

## **NATIONAL TURFGRASS EVALUATION PROGRAM**

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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## **A Guide to NTEP Turfgrass Ratings**

### **Introduction**

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### **General Considerations**

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### **Turfgrass Quality**

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2002 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### **Other Ratings**

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

LOCATIONS SUBMITTING DATA FOR 1999-2002

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Santa Clara	CA1
Illinois	Urbana	IL1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Maine	Orono (High Input)	ME1
Maine	Orono (Low Input)	ME2
Maryland	College Park	MD1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Nebraska	Mead (Shade)	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New York	Ithaca	NY1
North Carolina	Raleigh (High Input)	NC1
North Carolina	Raleigh (Low Input - No Irrigation)	NC2
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Quebec	Quebec City	QE1
South Dakota	Brookings	SD1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup	WA3
Wisconsin	Madison	WI1
Wisconsin	Madison (Fairway Traffic)	WI2



1998 NATIONAL FINELEAF FESCUE TEST  
Entries and Sponsors

Entry No.	Name	Species	Sponsor	Entry No.	Name	Species	Sponsor
1	ACF 083	chewings	Advanta Seeds Pacific, Inc.	41	PST-4HM	hard	Pure-Seed Testing, Inc.
2	Wrigley (ACF 092)	chewings	DLF-Jenks	42	PST-4MB	blue hard	Pure-Seed Testing, Inc.
3	ASC 082	strong creeping	Advanta Seeds Pacific, Inc.	43	Shadow II	chewings	Standard Entry
4	ASC 172	strong creeping	Advanta Seeds Pacific, Inc.	44	Tiffany	chewings	Turf-Seed, Inc.
5	Rose (ASC 087)	strong creeping	DLF-Jenks	45	Bighorn	hard	Turf-Seed, Inc.
6	Scaldis II (AHF 008)	hard	Seed Research of Oregon	46	MB-63	chewings	ProSeeds Marketing, Inc.
7	Stonehenge (AHF 009)	hard	Ampac Seeds Co.	47	Viking (ABT-HF1)	hard	ProSeeds Marketing, Inc.
8	ASR 049	slender creeping	Advanta Seeds Pacific, Inc.	48	Navigator (CIS Frr 5)	strong creeping	Mountain View Seed Ltd.
9	Dawson E+	slender creeping	Standard Entry	49	Cindy Lou (CIS Frr 7)	strong creeping	DLF International Seeds, Inc.
10	Attila E	hard	Turf Merchants, Inc.	50	Longfellow II	chewings	DLF International Seeds, Inc.
11	Minotaur	hard	Turf Merchants, Inc.	51	Eureka II (CIS Fl 11)	hard	DLF International Seeds, Inc.
12	Intrigue	chewings	Turf Merchants, Inc.	52	Chariot (CIS Fl 12)	hard	Mountain View Seed Ltd.
13	Scaldis	hard	Standard Entry	53	Quatro	sheep	Standard Entry
14	DGSC 94	strong creeping	DLF Trifolium	54	Reliant II	hard	ProSeeds Marketing, Inc.
15	Ambassador	chewings	Lebanon Seaboard Corp.	55	ABT-HF-4	hard	Simplot / Jacklin Seed
16	Oxford	hard	Lebanon Seaboard Corp.	56	Jamestown II	chewings	Simplot / Jacklin Seed
17	Pathfinder	strong creeping	Lebanon Seaboard Corp.	57	ABT-CHW-1	chewings	Simplot / Jacklin Seed
18	Brittany	chewings	LESCO, Inc.	58	ABT-CHW-2	chewings	ProSeeds Marketing, Inc.
19	Defiant	hard	LESCO, Inc.	59	Seabreeze	slender creeping	Standard Entry
20	Shademark	strong creeping	LESCO, Inc.	60	Culombra	chewings	ProSeeds Marketing, Inc.
21	Pick FF A-97	hard	Pickseed West, Inc.	61	SRX 52961	strong creeping	Seed Research of Oregon
22	Jasper II	strong creeping	Pickseed West, Inc.	62	SR 5210 (SRX 52LAV)	strong creeping	Seed Research of Oregon
23	Rescue 911	hard	Simplot Turf & Horticulture	63	SR 5100	chewings	Seed Research of Oregon
24	Salsa	strong creeping	R. A. G. T. France	64	SRX 3961	hard	Seed Research of Oregon
25	Berkshire (4001)	hard	The Scotts Company	65	SR 3200	blue	Seed Research of Oregon
26	Magic	chewings	Grasslands West	66	SR 6000	tufted hairgrass	Seed Research of Oregon
27	Silhouette (Pick Frc 4-92)	chewings	TurfOne/Ampac Seed Co.	67	Sandpiper	chewings	Seed Research of Oregon
28	BAR CHF 8 FUS2	chewings	Barenbrug USA, Inc.	68	Osprey	hard	Seed Research of Oregon
29	Bargena III (BAR CF 8 FUS1)	strong creeping	Barenbrug USA, Inc.	69	Heron	hard	Mountain View Seed Ltd.
30	Hardtop (BAR HF 8 FUS)	hard	Barenbrug USA, Inc.	70	Ambrose (ABT-CHW-3)	chewings	ProSeeds Marketing, Inc.
31	BAR SCF 8 FUS3	slender creeping	Barenbrug USA, Inc.	71	ABT-CR-2	strong creeping	Simplot / Jacklin Seed
32	Bridgeport	chewings	Barenbrug USA, Inc.	72	ABT-HF-2	hard	ProSeeds Marketing, Inc.
33	PST-4FR	strong creeping	Pure-Seed Testing, Inc.	73	ABT-HF-3	hard	Simplot / Jacklin Seed
34	Inverness (PST-47TCR)	strong creeping	Pure-Seed Testing, Inc.	74	Nordic (E)	hard	ProSeeds Marketing, Inc.
35	Aberdeen (PST-EFL)	strong creeping	Pure-Seed Testing, Inc.	75	ABT-CR-3	strong creeping	ProSeeds Marketing, Inc.
36	Pick Frc A-93	chewings	Pickseed West, Inc.	76	Banner III	chewings	ProSeeds Marketing, Inc.
37	Florentine	strong creeping	Standard Entry	77	MB-82	hard	ProSeeds Marketing, Inc.
38	Shademaster II	strong creeping	Turf-Seed, Inc.	78	Common creeping red	strong creeping	Standard Entry
39	Discovery	hard	Standard Entry	79	Boreal	strong creeping	Standard Entry
40	Treasure (E)	chewings	ProSeeds Marketing, Inc.				

TABLE A.

1999-2002 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 1998 NATIONAL FINELEAF FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
CA1	LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CO1	-	-	-	-	-	-	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IN1	SILT LOAM AND SILT	6.6-7.0	61-150	376-500	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	3.6-4.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
MA1	LOAM	6.1-6.5	151-270	241-375	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	0-60	241-375	0-1.0	FULL SUN	3.1-3.5	ONLY DURING SEVERE STRESS
ME1	SANDY LOAM	6.6-7.0	0-60	501+	-	FULL SUN	-	TO PREVENT STRESS
ME2	SANDY LOAM	6.6-7.0	0-60	501+	-	FULL SUN	-	NO IRRIGATION
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	3.1-4.0	FULL SUN	3.1-3.5	ONLY DURING SEVERE STRESS
MI2	SANDY LOAM	7.1-7.5	61-150	151-240	2.1-3.0	PARTIAL SHADE	1.6-2.0	ONLY DURING SEVERE STRESS
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MT1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NC1	SANDY CLAY LOAM	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NC2	SANDY CLAY LOAM	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
NE1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	0.0-1.0	DENSE SHADE	2.6-3.0	TO PREVENT DORMANCY
NJ1	SANDY LOAM	6.1-6.5	271-450	151-240	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.6-7.0	271-450	376-500	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NS1	SILTY CLAY LOAM	6.1-6.5	451+	501+	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	7.1-7.5	61-150	501+	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
PA1	LOAM	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
SD1	SILTY CLAY LOAM	7.6-8.5	0-60	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
UT1	SANDY CLAY LOAM	7.6-8.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	5.6-6.0	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
WA3	SILT LOAM AND SILT	5.6-6.0	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
WI2	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1				X	X	X	X	X	X				X	X	X
CA1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
CO1				X	X	X	X	X	X				X	X	
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	
IN1				X	X	X	X	X	X	X	X		X	X	
KS1				X	X	X	X	X	X	X			X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
MA1				X	X	X	X	X	X	X			X	X	
MD1					X	X	X	X	X	X	X		X	X	
ME1					X	X	X	X	X	X	X		X		
ME2					X	X	X	X	X	X	X		X		
MI1				X	X	X	X	X	X	X	X		X	X	X
MI2				X	X	X	X	X	X	X	X		X	X	X
MO1			X	X	X	X	X	X	X	X	X		X	X	X
MT1				X	X	X	X	X	X	X			X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NC2	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NE1				X	X	X	X	X	X	X			X	X	
NJ1				X	X	X	X	X	X	X	X	X	X	X	
NJ2			X	X	X	X	X	X	X	X	X		X	X	X
NS1				X	X	X	X	X	X	X			X	X	X
NY1				X	X	X	X	X	X	X			X	X	X
OK1			X	X	X	X	X	X	X	X	X	X	X	X	X
PA1					X	X	X	X	X	X			X	X	
QE1					X	X	X	X	X	X			X	X	X
RI1					X	X	X	X	X	X	X		X	X	X
SD1				X	X	X	X	X	X	X	X		X	X	
UT1				X	X	X	X	X	X	X	X		X	X	
VA1		X	X	X	X	X	X	X	X	X	X	X	X	X	
WA1				X	X	X	X	X	X	X			X	X	
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WI1				X	X	X	X	X	X	X	X		X	X	
WI2				X	X	X	X	X	X	X	X		X	X	

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	TYPHULA BLIGHT	MICRODO-CHIUM PATCH	LEAF SPOT
AR1		X					X								
CA1	X	X	X	X	X	X	X								
CO1							X								
IA1															
IL1									X						
IN1	X						X								
KS1	X	X	X	X											
KY1	X	X	X	X	X	X	X		X						
MA1	X														
MD1									X						
ME1					X									X	X
ME2					X									X	X
MI1	X	X	X	X	X	X	X								
MI2	X	X	X	X	X	X	X								
MO1	X	X	X	X	X	X	X								
MT1	X	X	X	X				X							
NC1		X			X	X	X		X						
NC2		X	X		X	X	X		X			X			
NE1		X	X	X											
NJ1	X					X	X		X						X
NJ2	X						X								X
NS1	X	X	X	X	X		X								
NY1	X		X												
OK1	X	X	X	X	X	X	X		X						
PA1	X	X	X												
QE1	X	X	X	X											
RI1	X			X											
SD1	X	X	X							X			X		
UT1			X			X	X								
VA1							X		X						
WA1	X					X					X				
WA3	X	X	X	X			X		X						
WI1		X	X	X	X	X	X								
WI2		X	X	X	X	X	X								

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	DOLLAR SPOT	RED THREAD	BROWN PATCH (WARM TEMP.)	SUMMER PATCH	PYTHIUM BLIGHT	PINK SNOW MOLD	SEEDHEAD RATINGS	PERCENT ESTABLISHMENT	ESTABLISHMENT RATINGS				GROUND COVER FALL	SPRING COLOR RATINGS	
									SEP. 98	OCT. 98	NOV. 98	MAY 99			
AR1														X	
CA1															
CO1								X							
IA1								X							
IL1								X							
IN1	X														
KS1															
KY1															
MA1								X							
MD1							X								X
ME1			X	X				X							
ME2		X	X			X		X							
MI1															
MI2															
M01															
MT1															
NC1				X				X							
NC2	X														
NE1										X	X	X			
NJ1		X		X											
NJ2	X	X		X											
NS1		X						X							
NY1		X													
OK1															
PA1	X														
QE1															
RI1															
SD1															
UT1											X		X		
VA1		X						X							
WA1															
WA3		X													
WI1		X			X			X							
WI2	X	X		X	X			X							

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	PERCENT	POA	VIGOR FROM	PATCH	PERCENT	PERCENT	BROWN	PATCH	RATINGS	NET	OVERALL	RED THREAD/	RED THREAD		DOLLAR SPOT			
	POA	ANNUA	EARLY STAGE		SUMMER	BROWN						PINK PATCH	JULY	OCTOBER	JUNE	JULY	AUG	
	ANNUA	RATINGS	OF SUMMER	DISEASE	PATCH	JULY	AUG	JUNE	JULY	AUGUST	BLOTCH	DISEASE	RATINGS	JULY	OCTOBER	JUNE	JULY	AUG
AR1																		
CA1																		
CO1																		
IA1																		
IL1																		
IN1																		
KS1																		
KY1				X	X	X	X											
MA1																		
MD1																		
ME1	X																	
ME2														X	X			
MI1												X						
MI2																		
MO1																		
MT1																		
NC1								X	X	X						X	X	
NC2								X	X	X						X	X	
NE1																		
NJ1			X															
NJ2											X							
NS1																		
NY1																		
OK1																		
PA1													X					
QE1																		
RI1																		
SD1																		
UT1																		
* VA1																		
WA1																		
WA3		X																
WI1																	X	X
WI2																		

\* MORE RED THREAD DATA FOR VA1 IN TABLE 49.

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
* SHADOW II	7.4	5.9	5.4	5.9	5.6	6.3	6.1
* LONGFELLOW II	7.8	5.8	5.3	6.0	5.0	6.4	6.1
ABT-CHW-2	7.3	5.9	5.4	6.1	5.2	6.2	6.0
* AMBASSADOR	7.4	6.2	5.2	5.9	4.8	6.2	5.9
AMBROSE (ABT-CHW-3)	7.6	5.7	5.2	5.9	5.0	6.2	5.9
* TREASURE (E)	7.1	6.2	5.1	5.9	5.2	6.0	5.9
ABT-CHW-1	7.2	6.0	5.3	6.0	4.9	6.2	5.9
* INTRIGUE	7.6	5.6	5.4	5.6	4.8	6.2	5.9
* JASPER II	7.5	5.5	5.4	5.9	4.2	6.4	5.8
* SRX 52961	7.5	5.9	5.2	5.9	4.2	6.1	5.8
ABT-CR-3	7.8	5.5	5.4	5.8	4.1	6.0	5.8
ACF 083	7.0	5.9	5.3	5.4	4.6	6.4	5.8
* FLORENTINE	7.7	6.2	5.2	5.8	3.8	5.8	5.7
* NAVIGATOR (CIS FRR 5)	7.4	5.7	5.1	5.8	4.2	6.2	5.7
* TIFFANY	6.8	5.7	5.3	5.3	5.0	6.2	5.7
* CINDY LOU (CIS FRR 7)	7.5	5.7	5.5	5.8	4.0	5.8	5.7
* RELIANT II	7.0	5.5	5.1	6.1	4.4	5.8	5.7
* JAMESTOWN II	6.9	5.8	5.2	5.4	4.9	5.9	5.7
BAR SCF 8 FUS3	6.8	5.6	5.3	6.0	4.6	5.8	5.7
* SR 5100	7.3	5.8	5.2	5.1	4.6	6.0	5.7
PICK FRC A-93	7.2	5.8	5.3	5.6	4.1	5.8	5.7
* BERKSHIRE (4001)	6.9	5.1	5.2	6.4	4.2	6.1	5.7
VIKING (ABT-HF1)	6.8	5.3	5.1	6.4	4.6	5.5	5.7
* SILHOUETTE (PICK FRC 4-92)	7.4	5.9	5.2	5.5	4.2	5.8	5.6
* SEABREEZE	6.9	5.8	5.2	5.6	4.6	5.8	5.6
* WRIGLEY (ACF 092)	6.8	5.4	5.1	5.5	4.6	6.2	5.6
* BRIDGEPORT	6.8	6.0	5.3	5.2	4.6	5.9	5.6
* ABERDEEN (PST-EFL)	7.3	6.0	5.1	5.6	3.9	5.9	5.6
PST-4FR	6.8	5.9	5.2	5.8	4.2	5.7	5.6
* SRX 3961	6.5	5.1	5.0	6.5	4.2	6.1	5.6
* CULOMBRA	6.9	5.9	5.1	5.1	4.8	5.8	5.6
* SANDPIPER	6.6	5.8	5.1	5.3	4.7	6.0	5.6
* OXFORD	6.4	5.5	5.3	6.3	4.0	5.9	5.6
* PATHFINDER	6.7	6.0	5.3	5.7	4.1	5.8	5.6
* BANNER III	7.2	5.7	5.3	5.2	4.6	5.5	5.6
ABT-CR-2	7.4	5.4	5.3	5.5	3.9	5.8	5.6
BAR CHF 8 FUS2	7.1	5.9	5.2	5.1	4.4	5.8	5.6
* INVERNESS (PST-47TCR)	7.3	5.9	5.4	5.5	3.8	5.6	5.6
* MAGIC	7.2	5.7	4.9	5.2	4.3	6.1	5.6
ASR 049	6.2	5.7	5.2	5.9	4.3	6.0	5.6
* BRITTANY	6.6	5.9	5.6	5.3	4.4	5.6	5.5
* SALSA	6.6	5.7	5.1	5.3	4.3	6.3	5.5
MB-63	7.1	6.2	5.0	5.1	4.5	5.4	5.5
* SHADEMASTER II	6.7	5.9	5.0	5.4	3.9	6.0	5.5

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
* NORDIC (E)	6.5	5.5	5.1	5.8	4.0	5.8	5.5
* DAWSON E+	6.3	5.7	5.1	5.7	4.3	5.7	5.5
* BARGENA III (BAR CF 8 FUS1)	7.0	5.7	5.3	5.4	3.9	5.6	5.5
* CHARIOT (CIS FL 12)	7.0	5.3	5.3	5.5	3.9	5.7	5.4
DGSC 94	7.1	5.8	5.2	5.3	3.7	5.5	5.4
ABT-HF-2	6.6	5.3	5.1	5.9	3.9	5.6	5.4
* DISCOVERY	6.6	5.4	5.1	5.7	3.9	5.5	5.4
* OSPREY	6.7	5.1	5.0	5.4	4.1	5.7	5.4
* HARDTOP (BAR HF 8 FUS)	6.5	5.3	5.2	5.6	3.7	5.8	5.4
ABT-HF-4	6.3	5.5	5.1	6.0	3.7	5.4	5.3
* STONEHENGE (AHF 009)	6.6	5.3	5.2	5.7	3.5	5.6	5.3
* HERON	6.5	5.1	5.2	6.1	3.7	5.3	5.3
* EUREKA II (CIS FL 11)	7.0	5.0	5.0	5.5	3.6	5.5	5.3
PICK FF A-97	6.3	5.4	5.0	5.6	3.6	5.6	5.3
PST-4HM	6.1	5.0	4.9	5.9	4.0	5.5	5.2
MB-82	6.8	4.9	5.1	5.6	3.7	5.2	5.2
* ATTILA E	6.3	5.2	5.1	5.6	3.6	5.5	5.2
PST-4MB	7.0	5.2	5.1	5.3	3.3	5.5	5.2
* DEFIANT	6.3	5.3	5.0	5.7	3.6	5.5	5.2
* SCALDIS	6.8	5.4	5.0	5.4	3.6	5.2	5.2
* QUATRO	6.6	5.2	5.3	5.1	3.9	5.3	5.2
* SCALDIS II (AHF 008)	6.6	5.3	5.1	5.0	3.6	5.6	5.2
* SHADEMARK	6.5	5.6	5.2	4.9	3.7	5.3	5.2
* SR 5210 (SRX 52LAV)	6.6	5.4	5.2	4.7	3.5	5.5	5.2
* MINOTAUR	6.4	5.2	5.1	5.2	3.6	5.3	5.1
* COMMON CREEPING RED	6.3	5.5	5.0	4.8	3.4	5.6	5.1
* ROSE (ASC 087)	6.5	5.5	5.1	4.6	3.5	5.4	5.1
ABT-HF-3	6.1	5.2	4.9	5.6	3.6	5.1	5.1
* RESCUE 911	6.2	5.1	5.2	5.2	3.5	5.2	5.1
ASC 082	6.6	5.3	5.2	4.4	3.6	5.3	5.0
* BOREAL	6.2	5.8	5.1	4.5	3.6	5.3	5.0
ASC 172	6.7	5.1	5.0	4.3	3.0	5.0	4.9
* SR 3200	6.0	4.9	5.3	4.7	3.1	5.0	4.8
* BIGHORN	5.9	5.0	4.9	4.9	3.0	4.9	4.8
* SR 6000	4.8	5.4	4.8	4.1	3.6	4.7	4.5
LSD VALUE	1.1	0.8	0.6	0.7	0.6	0.7	0.3
C.V. (%)	10.2	8.7	8.7	8.1	9.9	7.4	9.0

\* COMMERCIALY AVAILABLE IN THE USA IN 2003.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
SHADOW II	7.4	5.9	5.4	5.9	5.6	6.3	6.1
LONGFELLOW II	7.8	5.8	5.3	6.0	5.0	6.4	6.1
ABT-CHW-2	7.3	5.9	5.4	6.1	5.2	6.2	6.0
AMBASSADOR	7.4	6.2	5.2	5.9	4.8	6.2	5.9
AMBROSE (ABT-CHW-3)	7.6	5.7	5.2	5.9	5.0	6.2	5.9
TREASURE (E)	7.1	6.2	5.1	5.9	5.2	6.0	5.9
ABT-CHW-1	7.2	6.0	5.3	6.0	4.9	6.2	5.9
INTRIGUE	7.6	5.6	5.4	5.6	4.8	6.2	5.9
ACF 083	7.0	5.9	5.3	5.4	4.6	6.4	5.8
TIFFANY	6.8	5.7	5.3	5.3	5.0	6.2	5.7
JAMESTOWN II	6.9	5.8	5.2	5.4	4.9	5.9	5.7
SR 5100	7.3	5.8	5.2	5.1	4.6	6.0	5.7
PICK FRC A-93	7.2	5.8	5.3	5.6	4.1	5.8	5.7
SILHOUETTE (PICK FRC 4-92)	7.4	5.9	5.2	5.5	4.2	5.8	5.6
WRIGLEY (ACF 092)	6.8	5.4	5.1	5.5	4.6	6.2	5.6
BRIDGEPORT	6.8	6.0	5.3	5.2	4.6	5.9	5.6
CULOMBRA	6.9	5.9	5.1	5.1	4.8	5.8	5.6
SANDPIPER	6.6	5.8	5.1	5.3	4.7	6.0	5.6
BANNER III	7.2	5.7	5.3	5.2	4.6	5.5	5.6
BAR CHF 8 FUS2	7.1	5.9	5.2	5.1	4.4	5.8	5.6
MAGIC	7.2	5.7	4.9	5.2	4.3	6.1	5.6
BRITTANY	6.6	5.9	5.6	5.3	4.4	5.6	5.5
MB-63	7.1	6.2	5.0	5.1	4.5	5.4	5.5
LSD VALUE	0.9	0.8	0.6	0.7	0.6	0.7	0.3
C.V. (%)	7.5	8.4	9.1	8.5	8.6	7.6	8.2

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
BAR SCF 8 FUS3	6.8	5.6	5.3	6.0	4.6	5.8	5.7
SEABREEZE	6.9	5.8	5.2	5.6	4.6	5.8	5.6
ASR 049	6.2	5.7	5.2	5.9	4.3	6.0	5.6
DAWSON E+	6.3	5.7	5.1	5.7	4.3	5.7	5.5
LSD VALUE	1.1	0.9	0.5	0.6	0.7	0.6	0.3
C.V. (%)	10.1	9.3	7.2	6.8	10.5	5.9	8.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 1D. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
JASPER II	7.5	5.5	5.4	5.9	4.2	6.4	5.8
SRX 52961	7.5	5.9	5.2	5.9	4.2	6.1	5.8
ABT-CR-3	7.8	5.5	5.4	5.8	4.1	6.0	5.8
FLORENTINE	7.7	6.2	5.2	5.8	3.8	5.8	5.7
NAVIGATOR (CIS FRR 5)	7.4	5.7	5.1	5.8	4.2	6.2	5.7
CINDY LOU (CIS FRR 7)	7.5	5.7	5.5	5.8	4.0	5.8	5.7
ABERDEEN (PST-EFL)	7.3	6.0	5.1	5.6	3.9	5.9	5.6
PST-4FR	6.8	5.9	5.2	5.8	4.2	5.7	5.6
PATHFINDER	6.7	6.0	5.3	5.7	4.1	5.8	5.6
ABT-CR-2	7.4	5.4	5.3	5.5	3.9	5.8	5.6
INVERNESS (PST-47TCR)	7.3	5.9	5.4	5.5	3.8	5.6	5.6
SALSA	6.6	5.7	5.1	5.3	4.3	6.3	5.5
SHADEMASTER II	6.7	5.9	5.0	5.4	3.9	6.0	5.5
BARGENA III (BAR CF 8 FUS1)	7.0	5.7	5.3	5.4	3.9	5.6	5.5
DGSC 94	7.1	5.8	5.2	5.3	3.7	5.5	5.4
SHADEMARK	6.5	5.6	5.2	4.9	3.7	5.3	5.2
SR 5210 (SRX 52LAV)	6.6	5.4	5.2	4.7	3.5	5.5	5.2
COMMON CREEPING RED	6.3	5.5	5.0	4.8	3.4	5.6	5.1
ROSE (ASC 087)	6.5	5.5	5.1	4.6	3.5	5.4	5.1
ASC 082	6.6	5.3	5.2	4.4	3.6	5.3	5.0
BOREAL	6.2	5.8	5.1	4.5	3.6	5.3	5.0
ASC 172	6.7	5.1	5.0	4.3	3.0	5.0	4.9
LSD VALUE	1.0	0.9	0.6	0.7	0.6	0.7	0.3
C.V. (%)	8.8	9.6	8.4	7.9	9.7	7.6	8.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 1E. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
RELIANT II	7.0	5.5	5.1	6.1	4.4	5.8	5.7
BERKSHIRE (4001)	6.9	5.1	5.2	6.4	4.2	6.1	5.7
VIKING (ABT-HF1)	6.8	5.3	5.1	6.4	4.6	5.5	5.7
SRX 3961	6.5	5.1	5.0	6.5	4.2	6.1	5.6
OXFORD	6.4	5.5	5.3	6.3	4.0	5.9	5.6
NORDIC (E)	6.5	5.5	5.1	5.8	4.0	5.8	5.5
CHARIOT (CIS FL 12)	7.0	5.3	5.3	5.5	3.9	5.7	5.4
ABT-HF-2	6.6	5.3	5.1	5.9	3.9	5.6	5.4
DISCOVERY	6.6	5.4	5.1	5.7	3.9	5.5	5.4
OSPREY	6.7	5.1	5.0	5.4	4.1	5.7	5.4
HARDTOP (BAR HF 8 FUS)	6.5	5.3	5.2	5.6	3.7	5.8	5.4
ABT-HF-4	6.3	5.5	5.1	6.0	3.7	5.4	5.3
STONEHENGE (AHF 009)	6.6	5.3	5.2	5.7	3.5	5.6	5.3
HERON	6.5	5.1	5.2	6.1	3.7	5.3	5.3
EUREKA II (CIS FL 11)	7.0	5.0	5.0	5.5	3.6	5.5	5.3
PICK FF A-97	6.3	5.4	5.0	5.6	3.6	5.6	5.3
PST-4HM	6.1	5.0	4.9	5.9	4.0	5.5	5.2
MB-82	6.8	4.9	5.1	5.6	3.7	5.2	5.2
ATTILA E	6.3	5.2	5.1	5.6	3.6	5.5	5.2
DEFIANT	6.3	5.3	5.0	5.7	3.6	5.5	5.2
SCALDIS	6.8	5.4	5.0	5.4	3.6	5.2	5.2
SCALDIS II (AHF 008)	6.6	5.3	5.1	5.0	3.6	5.6	5.2
MINOTAUR	6.4	5.2	5.1	5.2	3.6	5.3	5.1
ABT-HF-3	6.1	5.2	4.9	5.6	3.6	5.1	5.1
RESCUE 911	6.2	5.1	5.2	5.2	3.5	5.2	5.1
BIGHORN	5.9	5.0	4.9	4.9	3.0	4.9	4.8
LSD VALUE	1.4	0.7	0.6	0.7	0.6	0.7	0.3
C.V. (%)	12.9	7.8	8.6	7.5	11.2	7.4	9.7

TABLE 1F. MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
GROWN AT SIX LOCATIONS GROWN UNDER HIGH INPUT 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ME1	MT1	NY1	SD1	WA3	WI1	MEAN
PST-4MB	7.0	5.2	5.1	5.3	3.3	5.5	5.2
QUATRO	6.6	5.2	5.3	5.1	3.9	5.3	5.2
SR 3200	6.0	4.9	5.3	4.7	3.1	5.0	4.8
SR 6000	4.8	5.4	4.8	4.1	3.6	4.7	4.5
LSD VALUE	1.4	0.8	0.6	0.9	0.5	0.5	0.4
C.V. (%)	14.2	9.4	8.8	11.7	10.3	5.5	10.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	MEAN
LONGFELLOW II	5.9	4.4	5.9	6.0	7.2	6.0	6.6	4.8	6.0	5.6	6.6	3.8	6.1	6.5	5.8
VIKING (ABT-HF1)	6.7	5.9	6.5	5.7	6.7	5.2	7.1	3.6	5.9	5.8	6.7	2.0	7.2	7.2	5.8
JASPER II	6.2	5.5	5.8	6.0	7.3	5.7	6.1	4.5	6.3	5.8	6.8	3.7	5.7	6.1	5.8
SRX 52961	5.8	5.2	6.1	6.1	7.3	5.3	6.0	4.3	6.1	5.7	6.9	4.1	5.5	6.2	5.7
ABT-CHW-2	5.9	5.4	5.6	5.5	7.2	5.6	6.3	4.7	6.1	5.6	7.3	3.6	5.9	6.3	5.7
BERKSHIRE (4001)	6.6	5.7	6.5	5.4	6.4	5.1	7.2	3.8	5.6	5.4	6.8	1.7	7.3	7.8	5.7
CINDY LOU (CIS FRR 7)	6.0	4.4	5.8	5.8	7.1	5.8	5.9	4.3	6.2	5.9	6.8	3.8	5.7	6.3	5.7
AMBASSADOR	5.9	4.9	5.5	5.6	7.4	6.1	6.3	4.7	5.9	5.6	6.8	3.5	5.7	6.2	5.7
SRX 3961	6.5	5.1	6.5	5.7	6.7	4.7	6.9	3.7	5.1	5.4	7.1	1.9	7.4	6.8	5.6
INTRIGUE	5.7	4.9	5.6	5.8	7.3	6.2	6.4	4.4	6.0	5.6	6.9	2.0	6.0	6.7	5.6
ABERDEEN (PST-EFL)	6.3	4.6	5.8	5.6	7.1	5.0	5.8	4.5	5.8	5.5	6.7	3.8	5.5	5.9	5.6
NAVIGATOR (CIS FRR 5)	6.1	4.4	5.6	5.8	6.9	5.3	5.9	4.5	6.1	5.2	6.2	4.2	5.7	6.0	5.6
ABT-CR-3	5.8	5.3	5.9	5.9	7.5	5.2	5.9	4.3	5.9	5.4	6.7	3.2	5.8	6.2	5.6
AMBROSE (ABT-CHW-3)	5.9	5.1	5.8	5.6	7.4	6.0	6.2	4.5	5.8	5.1	6.6	2.1	5.9	6.3	5.5
TREAZURE (E)	5.9	4.9	5.4	5.0	6.5	6.1	6.1	4.5	5.5	5.2	6.9	2.7	6.2	5.9	5.4
PICK FRC A-93	6.1	4.6	5.3	5.2	7.4	5.4	6.2	4.6	5.3	5.0	6.4	2.6	5.6	6.4	5.4
OXFORD	6.8	5.9	6.2	5.6	6.8	4.5	6.7	3.7	4.3	4.9	6.1	1.9	7.0	6.6	5.4
ABT-HF-2	6.4	5.7	6.0	5.4	6.5	4.5	6.7	3.8	4.7	4.5	6.6	1.7	7.2	7.3	5.4
CHARIOT (CIS FL 12)	6.4	4.6	6.1	5.4	6.3	4.3	6.8	3.6	4.9	4.7	6.7	1.7	6.8	7.1	5.4
STONEHENGE (AHF 009)	6.2	5.1	6.0	5.3	6.4	5.5	6.3	3.6	5.0	5.1	6.6	1.6	6.6	6.8	5.3
EUREKA II (CIS FL 11)	6.7	4.6	5.9	5.1	5.9	4.1	6.9	3.7	4.4	5.2	6.1	2.4	6.5	6.8	5.3
MINOTAUR	6.3	4.9	5.8	5.0	5.7	4.9	6.4	3.7	5.2	4.8	6.1	1.9	6.6	3.6	5.3
MAGIC	5.6	4.4	5.2	5.2	6.7	5.6	6.1	4.7	4.9	4.8	6.9	3.0	5.3	5.9	5.3
SHADOW II	6.0	5.1	5.6	5.1	6.8	6.3	5.8	4.5	5.0	4.6	6.3	2.0	5.7	5.9	5.3
ABT-CR-2	5.9	5.4	5.8	5.4	7.1	5.2	5.4	4.3	5.1	5.0	5.2	3.8	4.7	5.9	5.3
PST-4HM	6.6	6.1	6.3	5.1	5.8	4.1	6.2	3.6	4.1	4.7	6.4	2.4	6.7	6.4	5.2
PST-4MB	5.9	6.2	6.1	4.7	6.4	4.6	6.2	3.9	5.2	4.3	6.1	1.6	6.6	5.1	5.2
HARDTOP (BAR HF 8 FUS)	6.5	5.2	5.9	5.2	6.4	5.0	6.9	3.9	4.2	3.9	6.4	1.6	6.7	7.6	5.2
SR 5100	5.5	4.9	5.3	5.2	6.6	5.4	5.9	4.5	5.3	4.9	6.8	2.3	5.7	5.8	5.2
NORDIC (E)	6.4	5.9	6.2	5.5	6.1	4.2	6.5	3.9	4.2	4.2	6.2	1.6	7.0	6.8	5.2
CULOMBRA	5.6	5.7	5.5	5.5	6.5	5.7	5.7	4.7	4.3	4.7	6.6	2.6	5.3	6.2	5.2
ABT-HF-3	6.1	5.7	6.0	5.2	6.1	4.5	6.7	3.6	5.1	5.0	5.9	1.5	6.8	4.0	5.2
ABT-CHW-1	5.9	5.1	5.5	5.1	6.5	5.5	6.5	4.2	4.0	5.0	6.8	2.2	5.4	5.9	5.2
DISCOVERY	6.3	5.2	5.7	5.1	6.0	4.5	6.7	3.8	4.4	4.7	6.1	1.5	6.8	6.6	5.2
WRIGLEY (ACF 092)	5.7	4.8	5.6	5.4	6.2	5.0	5.9	4.6	3.7	4.8	6.7	2.8	5.8	6.2	5.2
RESCUE 911	6.2	5.7	5.4	5.3	5.8	3.6	6.5	3.7	4.6	4.2	6.5	1.6	6.9	6.7	5.1
PICK FF A-97	6.1	5.0	6.0	5.2	5.6	4.5	6.3	3.7	4.5	4.5	6.3	1.7	6.5	6.2	5.1
ABT-HF-4	6.2	5.0	6.1	5.0	5.7	4.4	6.6	3.5	4.5	4.7	6.0	1.7	6.9	5.3	5.1
BRIDGEPORT	5.3	5.0	5.6	5.0	6.1	5.6	5.7	4.5	4.7	4.5	6.5	2.7	5.5	5.7	5.1
BRITTANY	5.7	4.2	5.3	5.4	6.5	4.8	5.8	4.3	4.5	4.7	6.5	2.7	5.4	5.7	5.1
HERON	6.1	5.6	5.4	5.2	5.8	4.1	6.7	3.6	4.2	5.1	6.3	1.7	6.7	4.7	5.0
SILHOUETTE (PICK FRC 4-92)	5.7	4.6	5.1	5.5	6.5	5.3	5.9	4.3	4.3	4.6	6.6	2.1	5.3	6.0	5.0
RELIANT II	6.3	4.9	5.8	5.0	5.9	4.0	6.7	3.5	4.2	4.2	6.0	1.7	6.6	6.2	5.0
PATHFINDER	6.0	4.4	5.4	5.1	6.7	5.1	4.7	4.6	4.8	4.6	6.2	3.9	4.2	4.5	5.0

TABLE 2A. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														MEAN
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	
BAR CHF 8 FUS2	5.6	4.3	5.5	5.2	5.9	5.3	6.0	4.4	3.6	4.8	6.9	1.9	5.5	6.7	5.0
TIFFANY	5.6	4.9	5.6	4.7	6.2	5.6	5.7	4.5	4.3	3.8	6.3	2.1	5.5	5.8	5.0
SCALDIS II (AHF 008)	6.2	4.9	6.0	4.9	5.7	4.5	6.2	3.6	3.3	4.2	6.0	2.0	6.7	4.4	5.0
OSPREY	6.4	5.1	5.4	5.1	5.6	5.3	6.5	3.8	3.8	4.6	5.7	1.4	6.5	5.7	5.0
MB-63	5.8	5.1	5.5	5.1	6.3	5.0	5.7	4.6	4.4	4.3	5.0	2.5	5.4	6.0	4.9
SCALDIS	6.2	5.4	5.9	5.0	5.1	4.4	6.1	3.6	3.4	4.1	6.2	2.1	6.5	6.4	4.9
SR 5210 (SRX 52LAV)	5.4	5.0	5.2	5.4	6.7	4.8	5.4	4.0	4.7	4.5	5.0	2.7	4.9	5.6	4.9
BANNER III	5.4	5.1	5.1	5.3	6.2	5.9	5.8	4.0	3.9	4.5	6.5	1.7	5.5	5.5	4.9
PST-4FR	6.3	4.5	5.9	5.3	6.6	5.5	5.0	4.6	4.2	4.0	5.2	2.3	4.7	5.3	4.8
MB-82	6.0	5.1	5.7	4.9	5.3	5.1	6.1	3.7	3.3	4.1	6.0	1.5	6.3	6.7	4.8
DEFIANT	6.0	4.5	5.7	5.0	5.8	4.0	5.9	3.5	3.7	3.9	5.5	2.2	6.2	6.3	4.8
SANDPIPER	5.7	5.0	5.2	4.6	5.7	5.9	5.7	4.1	3.8	4.4	6.5	2.0	5.1	5.2	4.8
SHADEMASTER II	5.8	4.9	5.3	4.6	6.3	4.7	4.7	4.5	4.5	4.3	5.3	3.7	4.2	4.9	4.8
FLORENTINE	5.6	4.7	5.5	5.0	6.8	4.7	4.9	4.2	4.6	4.3	5.2	2.1	4.6	5.8	4.7
BARGENA III (BAR CF 8 FUS1)	5.9	4.4	5.6	5.2	6.3	4.7	4.7	4.1	4.3	4.1	5.6	3.1	4.1	5.3	4.7
ATTILA E	6.1	5.2	5.6	4.3	5.0	4.9	6.3	3.5	3.5	4.2	6.0	1.7	6.2	5.3	4.7
BAR SCF 8 FUS3	5.6	5.4	5.5	5.1	6.3	3.8	5.2	3.8	4.1	4.5	5.6	1.9	5.4	5.0	4.7
DGSC 94	5.8	4.7	5.5	4.9	6.6	5.0	4.6	4.1	4.5	4.3	5.1	3.2	3.9	4.0	4.7
INVERNESS (PST-47TCR)	5.6	4.6	5.4	5.1	6.4	4.6	4.8	4.1	4.1	4.0	4.8	3.4	4.6	5.3	4.7
JAMESTOWN II	4.9	4.7	5.2	4.8	5.5	5.2	5.3	4.7	3.4	4.3	6.6	2.0	5.2	5.1	4.7
ASC 082	5.4	4.7	5.2	4.8	5.8	4.7	4.5	3.9	4.9	4.6	5.4	2.8	4.5	5.5	4.7
ACF 083	5.9	4.9	5.4	4.9	5.7	5.1	5.6	3.8	3.5	3.2	5.8	2.3	5.3	6.3	4.7
BIGHORN	5.7	5.9	5.7	4.5	5.4	4.2	5.9	3.7	3.2	4.2	5.3	1.5	6.1	4.0	4.6
QUATRO	5.4	4.9	5.5	4.4	3.7	4.1	5.9	3.7	3.8	4.5	6.0	1.7	5.5	5.9	4.5
SEABREEZE	5.6	5.8	5.4	4.5	5.8	4.8	5.0	4.2	3.2	3.9	5.4	1.8	5.1	4.2	4.5
ASR 049	5.9	5.8	5.8	4.9	5.0	5.1	5.1	3.4	3.1	4.4	5.6	1.9	4.8	3.9	4.5
SALSA	5.3	5.6	6.3	4.8	5.6	5.5	4.5	3.5	3.4	3.6	5.4	2.8	3.8	4.5	4.5
SR 3200	5.4	5.4	5.6	4.3	5.0	4.5	5.3	3.6	3.0	4.0	5.5	2.0	5.9	3.8	4.4
SHADEMARK	5.3	4.6	5.2	4.7	5.8	4.7	4.4	3.8	3.8	4.1	5.0	2.6	3.8	5.2	4.4
ROSE (ASC 087)	5.5	4.6	5.3	4.4	5.8	4.5	4.6	3.4	4.0	3.8	4.9	2.5	3.9	4.8	4.3
DAWSON E+	4.8	5.6	5.2	5.1	3.7	4.6	5.0	3.4	2.6	4.1	5.9	1.7	5.7	4.3	4.3
ASC 172	4.7	4.3	5.1	4.2	5.8	4.1	4.6	3.7	4.0	3.9	4.4	3.3	4.1	3.8	4.3
BOREAL	4.9	4.4	5.4	4.5	5.2	4.2	4.1	3.8	2.3	3.1	5.0	1.8	3.8	3.1	3.9
COMMON CREEPING RED	4.4	4.4	5.1	4.1	5.0	3.9	4.2	3.5	2.9	3.2	4.9	1.7	3.7	2.5	3.8
SR 6000	3.5	4.4	4.2	3.7	3.4	3.0	5.0	4.0	1.8	2.5	4.1	2.2	4.1	1.1	3.4
LSD VALUE	0.6	0.3	1.0	0.7	0.7	0.8	0.7	0.9	1.0	0.7	1.6	1.3	0.7	1.0	0.3
C.V. (%)	6.8	3.3	10.8	8.3	7.2	10.5	7.1	14.7	13.6	9.6	17.1	32.6	7.3	10.8	11.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2B.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														MEAN
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	
LONGFELLOW II	5.9	4.4	5.9	6.0	7.2	6.0	6.6	4.8	6.0	5.6	6.6	3.8	6.1	6.5	5.8
ABT-CHW-2	5.9	5.4	5.6	5.5	7.2	5.6	6.3	4.7	6.1	5.6	7.3	3.6	5.9	6.3	5.7
AMBASSADOR	5.9	4.9	5.5	5.6	7.4	6.1	6.3	4.7	5.9	5.6	6.8	3.5	5.7	6.2	5.7
INTRIGUE	5.7	4.9	5.6	5.8	7.3	6.2	6.4	4.4	6.0	5.6	6.9	2.0	6.0	6.7	5.6
AMBROSE (ABT-CHW-3)	5.9	5.1	5.8	5.6	7.4	6.0	6.2	4.5	5.8	5.1	6.6	2.1	5.9	6.3	5.5
TREASURE (E)	5.9	4.9	5.4	5.0	6.5	6.1	6.1	4.5	5.5	5.2	6.9	2.7	6.2	5.9	5.4
PICK FRC A-93	6.1	4.6	5.3	5.2	7.4	5.4	6.2	4.6	5.3	5.0	6.4	2.6	5.6	6.4	5.4
MAGIC	5.6	4.4	5.2	5.2	6.7	5.6	6.1	4.7	4.9	4.8	6.9	3.0	5.3	5.9	5.3
SHADOW II	6.0	5.1	5.6	5.1	6.8	6.3	5.8	4.5	5.0	4.6	6.3	2.0	5.7	5.9	5.3
SR 5100	5.5	4.9	5.3	5.2	6.6	5.4	5.9	4.5	5.3	4.9	6.8	2.3	5.7	5.8	5.2
CULOMBRA	5.6	5.7	5.5	5.5	6.5	5.7	5.7	4.7	4.3	4.7	6.6	2.6	5.3	6.2	5.2
ABT-CHW-1	5.9	5.1	5.5	5.1	6.5	5.5	6.5	4.2	4.0	5.0	6.8	2.2	5.4	5.9	5.2
WRIGLEY (ACF 092)	5.7	4.8	5.6	5.4	6.2	5.0	5.9	4.6	3.7	4.8	6.7	2.8	5.8	6.2	5.2
BRIDGEPORT	5.3	5.0	5.6	5.0	6.1	5.6	5.7	4.5	4.7	4.5	6.5	2.7	5.5	5.7	5.1
BRITTANY	5.7	4.2	5.3	5.4	6.5	4.8	5.8	4.3	4.5	4.7	6.5	2.7	5.4	5.7	5.1
SILHOUETTE (PICK FRC 4-92)	5.7	4.6	5.1	5.5	6.5	5.3	5.9	4.3	4.3	4.6	6.6	2.1	5.3	6.0	5.0
BAR CHF 8 FUS2	5.6	4.3	5.5	5.2	5.9	5.3	6.0	4.4	3.6	4.8	6.9	1.9	5.5	6.7	5.0
TIFFANY	5.6	4.9	5.6	4.7	6.2	5.6	5.7	4.5	4.3	3.8	6.3	2.1	5.5	5.8	5.0
MB-63	5.8	5.1	5.5	5.1	6.3	5.0	5.7	4.6	4.4	4.3	5.0	2.5	5.4	6.0	4.9
BANNER III	5.4	5.1	5.1	5.3	6.2	5.9	5.8	4.0	3.9	4.5	6.5	1.7	5.5	5.5	4.9
SANDPIPER	5.7	5.0	5.2	4.6	5.7	5.9	5.7	4.1	3.8	4.4	6.5	2.0	5.1	5.2	4.8
JAMESTOWN II	4.9	4.7	5.2	4.8	5.5	5.2	5.3	4.7	3.4	4.3	6.6	2.0	5.2	5.1	4.7
ACF 083	5.9	4.9	5.4	4.9	5.7	5.1	5.6	3.8	3.5	3.2	5.8	2.3	5.3	6.3	4.7
LSD VALUE	0.6	0.3	0.8	0.7	0.7	0.7	0.6	1.0	1.0	0.7	1.2	1.3	0.5	0.9	0.2
C.V. (%)	7.1	3.5	9.5	8.0	6.7	8.3	6.4	14.1	13.0	9.5	11.1	31.6	5.6	9.1	10.0

TABLE 2C.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														MEAN
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	
BAR SCF 8 FUS3	5.6	5.4	5.5	5.1	6.3	3.8	5.2	3.8	4.1	4.5	5.6	1.9	5.4	5.0	4.7
SEABREEZE	5.6	5.8	5.4	4.5	5.8	4.8	5.0	4.2	3.2	3.9	5.4	1.8	5.1	4.2	4.5
ASR 049	5.9	5.8	5.8	4.9	5.0	5.1	5.1	3.4	3.1	4.4	5.6	1.9	4.8	3.9	4.5
DAWSON E+	4.8	5.6	5.2	5.1	3.7	4.6	5.0	3.4	2.6	4.1	5.9	1.7	5.7	4.3	4.3
LSD VALUE	0.5	0.3	1.1	0.6	0.8	0.9	0.5	1.2	0.8	0.6	1.6	0.7	0.9	1.1	0.3
C.V. (%)	5.9	2.8	12.7	7.1	9.8	12.0	6.9	19.7	16.1	9.1	18.6	21.4	10.4	16.3	12.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2D.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														
	CA1	C01	IA1	IN1	KY1	MA1	MD1	M01	NJ1	NJ2	NS1	OK1	PA1	RI1	MEAN
JASPER II	6.2	5.5	5.8	6.0	7.3	5.7	6.1	4.5	6.3	5.8	6.8	3.7	5.7	6.1	5.8
SRX 52961	5.8	5.2	6.1	6.1	7.3	5.3	6.0	4.3	6.1	5.7	6.9	4.1	5.5	6.2	5.7
CINDY LOU (CIS FRR 7)	6.0	4.4	5.8	5.8	7.1	5.8	5.9	4.3	6.2	5.9	6.8	3.8	5.7	6.3	5.7
ABERDEEN (PST-EFL)	6.3	4.6	5.8	5.6	7.1	5.0	5.8	4.5	5.8	5.5	6.7	3.8	5.5	5.9	5.6
NAVIGATOR (CIS FRR 5)	6.1	4.4	5.6	5.8	6.9	5.3	5.9	4.5	6.1	5.2	6.2	4.2	5.7	6.0	5.6
ABT-CR-3	5.8	5.3	5.9	5.9	7.5	5.2	5.9	4.3	5.9	5.4	6.7	3.2	5.8	6.2	5.6
ABT-CR-2	5.9	5.4	5.8	5.4	7.1	5.2	5.4	4.3	5.1	5.0	5.2	3.8	4.7	5.9	5.3
PATHFINDER	6.0	4.4	5.4	5.1	6.7	5.1	4.7	4.6	4.8	4.6	6.2	3.9	4.2	4.5	5.0
SR 5210 (SRX 52LAV)	5.4	5.0	5.2	5.4	6.7	4.8	5.4	4.0	4.7	4.5	5.0	2.7	4.9	5.6	4.9
PST-4FR	6.3	4.5	5.9	5.3	6.6	5.5	5.0	4.6	4.2	4.0	5.2	2.3	4.7	5.3	4.8
SHADEMASTER II	5.8	4.9	5.3	4.6	6.3	4.7	4.7	4.5	4.5	4.3	5.3	3.7	4.2	4.9	4.8
FLORENTINE	5.6	4.7	5.5	5.0	6.8	4.7	4.9	4.2	4.6	4.3	5.2	2.1	4.6	5.8	4.7
BARGENA III (BAR CF 8 FUS1)	5.9	4.4	5.6	5.2	6.3	4.7	4.7	4.1	4.3	4.1	5.6	3.1	4.1	5.3	4.7
DGSC 94	5.8	4.7	5.5	4.9	6.6	5.0	4.6	4.1	4.5	4.3	5.1	3.2	3.9	4.0	4.7
INVERNESS (PST-47TCR)	5.6	4.6	5.4	5.1	6.4	4.6	4.8	4.1	4.1	4.0	4.8	3.4	4.6	5.3	4.7
ASC 082	5.4	4.7	5.2	4.8	5.8	4.7	4.5	3.9	4.9	4.6	5.4	2.8	4.5	5.5	4.7
SALSA	5.3	5.6	6.3	4.8	5.6	5.5	4.5	3.5	3.4	3.6	5.4	2.8	3.8	4.5	4.5
SHADEMARK	5.3	4.6	5.2	4.7	5.8	4.7	4.4	3.8	3.8	4.1	5.0	2.6	3.8	5.2	4.4
ROSE (ASC 087)	5.5	4.6	5.3	4.4	5.8	4.5	4.6	3.4	4.0	3.8	4.9	2.5	3.9	4.8	4.3
ASC 172	4.7	4.3	5.1	4.2	5.8	4.1	4.6	3.7	4.0	3.9	4.4	3.3	4.1	3.8	4.3
BOREAL	4.9	4.4	5.4	4.5	5.2	4.2	4.1	3.8	2.3	3.1	5.0	1.8	3.8	3.1	3.9
COMMON CREEPING RED	4.4	4.4	5.1	4.1	5.0	3.9	4.2	3.5	2.9	3.2	4.9	1.7	3.7	2.5	3.8
LSD VALUE	0.6	0.2	1.0	0.8	0.7	0.8	0.5	1.0	0.8	0.7	2.3	1.5	0.8	1.1	0.3
C.V. (%)	6.7	3.0	11.0	9.2	6.6	9.9	6.8	15.0	11.0	9.4	27.5	28.7	10.8	13.0	13.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	MEAN
VIKING (ABT-HF1)	6.7	5.9	6.5	5.7	6.7	5.2	7.1	3.6	5.9	5.8	6.7	2.0	7.2	7.2	5.8
BERKSHIRE (4001)	6.6	5.7	6.5	5.4	6.4	5.1	7.2	3.8	5.6	5.4	6.8	1.7	7.3	7.8	5.7
SRX 3961	6.5	5.1	6.5	5.7	6.7	4.7	6.9	3.7	5.1	5.4	7.1	1.9	7.4	6.8	5.6
OXFORD	6.8	5.9	6.2	5.6	6.8	4.5	6.7	3.7	4.3	4.9	6.1	1.9	7.0	6.6	5.4
ABT-HF-2	6.4	5.7	6.0	5.4	6.5	4.5	6.7	3.8	4.7	4.5	6.6	1.7	7.2	7.3	5.4
CHARIOT (CIS FL 12)	6.4	4.6	6.1	5.4	6.3	4.3	6.8	3.6	4.9	4.7	6.7	1.7	6.8	7.1	5.4
STONEHENGE (AHF 009)	6.2	5.1	6.0	5.3	6.4	5.5	6.3	3.6	5.0	5.1	6.6	1.6	6.6	6.8	5.3
EUREKA II (CIS FL 11)	6.7	4.6	5.9	5.1	5.9	4.1	6.9	3.7	4.4	5.2	6.1	2.4	6.5	6.8	5.3
MINOTAUR	6.3	4.9	5.8	5.0	5.7	4.9	6.4	3.7	5.2	4.8	6.1	1.9	6.6	3.6	5.3
PST-4HM	6.6	6.1	6.3	5.1	5.8	4.1	6.2	3.6	4.1	4.7	6.4	2.4	6.7	6.4	5.2
HARDTOP (BAR HF 8 FUS)	6.5	5.2	5.9	5.2	6.4	5.0	6.9	3.9	4.2	3.9	6.4	1.6	6.7	7.6	5.2
NORDIC (E)	6.4	5.9	6.2	5.5	6.1	4.2	6.5	3.9	4.2	4.2	6.2	1.6	7.0	6.8	5.2
ABT-HF-3	6.1	5.7	6.0	5.2	6.1	4.5	6.7	3.6	5.1	5.0	5.9	1.5	6.8	4.0	5.2
DISCOVERY	6.3	5.2	5.7	5.1	6.0	4.5	6.7	3.8	4.4	4.7	6.1	1.5	6.8	6.6	5.2
RESCUE 911	6.2	5.7	5.4	5.3	5.8	3.6	6.5	3.7	4.6	4.2	6.5	1.6	6.9	6.7	5.1
PICK FF A-97	6.1	5.0	6.0	5.2	5.6	4.5	6.3	3.7	4.5	4.5	6.3	1.7	6.5	6.2	5.1
ABT-HF-4	6.2	5.0	6.1	5.0	5.7	4.4	6.6	3.5	4.5	4.7	6.0	1.7	6.9	5.3	5.1
HERON	6.1	5.6	5.4	5.2	5.8	4.1	6.7	3.6	4.2	5.1	6.3	1.7	6.7	4.7	5.0
RELIANT II	6.3	4.9	5.8	5.0	5.9	4.0	6.7	3.5	4.2	4.2	6.0	1.7	6.6	6.2	5.0
SCALDIS II (AHF 008)	6.2	4.9	6.0	4.9	5.7	4.5	6.2	3.6	3.3	4.2	6.0	2.0	6.7	4.4	5.0
OSPREY	6.4	5.1	5.4	5.1	5.6	5.3	6.5	3.8	3.8	4.6	5.7	1.4	6.5	5.7	5.0
SCALDIS	6.2	5.4	5.9	5.0	5.1	4.4	6.1	3.6	3.4	4.1	6.2	2.1	6.5	6.4	4.9
MB-82	6.0	5.1	5.7	4.9	5.3	5.1	6.1	3.7	3.3	4.1	6.0	1.5	6.3	6.7	4.8
DEFIANT	6.0	4.5	5.7	5.0	5.8	4.0	5.9	3.5	3.7	3.9	5.5	2.2	6.2	6.3	4.8
ATTILA E	6.1	5.2	5.6	4.3	5.0	4.9	6.3	3.5	3.5	4.2	6.0	1.7	6.2	5.3	4.7
BIGHORN	5.7	5.9	5.7	4.5	5.4	4.2	5.9	3.7	3.2	4.2	5.3	1.5	6.1	4.0	4.6
LSD VALUE	0.7	0.3	1.1	0.6	0.7	0.9	0.8	0.8	1.0	0.7	1.2	1.1	0.6	0.9	0.3
C.V. (%)	6.8	3.3	11.5	8.0	7.2	12.5	7.4	13.6	14.7	9.4	12.6	36.3	6.0	9.7	10.5

TABLE 2F.

MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
GROWN AT FOURTEEN LOCATIONS GROWN UNDER MEDIUM INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														
	CA1	CO1	IA1	IN1	KY1	MA1	MD1	MO1	NJ1	NJ2	NS1	OK1	PA1	RI1	MEAN
PST-4MB	5.9	6.2	6.1	4.7	6.4	4.6	6.2	3.9	5.2	4.3	6.1	1.6	6.6	5.1	5.2
QUATRO	5.4	4.9	5.5	4.4	3.7	4.1	5.9	3.7	3.8	4.5	6.0	1.7	5.5	5.9	4.5
SR 3200	5.4	5.4	5.6	4.3	5.0	4.5	5.3	3.6	3.0	4.0	5.5	2.0	5.9	3.8	4.4
SR 6000	3.5	4.4	4.2	3.7	3.4	3.0	5.0	4.0	1.8	2.5	4.1	2.2	4.1	1.1	3.4
LSD VALUE	0.4	0.3	0.6	0.5	0.9	0.8	0.7	0.9	1.1	0.7	1.4	0.9	0.6	0.8	0.2
C.V. (%)	4.8	3.2	6.9	7.9	11.9	12.3	7.5	14.5	20.6	10.8	16.1	25.6	6.6	12.6	11.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 3A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
LONGFELLOW II	6.8	5.4	6.6	7.3	6.2	4.9	5.6	5.4	5.2	5.3	5.8
BERKSHIRE (4001)	5.5	5.4	6.8	7.4	6.6	3.7	5.8	5.6	5.6	5.2	5.8
JASPER II	6.5	5.5	6.9	6.7	6.5	5.0	5.3	4.9	5.3	5.2	5.7
OXFORD	6.1	5.3	6.3	7.2	6.6	4.2	5.5	5.0	5.9	5.4	5.7
VIKING (ABT-HF1)	5.0	5.5	6.3	6.6	6.6	4.5	5.6	5.4	6.2	5.1	5.7
AMBASSADOR	6.1	5.2	6.4	7.2	6.3	4.7	5.3	4.7	5.2	5.4	5.6
SRX 52961	5.6	5.2	6.5	7.3	6.4	4.8	5.5	4.8	5.0	4.9	5.6
CINDY LOU (CIS FRR 7)	4.5	5.3	6.8	7.3	6.3	5.1	5.4	4.9	5.2	5.1	5.6
ABT-HF-2	5.8	5.3	5.9	6.7	6.5	4.2	5.8	5.0	5.9	5.0	5.6
NORDIC (E)	5.7	5.3	6.3	6.5	6.3	4.6	5.8	5.1	5.4	5.1	5.6
HARDTOP (BAR HF 8 FUS)	6.3	5.3	6.1	6.2	6.3	4.5	5.6	5.1	5.6	5.1	5.6
AMBROSE (ABT-CHW-3)	5.6	5.3	6.2	7.6	6.0	4.6	5.4	4.8	5.3	5.0	5.6
NAVIGATOR (CIS FRR 5)	5.7	5.0	7.3	6.8	6.3	5.1	5.3	4.7	4.9	4.6	5.6
TREAZURE (E)	6.1	5.3	6.5	7.0	6.3	4.5	5.3	4.6	5.0	4.9	5.6
STONEHENGE (AHF 009)	5.8	5.1	6.3	6.7	6.5	3.5	5.7	4.9	5.7	5.0	5.5
PST-4MB	6.4	5.4	6.2	7.3	6.4	3.9	5.4	4.8	5.2	4.5	5.5
ABT-CR-3	6.0	4.9	6.3	7.0	6.1	5.0	5.4	4.4	5.1	4.9	5.5
PICK FRC A-93	4.7	5.2	6.2	7.1	6.3	4.5	5.5	4.9	5.2	5.2	5.5
SR 5100	6.3	4.9	6.1	7.0	6.1	4.6	5.5	4.4	5.1	4.9	5.5
INTRIGUE	4.9	5.3	6.1	7.2	6.4	4.1	5.5	5.3	4.9	5.0	5.5
MB-63	5.4	5.2	6.5	6.8	6.0	5.0	5.5	4.8	4.8	4.7	5.5
SRX 3961	4.2	5.2	6.1	6.7	6.6	4.3	5.7	5.2	5.7	4.8	5.5
CHARIOT (CIS FL 12)	5.2	5.1	6.4	6.5	6.5	3.7	5.7	4.8	5.8	5.1	5.5
ABT-CHW-2	4.9	5.2	6.1	7.0	6.3	4.3	5.4	5.1	5.1	5.4	5.5
CULOMBRA	4.6	5.4	6.5	7.3	6.1	4.6	5.4	4.9	4.7	4.8	5.5
MAGIC	5.5	4.9	6.4	6.7	6.1	4.8	5.4	4.9	4.9	4.9	5.5
BAR CHF 8 FUS2	5.2	5.1	6.4	7.0	6.1	4.3	5.3	5.1	5.0	4.7	5.4
EUREKA II (CIS FL 11)	4.3	5.2	6.1	6.4	6.5	4.4	5.8	4.6	5.6	5.2	5.4
ABT-CR-2	5.7	5.0	6.9	7.0	6.1	4.3	5.3	4.4	4.7	5.1	5.4
ABT-CHW-1	5.8	5.0	6.4	7.3	6.0	4.6	5.1	4.5	4.7	5.0	5.4
PICK FF A-97	4.8	4.7	6.5	6.7	6.4	3.9	5.8	4.7	5.8	4.9	5.4
ABERDEEN (PST-EFL)	5.1	5.2	6.7	6.3	6.3	4.4	5.3	4.7	5.2	4.8	5.4
OSPREY	4.9	5.2	6.0	6.4	6.5	3.6	5.6	5.1	5.8	5.0	5.4
ABT-HF-3	6.2	5.1	5.7	6.4	6.6	4.2	5.3	4.9	5.2	4.6	5.4
ABT-HF-4	5.3	5.3	6.1	6.8	6.6	3.5	5.5	5.0	5.2	4.6	5.4
PST-4HM	4.9	5.5	6.3	6.3	6.4	3.9	5.8	4.7	5.2	4.7	5.4
TIFFANY	5.9	5.2	5.7	6.6	5.9	4.7	5.3	4.8	5.0	4.8	5.4
BRIDGEPORT	5.4	5.1	6.3	6.6	6.1	4.6	5.5	4.5	4.8	4.7	5.4
WRIGLEY (ACF 092)	4.5	5.3	6.4	6.5	6.2	4.5	5.5	4.7	4.8	4.9	5.4
BRITTANY	5.6	4.9	6.0	6.7	5.9	4.8	5.4	4.6	5.0	4.8	5.4
RELIANT II	5.2	5.1	6.0	6.4	6.6	3.9	5.5	4.9	5.6	4.5	5.4
RESCUE 911	5.1	5.0	5.9	6.0	6.6	4.0	5.6	5.0	5.9	4.5	5.4
PATHFINDER	4.6	4.8	6.6	7.0	6.2	4.6	5.3	4.6	4.6	4.9	5.4
SHADOW II	6.6	4.9	5.3	6.5	6.1	4.4	5.4	4.9	4.8	4.8	5.4

TABLE 3A. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
DISCOVERY	5.4	5.0	5.8	6.3	6.3	4.2	5.6	5.0	5.3	4.6	5.3
SILHOUETTE (PICK FRC 4-92)	5.1	5.1	5.7	7.0	6.1	4.8	5.4	4.8	4.6	4.8	5.3
MB-82	5.4	4.8	5.8	6.3	6.4	3.6	5.7	4.9	5.2	5.1	5.3
MINOTAUR	5.2	5.0	5.7	6.9	6.6	4.1	5.5	4.5	5.0	4.5	5.3
PST-4FR	4.4	4.8	6.6	7.3	6.1	4.2	5.3	4.8	4.6	4.7	5.3
BARGENA III (BAR CF 8 FUS1)	4.9	4.6	6.1	7.1	6.3	4.4	5.3	4.5	4.5	5.1	5.3
BAR SCF 8 FUS3	5.7	5.1	5.6	5.8	6.5	4.4	5.3	4.8	4.6	5.0	5.3
SHADEMASTER II	3.9	4.8	6.3	6.6	6.0	4.7	5.4	4.7	4.9	4.7	5.2
SCALDIS II (AHF 008)	4.6	5.1	5.7	6.2	6.2	3.3	5.6	5.3	5.5	4.7	5.2
SANDPIPER	5.6	5.1	6.3	6.3	5.7	4.4	5.3	4.4	4.8	4.7	5.2
BANNER III	5.1	4.7	5.4	6.8	6.1	4.6	5.3	4.9	4.5	4.8	5.2
QUATRO	5.3	4.4	5.7	6.5	6.2	3.6	5.5	4.9	4.9	5.1	5.2
SR 5210 (SRX 52LAV)	3.6	5.3	6.9	6.4	6.1	4.5	5.3	4.4	4.7	4.5	5.2
HERON	4.7	5.0	6.1	6.8	6.3	3.7	5.3	4.8	5.0	4.3	5.2
SCALDIS	4.2	4.8	6.2	6.1	6.3	3.3	5.6	5.0	5.5	4.7	5.2
ASR 049	4.8	4.9	5.8	6.3	6.4	3.9	5.4	5.0	4.3	4.9	5.2
DEFIANT	4.8	4.6	6.2	6.5	6.3	3.1	5.4	4.9	5.2	4.8	5.2
BIGHORN	5.3	5.3	5.4	6.6	6.2	3.5	5.3	4.8	5.0	4.5	5.2
SALSA	4.1	5.1	6.4	7.1	5.9	3.8	5.3	4.7	4.3	4.7	5.2
SEABREEZE	4.7	4.8	5.1	6.5	6.1	4.1	5.3	5.1	4.5	5.2	5.2
FLORENTINE	2.4	4.7	6.1	7.1	6.0	4.6	5.2	5.0	4.4	5.1	5.1
JAMESTOWN II	4.8	5.0	5.8	6.8	5.8	4.1	5.3	4.6	4.4	4.7	5.1
INVERNESS (PST-47TCR)	3.6	4.8	6.3	6.7	6.0	4.3	5.4	4.5	4.6	4.7	5.1
ATTILA E	5.4	4.6	6.5	6.5	6.4	3.2	5.4	4.8	5.1	3.2	5.1
DGSC 94	4.4	4.9	6.1	6.5	6.0	4.0	5.2	4.6	4.5	4.5	5.1
ROSE (ASC 087)	4.9	4.4	6.0	6.5	6.2	3.9	5.1	4.4	4.2	4.7	5.0
ACF 083	3.5	4.8	5.1	6.9	6.0	4.4	5.2	4.7	4.4	4.9	5.0
SHADEMARK	4.4	4.5	6.5	6.3	6.1	4.1	5.1	4.1	4.3	4.4	5.0
ASC 082	3.7	4.5	6.2	6.4	6.1	4.4	5.0	4.3	4.8	4.1	5.0
SR 3200	4.1	4.6	5.9	6.3	6.0	3.8	5.5	4.5	4.6	4.5	5.0
DAWSON E+	4.2	4.8	5.4	5.6	6.1	3.6	4.9	4.6	4.0	4.8	4.8
BOREAL	3.4	4.4	5.1	5.4	5.7	3.9	5.1	4.4	3.9	3.8	4.5
COMMON CREEPING RED	3.3	4.5	5.2	5.5	5.8	3.4	5.1	4.0	3.7	4.1	4.5
ASC 172	3.1	3.9	4.8	6.0	5.5	3.9	4.7	4.1	4.1	4.2	4.5
SR 6000	3.5	3.6	4.9	5.2	5.3	3.0	3.8	3.3	2.5	2.3	3.7
LSD VALUE	1.4	0.7	1.1	1.3	0.6	1.0	0.4	0.8	0.9	0.7	0.3
C.V. (%)	17.8	8.3	11.0	12.7	5.7	15.1	4.9	10.4	11.0	9.8	11.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3B.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
LONGFELLOW II	6.8	5.4	6.6	7.3	6.2	4.9	5.6	5.4	5.2	5.3	5.8
AMBASSADOR	6.1	5.2	6.4	7.2	6.3	4.7	5.3	4.7	5.2	5.4	5.6
AMBROSE (ABT-CHW-3)	5.6	5.3	6.2	7.6	6.0	4.6	5.4	4.8	5.3	5.0	5.6
TREAZURE (E)	6.1	5.3	6.5	7.0	6.3	4.5	5.3	4.6	5.0	4.9	5.6
PICK FRC A-93	4.7	5.2	6.2	7.1	6.3	4.5	5.5	4.9	5.2	5.2	5.5
SR 5100	6.3	4.9	6.1	7.0	6.1	4.6	5.5	4.4	5.1	4.9	5.5
INTRIGUE	4.9	5.3	6.1	7.2	6.4	4.1	5.5	5.3	4.9	5.0	5.5
MB-63	5.4	5.2	6.5	6.8	6.0	5.0	5.5	4.8	4.8	4.7	5.5
ABT-CHW-2	4.9	5.2	6.1	7.0	6.3	4.3	5.4	5.1	5.1	5.4	5.5
CULOMBRA	4.6	5.4	6.5	7.3	6.1	4.6	5.4	4.9	4.7	4.8	5.5
MAGIC	5.5	4.9	6.4	6.7	6.1	4.8	5.4	4.9	4.9	4.9	5.5
BAR CHF 8 FUS2	5.2	5.1	6.4	7.0	6.1	4.3	5.3	5.1	5.0	4.7	5.4
ABT-CHW-1	5.8	5.0	6.4	7.3	6.0	4.6	5.1	4.5	4.7	5.0	5.4
TIFFANY	5.9	5.2	5.7	6.6	5.9	4.7	5.3	4.8	5.0	4.8	5.4
BRIDGEPORT	5.4	5.1	6.3	6.6	6.1	4.6	5.5	4.5	4.8	4.7	5.4
WRIGLEY (ACF 092)	4.5	5.3	6.4	6.5	6.2	4.5	5.5	4.7	4.8	4.9	5.4
BRITTANY	5.6	4.9	6.0	6.7	5.9	4.8	5.4	4.6	5.0	4.8	5.4
SHADOW II	6.6	4.9	5.3	6.5	6.1	4.4	5.4	4.9	4.8	4.8	5.4
SILHOUETTE (PICK FRC 4-92)	5.1	5.1	5.7	7.0	6.1	4.8	5.4	4.8	4.6	4.8	5.3
SANDPIPER	5.6	5.1	6.3	6.3	5.7	4.4	5.3	4.4	4.8	4.7	5.2
BANNER III	5.1	4.7	5.4	6.8	6.1	4.6	5.3	4.9	4.5	4.8	5.2
JAMESTOWN II	4.8	5.0	5.8	6.8	5.8	4.1	5.3	4.6	4.4	4.7	5.1
ACF 083	3.5	4.8	5.1	6.9	6.0	4.4	5.2	4.7	4.4	4.9	5.0
LSD VALUE	1.4	0.6	1.1	1.0	0.6	1.0	0.4	0.8	0.9	0.7	0.3
C.V. (%)	16.6	7.5	11.1	8.7	6.3	13.5	4.7	10.3	11.2	8.2	10.4

TABLE 3C.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
BAR SCF 8 FUS3	5.7	5.1	5.6	5.8	6.5	4.4	5.3	4.8	4.6	5.0	5.3
ASR 049	4.8	4.9	5.8	6.3	6.4	3.9	5.4	5.0	4.3	4.9	5.2
SEABREEZE	4.7	4.8	5.1	6.5	6.1	4.1	5.3	5.1	4.5	5.2	5.2
DAWSON E+	4.2	4.8	5.4	5.6	6.1	3.6	4.9	4.6	4.0	4.8	4.8
LSD VALUE	1.1	0.8	1.3	1.3	0.6	0.7	0.5	0.8	0.8	0.5	0.3
C.V. (%)	13.7	10.1	14.6	13.3	6.0	11.3	6.5	9.9	11.3	6.0	11.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3D. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
JASPER II	6.5	5.5	6.9	6.7	6.5	5.0	5.3	4.9	5.3	5.2	5.7
SRX 52961	5.6	5.2	6.5	7.3	6.4	4.8	5.5	4.8	5.0	4.9	5.6
CINDY LOU (CIS FRR 7)	4.5	5.3	6.8	7.3	6.3	5.1	5.4	4.9	5.2	5.1	5.6
NAVIGATOR (CIS FRR 5)	5.7	5.0	7.3	6.8	6.3	5.1	5.3	4.7	4.9	4.6	5.6
ABT-CR-3	6.0	4.9	6.3	7.0	6.1	5.0	5.4	4.4	5.1	4.9	5.5
ABT-CR-2	5.7	5.0	6.9	7.0	6.1	4.3	5.3	4.4	4.7	5.1	5.4
ABERDEEN (PST-EFL)	5.1	5.2	6.7	6.3	6.3	4.4	5.3	4.7	5.2	4.8	5.4
PATHFINDER	4.6	4.8	6.6	7.0	6.2	4.6	5.3	4.6	4.6	4.9	5.4
PST-4FR	4.4	4.8	6.6	7.3	6.1	4.2	5.3	4.8	4.6	4.7	5.3
BARGENA III (BAR CF 8 FUS1)	4.9	4.6	6.1	7.1	6.3	4.4	5.3	4.5	4.5	5.1	5.3
SHADEMASTER II	3.9	4.8	6.3	6.6	6.0	4.7	5.4	4.7	4.9	4.7	5.2
SR 5210 (SRX 52LAV)	3.6	5.3	6.9	6.4	6.1	4.5	5.3	4.4	4.7	4.5	5.2
SALSA	4.1	5.1	6.4	7.1	5.9	3.8	5.3	4.7	4.3	4.7	5.2
FLORENTINE	2.4	4.7	6.1	7.1	6.0	4.6	5.2	5.0	4.4	5.1	5.1
INVERNESS (PST-47TCR)	3.6	4.8	6.3	6.7	6.0	4.3	5.4	4.5	4.6	4.7	5.1
DGSC 94	4.4	4.9	6.1	6.5	6.0	4.0	5.2	4.6	4.5	4.5	5.1
ROSE (ASC 087)	4.9	4.4	6.0	6.5	6.2	3.9	5.1	4.4	4.2	4.7	5.0
SHADEMARK	4.4	4.5	6.5	6.3	6.1	4.1	5.1	4.1	4.3	4.4	5.0
ASC 082	3.7	4.5	6.2	6.4	6.1	4.4	5.0	4.3	4.8	4.1	5.0
BOREAL	3.4	4.4	5.1	5.4	5.7	3.9	5.1	4.4	3.9	3.8	4.5
COMMON CREEPING RED	3.3	4.5	5.2	5.5	5.8	3.4	5.1	4.0	3.7	4.1	4.5
ASC 172	3.1	3.9	4.8	6.0	5.5	3.9	4.7	4.1	4.1	4.2	4.5
LSD VALUE	1.1	0.6	1.0	1.1	0.5	0.7	0.4	0.8	0.8	0.7	0.3
C.V. (%)	15.5	7.9	9.7	10.7	5.1	9.8	4.6	10.7	11.1	9.6	9.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
BERKSHIRE (4001)	5.5	5.4	6.8	7.4	6.6	3.7	5.8	5.6	5.6	5.2	5.8
OXFORD	6.1	5.3	6.3	7.2	6.6	4.2	5.5	5.0	5.9	5.4	5.7
VIKING (ABT-HF1)	5.0	5.5	6.3	6.6	6.6	4.5	5.6	5.4	6.2	5.1	5.7
ABT-HF-2	5.8	5.3	5.9	6.7	6.5	4.2	5.8	5.0	5.9	5.0	5.6
NORDIC (E)	5.7	5.3	6.3	6.5	6.3	4.6	5.8	5.1	5.4	5.1	5.6
HARDTOP (BAR HF 8 FUS)	6.3	5.3	6.1	6.2	6.3	4.5	5.6	5.1	5.6	5.1	5.6
STONEHENGE (AHF 009)	5.8	5.1	6.3	6.7	6.5	3.5	5.7	4.9	5.7	5.0	5.5
SRX 3961	4.2	5.2	6.1	6.7	6.6	4.3	5.7	5.2	5.7	4.8	5.5
CHARIOT (CIS FL 12)	5.2	5.1	6.4	6.5	6.5	3.7	5.7	4.8	5.8	5.1	5.5
EUREKA II (CIS FL 11)	4.3	5.2	6.1	6.4	6.5	4.4	5.8	4.6	5.6	5.2	5.4
PICK FF A-97	4.8	4.7	6.5	6.7	6.4	3.9	5.8	4.7	5.8	4.9	5.4
OSPREY	4.9	5.2	6.0	6.4	6.5	3.6	5.6	5.1	5.8	5.0	5.4
ABT-HF-3	6.2	5.1	5.7	6.4	6.6	4.2	5.3	4.9	5.2	4.6	5.4
ABT-HF-4	5.3	5.3	6.1	6.8	6.6	3.5	5.5	5.0	5.2	4.6	5.4
PST-4HM	4.9	5.5	6.3	6.3	6.4	3.9	5.8	4.7	5.2	4.7	5.4
RELIANT II	5.2	5.1	6.0	6.4	6.6	3.9	5.5	4.9	5.6	4.5	5.4
RESCUE 911	5.1	5.0	5.9	6.0	6.6	4.0	5.6	5.0	5.9	4.5	5.4
DISCOVERY	5.4	5.0	5.8	6.3	6.3	4.2	5.6	5.0	5.3	4.6	5.3
MB-82	5.4	4.8	5.8	6.3	6.4	3.6	5.7	4.9	5.2	5.1	5.3
MINOTAUR	5.2	5.0	5.7	6.9	6.6	4.1	5.5	4.5	5.0	4.5	5.3
SCALDIS II (AHF 008)	4.6	5.1	5.7	6.2	6.2	3.3	5.6	5.3	5.5	4.7	5.2
HERON	4.7	5.0	6.1	6.8	6.3	3.7	5.3	4.8	5.0	4.3	5.2
SCALDIS	4.2	4.8	6.2	6.1	6.3	3.3	5.6	5.0	5.5	4.7	5.2
DEFIANT	4.8	4.6	6.2	6.5	6.3	3.1	5.4	4.9	5.2	4.8	5.2
BIGHORN	5.3	5.3	5.4	6.6	6.2	3.5	5.3	4.8	5.0	4.5	5.2
ATTILA E	5.4	4.6	6.5	6.5	6.4	3.2	5.4	4.8	5.1	3.2	5.1
LSD VALUE	1.7	0.7	1.1	1.7	0.6	1.3	0.5	0.8	0.9	0.9	0.4
C.V. (%)	19.9	8.9	11.2	16.0	5.4	20.7	4.9	9.9	10.7	11.5	12.6

TABLE 3F.

MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
GROWN AT TEN LOCATIONS GROWN UNDER LOW INPUT 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	IL1	KS1	ME2	MI1	NC1	QE1	UT1	VA1	WA1	MEAN
PST-4MB	6.4	5.4	6.2	7.3	6.4	3.9	5.4	4.8	5.2	4.5	5.5
QUATRO	5.3	4.4	5.7	6.5	6.2	3.6	5.5	4.9	4.9	5.1	5.2
SR 3200	4.1	4.6	5.9	6.3	6.0	3.8	5.5	4.5	4.6	4.5	5.0
SR 6000	3.5	3.6	4.9	5.2	5.3	3.0	3.8	3.3	2.5	2.3	3.7
LSD VALUE	1.7	0.7	0.9	1.8	0.6	1.0	0.3	1.0	0.6	0.8	0.3
C.V. (%)	21.5	9.3	9.7	17.9	5.9	16.3	4.0	13.9	9.1	11.8	13.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN	NAME	NE1	MI2	MEAN
STONEHENGE (AHF 009)	5.8	5.7	5.9	BANNER III	4.8	5.8	5.1
MINOTAUR	5.9	5.7	5.9	BAR SCF 8 FUS3	4.9	5.4	5.0
JASPER II	6.2	5.1	5.9	TREAZURE (E)	5.2	4.3	5.0
PST-4MB	5.7	5.5	5.8	RESCUE 911	4.9	4.9	5.0
HERON	5.8	5.2	5.8	MB-63	5.1	4.3	5.0
EUREKA II (CIS FL 11)	6.0	5.0	5.8	PICK FRC A-93	4.9	5.2	4.9
SR 3200	5.9	4.8	5.8	DEFIANT	4.7	5.3	4.9
DISCOVERY	5.7	5.7	5.7	ASR 049	4.6	5.5	4.9
QUATRO	5.9	5.4	5.7	AMBASSADOR	4.4	6.2	4.8
ABT-HF-2	5.9	5.3	5.7	PICK FF A-97	4.8	4.9	4.8
RELIANT II	6.3	3.8	5.7	BRITTANY	4.7	5.6	4.8
ABT-HF-3	6.0	5.0	5.7	SCALDIS	4.4	5.1	4.7
OXFORD	5.4	6.2	5.7	SEABREEZE	4.9	3.9	4.7
MAGIC	5.8	5.3	5.7	DAWSON E+	4.2	5.9	4.6
SR 5100	6.0	4.9	5.7	COMMON CREEPING RED	4.3	5.4	4.5
MB-82	5.5	6.0	5.7	ABT-CHW-1	4.5	4.2	4.5
PATHFINDER	5.5	6.1	5.7	SILHOUETTE (PICK FRC 4-92)	4.1	5.6	4.5
SRX 3961	5.6	5.3	5.6	ROSE (ASC 087)	4.5	4.8	4.4
ABT-CHW-2	6.1	4.5	5.6	SHADEMASTER II	4.2	5.0	4.4
ABT-HF-4	5.7	5.0	5.6	SANDPIPER	4.1	5.2	4.4
CHARIOT (CIS FL 12)	5.8	4.4	5.5	BAR CHF 8 FUS2	4.1	5.8	4.4
OSPREY	5.6	4.5	5.5	BOREAL	4.1	5.2	4.4
HARDTOP (BAR HF 8 FUS)	5.3	5.8	5.5	ABT-CR-2	4.2	5.1	4.3
JAMESTOWN II	5.5	5.1	5.5	ABT-CR-3	4.2	4.9	4.3
ATTILA E	5.5	5.1	5.5	PST-4HM	3.5	5.4	4.3
SCALDIS II (AHF 008)	5.4	5.4	5.4	CULOMBRA	3.9	4.7	4.1
WRIGLEY (ACF 092)	5.0	6.4	5.4	SHADEMARK	4.0	4.9	4.1
NORDIC (E)	5.8	4.3	5.4	ASC 082	3.6	5.6	4.0
BRIDGEPORT	5.7	4.4	5.4	NAVIGATOR (CIS FRR 5)	3.6	5.2	4.0
LONGFELLOW II	5.5	4.6	5.4	INVERNESS (PST-47TCR)	3.7	5.2	3.9
SALSA	5.3	5.8	5.4	DGSC 94	3.6	4.9	3.8
AMBROSE (ABT-CHW-3)	5.5	5.2	5.4	ACF 083	3.0	6.4	3.7
SR 6000	5.3	5.3	5.4	SRX 52961	3.6	4.5	3.6
BIGHORN	5.5	4.7	5.3	ABERDEEN (PST-EFL)	3.5	5.0	3.6
SHADOW II	5.1	5.2	5.2	ASC 172	3.1	5.1	3.6
INTRIGUE	5.4	5.1	5.2	FLORENTINE	3.2	5.1	3.5
BARGENA III (BAR CF 8 FUS1)	5.0	5.6	5.2	CINDY LOU (CIS FRR 7)	3.1	4.7	3.3
PST-4FR	5.2	4.9	5.1	SR 5210 (SRX 52LAV)	2.8	4.6	3.1
BERKSHIRE (4001)	4.7	5.7	5.1				
VIKING (ABT-HF1)	5.5	4.0	5.1	LSO VALUE	2.1	1.3	1.7
TIFFANY	4.9	4.8	5.1	C.V. (%)	26.4	17.5	24.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN
MAGIC	5.8	5.3	5.7
SR 5100	6.0	4.9	5.7
ABT-CHW-2	6.1	4.5	5.6
JAMESTOWN II	5.5	5.1	5.5
WRIGLEY (ACF 092)	5.0	6.4	5.4
BRIDGEPORT	5.7	4.4	5.4
LONGFELLOW II	5.5	4.6	5.4
AMBROSE (ABT-CHW-3)	5.5	5.2	5.4
SHADOW II	5.1	5.2	5.2
INTRIGUE	5.4	5.1	5.2
TIFFANY	4.9	4.8	5.1
BANNER III	4.8	5.8	5.1
TREAZURE (E)	5.2	4.3	5.0
MB-63	5.1	4.3	5.0
PICK FRC A-93	4.9	5.2	4.9
AMBASSADOR	4.4	6.2	4.8
BRITTANY	4.7	5.6	4.8
ABT-CHW-1	4.5	4.2	4.5
SILHOUETTE (PICK FRC 4-92)	4.1	5.6	4.5
SANDPIPER	4.1	5.2	4.4
BAR CHF 8 FUS2	4.1	5.8	4.4
CULOMBRA	3.9	4.7	4.1
ACF 083	3.0	6.4	3.7
LSD VALUE	2.5	1.3	2.0
C.V. (%)	31.5	17.2	28.6

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN
BAR SCF 8 FUS3	4.9	5.4	5.0
ASR 049	4.6	5.5	4.9
SEABREEZE	4.9	3.9	4.7
DAWSON E+	4.2	5.9	4.6
LSD VALUE	1.5	1.0	1.2
C.V. (%)	19.7	13.4	18.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4D. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN
JASPER II	6.2	5.1	5.9
PATHFINDER	5.5	6.1	5.7
SALSA	5.3	5.8	5.4
BARGENA III (BAR CF 8 FUS1)	5.0	5.6	5.2
PST-4FR	5.2	4.9	5.1
COMMON CREEPING RED	4.3	5.4	4.5
ROSE (ASC 087)	4.5	4.8	4.4
SHADEMASTER II	4.2	5.0	4.4
BOREAL	4.1	5.2	4.4
ABT-CR-2	4.2	5.1	4.3
ABT-CR-3	4.2	4.9	4.3
SHADEMARK	4.0	4.9	4.1
ASC 082	3.6	5.6	4.0
NAVIGATOR (CIS FRR 5)	3.6	5.2	4.0
INVERNESS (PST-47TCR)	3.7	5.2	3.9
DGSC 94	3.6	4.9	3.8
SRX 52961	3.6	4.5	3.6
ABERDEEN (PST-EFL)	3.5	5.0	3.6
ASC 172	3.1	5.1	3.6
FLORENTINE	3.2	5.1	3.5
CINDY LOU (CIS FRR 7)	3.1	4.7	3.3
SR 5210 (SRX 52LAV)	2.8	4.6	3.1
LSD VALUE	2.4	1.4	2.0
C.V. (%)	37.3	18.9	34.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 4E. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN
STONEHENGE (AHF 009)	5.8	5.7	5.9
MINOTAUR	5.9	5.7	5.9
HERON	5.8	5.2	5.8
EUREKA II (CIS FL 11)	6.0	5.0	5.8
DISCOVERY	5.7	5.7	5.7
ABT-HF-2	5.9	5.3	5.7
RELIANT II	6.3	3.8	5.7
ABT-HF-3	6.0	5.0	5.7
OXFORD	5.4	6.2	5.7
MB-82	5.5	6.0	5.7
SRX 3961	5.6	5.3	5.6
ABT-HF-4	5.7	5.0	5.6
CHARIOT (CIS FL 12)	5.8	4.4	5.5
OSPREY	5.6	4.5	5.5
HARDTOP (BAR HF 8 FUS)	5.3	5.8	5.5
ATTILA E	5.5	5.1	5.5
SCALDIS II (AHF 008)	5.4	5.4	5.4
NORDIC (E)	5.8	4.3	5.4
BIGHORN	5.5	4.7	5.3
BERKSHIRE (4001)	4.7	5.7	5.1
VIKING (ABT-HF1)	5.5	4.0	5.1
RESCUE 911	4.9	4.9	5.0
DEFIANT	4.7	5.3	4.9
PICK FF A-97	4.8	4.9	4.8
SCALDIS	4.4	5.1	4.7
PST-4HM	3.5	5.4	4.3
LSD VALUE	1.4	1.3	1.1
C.V. (%)	15.9	17.3	15.3

TABLE 4F. MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT TWO LOCATIONS GROWN UNDER SHADE 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NE1	MI2	MEAN
PST-4MB	5.7	5.5	5.8
SR 3200	5.9	4.8	5.8
QUATRO	5.9	5.4	5.7
SR 6000	5.3	5.3	5.4
LSD VALUE	1.3	1.4	1.2
C.V. (%)	14.3	18.0	15.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TREAZURE (E)	6.4	6.3	5.7	5.9	5.8	6.2	6.3	5.7	6.1
LONGFELLOW II	6.2	6.3	6.1	6.1	5.8	6.1	5.8	5.3	6.0
BRIDGEPORT	6.4	5.9	5.8	5.6	5.8	6.0	6.1	5.5	5.9
JASPER II	6.3	5.8	5.5	5.8	5.7	5.8	5.7	5.7	5.8
AMBASSADOR	6.1	6.0	5.6	5.7	5.8	5.6	5.8	5.3	5.8
SR 5100	6.6	5.8	5.6	5.5	5.3	5.8	5.7	5.2	5.7
ACF 083	6.0	5.8	5.4	5.8	5.5	5.8	5.8	5.2	5.7
SRX 52961	6.2	5.7	5.2	5.5	5.5	5.8	5.8	5.5	5.7
ABT-CHW-1	6.2	5.9	5.6	5.5	5.4	5.7	5.6	4.7	5.6
TIFFANY	6.6	5.8	5.3	5.5	5.4	5.5	5.5	5.0	5.6
INTRIGUE	5.9	6.1	5.3	5.3	5.3	5.7	5.8	5.0	5.6
SILHOUETTE (PICK FRC 4-92)	6.2	5.7	5.1	5.3	5.4	5.5	5.8	5.2	5.5
ABT-CHW-2	6.6	5.9	5.5	5.4	5.1	5.3	5.5	4.8	5.5
CINDY LOU (CIS FRR 7)	5.9	5.8	5.1	5.3	5.5	5.4	5.6	5.0	5.5
PATHFINDER	6.4	5.8	5.1	5.3	4.9	5.4	5.8	5.0	5.5
CULOMBRA	5.7	5.9	5.4	5.3	5.3	5.4	5.5	5.0	5.5
BANNER III	5.8	5.7	5.2	5.3	5.3	5.3	5.8	5.2	5.4
SRX 3961	6.0	5.6	5.3	5.0	5.3	5.4	5.8	5.2	5.4
SANDPIPER	6.3	5.7	5.3	5.3	5.0	5.2	5.7	4.7	5.4
NAVIGATOR (CIS FRR 5)	6.0	5.5	5.1	5.1	5.5	5.4	5.5	5.0	5.4
ABERDEEN (PST-EFL)	6.0	5.8	5.1	4.9	5.4	5.2	5.6	5.0	5.4
AMBROSE (ABT-CHW-3)	6.3	6.0	5.5	5.0	4.9	5.2	5.3	4.5	5.4
WRIGLEY (ACF 092)	6.1	5.8	5.1	5.0	5.0	5.3	5.6	4.8	5.4
SALSA	6.4	5.7	5.3	5.3	4.6	5.3	5.5	4.7	5.4
BRITTANY	6.0	5.5	5.3	5.2	5.0	5.2	5.6	4.8	5.3
BAR CHF 8 FUS2	5.9	5.7	5.2	5.2	5.1	5.2	5.6	4.7	5.3
BAR SCF 8 FUS3	6.1	5.6	5.5	5.1	4.7	5.0	5.6	5.2	5.3
JAMESTOWN II	5.9	5.6	5.4	5.2	4.9	5.0	5.5	5.0	5.3
SHADOW II	6.0	5.6	5.2	5.3	5.0	5.1	5.3	4.8	5.3
MB-63	5.8	5.6	5.2	5.1	5.0	5.3	5.4	4.8	5.3
ASR 049	6.0	5.3	5.5	5.1	4.6	5.2	5.7	5.0	5.3
ABT-CR-2	6.1	6.1	5.1	5.1	4.6	5.0	5.4	5.2	5.3
DAWSON E+	6.0	5.4	5.0	5.0	5.1	5.3	5.6	4.7	5.3
MAGIC	6.2	5.6	5.1	5.2	4.9	5.0	5.5	4.5	5.3
FLORENTINE	6.2	5.4	4.9	4.9	4.8	4.9	5.4	5.0	5.2
SEABREEZE	6.0	5.3	5.1	5.1	4.9	4.8	5.3	4.7	5.2
SHADEMASTER II	6.0	5.4	5.0	4.8	4.8	4.8	5.5	5.0	5.2
DGSC 94	6.1	5.5	4.8	4.9	4.7	4.9	5.3	5.0	5.1
ABT-CR-3	5.7	5.6	4.8	4.9	4.9	5.2	5.1	4.7	5.1
SR 5210 (SRX 52LAV)	6.2	5.3	4.8	4.7	4.9	4.8	5.3	4.7	5.1
BERKSHIRE (4001)	5.7	5.2	4.9	4.9	4.9	5.0	5.2	4.8	5.1
INVERNESS (PST-47TCR)	5.4	5.2	4.8	5.0	4.9	4.9	5.3	4.8	5.1
ROSE (ASC 087)	5.9	5.3	4.8	5.1	4.6	4.8	5.3	4.7	5.0
PST-4FR	5.4	5.5	4.8	4.9	4.4	5.0	5.2	5.0	5.0

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH  
 (CONT'D) MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/  
 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/									
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BARGENA III (BAR CF 8 FUS1)	5.8	5.1	4.8	4.8	4.6	4.8	5.3	4.7	5.0
DISCOVERY	6.0	5.3	4.8	4.4	4.8	4.6	5.1	4.5	5.0
SHADEMARK	5.6	5.2	4.6	4.6	4.8	5.1	5.0	4.7	4.9
BOREAL	6.4	5.3	4.5	4.6	4.4	4.6	5.2	4.7	4.9
RELIANT II	5.8	5.4	4.9	4.3	4.7	4.5	5.3	4.5	4.9
ABT-HF-4	5.7	5.2	4.8	4.5	4.6	4.6	5.3	4.8	4.9
VIKING (ABT-HF1)	5.6	5.0	4.6	4.5	4.8	4.9	5.1	4.7	4.9
HARDTOP (BAR HF 8 FUS)	5.7	5.3	4.7	4.3	4.4	4.5	5.3	4.5	4.8
OXFORD	5.7	5.3	4.7	4.1	4.4	4.5	5.3	4.5	4.8
COMMON CREEPING RED	6.2	5.2	4.7	4.6	4.1	4.1	5.0	4.5	4.8
HERON	5.9	5.1	4.6	4.2	4.5	4.6	4.9	4.5	4.8
CHARIOT (CIS FL 12)	5.6	5.0	4.5	4.3	4.3	4.4	5.1	4.7	4.7
PST-4HM	5.6	5.1	4.6	4.3	4.4	4.4	5.0	4.5	4.7
ASC 082	5.1	5.0	4.4	4.4	4.5	4.6	5.1	4.7	4.7
STONEHENGE (AHF 009)	5.9	5.2	4.6	4.3	4.3	4.3	4.8	4.2	4.7
NORDIC (E)	5.3	4.8	4.5	4.1	4.4	4.5	5.1	4.7	4.7
ATTILA E	5.6	4.8	4.6	4.3	4.5	4.3	4.9	4.2	4.7
QUATRO	5.3	4.8	4.5	4.1	4.4	4.3	5.1	4.7	4.6
PICK FRC A-93	5.3	5.1	4.7	4.4	4.4	4.1	4.8	4.2	4.6
ABT-HF-3	5.3	4.9	4.5	4.3	4.3	4.3	5.1	4.3	4.6
MINOTAUR	5.4	4.8	4.5	4.3	4.4	4.2	4.9	4.3	4.6
PST-4MB	5.2	4.8	4.4	4.2	4.3	4.3	5.0	4.5	4.6
PICK FF A-97	5.1	4.8	4.4	4.1	4.4	4.4	5.0	4.3	4.6
EUREKA II (CIS FL 11)	5.8	4.7	4.5	4.1	4.2	4.3	4.8	4.3	4.6
RESCUE 911	5.2	4.7	4.2	4.2	4.3	4.4	5.2	4.7	4.6
SCALDIS II (AHF 008)	5.8	5.0	4.4	4.2	4.3	4.1	4.8	4.0	4.6
OSPREY	5.2	4.9	4.7	4.0	4.1	4.1	5.0	4.7	4.6
ABT-HF-2	5.0	4.8	4.3	4.0	4.3	4.3	4.8	4.5	4.5
BIGHORN	5.0	4.7	4.3	4.0	4.5	4.3	4.9	4.2	4.5
DEFIANT	5.0	4.7	4.3	4.1	4.2	4.3	4.9	4.2	4.5
MB-82	4.7	4.8	4.3	4.3	4.0	4.3	4.8	4.5	4.4
SR 3200	6.0	4.8	4.1	4.0	3.8	4.2	4.7	4.2	4.4
SCALDIS	5.3	4.8	4.0	3.9	4.0	4.2	4.8	4.5	4.4
ASC 172	5.1	4.7	3.9	4.0	4.0	4.3	4.8	4.3	4.4
SR 6000	5.7	4.7	4.4	3.8	3.7	3.4	4.3	3.3	4.2
LSD VALUE	1.5	0.7	1.3	1.2	1.2	1.0	1.1	0.8	0.8
C.V. (%)	27.4	16.4	32.0	30.0	32.4	26.2	24.9	14.5	20.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/									
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TREAZURE (E)	6.4	6.3	5.7	5.9	5.8	6.2	6.3	5.7	6.1
LONGFELLOW II	6.2	6.3	6.1	6.1	5.8	6.1	5.8	5.3	6.0
BRIDGEPORT	6.4	5.9	5.8	5.6	5.8	6.0	6.1	5.5	5.9
AMBASSADOR	6.1	6.0	5.6	5.7	5.8	5.6	5.8	5.3	5.8
SR 5100	6.6	5.8	5.6	5.5	5.3	5.8	5.7	5.2	5.7
ACF 083	6.0	5.8	5.4	5.8	5.5	5.8	5.8	5.2	5.7
ABT-CHW-1	6.2	5.9	5.6	5.5	5.4	5.7	5.6	4.7	5.6
TIFFANY	6.6	5.8	5.3	5.5	5.4	5.5	5.5	5.0	5.6
INTRIGUE	5.9	6.1	5.3	5.3	5.3	5.7	5.8	5.0	5.6
SILHOUETTE (PICK FRC 4-92)	6.2	5.7	5.1	5.3	5.4	5.5	5.8	5.2	5.5
ABT-CHW-2	6.6	5.9	5.5	5.4	5.1	5.3	5.5	4.8	5.5
CULOMBRA	5.7	5.9	5.4	5.3	5.3	5.4	5.5	5.0	5.5
BANNER III	5.8	5.7	5.2	5.3	5.3	5.3	5.8	5.2	5.4
SANDPIPER	6.3	5.7	5.3	5.3	5.0	5.2	5.7	4.7	5.4
AMBROSE (ABT-CHW-3)	6.3	6.0	5.5	5.0	4.9	5.2	5.3	4.5	5.4
WRIGLEY (ACF 092)	6.1	5.8	5.1	5.0	5.0	5.3	5.6	4.8	5.4
BRITTANY	6.0	5.5	5.3	5.2	5.0	5.2	5.6	4.8	5.3
BAR CHF 8 FUS2	5.9	5.7	5.2	5.2	5.1	5.2	5.6	4.7	5.3
JAMESTOWN II	5.9	5.6	5.4	5.2	4.9	5.0	5.5	5.0	5.3
SHADOW II	6.0	5.6	5.2	5.3	5.0	5.1	5.3	4.8	5.3
MB-63	5.8	5.6	5.2	5.1	5.0	5.3	5.4	4.8	5.3
MAGIC	6.2	5.6	5.1	5.2	4.9	5.0	5.5	4.5	5.3
PICK FRC A-93	5.3	5.1	4.7	4.4	4.4	4.1	4.8	4.2	4.6
LSD VALUE	1.4	0.7	1.3	1.0	1.2	1.0	1.0	0.8	0.8
C.V. (%)	25.5	15.6	30.0	23.7	27.8	22.2	22.6	14.5	18.6

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/									
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BAR SCF 8 FUS3	6.1	5.6	5.5	5.1	4.7	5.0	5.6	5.2	5.3
ASR 049	6.0	5.3	5.5	5.1	4.6	5.2	5.7	5.0	5.3
DAWSON E+	6.0	5.4	5.0	5.0	5.1	5.3	5.6	4.7	5.3
SEABREEZE	6.0	5.3	5.1	5.1	4.9	4.8	5.3	4.7	5.2
LSD VALUE	1.5	0.7	1.1	1.2	1.2	1.1	1.1	0.6	0.8
C.V. (%)	26.7	16.0	25.1	28.4	32.2	27.5	24.2	10.8	19.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5D. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JASPER II	6.3	5.8	5.5	5.8	5.7	5.8	5.7	5.7	5.8
SRX 52961	6.2	5.7	5.2	5.5	5.5	5.8	5.8	5.5	5.7
CINDY LOU (CIS FRR 7)	5.9	5.8	5.1	5.3	5.5	5.4	5.6	5.0	5.5
PATHFINDER	6.4	5.8	5.1	5.3	4.9	5.4	5.8	5.0	5.5
NAVIGATOR (CIS FRR 5)	6.0	5.5	5.1	5.1	5.5	5.4	5.5	5.0	5.4
ABERDEEN (PST-EFL)	6.0	5.8	5.1	4.9	5.4	5.2	5.6	5.0	5.4
SALSA	6.4	5.7	5.3	5.3	4.6	5.3	5.5	4.7	5.4
ABT-CR-2	6.1	6.1	5.1	5.1	4.6	5.0	5.4	5.2	5.3
FLORENTINE	6.2	5.4	4.9	4.9	4.8	4.9	5.4	5.0	5.2
SHADEMASTER II	6.0	5.4	5.0	4.8	4.8	4.8	5.5	5.0	5.2
DGSC 94	6.1	5.5	4.8	4.9	4.7	4.9	5.3	5.0	5.1
ABT-CR-3	5.7	5.6	4.8	4.9	4.9	5.2	5.1	4.7	5.1
SR 5210 (SRX 52LAV)	6.2	5.3	4.8	4.7	4.9	4.8	5.3	4.7	5.1
INVERNESS (PST-47TCR)	5.4	5.2	4.8	5.0	4.9	4.9	5.3	4.8	5.1
ROSE (ASC 087)	5.9	5.3	4.8	5.1	4.6	4.8	5.3	4.7	5.0
PST-4FR	5.4	5.5	4.8	4.9	4.4	5.0	5.2	5.0	5.0
BARGENA III (BAR CF 8 FUS1)	5.8	5.1	4.8	4.8	4.6	4.8	5.3	4.7	5.0
SHADEMARK	5.6	5.2	4.6	4.6	4.8	5.1	5.0	4.7	4.9
BOREAL	6.4	5.3	4.5	4.6	4.4	4.6	5.2	4.7	4.9
COMMON CREEPING RED	6.2	5.2	4.7	4.6	4.1	4.1	5.0	4.5	4.8
ASC 082	5.1	5.0	4.4	4.4	4.5	4.6	5.1	4.7	4.7
ASC 172	5.1	4.7	3.9	4.0	4.0	4.3	4.8	4.3	4.4
LSD VALUE	1.5	0.7	1.2	1.2	1.3	1.0	1.1	0.7	0.8
C.V. (%)	26.5	16.5	31.1	29.7	33.6	26.0	25.7	12.0	20.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5E. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/									
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
SRX 3961	6.0	5.6	5.3	5.0	5.3	5.4	5.8	5.2	5.4
BERKSHIRE (4001)	5.7	5.2	4.9	4.9	4.9	5.0	5.2	4.8	5.1
DISCOVERY	6.0	5.3	4.8	4.4	4.8	4.6	5.1	4.5	5.0
RELIANT II	5.8	5.4	4.9	4.3	4.7	4.5	5.3	4.5	4.9
ABT-HF-4	5.7	5.2	4.8	4.5	4.6	4.6	5.3	4.8	4.9
VIKING (ABT-HF1)	5.6	5.0	4.6	4.5	4.8	4.9	5.1	4.7	4.9
HARDTOP (BAR HF 8 FUS)	5.7	5.3	4.7	4.3	4.4	4.5	5.3	4.5	4.8
OXFORD	5.7	5.3	4.7	4.1	4.4	4.5	5.3	4.5	4.8
HERON	5.9	5.1	4.6	4.2	4.5	4.6	4.9	4.5	4.8
CHARIOT (CIS FL 12)	5.6	5.0	4.5	4.3	4.3	4.4	5.1	4.7	4.7
PST-4HM	5.6	5.1	4.6	4.3	4.4	4.4	5.0	4.5	4.7
STONEHENGE (AHF 009)	5.9	5.2	4.6	4.3	4.3	4.3	4.8	4.2	4.7
NORDIC (E)	5.3	4.8	4.5	4.1	4.4	4.5	5.1	4.7	4.7
ATTILA E	5.6	4.8	4.6	4.3	4.5	4.3	4.9	4.2	4.7
ABT-HF-3	5.3	4.9	4.5	4.3	4.3	4.3	5.1	4.3	4.6
MINOTAUR	5.4	4.8	4.5	4.3	4.4	4.2	4.9	4.3	4.6
PICK FF A-97	5.1	4.8	4.4	4.1	4.4	4.4	5.0	4.3	4.6
EUREKA II (CIS FL 11)	5.8	4.7	4.5	4.1	4.2	4.3	4.8	4.3	4.6
RESCUE 911	5.2	4.7	4.2	4.2	4.3	4.4	5.2	4.7	4.6
SCALDIS II (AHF 008)	5.8	5.0	4.4	4.2	4.3	4.1	4.8	4.0	4.6
OSPREY	5.2	4.9	4.7	4.0	4.1	4.1	5.0	4.7	4.6
ABT-HF-2	5.0	4.8	4.3	4.0	4.3	4.3	4.8	4.5	4.5
BIGHORN	5.0	4.7	4.3	4.0	4.5	4.3	4.9	4.2	4.5
DEFIANT	5.0	4.7	4.3	4.1	4.2	4.3	4.9	4.2	4.5
MB-82	4.7	4.8	4.3	4.3	4.0	4.3	4.8	4.5	4.4
SCALDIS	5.3	4.8	4.0	3.9	4.0	4.2	4.8	4.5	4.4
LSD VALUE	1.6	0.7	1.3	1.3	1.3	1.1	1.1	0.8	0.8
C.V. (%)	30.4	16.9	34.7	36.6	35.6	29.9	26.0	16.5	22.3

TABLE 5F. MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT MADISON (FAIRWAY TRAFFIC), WI 1/ 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/									
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
QUATRO	5.3	4.8	4.5	4.1	4.4	4.3	5.1	4.7	4.6
PST-4MB	5.2	4.8	4.4	4.2	4.3	4.3	5.0	4.5	4.6
SR 3200	6.0	4.8	4.1	4.0	3.8	4.2	4.7	4.2	4.4
SR 6000	5.7	4.7	4.4	3.8	3.7	3.4	4.3	3.3	4.2
LSD VALUE	1.3	0.7	1.4	1.1	1.2	1.0	1.1	0.9	0.9
C.V. (%)	25.4	18.5	39.4	35.2	35.5	30.1	28.7	19.3	24.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
OXFORD	5.7	5.7	5.4	5.0	5.6	4.6	4.7	4.8	4.3	4.2	4.1	4.5	4.8
SRX 3961	5.7	5.2	4.6	5.4	5.6	4.1	4.8	4.9	4.5	4.3	4.3	4.7	4.8
CHARIOT (CIS FL 12)	5.3	5.2	4.9	5.2	5.3	4.1	4.4	4.7	4.5	4.3	4.5	4.9	4.8
VIKING (ABT-HF1)	5.0	5.2	4.8	5.6	5.6	4.5	4.7	4.8	4.4	4.3	4.4	4.4	4.7
EUREKA II (CIS FL 11)	5.1	5.2	5.0	4.7	5.1	4.6	4.8	4.8	4.6	4.4	4.2	4.3	4.7
HERON	5.2	5.1	4.9	5.4	5.1	4.0	4.4	4.6	4.5	4.3	4.3	4.6	4.6
STONEHENGE (AHF 009)	5.3	5.3	4.8	5.0	4.8	4.1	4.7	4.6	4.6	4.2	4.4	4.5	4.6
ABT-HF-2	4.9	5.3	5.0	5.2	5.2	4.3	4.3	4.5	4.5	4.3	4.3	4.4	4.6
PICK FF A-97	5.1	5.0	4.9	5.3	5.0	4.4	4.7	4.5	4.4	4.1	4.2	4.4	4.6
RELIANT II	5.2	4.8	4.6	5.1	4.9	4.3	4.2	4.4	4.5	4.6	4.8	4.6	4.6
HARDTOP (BAR HF 8 FUS)	5.6	5.4	5.3	5.2	5.3	3.8	4.4	4.3	3.9	3.9	4.0	4.4	4.6
BERKSHIRE (4001)	5.3	4.8	4.4	5.3	5.4	4.4	4.6	4.5	4.3	4.1	4.1	4.3	4.6
INTRIGUE	5.2	4.7	4.3	4.8	4.2	3.8	4.2	4.4	4.3	4.3	4.4	4.8	4.6
AMBASSADOR	4.9	4.4	4.7	5.1	4.4	3.9	4.3	4.4	4.3	4.5	4.7	4.5	4.6
RESCUE 911	5.0	4.8	4.3	4.7	5.2	4.8	4.8	4.3	4.4	4.1	4.0	4.3	4.5
PICK FRC A-93	4.9	4.9	4.6	4.9	4.4	4.2	4.5	4.3	3.9	4.3	4.2	4.4	4.5
DISCOVERY	5.1	4.9	4.6	4.6	4.9	4.3	4.5	4.5	4.3	4.3	4.3	4.3	4.5
ABT-HF-4	5.1	4.7	4.0	4.3	4.7	4.1	4.6	4.7	4.5	4.0	4.3	4.8	4.5
MAGIC	5.0	5.0	4.7	5.4	4.6	3.9	4.3	4.1	3.8	3.8	4.0	4.5	4.5
ABT-CHW-2	5.2	5.0	4.9	5.1	4.8	4.0	4.1	4.1	3.8	3.8	4.2	4.4	4.5
BRIDGEPORT	4.7	4.9	4.7	5.2	4.4	3.8	4.4	4.0	3.9	3.9	4.0	4.6	4.5
ABERDEEN (PST-EFL)	4.7	4.7	4.4	4.9	4.9	3.8	4.2	4.0	4.0	4.2	4.3	4.6	4.4
JASPER II	4.6	4.7	4.8	5.1	4.7	4.2	4.1	4.0	4.0	4.1	4.1	4.3	4.4
NAVIGATOR (CIS FRR 5)	4.7	4.8	4.4	5.0	4.6	4.0	4.3	4.2	3.8	4.1	4.0	4.4	4.4
BAR CHF 8 FUS2	4.6	4.6	4.6	4.9	4.4	3.9	4.6	4.4	3.7	3.5	3.7	3.8	4.4
SR 5100	4.9	4.7	4.2	4.6	4.6	4.3	4.6	4.2	4.1	3.8	3.9	4.0	4.4
CULOMBRA	5.2	4.8	4.7	4.9	4.7	4.0	4.1	3.9	3.7	3.7	3.8	4.4	4.4
NORDIC (E)	4.9	5.1	4.6	4.9	4.9	4.1	4.1	4.0	4.3	4.0	4.2	4.3	4.4
BRITTANY	4.9	4.8	4.9	5.4	4.6	4.0	4.2	3.9	3.6	3.7	3.8	4.3	4.4
TREAZURE (E)	4.9	4.4	4.6	4.7	4.2	3.8	4.1	4.3	3.9	3.8	4.3	4.7	4.4
LONGFELLOW II	4.3	4.3	4.3	4.9	4.6	3.8	4.0	3.8	4.0	4.0	4.3	4.6	4.3
SR 5210 (SRX 52LAV)	5.0	4.8	4.6	5.0	4.6	3.8	4.2	4.3	4.0	3.8	4.0	4.2	4.3
CINDY LOU (CIS FRR 7)	4.6	4.4	4.3	4.8	4.8	3.8	4.1	3.8	4.1	4.2	4.3	4.3	4.3
SRX 52961	4.8	4.3	4.3	4.9	4.4	3.8	4.3	4.1	4.1	3.7	4.2	4.5	4.3
OSPREY	5.0	5.3	4.7	4.9	5.1	3.8	4.2	4.2	4.0	4.1	3.9	4.1	4.3
PST-4HM	5.1	5.0	4.4	5.0	4.9	3.8	4.1	4.2	4.0	3.9	4.1	4.4	4.3
FLORENTINE	5.0	5.2	4.7	5.3	4.6	3.6	4.0	3.8	3.8	3.5	3.8	4.0	4.3
MINOTAUR	4.4	4.3	4.3	4.6	4.7	3.8	4.1	4.3	4.2	4.2	4.2	4.4	4.3
ABT-HF-3	4.3	4.2	4.0	4.7	4.6	4.2	4.4	4.6	4.3	4.1	4.1	4.4	4.3
SILHOUETTE (PICK FRC 4-92)	4.9	4.7	4.3	4.9	4.3	3.9	4.0	4.1	3.8	3.6	3.6	4.0	4.3
MB-63	4.8	4.8	5.0	5.1	4.4	3.8	3.8	3.7	3.7	3.7	3.8	4.3	4.3
SCALDIS	4.4	4.7	4.2	4.8	4.8	4.3	4.6	4.6	3.8	3.7	3.7	3.9	4.3
ATTILA E	4.8	5.1	4.4	4.4	4.4	4.3	4.6	4.4	3.9	3.7	3.6	3.8	4.3
SCALDIS II (AHF 008)	4.8	4.6	4.3	5.0	4.9	4.1	4.1	4.3	4.0	4.0	3.8	3.9	4.2

TABLE 6A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AMBROSE (ABT-CHW-3)	4.2	4.0	4.4	4.8	4.3	3.6	3.9	4.0	4.0	4.0	4.2	4.4	4.2
TIFFANY	5.0	4.8	4.6	4.9	4.3	3.7	3.9	3.8	3.5	3.6	3.7	4.0	4.2
QUATRO	4.7	4.9	4.8	4.9	4.4	4.1	4.1	4.3	3.9	3.6	3.4	3.8	4.2
BANNER III	4.8	4.3	4.3	5.2	4.6	3.8	4.1	3.8	3.6	3.6	3.8	4.3	4.2
BAR SCF 8 FUS3	5.3	5.0	4.6	4.7	4.9	3.6	3.9	3.7	3.5	3.3	3.6	4.3	4.1
PST-4MB	4.7	4.7	3.8	4.1	4.1	3.9	4.2	4.6	4.2	3.4	3.8	3.9	4.1
SANDPIPER	4.4	4.4	4.4	4.9	4.3	3.8	4.1	3.8	3.4	3.5	3.7	4.2	4.1
PST-4FR	4.8	4.7	4.6	4.7	4.4	3.3	3.6	3.6	3.7	3.7	3.9	4.0	4.1
ABT-CR-2	4.4	4.2	4.1	4.7	4.8	3.5	3.6	3.5	3.7	3.8	4.0	4.3	4.1
WRIGLEY (ACF 092)	5.0	4.8	4.4	4.8	4.4	3.8	3.9	3.4	3.5	3.5	3.6	3.9	4.1
BIGHORN	4.6	4.1	3.7	4.1	4.3	3.9	4.1	4.2	3.9	3.7	3.8	4.1	4.1
SEABREEZE	4.8	4.9	4.3	4.6	4.7	4.0	4.0	3.6	3.3	3.2	3.3	3.8	4.1
ABT-CR-3	4.1	3.9	3.8	4.4	4.6	3.7	4.0	3.8	3.9	3.8	4.0	4.1	4.1
MB-82	5.0	5.0	4.6	4.4	4.4	3.8	3.8	3.8	3.8	3.7	3.8	4.0	4.1
PATHFINDER	4.6	4.8	4.6	5.0	4.6	3.4	3.7	3.6	3.2	3.3	3.3	3.7	4.0
SHADOW II	4.9	4.8	4.6	4.9	4.3	3.7	3.8	3.4	3.1	3.2	3.3	3.8	4.0
SHADEMASTER II	4.6	4.8	4.3	4.6	4.7	3.5	3.5	3.3	3.4	3.2	3.5	4.1	4.0
BARGENA III (BAR CF 8 FUS1)	4.6	4.6	4.2	4.9	4.2	3.8	3.7	3.5	3.3	3.3	3.6	3.8	4.0
SR 3200	4.4	4.1	3.7	3.9	4.2	3.9	4.4	4.3	3.8	3.4	3.7	3.8	4.0
DGSC 94	4.3	4.7	4.4	4.4	4.3	3.6	3.7	3.4	3.5	3.3	3.4	3.9	4.0
JAMESTOWN II	4.3	4.1	4.2	4.4	4.4	3.7	3.9	4.0	3.5	3.3	3.3	3.8	4.0
INVERNESS (PST-47TCR)	4.1	4.3	4.2	4.4	4.6	3.3	3.6	3.5	3.7	3.4	3.8	4.0	3.9
ROSE (ASC 087)	5.1	4.9	4.7	5.1	4.4	3.6	3.5	3.1	3.0	2.8	3.1	3.8	3.9
ASR 049	4.9	5.1	4.0	4.1	4.8	3.5	3.3	3.3	3.1	3.2	3.1	3.7	3.8
ASC 082	4.2	4.2	3.9	3.9	4.6	3.6	3.7	3.4	3.3	3.2	3.4	3.5	3.8
DAWSON E+	4.8	4.7	4.2	4.2	4.6	3.4	3.9	3.4	3.2	2.8	3.3	3.6	3.8
DEFIANT	4.0	4.1	4.0	4.6	4.7	3.8	3.7	3.8	3.3	3.3	3.3	3.6	3.8
ASC 172	4.1	4.2	4.0	4.2	4.3	3.5	3.8	3.5	3.4	3.0	3.3	3.4	3.8
SHADEMARK	4.6	4.6	4.3	4.4	4.2	3.2	3.3	3.1	3.3	3.2	3.3	3.3	3.7
ACF 083	4.3	4.2	4.3	4.3	4.2	3.5	3.5	2.7	2.9	3.3	3.3	3.6	3.7
SALSA	3.6	3.8	3.9	3.9	3.9	3.3	3.5	2.9	3.1	2.8	2.9	3.1	3.4
COMMON CREEPING RED	3.6	3.9	3.7	3.9	3.8	3.4	3.3	3.0	2.8	2.3	2.7	3.0	3.3
BOREAL	3.7	3.6	3.4	3.9	3.7	3.5	3.4	3.2	2.6	2.3	2.5	2.9	3.2
SR 6000	2.6	2.4	2.7	3.0	3.3	2.9	2.8	2.6	2.4	2.2	2.4	2.4	2.6
ABT-CHW-1	.	.	.	.	.	.	.	.	.	.	.	.	.
LSD VALUE	1.1	1.1	0.8	1.0	0.9	0.7	0.8	0.8	1.0	1.1	1.1	1.3	0.7
C.V. (%)	26.1	25.6	20.4	22.8	21.8	22.8	23.0	24.4	32.0	37.9	34.7	38.6	20.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 6B.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INTRIGUE	5.2	4.7	4.3	4.8	4.2	3.8	4.2	4.4	4.3	4.3	4.4	4.8	4.6
AMBASSADOR	4.9	4.4	4.7	5.1	4.4	3.9	4.3	4.4	4.3	4.5	4.7	4.5	4.6
PICK FRC A-93	4.9	4.9	4.6	4.9	4.4	4.2	4.5	4.3	3.9	4.3	4.2	4.4	4.5
MAGIC	5.0	5.0	4.7	5.4	4.6	3.9	4.3	4.1	3.8	3.8	4.0	4.5	4.5
ABT-CHW-2	5.2	5.0	4.9	5.1	4.8	4.0	4.1	4.1	3.8	3.8	4.2	4.4	4.5
BRIDGEPORT	4.7	4.9	4.7	5.2	4.4	3.8	4.4	4.0	3.9	3.9	4.0	4.6	4.5
BAR CHF 8 FUS2	4.6	4.6	4.6	4.9	4.4	3.9	4.6	4.4	3.7	3.5	3.7	3.8	4.4
SR 5100	4.9	4.7	4.2	4.6	4.6	4.3	4.6	4.2	4.1	3.8	3.9	4.0	4.4
CULOMBRA	5.2	4.8	4.7	4.9	4.7	4.0	4.1	3.9	3.7	3.7	3.8	4.4	4.4
BRITTANY	4.9	4.8	4.9	5.4	4.6	4.0	4.2	3.9	3.6	3.7	3.8	4.3	4.4
TREAZURE (E)	4.9	4.4	4.6	4.7	4.2	3.8	4.1	4.3	3.9	3.8	4.3	4.7	4.4
LONGFELLOW II	4.3	4.3	4.3	4.9	4.6	3.8	4.0	3.8	4.0	4.0	4.3	4.6	4.3
SILHOUETTE (PICK FRC 4-92)	4.9	4.7	4.3	4.9	4.3	3.9	4.0	4.1	3.8	3.6	3.6	4.0	4.3
MB-63	4.8	4.8	5.0	5.1	4.4	3.8	3.8	3.7	3.7	3.7	3.8	4.3	4.3
AMBROSE (ABT-CHW-3)	4.2	4.0	4.4	4.8	4.3	3.6	3.9	4.0	4.0	4.0	4.2	4.4	4.2
TIFFANY	5.0	4.8	4.6	4.9	4.3	3.7	3.9	3.8	3.5	3.6	3.7	4.0	4.2
BANNER III	4.8	4.3	4.3	5.2	4.6	3.8	4.1	3.8	3.6	3.6	3.8	4.3	4.2
SANDPIPER	4.4	4.4	4.4	4.9	4.3	3.8	4.1	3.8	3.4	3.5	3.7	4.2	4.1
WRIGLEY (ACF 092)	5.0	4.8	4.4	4.8	4.4	3.8	3.9	3.4	3.5	3.5	3.6	3.9	4.1
SHADOW II	4.9	4.8	4.6	4.9	4.3	3.7	3.8	3.4	3.1	3.2	3.3	3.8	4.0
JAMESTOWN II	4.3	4.1	4.2	4.4	4.4	3.7	3.9	4.0	3.5	3.3	3.3	3.8	4.0
ACF 083	4.3	4.2	4.3	4.3	4.2	3.5	3.5	2.7	2.9	3.3	3.3	3.6	3.7
ABT-CHW-1	.	.	.	.	.	.	.	.	.	.	.	.	.
LSD VALUE	1.4	1.3	1.0	1.2	0.8	0.7	0.8	0.8	1.0	1.2	1.2	1.5	0.8
C.V. (%)	32.4	30.0	24.3	25.2	19.9	21.8	25.3	24.6	31.8	40.4	38.4	43.3	23.0

TABLE 6C.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BAR SCF 8 FUS3	5.3	5.0	4.6	4.7	4.9	3.6	3.9	3.7	3.5	3.3	3.6	4.3	4.1
SEABREEZE	4.8	4.9	4.3	4.6	4.7	4.0	4.0	3.6	3.3	3.2	3.3	3.8	4.1
ASR 049	4.9	5.1	4.0	4.1	4.8	3.5	3.3	3.3	3.1	3.2	3.1	3.7	3.8
DAWSON E+	4.8	4.7	4.2	4.2	4.6	3.4	3.9	3.4	3.2	2.8	3.3	3.6	3.8
LSD VALUE	1.1	1.1	0.7	1.0	0.9	0.8	0.9	0.9	1.1	1.0	1.1	1.3	0.7
C.V. (%)	23.2	24.3	16.4	25.7	21.4	26.6	29.9	33.8	40.8	41.8	40.9	43.7	22.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6D.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ABERDEEN (PST-EFL)	4.7	4.7	4.4	4.9	4.9	3.8	4.2	4.0	4.0	4.2	4.3	4.6	4.4
JASPER II	4.6	4.7	4.8	5.1	4.7	4.2	4.1	4.0	4.0	4.1	4.1	4.3	4.4
NAVIGATOR (CIS FRR 5)	4.7	4.8	4.4	5.0	4.6	4.0	4.3	4.2	3.8	4.1	4.0	4.4	4.4
SR 5210 (SRX 52LAV)	5.0	4.8	4.6	5.0	4.6	3.8	4.2	4.3	4.0	3.8	4.0	4.2	4.3
CINDY LOU (CIS FRR 7)	4.6	4.4	4.3	4.8	4.8	3.8	4.1	3.8	4.1	4.2	4.3	4.3	4.3
SRX 52961	4.8	4.3	4.3	4.9	4.4	3.8	4.3	4.1	4.1	3.7	4.2	4.5	4.3
FLORENTINE	5.0	5.2	4.7	5.3	4.6	3.6	4.0	3.8	3.8	3.5	3.8	4.0	4.3
PST-4FR	4.8	4.7	4.6	4.7	4.4	3.3	3.6	3.6	3.7	3.7	3.9	4.0	4.1
ABT-CR-2	4.4	4.2	4.1	4.7	4.8	3.5	3.6	3.5	3.7	3.8	4.0	4.3	4.1
ABT-CR-3	4.1	3.9	3.8	4.4	4.6	3.7	4.0	3.8	3.9	3.8	4.0	4.1	4.1
PATHFINDER	4.6	4.8	4.6	5.0	4.6	3.4	3.7	3.6	3.2	3.3	3.3	3.7	4.0
SHADEMASTER II	4.6	4.8	4.3	4.6	4.7	3.5	3.5	3.3	3.4	3.2	3.5	4.1	4.0
BARGENA III (BAR CF 8 FUS1)	4.6	4.6	4.2	4.9	4.2	3.8	3.7	3.5	3.3	3.3	3.6	3.8	4.0
DGSC 94	4.3	4.7	4.4	4.4	4.3	3.6	3.7	3.4	3.5	3.3	3.4	3.9	4.0
INVERNESS (PST-47TCR)	4.1	4.3	4.2	4.4	4.6	3.3	3.6	3.5	3.7	3.4	3.8	4.0	3.9
ROSE (ASC 087)	5.1	4.9	4.7	5.1	4.4	3.6	3.5	3.1	3.0	2.8	3.1	3.8	3.9
ASC 082	4.2	4.2	3.9	3.9	4.6	3.6	3.7	3.4	3.3	3.2	3.4	3.5	3.8
ASC 172	4.1	4.2	4.0	4.2	4.3	3.5	3.8	3.5	3.4	3.0	3.3	3.4	3.8
SHADEMARK	4.6	4.6	4.3	4.4	4.2	3.2	3.3	3.1	3.3	3.2	3.3	3.3	3.7
SALSA	3.6	3.8	3.9	3.9	3.9	3.3	3.5	2.9	3.1	2.8	2.9	3.1	3.4
COMMON CREEPING RED	3.6	3.9	3.7	3.9	3.8	3.4	3.3	3.0	2.8	2.3	2.7	3.0	3.3
BOREAL	3.7	3.6	3.4	3.9	3.7	3.5	3.4	3.2	2.6	2.3	2.5	2.9	3.2
LSD VALUE	1.2	1.2	0.9	1.1	1.0	0.7	0.7	0.7	0.9	1.1	1.0	1.2	0.7
C.V. (%)	29.8	28.3	22.3	26.6	25.5	23.3	23.8	25.3	31.7	38.6	33.5	38.3	21.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
OXFORD	5.7	5.7	5.4	5.0	5.6	4.6	4.7	4.8	4.3	4.2	4.1	4.5	4.8
SRX 3961	5.7	5.2	4.6	5.4	5.6	4.1	4.8	4.9	4.5	4.3	4.3	4.7	4.8
CHARIOT (CIS FL 12)	5.3	5.2	4.9	5.2	5.3	4.1	4.4	4.7	4.5	4.3	4.5	4.9	4.8
VIKING (ABT-HF1)	5.0	5.2	4.8	5.6	5.6	4.5	4.7	4.8	4.4	4.3	4.4	4.4	4.7
EUREKA II (CIS FL 11)	5.1	5.2	5.0	4.7	5.1	4.6	4.8	4.8	4.6	4.4	4.2	4.3	4.7
HERON	5.2	5.1	4.9	5.4	5.1	4.0	4.4	4.6	4.5	4.3	4.3	4.6	4.6
STONEHENGE (AHF 009)	5.3	5.3	4.8	5.0	4.8	4.1	4.7	4.6	4.6	4.2	4.4	4.5	4.6
ABT-HF-2	4.9	5.3	5.0	5.2	5.2	4.3	4.3	4.5	4.5	4.3	4.3	4.4	4.6
PICK FF A-97	5.1	5.0	4.9	5.3	5.0	4.4	4.7	4.5	4.4	4.1	4.2	4.4	4.6
RELIANT II	5.2	4.8	4.6	5.1	4.9	4.3	4.2	4.4	4.5	4.6	4.8	4.6	4.6
HARDTOP (BAR HF 8 FUS)	5.6	5.4	5.3	5.2	5.3	3.8	4.4	4.3	3.9	3.9	4.0	4.4	4.6
BERKSHIRE (4001)	5.3	4.8	4.4	5.3	5.4	4.4	4.6	4.5	4.3	4.1	4.1	4.3	4.6
RESCUE 911	5.0	4.8	4.3	4.7	5.2	4.8	4.8	4.3	4.4	4.1	4.0	4.3	4.5
DISCOVERY	5.1	4.9	4.6	4.6	4.9	4.3	4.5	4.5	4.3	4.3	4.3	4.3	4.5
ABT-HF-4	5.1	4.7	4.0	4.3	4.7	4.1	4.6	4.7	4.5	4.0	4.3	4.8	4.5
NORDIC (E)	4.9	5.1	4.6	4.9	4.9	4.1	4.1	4.0	4.3	4.0	4.2	4.3	4.4
OSPREY	5.0	5.3	4.7	4.9	5.1	3.8	4.2	4.2	4.0	4.1	3.9	4.1	4.3
PST-4HM	5.1	5.0	4.4	5.0	4.9	3.8	4.1	4.2	4.0	3.9	4.1	4.4	4.3
MINOTAUR	4.4	4.3	4.3	4.6	4.7	3.8	4.1	4.3	4.2	4.2	4.2	4.4	4.3
ABT-HF-3	4.3	4.2	4.0	4.7	4.6	4.2	4.4	4.6	4.3	4.1	4.1	4.4	4.3
SCALDIS	4.4	4.7	4.2	4.8	4.8	4.3	4.6	4.6	3.8	3.7	3.7	3.9	4.3
ATTILA E	4.8	5.1	4.4	4.4	4.4	4.3	4.6	4.4	3.9	3.7	3.6	3.8	4.3
SCALDIS II (AHF 008)	4.8	4.6	4.3	5.0	4.9	4.1	4.1	4.3	4.0	4.0	3.8	3.9	4.2
BIGHORN	4.6	4.1	3.7	4.1	4.3	3.9	4.1	4.2	3.9	3.7	3.8	4.1	4.1
MB-82	5.0	5.0	4.6	4.4	4.4	3.8	3.8	3.8	3.8	3.7	3.8	4.0	4.1
DEFIANT	4.0	4.1	4.0	4.6	4.7	3.8	3.7	3.8	3.3	3.3	3.3	3.6	3.8
LSD VALUE	0.8	0.9	0.6	0.8	0.9	0.8	0.7	0.8	1.1	1.1	1.0	1.2	0.6
C.V. (%)	17.7	20.2	15.1	16.8	19.8	22.6	20.0	22.4	31.0	34.9	31.6	34.2	17.0

TABLE 6F.

MEAN TURFGRASS QUALITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT RALEIGH (NO IRRIGATION), NC 1/  
1999-2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
QUATRO	4.7	4.9	4.8	4.9	4.4	4.1	4.1	4.3	3.9	3.6	3.4	3.8	4.2
PST-4MB	4.7	4.7	3.8	4.1	4.1	3.9	4.2	4.6	4.2	3.4	3.8	3.9	4.1
SR 3200	4.4	4.1	3.7	3.9	4.2	3.9	4.4	4.3	3.8	3.4	3.7	3.8	4.0
SR 6000	2.6	2.4	2.7	3.0	3.3	2.9	2.8	2.6	2.4	2.2	2.4	2.4	2.6
LSD VALUE	0.6	0.7	0.7	0.7	0.9	0.7	0.6	0.8	1.0	1.0	0.9	1.0	0.5
C.V. (%)	16.5	17.6	19.6	18.2	25.1	22.1	18.7	23.8	33.3	38.5	33.7	35.0	18.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7A.

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
ASC 172	8.3	6.4	8.0	6.3	4.5	7.5	8.0	8.3	6.7	7.0	8.7	8.3	6.9	7.0	6.2	6.7	7.8
SILHOUETTE (PICK FRC 4-92)	7.9	6.8	6.7	6.5	5.6	6.7	8.2	8.6	7.3	7.3	8.3	8.0	6.6	7.0	6.6	7.9	7.3
ABT-CR-2	7.8	6.1	8.0	6.8	5.4	6.3	8.7	8.0	5.3	7.0	8.0	8.3	6.7	7.3	6.4	6.8	7.5
PST-4FR	7.3	6.9	7.3	6.9	5.8	5.8	8.8	8.2	6.3	7.2	7.0	8.3	6.6	7.0	6.4	6.9	6.8
INVERNESS (PST-47TCR)	7.7	6.4	7.0	6.5	5.5	7.3	8.3	8.3	6.3	7.0	7.7	7.7	6.6	7.0	5.4	6.9	7.5
RESCUE 911	8.1	7.1	7.7	7.0	5.4	7.7	7.5	8.5	4.0	7.2	8.3	8.0	6.7	7.0	5.0	6.6	7.0
EUREKA II (CIS FL 11)	7.8	7.3	8.0	6.8	5.9	7.2	7.5	8.6	5.0	7.0	8.3	7.3	6.7	7.0	5.6	6.6	6.6
FLORENTINE	6.8	6.3	8.0	6.4	5.7	6.0	8.2	8.3	6.7	7.0	7.3	7.3	6.7	7.3	6.2	6.7	7.4
BAR CHF 8 FUS2	7.8	6.6	7.7	6.6	5.8	6.8	7.8	8.6	7.0	7.0	8.0	8.0	6.4	7.0	5.7	7.4	7.3
BRITTANY	7.7	6.8	8.0	7.0	5.4	6.2	8.0	8.4	8.3	7.2	8.0	8.3	6.3	7.0	5.8	7.4	7.6
PICK FRC A-93	7.3	7.2	8.0	6.5	5.9	6.8	8.3	8.2	6.0	7.1	8.0	8.0	6.2	7.0	5.9	7.7	6.9
ABT-CR-3	7.7	6.3	8.0	7.0	5.7	6.3	8.3	7.8	6.3	6.9	7.7	8.0	6.4	6.7	5.4	6.7	7.4
AMBASSADOR	7.8	6.2	7.0	6.5	5.3	6.3	8.2	8.0	7.0	7.3	8.3	8.3	6.2	7.0	6.6	7.2	6.6
AMBROSE (ABT-CHW-3)	7.3	6.9	6.7	6.9	5.4	5.7	8.0	8.1	6.3	7.0	8.3	8.3	6.6	7.3	5.7	7.4	7.1
OXFORD	8.3	7.1	7.3	7.3	5.8	6.7	7.8	8.3	5.3	7.0	7.7	8.7	6.4	7.0	5.4	6.3	6.8
BERKSHIRE (4001)	7.8	6.9	8.0	7.3	6.1	7.0	7.7	8.3	5.7	7.0	7.3	8.0	6.7	7.0	5.1	6.4	6.8
BARGENA III (BAR CF 8 FUS1)	7.2	5.8	7.0	6.3	5.6	6.5	8.0	8.3	7.3	6.8	7.7	7.3	6.7	7.0	5.7	6.9	7.0
ABT-HF-3	7.3	7.0	8.0	6.0	5.7	8.3	6.8	7.6	5.7	6.9	8.3	7.3	6.2	7.0	5.3	6.1	5.7
VIKING (ABT-HF1)	7.1	7.0	7.7	7.0	6.3	6.3	7.8	8.3	6.7	7.2	7.7	7.0	6.8	6.7	5.2	6.7	6.8
HARDTOP (BAR HF 8 FUS)	8.2	6.9	8.0	6.7	5.8	7.0	7.2	8.8	6.3	7.0	8.0	7.7	6.8	7.0	5.4	6.4	6.8
ABT-HF-4	7.2	7.4	8.0	5.9	5.8	7.7	6.8	7.6	4.7	7.1	8.0	7.3	6.3	7.0	4.7	7.1	6.3
INTRIGUE	7.3	5.9	7.0	6.8	6.0	6.3	7.5	7.7	6.7	7.3	8.3	8.0	6.3	7.3	5.3	7.3	7.1
BIGHORN	7.8	6.9	7.0	6.0	5.8	8.0	6.3	7.3	5.3	7.3	8.7	8.3	6.4	7.0	5.0	6.6	5.1
BAR SCF 8 FUS3	7.2	5.3	7.7	6.8	5.6	6.5	7.5	8.2	5.3	7.1	8.3	7.3	6.4	7.3	6.0	6.8	6.5
PST-4MB	7.9	7.0	8.0	6.0	5.4	8.2	6.7	7.4	5.7	6.9	8.3	8.7	6.3	7.0	5.3	6.9	5.6
DGSC 94	7.3	6.5	6.3	6.2	5.8	6.2	7.7	8.0	6.3	7.0	6.7	7.7	6.7	7.0	5.9	6.9	7.3
MINOTAUR	7.7	6.9	7.7	5.8	5.5	7.5	6.5	7.4	6.3	7.0	7.7	8.0	6.3	7.0	5.6	6.6	5.7
MB-82	7.8	6.6	7.3	6.8	5.8	6.5	7.7	8.3	6.0	6.9	7.7	7.7	6.4	7.0	5.0	6.9	6.6
CULOMBRA	7.3	6.5	7.0	6.3	5.6	6.5	7.7	7.8	8.0	7.1	8.0	8.3	6.4	7.3	5.9	7.2	6.9
MAGIC	7.8	6.5	7.7	6.3	5.2	5.8	8.0	7.9	5.7	7.0	8.3	7.7	6.2	7.0	6.0	7.0	7.3
JASPER II	7.3	5.9	8.0	6.6	5.5	6.5	8.5	7.2	6.3	6.9	7.7	7.7	6.6	7.0	5.6	7.1	7.0
PICK FF A-97	7.8	6.3	7.7	6.8	5.8	7.3	7.3	8.6	5.3	6.8	8.0	7.7	6.8	7.0	5.2	6.8	6.6
CINDY LOU (CIS FRR 7)	6.8	6.3	8.0	6.7	5.5	6.0	9.0	7.3	6.3	6.9	7.7	7.7	6.3	7.0	6.2	6.8	7.0
ASC 082	6.8	6.6	7.7	6.3	5.0	6.5	8.0	7.6	6.7	7.0	6.7	7.7	6.4	6.7	5.7	6.4	7.4
STONEHENGE (AHF 009)	7.8	6.9	7.7	6.7	6.1	6.3	7.3	7.8	6.0	7.0	7.7	7.7	6.8	7.0	4.8	6.2	6.6
ABT-CHW-2	7.8	5.8	7.0	6.2	5.2	6.0	8.2	7.7	5.0	7.0	8.0	8.0	6.2	7.3	5.9	7.1	7.3
LONGFELLOW II	7.1	6.3	7.0	6.7	5.6	5.8	8.5	7.5	5.3	7.1	8.0	7.3	6.3	7.0	5.9	7.3	7.0
PATHFINDER	6.9	6.0	7.0	6.5	4.8	5.8	8.3	7.5	7.7	7.0	7.3	7.7	6.6	7.0	6.4	6.4	6.5
CHARIOT (CIS FL 12)	7.8	6.8	7.0	6.8	5.6	6.8	7.3	8.3	6.7	7.0	8.0	7.3	6.7	7.3	4.3	6.4	5.9
BANNER III	7.7	6.1	7.0	6.5	5.6	6.2	7.7	7.8	6.0	7.1	8.0	7.7	6.4	7.0	5.2	7.2	7.1
SR 3200	7.9	7.0	8.0	5.8	5.3	8.3	7.0	7.3	6.0	6.9	8.7	8.0	6.2	7.0	4.8	6.4	5.5
QUATRO	7.1	6.6	8.0	6.5	6.1	7.2	8.0	6.8	4.7	7.1	7.0	8.0	6.3	7.0	4.4	6.6	6.0
SR 6000	6.9	6.8	8.7	5.8	4.8	7.8	6.7	7.3	4.0	7.0	6.3	7.0	6.7	7.3	6.2	6.9	6.3
ASR 049	7.3	5.6	7.7	6.7	5.9	5.2	8.0	6.0	6.0	7.3	7.7	8.0	6.4	7.0	4.7	7.0	6.7

TABLE 7A. (CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
SCALDIS II (AHF 008)	7.3	6.7	8.0	6.8	5.8	7.0	7.3	7.8	5.7	7.0	8.0	8.0	6.8	7.3	4.1	6.8	6.3
DISCOVERY	7.2	6.8	7.0	6.8	5.3	6.8	7.5	8.4	4.7	7.0	7.0	7.3	6.3	7.0	5.2	6.3	6.3
ATTILA E	7.2	6.8	7.7	6.5	5.8	6.5	7.5	8.1	7.0	7.1	7.3	7.7	6.6	7.0	4.8	6.0	6.2
PST-4HM	7.9	6.4	7.0	7.4	5.8	6.8	7.8	8.1	5.0	6.9	7.7	8.0	6.6	6.3	4.8	5.9	6.9
NORDIC (E)	7.7	6.4	8.0	7.6	5.8	6.5	7.3	8.0	5.3	7.0	7.7	7.3	6.6	7.0	5.0	6.3	6.4
ABT-HF-2	7.7	7.2	8.0	6.9	5.9	6.2	7.7	8.1	5.7	6.8	7.3	7.7	6.4	7.0	5.4	5.6	6.1
HERON	7.2	6.4	8.0	5.8	6.2	6.5	7.7	8.5	4.3	7.0	7.0	7.3	6.6	7.0	4.8	6.1	6.4
SCALDIS	7.9	7.0	7.0	6.4	5.4	7.0	7.8	7.8	5.3	6.8	8.0	7.7	6.8	7.0	5.0	6.0	6.1
DEFIANT	7.3	6.7	7.0	7.2	5.6	6.2	7.3	7.7	6.7	6.9	7.7	7.3	6.6	7.0	4.7	6.3	6.8
ABERDEEN (PST-EFL)	6.9	6.8	7.0	6.7	5.8	6.3	8.0	7.8	6.0	6.4	7.3	7.3	6.3	7.0	5.0	6.8	6.6
SRX 52961	7.1	5.9	8.0	6.7	5.7	6.0	8.7	8.2	5.3	6.7	7.0	7.7	6.6	7.0	5.6	6.8	6.8
MB-63	7.1	6.7	7.0	6.2	5.4	6.2	8.3	7.6	7.3	7.1	7.7	7.7	6.3	6.7	5.6	6.9	6.7
SR 5210 (SRX 52LAV)	7.2	5.7	7.0	6.2	5.8	6.5	8.0	7.3	7.7	6.9	7.3	7.7	6.7	6.7	5.8	6.7	6.8
RELIANT II	7.7	6.4	7.0	6.9	5.6	6.7	7.2	7.5	5.3	7.0	7.7	7.7	6.4	7.0	4.2	6.9	6.5
OSPREY	7.1	6.9	7.0	6.8	5.8	6.2	7.5	8.3	5.0	6.8	7.3	7.7	6.6	7.0	4.7	6.2	6.7
ROSE (ASC 087)	6.8	5.5	6.7	6.3	5.5	6.3	7.8	7.1	6.7	7.2	7.0	7.7	6.6	7.0	5.7	6.1	6.7
ABT-CHW-1	7.7	6.3	8.0	6.3	5.2	6.3	8.0	7.5	7.0	7.0	8.3	8.0	6.1	6.7	5.4	7.3	6.7
NAVIGATOR (CIS FRR 5)	7.2	5.8	7.7	6.7	5.3	6.5	8.7	7.2	6.3	6.8	7.7	7.7	6.4	7.0	5.9	6.8	6.5
SHADEMASTER II	7.1	5.3	7.3	6.5	5.3	6.5	7.8	7.0	6.0	6.9	7.7	8.0	6.3	7.0	5.9	6.4	6.5
SHADOW II	7.8	5.8	7.0	6.6	5.7	5.5	7.8	7.3	6.3	7.1	7.7	8.0	6.2	7.0	6.0	7.3	6.5
ACF 083	6.3	6.0	8.0	6.4	5.6	6.2	7.8	8.0	8.0	6.6	8.0	7.7	6.3	7.0	5.3	6.9	6.1
TIFFANY	6.9	5.6	7.0	6.8	5.4	6.2	7.7	6.9	6.7	6.8	7.0	8.0	6.2	7.0	5.3	7.0	6.4
SRX 3961	7.2	6.0	8.0	7.3	5.8	6.0	7.2	7.4	5.0	6.9	6.7	8.0	6.4	7.0	4.7	6.7	5.3
SHADEMARK	6.8	5.5	7.0	5.8	5.3	6.0	7.7	6.8	7.0	6.9	6.7	7.3	6.4	6.0	5.6	6.4	6.9
SR 5100	6.9	4.9	7.0	6.1	4.9	5.7	7.7	7.2	6.7	6.8	8.3	8.0	6.2	7.0	5.3	6.9	6.4
SANDPIPER	7.1	5.8	8.0	6.3	5.3	6.2	7.5	7.8	6.7	6.8	7.3	7.3	6.3	7.3	4.9	6.2	6.1
WRIGLEY (ACF 092)	6.2	5.8	7.7	6.3	5.4	5.8	7.5	6.8	7.7	6.8	6.7	7.3	6.2	7.0	5.2	6.6	6.4
BRIDGEPORT	6.9	5.3	7.7	6.1	5.2	5.5	7.7	7.1	6.3	6.7	7.0	7.7	6.3	7.0	5.1	6.6	6.3
SEABREEZE	6.3	5.3	7.7	6.2	5.9	5.2	7.2	6.0	5.3	7.2	7.3	7.3	6.3	7.0	5.7	6.3	5.6
BOREAL	6.2	4.8	6.3	6.2	5.2	5.8	7.7	7.4	7.3	6.6	5.3	6.3	6.4	6.3	5.1	5.9	6.6
COMMON CREEPING RED	6.1	3.8	6.0	6.3	5.2	6.2	7.2	7.2	6.7	6.4	5.0	6.7	6.7	7.0	5.0	5.7	6.1
JAMESTOWN II	7.2	5.0	8.0	5.9	5.0	5.8	7.3	6.8	6.0	6.7	7.7	7.7	6.1	7.0	5.2	6.2	5.7
TREAZURE (E)	6.7	5.6	7.3	6.3	5.3	5.3	7.5	6.3	5.3	6.1	7.0	7.0	6.1	7.0	5.3	5.9	5.9
DAWSON E+	7.1	4.3	7.0	6.5	5.3	5.7	7.0	5.5	7.3	6.3	7.0	7.3	6.6	6.7	4.7	5.8	5.6
SALSA	5.2	4.2	8.0	6.8	5.0	4.2	7.8	5.5	8.0	6.2	5.3	6.3	5.9	6.7	4.4	5.2	5.7
LSD VALUE	1.2	1.3	0.5	1.2	1.1	1.0	1.0	0.9	1.8	0.7	1.2	1.0	0.5	0.5	1.4	1.3	1.2
C.V. (%)	10.3	13.3	4.4	11.1	12.7	10.3	7.8	7.1	18.3	6.0	9.6	8.4	5.2	4.6	16.6	12.5	10.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7A. (CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
ASC 172	8.6	5.8	5.0	8.2	7.7	7.0	6.9	8.7	6.8	8.0	6.8	5.9	7.0	7.3	7.7	7.0	7.0	7.1
SILHOUETTE (PICK FRC 4-92)	7.7	6.1	5.3	7.7	7.7	6.7	6.9	7.7	6.8	7.5	5.6	5.3	7.1	7.5	7.3	7.0	7.1	7.0
ABT-CR-2	7.8	7.1	6.0	7.3	7.2	7.0	7.3	8.3	6.9	7.0	6.4	5.3	6.3	7.0	7.6	6.7	6.9	6.9
PST-4FR	7.5	7.3	4.7	7.2	6.6	7.0	7.2	7.2	6.6	7.0	6.3	6.0	6.1	7.8	7.1	7.1	6.8	6.9
INVERNESS (PST-47TCR)	8.0	6.3	4.3	6.5	7.0	6.7	7.2	8.1	6.8	7.7	6.6	5.3	6.3	7.8	7.1	7.0	7.1	6.9
RESCUE 911	7.4	7.3	3.7	6.7	7.8	6.7	6.7	6.6	6.3	7.8	6.6	6.1	6.8	7.3	7.3	7.0	7.1	6.9
EUREKA II (CIS FL 11)	6.8	7.3	4.0	7.3	8.1	6.3	6.9	5.6	6.3	8.5	6.3	5.7	7.3	8.0	7.7	6.8	7.0	6.9
FLORENTINE	7.8	6.3	5.0	6.8	7.2	7.0	7.3	8.0	6.8	7.0	6.6	6.1	6.4	7.5	6.6	6.9	6.8	6.8
BAR CHF 8 FUS2	7.1	7.2	4.7	6.0	6.8	6.0	6.8	6.7	6.3	8.0	6.1	5.6	6.8	7.3	7.2	7.0	7.0	6.8
BRITTANY	8.0	6.5	5.7	6.3	7.2	6.7	7.1	6.6	6.3	6.3	5.7	4.8	6.3	7.0	7.1	7.1	6.8	6.8
PICK FRC A-93	6.8	7.3	7.0	6.3	7.2	6.3	6.8	6.8	6.3	6.3	6.1	5.4	6.6	7.2	7.1	7.0	6.9	6.8
ABT-CR-3	7.2	6.8	6.3	5.5	7.3	6.7	7.1	7.7	6.8	5.8	6.3	5.2	6.4	7.3	7.0	7.1	6.8	6.8
AMBASSADOR	7.1	6.9	7.7	5.8	7.1	7.7	6.9	6.7	6.6	6.0	5.8	5.1	6.6	7.2	7.1	7.0	7.0	6.7
AMBROSE (ABT-CHW-3)	7.0	7.3	7.0	6.0	7.2	6.0	6.6	6.8	6.6	6.3	5.7	5.5	6.4	7.0	7.3	6.8	7.0	6.7
OXFORD	6.8	7.0	4.0	5.0	7.6	6.7	6.8	6.0	6.2	8.0	5.7	5.9	6.4	6.7	6.9	7.0	7.0	6.7
BERKSHIRE (4001)	7.0	7.2	5.0	5.0	7.6	6.0	6.7	5.8	6.0	8.2	5.7	6.4	6.3	6.8	6.9	6.8	7.1	6.7
BARGENA III (BAR CF 8 FUS1)	7.7	6.7	4.3	6.2	7.2	6.7	6.9	7.8	6.3	7.7	6.3	5.3	6.2	7.5	6.7	7.0	6.8	6.7
ABT-HF-3	5.3	7.7	4.7	7.7	7.4	7.0	6.3	6.3	6.8	8.7	5.8	6.3	7.8	7.2	7.4	7.0	7.0	6.7
VIKING (ABT-HF1)	6.8	7.3	5.3	5.5	7.6	6.0	7.0	5.1	5.8	7.7	5.5	6.1	6.7	7.3	7.0	6.9	7.0	6.7
HARDTOP (BAR HF 8 FUS)	6.6	7.3	3.5	6.0	7.6	7.0	6.8	5.7	6.3	7.8	5.1	5.8	6.3	6.5	7.3	6.7	6.8	6.7
ABT-HF-4	5.1	6.8	4.7	6.2	7.6	7.0	6.8	6.3	6.7	8.2	5.6	6.3	7.9	7.7	7.7	6.9	7.0	6.7
INTRIGUE	6.8	7.3	7.3	6.0	6.9	6.3	7.0	6.7	6.7	6.3	6.1	5.3	6.3	7.2	6.9	7.0	6.8	6.7
BIGHORN	5.1	7.4	4.3	7.8	8.2	6.3	6.4	6.3	6.8	8.3	5.3	6.3	7.9	7.3	8.1	6.9	7.0	6.7
BAR SCF 8 FUS3	7.7	6.8	4.7	6.8	7.3	6.3	6.8	7.2	6.4	6.8	6.1	5.5	6.7	6.7	7.0	6.9	6.8	6.7
PST-4MB	5.3	7.7	5.0	7.5	7.9	6.3	6.2	6.8	6.5	8.2	5.2	6.0	7.6	7.5	7.4	6.8	7.0	6.7
DGSC 94	7.6	5.9	5.0	6.0	6.7	6.3	6.9	8.1	6.7	6.5	6.0	5.5	6.7	7.3	6.7	6.8	6.6	6.7
MINOTAUR	5.7	7.3	4.3	7.2	7.9	6.0	6.3	6.4	6.8	8.3	5.3	5.8	8.1	7.5	7.7	6.8	7.0	6.6
MB-82	7.5	7.0	3.0	6.0	7.2	6.7	6.8	5.3	5.9	8.2	5.8	5.9	6.4	7.5	6.7	6.6	6.8	6.6
CULOMBRA	7.5	6.1	6.0	5.8	6.9	6.0	6.9	6.1	6.3	7.2	5.8	5.4	6.5	7.0	7.0	6.9	6.7	6.6
MAGIC	6.9	7.3	5.7	6.0	7.6	5.7	6.8	6.2	6.5	6.8	6.0	5.4	6.3	7.0	6.7	6.8	6.8	6.6
JASPER II	7.3	7.3	7.0	4.5	7.2	7.0	7.1	7.1	6.3	5.8	6.3	5.4	5.6	6.3	6.8	7.0	6.8	6.6
PICK FF A-97	6.8	6.9	4.3	5.5	7.7	6.7	6.6	5.6	6.2	7.5	5.3	5.5	6.7	6.7	7.1	6.8	6.9	6.6
CINDY LOU (CIS FRR 7)	7.5	5.2	6.3	4.7	7.2	7.0	7.1	7.3	6.8	6.2	6.4	5.7	6.0	6.8	6.6	6.8	6.7	6.6
ASC 082	7.9	5.5	7.0	6.2	6.7	6.7	7.0	7.2	6.6	6.8	5.9	5.1	6.6	7.0	7.0	6.6	6.8	6.6
STONEHENGE (AHF 009)	6.8	6.8	5.7	6.2	7.6	6.3	6.6	5.3	6.0	7.8	5.1	6.3	6.6	6.8	7.2	6.8	6.8	6.6
ABT-CHW-2	6.8	7.7	6.3	4.7	7.1	6.3	7.0	6.9	6.5	5.8	6.2	5.0	6.0	6.8	7.0	6.9	6.9	6.6
LONGFELLOW II	6.9	7.4	7.3	5.2	6.4	5.7	6.8	6.7	6.5	6.2	5.8	5.8	6.1	6.7	6.4	7.1	6.9	6.6
PATHFINDER	7.6	7.2	5.3	5.0	7.2	6.3	6.9	7.4	6.4	6.2	6.0	5.3	5.8	7.2	6.7	6.9	6.8	6.6
CHARIOT (CIS FL 12)	6.5	7.3	5.0	6.2	7.4	6.7	6.8	4.9	5.8	7.8	5.3	5.7	6.8	6.8	7.1	6.8	7.0	6.6
BANNER III	6.9	6.6	4.3	6.0	7.0	7.0	6.9	6.3	6.3	6.5	5.6	5.3	6.2	6.8	6.8	7.0	6.8	6.6
SR 3200	5.0	7.3	3.3	7.3	7.2	7.3	6.7	6.3	6.7	8.0	5.1	5.3	7.6	7.3	7.3	6.9	6.9	6.6
QUATRO	6.7	7.2	4.7	7.0	7.3	6.7	7.0	6.2	6.0	6.7	4.9	6.5	6.8	7.0	6.4	6.8	7.2	6.5
SR 6000	7.2	7.4	5.0	6.0	6.7	5.7	6.9	7.2	6.1	7.7	6.8	5.0	6.6	7.0	7.1	6.4	6.0	6.5
ASR 049	7.0	7.3	4.5	6.7	7.3	6.3	7.0	7.0	6.1	6.5	5.8	5.7	6.8	6.0	6.9	6.6	6.8	6.5

TABLE 7A. (CONT')

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
SCALDIS II (AHF 008)	6.9	6.9	4.7	6.0	7.1	6.3	7.0	5.4	6.1	8.2	5.0	5.9	6.6	6.2	7.0	6.4	6.8	6.5
DISCOVERY	6.2	7.2	5.0	5.8	7.2	6.7	6.5	5.6	5.8	8.0	5.4	6.1	6.7	6.5	6.8	6.8	6.6	6.5
ATTILA E	6.8	7.0	4.0	6.0	6.9	6.0	6.8	5.2	6.1	7.5	5.3	5.6	6.5	6.8	6.9	6.8	6.8	6.5
PST-4HM	7.1	5.3	4.3	5.5	7.1	6.3	6.6	5.2	5.9	7.7	5.4	5.6	6.6	7.0	6.9	6.6	6.8	6.5
NORDIC (E)	6.5	7.2	4.3	4.7	7.3	6.7	6.6	4.9	5.9	7.2	5.3	5.8	6.5	6.7	6.4	6.4	6.8	6.5
ABT-HF-2	6.6	7.0	4.5	4.8	7.0	6.3	6.3	5.1	6.0	8.0	5.4	5.8	6.5	6.7	6.7	6.5	6.6	6.5
HERON	6.8	6.9	4.3	5.8	7.3	7.0	6.4	5.4	6.1	7.0	5.4	5.8	6.3	7.3	6.6	6.7	6.6	6.5
SCALDIS	6.7	6.6	4.0	6.5	7.2	6.3	6.7	4.7	5.9	7.3	5.1	5.6	6.8	6.7	6.9	6.8	6.8	6.5
DEFIANT	6.5	6.9	4.0	5.7	7.4	5.7	6.7	5.2	5.9	7.7	5.3	5.7	6.7	6.3	6.7	6.8	6.8	6.5
ABERDEEN (PST-EFL)	6.6	6.0	5.0	4.5	7.0	6.3	7.1	6.9	6.5	5.5	6.4	5.3	5.5	7.0	6.6	6.8	6.8	6.5
SRX 52961	6.9	5.2	6.3	3.7	7.0	6.3	7.0	7.3	6.7	5.8	5.9	5.3	5.8	6.7	6.4	6.5	6.8	6.5
MB-63	6.8	6.8	6.0	5.7	6.6	5.3	6.8	6.0	6.3	6.2	5.8	5.0	6.4	7.0	6.2	6.8	6.8	6.5
SR 5210 (SRX 52LAV)	7.1	5.1	5.7	5.7	6.8	6.3	7.1	7.2	6.3	6.3	5.8	5.4	5.6	7.3	6.7	6.8	6.6	6.5
RELIANT II	6.5	7.1	4.3	5.3	7.0	6.3	7.1	4.9	6.1	7.3	5.3	5.8	6.3	6.5	6.4	6.6	6.9	6.4
OSPREY	6.5	7.2	4.7	5.0	7.0	6.0	6.4	5.1	6.2	6.8	5.3	5.4	6.4	7.2	7.0	6.7	6.8	6.4
ROSE (ASC 087)	6.8	6.8	5.0	5.5	7.0	6.0	6.9	7.2	6.3	6.5	5.8	5.0	6.3	7.0	6.3	6.8	6.8	6.4
ABT-CHW-1	.	6.1	4.7	6.0	6.8	6.0	6.7	6.4	6.3	6.5	5.5	5.0	5.8	6.8	6.7	6.8	6.7	6.4
NAVIGATOR (CIS FRR 5)	6.9	5.4	6.3	4.5	7.6	5.7	6.9	6.4	6.4	6.0	6.1	5.3	5.8	7.7	6.0	6.8	6.6	6.4
SHADEMASTER II	6.6	6.2	4.3	4.3	6.7	6.0	6.9	6.8	6.3	6.2	5.8	5.6	6.3	7.0	6.4	6.7	6.6	6.4
SHADOW II	6.3	6.8	4.7	3.3	6.3	6.7	6.8	5.8	6.3	5.8	5.6	4.9	6.0	6.3	6.2	6.9	6.8	6.3
ACF 083	6.8	6.6	5.5	5.2	6.3	6.7	6.8	5.2	6.2	6.3	5.1	5.0	5.8	6.7	6.3	6.8	6.6	6.3
TIFFANY	6.2	6.8	4.7	4.5	6.6	6.3	6.7	5.3	5.9	6.0	5.7	5.1	6.3	7.0	6.0	6.8	6.4	6.2
SRX 3961	6.2	7.2	4.0	3.7	6.4	6.0	6.8	5.3	5.8	7.2	5.3	6.1	5.6	6.0	6.2	6.3	6.6	6.2
SHADEMARK	6.7	6.2	3.7	5.2	6.6	5.0	6.9	7.0	6.3	6.2	5.7	4.2	5.8	7.2	6.0	6.8	6.4	6.2
SR 5100	5.8	7.3	6.3	4.3	6.2	6.0	6.4	6.0	6.3	5.8	5.2	4.3	5.4	6.3	6.4	6.4	6.5	6.1
SANDPIPER	6.3	6.1	4.3	4.2	6.3	5.0	7.1	5.4	6.1	5.7	5.2	4.6	5.6	6.5	5.9	6.8	6.4	6.1
WRIGLEY (ACF 092)	6.1	7.0	4.7	3.2	5.8	6.0	6.7	5.2	5.8	6.7	5.0	4.9	5.8	5.7	6.3	6.8	6.8	6.1
BRIDGEPORT	5.8	7.0	5.7	4.2	6.1	6.0	6.7	5.2	6.0	6.2	5.0	4.6	5.2	6.3	5.8	6.4	6.6	6.0
SEABREEZE	5.7	6.7	3.7	4.5	6.4	5.7	6.8	5.4	6.0	5.3	5.5	5.5	5.8	6.0	6.0	6.5	6.4	6.0
BOREAL	6.9	6.0	1.7	4.5	6.7	5.3	6.8	6.1	5.8	6.5	4.8	4.7	5.7	6.5	5.9	6.6	6.4	6.0
COMMON CREEPING RED	6.8	5.9	3.3	3.7	6.4	5.7	6.4	6.3	5.8	6.8	4.8	4.8	5.8	5.8	6.0	6.5	6.4	5.9
JAMESTOWN II	5.5	6.7	4.0	3.2	5.8	5.3	6.8	4.9	6.0	5.3	5.0	4.5	5.3	5.7	6.0	6.8	6.3	5.9
TREAZURE (E)	5.5	6.8	4.0	3.0	5.7	5.7	6.6	4.2	5.9	5.5	5.1	4.7	4.8	5.5	5.8	6.5	6.0	5.8
DAWSON E+	6.0	5.7	3.0	3.7	6.1	5.0	6.8	5.2	5.6	4.7	5.3	4.6	5.9	5.0	6.2	6.3	6.3	5.7
SALSA	5.4	6.9	2.7	1.3	5.3	5.7	6.6	5.1	5.6	6.0	5.1	4.6	5.3	5.0	5.7	6.3	6.1	5.5
LSD VALUE	1.3	1.9	1.6	1.5	1.4	1.2	0.7	1.0	0.7	1.0	1.2	1.4	1.2	1.1	1.1	0.5	0.6	0.2
C.V. (%)	12.1	17.6	19.7	16.3	12.8	11.5	6.1	10.1	7.1	9.4	13.1	15.6	12.0	9.7	10.2	4.7	5.3	11.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7B.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
SILHOUETTE (PICK FRC 4-92)	7.9	6.8	6.7	6.5	5.6	6.7	8.2	8.6	7.3	7.3	8.3	8.0	6.6	7.0	6.6	7.9	7.3
BAR CHF 8 FUS2	7.8	6.6	7.7	6.6	5.8	6.8	7.8	8.6	7.0	7.0	8.0	8.0	6.4	7.0	5.7	7.4	7.3
BRITTANY	7.7	6.8	8.0	7.0	5.4	6.2	8.0	8.4	8.3	7.2	8.0	8.3	6.3	7.0	5.8	7.4	7.6
PICK FRC A-93	7.3	7.2	8.0	6.5	5.9	6.8	8.3	8.2	6.0	7.1	8.0	8.0	6.2	7.0	5.9	7.7	6.9
AMBASSADOR	7.8	6.2	7.0	6.5	5.3	6.3	8.2	8.0	7.0	7.3	8.3	8.3	6.2	7.0	6.6	7.2	6.6
AMBROSE (ABT-CHW-3)	7.3	6.9	6.7	6.9	5.4	5.7	8.0	8.1	6.3	7.0	8.3	8.3	6.6	7.3	5.7	7.4	7.1
INTRIGUE	7.3	5.9	7.0	6.8	6.0	6.3	7.5	7.7	6.7	7.3	8.3	8.0	6.3	7.3	5.3	7.3	7.1
CULOMBRA	7.3	6.5	7.0	6.3	5.6	6.5	7.7	7.8	8.0	7.1	8.0	8.3	6.4	7.3	5.9	7.2	6.9
MAGIC	7.8	6.5	7.7	6.3	5.2	5.8	8.0	7.9	5.7	7.0	8.3	7.7	6.2	7.0	6.0	7.0	7.3
ABT-CHW-2	7.8	5.8	7.0	6.2	5.2	6.0	8.2	7.7	5.0	7.0	8.0	8.0	6.2	7.3	5.9	7.1	7.3
LONGFELLOW II	7.1	6.3	7.0	6.7	5.6	5.8	8.5	7.5	5.3	7.1	8.0	7.3	6.3	7.0	5.9	7.3	7.0
BANNER III	7.7	6.1	7.0	6.5	5.6	6.2	7.7	7.8	6.0	7.1	8.0	7.7	6.4	7.0	5.2	7.2	7.1
MB-63	7.1	6.7	7.0	6.2	5.4	6.2	8.3	7.6	7.3	7.1	7.7	7.7	6.3	6.7	5.6	6.9	6.7
ABT-CHW-1	7.7	6.3	8.0	6.3	5.2	6.3	8.0	7.5	7.0	7.0	8.3	8.0	6.1	6.7	5.4	7.3	6.7
SHADOW II	7.8	5.8	7.0	6.6	5.7	5.5	7.8	7.3	6.3	7.1	7.7	8.0	6.2	7.0	6.0	7.3	6.5
ACF 083	6.3	6.0	8.0	6.4	5.6	6.2	7.8	8.0	8.0	6.6	8.0	7.7	6.3	7.0	5.3	6.9	6.1
TIFFANY	6.9	5.6	7.0	6.8	5.4	6.2	7.7	6.9	6.7	6.8	7.0	8.0	6.2	7.0	5.3	7.0	6.4
SR 5100	6.9	4.9	7.0	6.1	4.9	5.7	7.7	7.2	6.7	6.8	8.3	8.0	6.2	7.0	5.3	6.9	6.4
SANDPIPER	7.1	5.8	8.0	6.3	5.3	6.2	7.5	7.8	6.7	6.8	7.3	7.3	6.3	7.3	4.9	6.2	6.1
WRIGLEY (ACF 092)	6.2	5.8	7.7	6.3	5.4	5.8	7.5	6.8	7.7	6.8	6.7	7.3	6.2	7.0	5.2	6.6	6.4
BRIDGEPORT	6.9	5.3	7.7	6.1	5.2	5.5	7.7	7.1	6.3	6.7	7.0	7.7	6.3	7.0	5.1	6.6	6.3
JAMESTOWN II	7.2	5.0	8.0	5.9	5.0	5.8	7.3	6.8	6.0	6.7	7.7	7.7	6.1	7.0	5.2	6.2	5.7
TREASURE (E)	6.7	5.6	7.3	6.3	5.3	5.3	7.5	6.3	5.3	6.1	7.0	7.0	6.1	7.0	5.3	5.9	5.9
LSD VALUE	1.3	1.3	0.5	1.3	1.0	1.0	1.0	0.7	2.0	0.6	1.2	0.9	0.5	0.5	1.3	1.3	1.1
C.V. (%)	11.0	13.2	4.3	12.2	11.5	10.6	7.8	6.3	18.5	5.0	9.6	7.2	5.6	4.5	14.1	12.3	9.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 7B. (CONT'D)

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

## GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
SILHOUETTE (PICK FRC 4-92)	7.7	6.1	5.3	7.7	7.7	6.7	6.9	7.7	6.8	7.5	5.6	5.3	7.1	7.5	7.3	7.0	7.1	7.0
BAR CHF 8 FUS2	7.1	7.2	4.7	6.0	6.8	6.0	6.8	6.7	6.3	8.0	6.1	5.6	6.8	7.3	7.2	7.0	7.0	6.8
BRITTANY	8.0	6.5	5.7	6.3	7.2	6.7	7.1	6.6	6.3	6.3	5.7	4.8	6.3	7.0	7.1	7.1	6.8	6.8
PICK FRC A-93	6.8	7.3	7.0	6.3	7.2	6.3	6.8	6.8	6.3	6.3	6.1	5.4	6.6	7.2	7.1	7.0	6.9	6.8
AMBASSADOR	7.1	6.9	7.7	5.8	7.1	7.7	6.9	6.7	6.6	6.0	5.8	5.1	6.6	7.2	7.1	7.0	7.0	6.7
AMBROSE (ABT-CHW-3)	7.0	7.3	7.0	6.0	7.2	6.0	6.6	6.8	6.6	6.3	5.7	5.5	6.4	7.0	7.3	6.8	7.0	6.7
INTRIGUE	6.8	7.3	7.3	6.0	6.9	6.3	7.0	6.7	6.7	6.3	6.1	5.3	6.3	7.2	6.9	7.0	6.8	6.7
CULOMBRA	7.5	6.1	6.0	5.8	6.9	6.0	6.9	6.1	6.3	7.2	5.8	5.4	6.5	7.0	7.0	6.9	6.7	6.6
MAGIC	6.9	7.3	5.7	6.0	7.6	5.7	6.8	6.2	6.5	6.8	6.0	5.4	6.3	7.0	6.7	6.8	6.8	6.6
ABT-CHW-2	6.8	7.7	6.3	4.7	7.1	6.3	7.0	6.9	6.5	5.8	6.2	5.0	6.0	6.8	7.0	6.9	6.9	6.6
LONGFELLOW II	6.9	7.4	7.3	5.2	6.4	5.7	6.8	6.7	6.5	6.2	5.8	5.8	6.1	6.7	6.4	7.1	6.9	6.6
BANNER III	6.9	6.6	4.3	6.0	7.0	7.0	6.9	6.3	6.3	6.5	5.6	5.3	6.2	6.8	6.8	7.0	6.8	6.6
MB-63	6.8	6.8	6.0	5.7	6.6	5.3	6.8	6.0	6.3	6.2	5.8	5.0	6.4	7.0	6.2	6.8	6.8	6.5
ABT-CHW-1	.	6.1	4.7	6.0	6.8	6.0	6.7	6.4	6.3	6.5	5.5	5.0	5.8	6.8	6.7	6.8	6.7	6.4
SHADOW II	6.3	6.8	4.7	3.3	6.3	6.7	6.8	5.8	6.3	5.8	5.6	4.9	6.0	6.3	6.2	6.9	6.8	6.3
ACF 083	6.8	6.6	5.5	5.2	6.3	6.7	6.8	5.2	6.2	6.3	5.1	5.0	5.8	6.7	6.3	6.8	6.6	6.3
TIFFANY	6.2	6.8	4.7	4.5	6.6	6.3	6.7	5.3	5.9	6.0	5.7	5.1	6.3	7.0	6.0	6.8	6.4	6.2
SR 5100	5.8	7.3	6.3	4.3	6.2	6.0	6.4	6.0	6.3	5.8	5.2	4.3	5.4	6.3	6.4	6.4	6.5	6.1
SANDPIPER	6.3	6.1	4.3	4.2	6.3	5.0	7.1	5.4	6.1	5.7	5.2	4.6	5.6	6.5	5.9	6.8	6.4	6.1
WRIGLEY (ACF 092)	6.1	7.0	4.7	3.2	5.8	6.0	6.7	5.2	5.8	6.7	5.0	4.9	5.8	5.7	6.3	6.8	6.8	6.1
BRIDGEPORT	5.8	7.0	5.7	4.2	6.1	6.0	6.7	5.2	6.0	6.2	5.0	4.6	5.2	6.3	5.8	6.4	6.6	6.0
JAMESTOWN II	5.5	6.7	4.0	3.2	5.8	5.3	6.8	4.9	6.0	5.3	5.0	4.5	5.3	5.7	6.0	6.8	6.3	5.9
TREAZURE (E)	5.5	6.8	4.0	3.0	5.7	5.7	6.6	4.2	5.9	5.5	5.1	4.7	4.8	5.5	5.8	6.5	6.0	5.8
LSD VALUE	1.3	1.5	1.8	1.6	1.3	1.2	0.7	1.0	0.8	1.0	1.3	1.4	1.3	1.1	1.0	0.5	0.6	0.2
C.V. (%)	11.8	13.3	19.8	18.4	12.2	12.5	5.9	10.8	7.4	9.8	14.3	17.7	13.8	9.7	9.5	4.1	5.4	11.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7C.

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	C01	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	M01	MT1	NC1
BAR SCF 8 FUS3	7.2	5.3	7.7	6.8	5.6	6.5	7.5	8.2	5.3	7.1	8.3	7.3	6.4	7.3	6.0	6.8	6.5
ASR 049	7.3	5.6	7.7	6.7	5.9	5.2	8.0	6.0	6.0	7.3	7.7	8.0	6.4	7.0	4.7	7.0	6.7
SEABREEZE	6.3	5.3	7.7	6.2	5.9	5.2	7.2	6.0	5.3	7.2	7.3	7.3	6.3	7.0	5.7	6.3	5.6
DAWSON E+	7.1	4.3	7.0	6.5	5.3	5.7	7.0	5.5	7.3	6.3	7.0	7.3	6.6	6.7	4.7	5.8	5.6
LSD VALUE	1.1	1.2	0.8	1.2	1.3	1.0	0.9	1.4	1.4	0.8	1.4	0.8	0.5	0.7	1.7	1.3	1.2
C.V. (%)	9.8	14.9	6.7	11.5	13.9	12.0	7.8	14.9	14.4	6.7	11.4	6.7	5.1	5.8	20.4	13.4	12.0

TABLE 7C. (CONT'D)

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
BAR SCF 8 FUS3	7.7	6.8	4.7	6.8	7.3	6.3	6.8	7.2	6.4	6.8	6.1	5.5	6.7	6.7	7.0	6.9	6.8	6.7
ASR 049	7.0	7.3	4.5	6.7	7.3	6.3	7.0	7.0	6.1	6.5	5.8	5.7	6.8	6.0	6.9	6.6	6.8	6.5
SEABREEZE	5.7	6.7	3.7	4.5	6.4	5.7	6.8	5.4	6.0	5.3	5.5	5.5	5.8	6.0	6.0	6.5	6.4	6.0
DAWSON E+	6.0	5.7	3.0	3.7	6.1	5.0	6.8	5.2	5.6	4.7	5.3	4.6	5.9	5.0	6.2	6.3	6.3	5.7
LSD VALUE	1.3	1.7	0.9	1.5	1.3	1.1	1.1	1.1	0.8	1.1	1.1	1.1	0.8	1.2	0.7	0.5	0.6	0.2
C.V. (%)	12.7	16.7	12.9	17.3	12.1	12.1	8.1	10.9	8.0	12.3	12.3	12.5	7.9	12.3	7.0	4.5	5.3	11.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7D.

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
ASC 172	8.3	6.4	8.0	6.3	4.5	7.5	8.0	8.3	6.7	7.0	8.7	8.3	6.9	7.0	6.2	6.7	7.8
ABT-CR-2	7.8	6.1	8.0	6.8	5.4	6.3	8.7	8.0	5.3	7.0	8.0	8.3	6.7	7.3	6.4	6.8	7.5
PST-4FR	7.3	6.9	7.3	6.9	5.8	5.8	8.8	8.2	6.3	7.2	7.0	8.3	6.6	7.0	6.4	6.9	6.8
INVERNESS (PST-47TCR)	7.7	6.4	7.0	6.5	5.5	7.3	8.3	8.3	6.3	7.0	7.7	7.7	6.6	7.0	5.4	6.9	7.5
FLORENTINE	6.8	6.3	8.0	6.4	5.7	6.0	8.2	8.3	6.7	7.0	7.3	7.3	6.7	7.3	6.2	6.7	7.4
ABT-CR-3	7.7	6.3	8.0	7.0	5.7	6.3	8.3	7.8	6.3	6.9	7.7	8.0	6.4	6.7	5.4	6.7	7.4
BARGENA III (BAR CF 8 FUS1)	7.2	5.8	7.0	6.3	5.6	6.5	8.0	8.3	7.3	6.8	7.7	7.3	6.7	7.0	5.7	6.9	7.0
DGSC 94	7.3	6.5	6.3	6.2	5.8	6.2	7.7	8.0	6.3	7.0	6.7	7.7	6.7	7.0	5.9	6.9	7.3
JASPER II	7.3	5.9	8.0	6.6	5.5	6.5	8.5	7.2	6.3	6.9	7.7	7.7	6.6	7.0	5.6	7.1	7.0
CINDY LOU (CIS FRR 7)	6.8	6.3	8.0	6.7	5.5	6.0	9.0	7.3	6.3	6.9	7.7	7.7	6.3	7.0	6.2	6.8	7.0
ASC 082	6.8	6.6	7.7	6.3	5.0	6.5	8.0	7.6	6.7	7.0	6.7	7.7	6.4	6.7	5.7	6.4	7.4
PATHFINDER	6.9	6.0	7.0	6.5	4.8	5.8	8.3	7.5	7.7	7.0	7.3	7.7	6.6	7.0	6.4	6.4	6.5
ABERDEEN (PST-EFL)	6.9	6.8	7.0	6.7	5.8	6.3	8.0	7.8	6.0	6.4	7.3	7.3	6.3	7.0	5.0	6.8	6.6
SRX 52961	7.1	5.9	8.0	6.7	5.7	6.0	8.7	8.2	5.3	6.7	7.0	7.7	6.6	7.0	5.6	6.8	6.8
SR 5210 (SRX 52LAV)	7.2	5.7	7.0	6.2	5.8	6.5	8.0	7.3	7.7	6.9	7.3	7.7	6.7	6.7	5.8	6.7	6.8
ROSE (ASC 087)	6.8	5.5	6.7	6.3	5.5	6.3	7.8	7.1	6.7	7.2	7.0	7.7	6.6	7.0	5.7	6.1	6.7
NAVIGATOR (CIS FRR 5)	7.2	5.8	7.7	6.7	5.3	6.5	8.7	7.2	6.3	6.8	7.7	7.7	6.4	7.0	5.9	6.8	6.5
SHADEMASTER II	7.1	5.3	7.3	6.5	5.3	6.5	7.8	7.0	6.0	6.9	7.7	8.0	6.3	7.0	5.9	6.4	6.5
SHADEMARK	6.8	5.5	7.0	5.8	5.3	6.0	7.7	6.8	7.0	6.9	6.7	7.3	6.4	6.0	5.6	6.4	6.9
BOREAL	6.2	4.8	6.3	6.2	5.2	5.8	7.7	7.4	7.3	6.6	5.3	6.3	6.4	6.3	5.1	5.9	6.6
COMMON CREEPING RED	6.1	3.8	6.0	6.3	5.2	6.2	7.2	7.2	6.7	6.4	5.0	6.7	6.7	7.0	5.0	5.7	6.1
SALSA	5.2	4.2	8.0	6.8	5.0	4.2	7.8	5.5	8.0	6.2	5.3	6.3	5.9	6.7	4.4	5.2	5.7
LSD VALUE	1.2	1.4	0.5	1.1	1.1	0.9	0.9	0.8	2.1	0.7	1.2	1.1	0.5	0.5	1.4	1.3	1.1
C.V. (%)	10.7	14.6	4.4	11.0	12.9	9.7	7.1	6.3	19.9	5.9	10.7	8.8	5.4	4.7	15.6	12.9	9.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7D. (CONT'D)

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
ASC 172	8.6	5.8	5.0	8.2	7.7	7.0	6.9	8.7	6.8	8.0	6.8	5.9	7.0	7.3	7.7	7.0	7.0	7.1
ABT-CR-2	7.8	7.1	6.0	7.3	7.2	7.0	7.3	8.3	6.9	7.0	6.4	5.3	6.3	7.0	7.6	6.7	6.9	6.9
PST-4FR	7.5	7.3	4.7	7.2	6.6	7.0	7.2	7.2	6.6	7.0	6.3	6.0	6.1	7.8	7.1	7.1	6.8	6.9
INVERNESS (PST-47TCR)	8.0	6.3	4.3	6.5	7.0	6.7	7.2	8.1	6.8	7.7	6.6	5.3	6.3	7.8	7.1	7.0	7.1	6.9
FLORENTINE	7.8	6.3	5.0	6.8	7.2	7.0	7.3	8.0	6.8	7.0	6.6	6.1	6.4	7.5	6.6	6.9	6.8	6.8
ABT-CR-3	7.2	6.8	6.3	5.5	7.3	6.7	7.1	7.7	6.8	5.8	6.3	5.2	6.4	7.3	7.0	7.1	6.8	6.8
BARGENA III (BAR CF 8 FUS1)	7.7	6.7	4.3	6.2	7.2	6.7	6.9	7.8	6.3	7.7	6.3	5.3	6.2	7.5	6.7	7.0	6.8	6.7
DGSC 94	7.6	5.9	5.0	6.0	6.7	6.3	6.9	8.1	6.7	6.5	6.0	5.5	6.7	7.3	6.7	6.8	6.6	6.7
JASPER II	7.3	7.3	7.0	4.5	7.2	7.0	7.1	7.1	6.3	5.8	6.3	5.4	5.6	6.3	6.8	7.0	6.8	6.6
CINDY LOU (CIS FRR 7)	7.5	5.2	6.3	4.7	7.2	7.0	7.1	7.3	6.8	6.2	6.4	5.7	6.0	6.8	6.6	6.8	6.7	6.6
ASC 082	7.9	5.5	7.0	6.2	6.7	6.7	7.0	7.2	6.6	6.8	5.9	5.1	6.6	7.0	7.0	6.6	6.8	6.6
PATHFINDER	7.6	7.2	5.3	5.0	7.2	6.3	6.9	7.4	6.4	6.2	6.0	5.3	5.8	7.2	6.7	6.9	6.8	6.6
ABERDEEN (PST-EFL)	6.6	6.0	5.0	4.5	7.0	6.3	7.1	6.9	6.5	5.5	6.4	5.3	5.5	7.0	6.6	6.8	6.8	6.5
SRX 52961	6.9	5.2	6.3	3.7	7.0	6.3	7.0	7.3	6.7	5.8	5.9	5.3	5.8	6.7	6.4	6.5	6.8	6.5
SR 5210 (SRX 52LAV)	7.1	5.1	5.7	5.7	6.8	6.3	7.1	7.2	6.3	6.3	5.8	5.4	5.6	7.3	6.7	6.8	6.6	6.5
ROSE (ASC 087)	6.8	6.8	5.0	5.5	7.0	6.0	6.9	7.2	6.3	6.5	5.8	5.0	6.3	7.0	6.3	6.8	6.8	6.4
NAVIGATOR (CIS FRR 5)	6.9	5.4	6.3	4.5	7.6	5.7	6.9	6.4	6.4	6.0	6.1	5.3	5.8	7.7	6.0	6.8	6.6	6.4
SHADEMASTER II	6.6	6.2	4.3	4.3	6.7	6.0	6.9	6.8	6.3	6.2	5.8	5.6	6.3	7.0	6.4	6.7	6.6	6.4
SHADEMARK	6.7	6.2	3.7	5.2	6.6	5.0	6.9	7.0	6.3	6.2	5.7	4.2	5.8	7.2	6.0	6.8	6.4	6.2
BOREAL	6.9	6.0	1.7	4.5	6.7	5.3	6.8	6.1	5.8	6.5	4.8	4.7	5.7	6.5	5.9	6.6	6.4	6.0
COMMON CREEPING RED	6.8	5.9	3.3	3.7	6.4	5.7	6.4	6.3	5.8	6.8	4.8	4.8	5.8	5.8	6.0	6.5	6.4	5.9
SALSA	5.4	6.9	2.7	1.3	5.3	5.7	6.6	5.1	5.6	6.0	5.1	4.6	5.3	5.0	5.7	6.3	6.1	5.5
LSD VALUE	1.3	2.6	1.4	1.3	1.4	0.9	0.8	0.9	0.7	1.1	1.2	1.4	1.3	1.0	1.0	0.5	0.7	0.2
C.V. (%)	11.2	27.2	16.8	16.1	12.8	9.1	6.4	7.9	6.5	10.6	12.3	16.2	13.5	8.8	9.4	4.8	6.4	11.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7E.

GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
RESCUE 911	8.1	7.1	7.7	7.0	5.4	7.7	7.5	8.5	4.0	7.2	8.3	8.0	6.7	7.0	5.0	6.6	7.0
EUREKA II (CIS FL 11)	7.8	7.3	8.0	6.8	5.9	7.2	7.5	8.6	5.0	7.0	8.3	7.3	6.7	7.0	5.6	6.6	6.6
OXFORD	8.3	7.1	7.3	7.3	5.8	6.7	7.8	8.3	5.3	7.0	7.7	8.7	6.4	7.0	5.4	6.3	6.8
BERKSHIRE (4001)	7.8	6.9	8.0	7.3	6.1	7.0	7.7	8.3	5.7	7.0	7.3	8.0	6.7	7.0	5.1	6.4	6.8
ABT-HF-3	7.3	7.0	8.0	6.0	5.7	8.3	6.8	7.6	5.7	6.9	8.3	7.3	6.2	7.0	5.3	6.1	5.7
VIKING (ABT-HF1)	7.1	7.0	7.7	7.0	6.3	6.3	7.8	8.3	6.7	7.2	7.7	7.0	6.8	6.7	5.2	6.7	6.8
HARDTOP (BAR HF 8 FUS)	8.2	6.9	8.0	6.7	5.8	7.0	7.2	8.8	6.3	7.0	8.0	7.7	6.8	7.0	5.4	6.4	6.8
ABT-HF-4	7.2	7.4	8.0	5.9	5.8	7.7	6.8	7.6	4.7	7.1	8.0	7.3	6.3	7.0	4.7	7.1	6.3
BIGHORN	7.8	6.9	7.0	6.0	5.8	8.0	6.3	7.3	5.3	7.3	8.7	8.3	6.4	7.0	5.0	6.6	5.1
MINOTAUR	7.7	6.9	7.7	5.8	5.5	7.5	6.5	7.4	6.3	7.0	7.7	8.0	6.3	7.0	5.6	6.6	5.7
MB-82	7.8	6.6	7.3	6.8	5.8	6.5	7.7	8.3	6.0	6.9	7.7	7.7	6.4	7.0	5.0	6.9	6.6
PICK FF A-97	7.8	6.3	7.7	6.8	5.8	7.3	7.3	8.6	5.3	6.8	8.0	7.7	6.8	7.0	5.2	6.8	6.6
STONEHENGE (AHF 009)	7.8	6.9	7.7	6.7	6.1	6.3	7.3	7.8	6.0	7.0	7.7	7.7	6.8	7.0	4.8	6.2	6.6
CHARIOT (CIS FL 12)	7.8	6.8	7.0	6.8	5.6	6.8	7.3	8.3	6.7	7.0	8.0	7.3	6.7	7.3	4.3	6.4	5.9
SCALDIS II (AHF 008)	7.3	6.7	8.0	6.8	5.8	7.0	7.3	7.8	5.7	7.0	8.0	8.0	6.8	7.3	4.1	6.8	6.3
DISCOVERY	7.2	6.8	7.0	6.8	5.3	6.8	7.5	8.4	4.7	7.0	7.0	7.3	6.3	7.0	5.2	6.3	6.3
ATTILA E	7.2	6.8	7.7	6.5	5.8	6.5	7.5	8.1	7.0	7.1	7.3	7.7	6.6	7.0	4.8	6.0	6.2
PST-4HM	7.9	6.4	7.0	7.4	5.8	6.8	7.8	8.1	5.0	6.9	7.7	8.0	6.6	6.3	4.8	5.9	6.9
NORDIC (E)	7.7	6.4	8.0	7.6	5.8	6.5	7.3	8.0	5.3	7.0	7.7	7.3	6.6	7.0	5.0	6.3	6.4
ABT-HF-2	7.7	7.2	8.0	6.9	5.9	6.2	7.7	8.1	5.7	6.8	7.3	7.7	6.4	7.0	5.4	5.6	6.1
HERON	7.2	6.4	8.0	5.8	6.2	6.5	7.7	8.5	4.3	7.0	7.0	7.3	6.6	7.0	4.8	6.1	6.4
SCALDIS	7.9	7.0	7.0	6.4	5.4	7.0	7.8	7.8	5.3	6.8	8.0	7.7	6.8	7.0	5.0	6.0	6.1
DEFIANT	7.3	6.7	7.0	7.2	5.6	6.2	7.3	7.7	6.7	6.9	7.7	7.3	6.6	7.0	4.7	6.3	6.8
RELIANT II	7.7	6.4	7.0	6.9	5.6	6.7	7.2	7.5	5.3	7.0	7.7	7.7	6.4	7.0	4.2	6.9	6.5
OSPREY	7.1	6.9	7.0	6.8	5.8	6.2	7.5	8.3	5.0	6.8	7.3	7.7	6.6	7.0	4.7	6.2	6.7
SRX 3961	7.2	6.0	8.0	7.3	5.8	6.0	7.2	7.4	5.0	6.9	6.7	8.0	6.4	7.0	4.7	6.7	5.3
LSD VALUE	1.1	1.4	0.5	1.1	1.1	1.1	1.1	0.9	1.4	0.7	1.0	1.1	0.5	0.5	1.5	1.2	1.3
C.V. (%)	9.0	12.5	4.2	10.6	12.4	10.5	8.9	7.1	15.8	6.6	8.0	9.0	4.6	4.3	18.4	12.3	12.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7E. (CONT'D)

GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
RESCUE 911	7.4	7.3	3.7	6.7	7.8	6.7	6.7	6.6	6.3	7.8	6.6	6.1	6.8	7.3	7.3	7.0	7.1	6.9
EUREKA II (CIS FL 11)	6.8	7.3	4.0	7.3	8.1	6.3	6.9	5.6	6.3	8.5	6.3	5.7	7.3	8.0	7.7	6.8	7.0	6.9
OXFORD	6.8	7.0	4.0	5.0	7.6	6.7	6.8	6.0	6.2	8.0	5.7	5.9	6.4	6.7	6.9	7.0	7.0	6.7
BERKSHIRE (4001)	7.0	7.2	5.0	5.0	7.6	6.0	6.7	5.8	6.0	8.2	5.7	6.4	6.3	6.8	6.9	6.8	7.1	6.7
ABT-HF-3	5.3	7.7	4.7	7.7	7.4	7.0	6.3	6.3	6.8	8.7	5.8	6.3	7.8	7.2	7.4	7.0	7.0	6.7
VIKING (ABT-HF1)	6.8	7.3	5.3	5.5	7.6	6.0	7.0	5.1	5.8	7.7	5.5	6.1	6.7	7.3	7.0	6.9	7.0	6.7
HARDTOP (BAR HF 8 FUS)	6.6	7.3	3.5	6.0	7.6	7.0	6.8	5.7	6.3	7.8	5.1	5.8	6.3	6.5	7.3	6.7	6.8	6.7
ABT-HF-4	5.1	6.8	4.7	6.2	7.6	7.0	6.8	6.3	6.7	8.2	5.6	6.3	7.9	7.7	7.7	6.9	7.0	6.7
BIGHORN	5.1	7.4	4.3	7.8	8.2	6.3	6.4	6.3	6.8	8.3	5.3	6.3	7.9	7.3	8.1	6.9	7.0	6.7
MINOTAUR	5.7	7.3	4.3	7.2	7.9	6.0	6.3	6.4	6.8	8.3	5.3	5.8	8.1	7.5	7.7	6.8	7.0	6.6
MB-82	7.5	7.0	3.0	6.0	7.2	6.7	6.8	5.3	5.9	8.2	5.8	5.9	6.4	7.5	6.7	6.6	6.8	6.6
PICK FF A-97	6.8	6.9	4.3	5.5	7.7	6.7	6.6	5.6	6.2	7.5	5.3	5.5	6.7	6.7	7.1	6.8	6.9	6.6
STONEHENGE (AHF 009)	6.8	6.8	5.7	6.2	7.6	6.3	6.6	5.3	6.0	7.8	5.1	6.3	6.6	6.8	7.2	6.8	6.8	6.6
CHARIOT (CIS FL 12)	6.5	7.3	5.0	6.2	7.4	6.7	6.8	4.9	5.8	7.8	5.3	5.7	6.8	6.8	7.1	6.8	7.0	6.6
SCALDIS II (AHF 008)	6.9	6.9	4.7	6.0	7.1	6.3	7.0	5.4	6.1	8.2	5.0	5.9	6.6	6.2	7.0	6.4	6.8	6.5
DISCOVERY	6.2	7.2	5.0	5.8	7.2	6.7	6.5	5.6	5.8	8.0	5.4	6.1	6.7	6.5	6.8	6.8	6.6	6.5
ATTILA E	6.8	7.0	4.0	6.0	6.9	6.0	6.8	5.2	6.1	7.5	5.3	5.6	6.5	6.8	6.9	6.8	6.8	6.5
PST-4HM	7.1	5.3	4.3	5.5	7.1	6.3	6.6	5.2	5.9	7.7	5.4	5.6	6.6	7.0	6.9	6.6	6.8	6.5
NORDIC (E)	6.5	7.2	4.3	4.7	7.3	6.7	6.6	4.9	5.9	7.2	5.3	5.8	6.5	6.7	6.4	6.4	6.8	6.5
ABT-HF-2	6.6	7.0	4.5	4.8	7.0	6.3	6.3	5.1	6.0	8.0	5.4	5.8	6.5	6.7	6.7	6.5	6.6	6.5
HERON	6.8	6.9	4.3	5.8	7.3	7.0	6.4	5.4	6.1	7.0	5.4	5.8	6.3	7.3	6.6	6.7	6.6	6.5
SCALDIS	6.7	6.6	4.0	6.5	7.2	6.3	6.7	4.7	5.9	7.3	5.1	5.6	6.8	6.7	6.9	6.8	6.8	6.5
DEFIANT	6.5	6.9	4.0	5.7	7.4	5.7	6.7	5.2	5.9	7.7	5.3	5.7	6.7	6.3	6.7	6.8	6.8	6.5
RELIANT II	6.5	7.1	4.3	5.3	7.0	6.3	7.1	4.9	6.1	7.3	5.3	5.8	6.3	6.5	6.4	6.6	6.9	6.4
OSPREY	6.5	7.2	4.7	5.0	7.0	6.0	6.4	5.1	6.2	6.8	5.3	5.4	6.4	7.2	7.0	6.7	6.8	6.4
SRX 3961	6.2	7.2	4.0	3.7	6.4	6.0	6.8	5.3	5.8	7.2	5.3	6.1	5.6	6.0	6.2	6.3	6.6	6.2
LSD VALUE	1.3	1.4	1.6	1.4	1.5	1.2	0.7	1.0	0.7	1.0	1.1	1.3	1.1	1.1	1.2	0.5	0.4	0.2
C.V. (%)	13.3	12.8	22.0	15.3	12.7	12.0	5.5	12.0	7.2	8.1	13.0	13.5	10.6	9.9	11.1	5.0	3.7	10.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7F.

GENETIC COLOR RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	ME1	ME2	MI1	MI2	MO1	MT1	NC1
PST-4MB	7.9	7.0	8.0	6.0	5.4	8.2	6.7	7.4	5.7	6.9	8.3	8.7	6.3	7.0	5.3	6.9	5.6
SR 3200	7.9	7.0	8.0	5.8	5.3	8.3	7.0	7.3	6.0	6.9	8.7	8.0	6.2	7.0	4.8	6.4	5.5
QUATRO	7.1	6.6	8.0	6.5	6.1	7.2	8.0	6.8	4.7	7.1	7.0	8.0	6.3	7.0	4.4	6.6	6.0
SR 6000	6.9	6.8	8.7	5.8	4.8	7.8	6.7	7.3	4.0	7.0	6.3	7.0	6.7	7.3	6.2	6.9	6.3
LSD VALUE	1.5	1.1	0.5	0.9	1.4	1.0	0.6	0.3	1.7	0.6	1.4	1.2	0.4	0.5	1.7	1.0	1.1
C.V. (%)	12.4	10.4	3.5	8.9	16.8	7.8	4.9	2.5	21.2	5.7	11.4	9.6	3.3	4.1	20.6	9.7	11.6

TABLE 7F. (CONT'D)

GENETIC COLOR RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	NC2	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
PST-4MB	5.3	7.7	5.0	7.5	7.9	6.3	6.2	6.8	6.5	8.2	5.2	6.0	7.6	7.5	7.4	6.8	7.0	6.7
SR 3200	5.0	7.3	3.3	7.3	7.2	7.3	6.7	6.3	6.7	8.0	5.1	5.3	7.6	7.3	7.3	6.9	6.9	6.6
QUATRO	6.7	7.2	4.7	7.0	7.3	6.7	7.0	6.2	6.0	6.7	4.9	6.5	6.8	7.0	6.4	6.8	7.2	6.5
SR 6000	7.2	7.4	5.0	6.0	6.7	5.7	6.9	7.2	6.1	7.7	6.8	5.0	6.6	7.0	7.1	6.4	6.0	6.5
LSD VALUE	1.1	1.2	1.7	1.4	1.7	1.5	0.6	0.6	0.7	1.0	1.0	1.5	0.7	1.2	1.3	0.5	0.7	0.2
C.V. (%)	11.2	10.5	22.7	13.2	14.9	14.0	5.4	5.6	6.6	7.9	11.2	15.7	6.1	10.6	12.4	4.7	6.2	10.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8A.

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
SALSA	6.3	6.0	6.3	6.8	5.9	7.3	6.7	7.0	5.7	6.6	7.2	5.0	5.7
PST-4FR	6.7	7.0	6.1	6.5	5.2	8.3	7.0	5.3	6.0	7.0	7.2	6.3	5.7
ACF 083	6.8	7.0	6.6	6.1	5.3	7.3	7.0	7.0	6.2	6.8	7.7	6.0	6.0
MB-63	6.3	6.0	6.4	6.5	5.0	7.7	6.3	6.3	6.5	7.0	7.5	6.0	6.3
PATHFINDER	6.3	5.3	6.2	6.3	4.7	8.0	6.7	6.7	4.8	6.8	7.8	6.0	6.0
ROSE (ASC 087)	6.7	7.0	6.0	5.8	5.3	7.3	7.0	5.7	5.5	6.9	7.3	5.0	6.0
BARGENA III (BAR CF 8 FUS1)	6.7	6.0	6.1	6.5	5.0	7.5	6.7	6.3	5.7	6.9	8.0	6.7	6.0
SHADEMARK	6.3	6.7	6.7	5.9	4.8	6.8	6.3	6.0	4.8	7.0	6.7	6.0	5.7
WRIGLEY (ACF 092)	6.7	7.0	6.3	5.8	4.7	7.3	5.3	6.7	5.3	6.5	7.5	7.0	5.7
JASPER II	6.7	7.0	5.4	6.4	4.4	7.8	7.0	5.3	6.0	6.5	7.7	6.0	6.0
ABERDEEN (PST-EFL)	5.9	5.0	6.0	6.8	4.8	7.3	7.3	5.0	6.0	6.5	7.5	6.3	5.7
SHADOW II	6.7	7.0	6.2	6.1	4.8	7.7	6.0	5.3	6.7	6.7	7.8	6.0	6.0
TIFFANY	5.9	5.0	6.2	5.9	4.6	7.8	6.0	5.7	6.2	6.9	7.7	5.7	6.0
CULOMBRA	6.9	6.7	5.8	6.3	4.7	8.2	6.3	7.0	5.7	6.7	7.7	6.7	6.0
NAVIGATOR (CIS FRR 5)	6.7	6.7	5.3	6.3	4.6	8.0	5.7	5.3	5.7	6.4	7.5	5.7	6.0
BRIDGEPORT	5.9	5.0	5.8	6.0	4.7	7.8	6.0	5.3	5.8	6.3	6.8	6.0	5.3
SRX 52961	6.7	7.0	5.8	6.6	4.8	7.7	8.0	4.3	5.8	6.8	7.8	6.0	5.7
CINDY LOU (CIS FRR 7)	6.2	6.7	5.7	6.2	4.6	8.2	6.7	5.3	5.7	6.4	7.3	6.0	6.0
SHADEMASTER II	5.9	7.0	5.3	6.5	4.2	7.5	6.0	5.0	5.8	6.6	7.3	6.7	5.0
DGSC 94	6.3	7.0	6.3	6.0	4.8	7.0	6.3	5.3	5.3	6.8	7.3	6.3	5.7
QUATRO	5.8	7.0	5.3	5.3	4.9	7.3	8.7	3.7	7.0	7.0	7.8	6.0	5.3
BAR CHF 8 FUS2	6.7	7.0	5.7	6.2	5.2	7.7	7.0	6.0	6.5	6.7	8.0	5.7	5.7
ABT-CR-2	6.3	6.7	5.5	6.0	4.6	8.0	8.0	4.3	6.5	6.5	7.5	6.7	5.7
INVERNESS (PST-47TCR)	6.7	7.0	5.1	5.9	4.8	7.7	7.0	5.3	5.2	6.8	7.2	6.0	6.3
BRITTANY	6.7	7.0	5.5	5.6	4.2	8.3	6.7	7.3	6.3	6.5	7.7	6.3	6.3
LONGFELLOW II	6.7	6.7	5.9	5.8	4.9	8.0	6.3	4.3	6.5	6.3	7.7	6.7	6.0
ABT-CR-3	6.1	6.0	5.8	6.0	4.8	7.3	7.0	5.3	6.5	6.5	7.0	6.3	6.0
ABT-CHW-2	6.3	7.0	5.2	5.4	4.0	8.5	6.0	4.0	6.8	6.4	7.7	6.7	6.0
SR 5210 (SRX 52LAV)	6.2	7.0	5.5	6.3	4.7	7.7	7.0	6.7	5.7	6.5	7.5	6.0	5.0
INTRIGUE	6.2	6.7	4.9	5.9	4.4	8.2	6.0	5.7	6.3	6.6	7.3	6.3	6.3
FLORENTINE	6.1	6.3	5.2	6.1	4.4	7.3	7.0	5.7	5.5	7.1	7.3	6.0	6.0
BANNER III	6.2	6.7	5.6	5.7	4.9	8.0	7.0	5.0	5.7	6.6	7.3	5.7	6.0
SILHOUETTE (PICK FRC 4-92)	6.7	7.0	5.4	6.2	4.6	8.3	7.0	6.3	6.3	6.6	7.7	6.7	5.3
SR 5100	6.1	5.3	5.8	5.4	4.3	8.3	5.7	5.7	6.2	6.3	7.8	6.7	5.3
SEABREEZE	6.7	6.7	6.2	6.3	4.8	7.3	5.3	4.3	6.3	6.3	7.3	6.3	5.3
ASC 082	6.3	7.0	5.7	5.9	4.3	7.8	6.3	5.7	5.0	6.6	7.2	6.0	6.0
HARDTOP (BAR HF 8 FUS)	5.9	6.7	5.7	5.3	4.9	8.3	7.3	5.3	7.5	7.0	7.7	6.3	5.7
AMBASSADOR	6.2	7.0	5.9	5.8	4.3	7.8	6.0	6.0	6.3	6.9	8.0	6.0	5.7
JAMESTOWN II	6.1	5.0	6.0	5.8	4.6	8.2	5.7	5.0	5.2	6.4	7.7	6.0	5.0
TREAZURE (E)	6.2	5.7	6.3	5.3	4.1	8.0	4.7	4.3	6.3	6.3	7.2	5.3	5.7
SANDPIPER	6.7	7.0	5.8	5.8	4.4	8.0	5.3	5.7	5.3	6.3	8.0	5.3	5.3
MAGIC	6.2	7.0	5.0	5.9	4.3	7.8	7.0	4.7	6.7	6.5	7.0	7.0	5.3
PICK FRC A-93	6.7	7.0	5.2	5.8	4.1	8.2	6.7	5.0	6.2	6.4	7.2	6.3	5.7
BOREAL	6.1	6.0	5.3	5.8	5.0	7.5	6.7	6.3	4.8	6.3	7.7	5.3	5.0



TABLE 8A. (CONT'D)

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
VIKING (ABT-HF1)	5.1	5.3	5.9	5.0	4.8	7.8	8.0	5.7	7.3	6.6	6.7	5.0	5.3
COMMON CREEPING RED	5.9	6.0	5.1	5.8	4.6	7.2	5.3	5.7	4.5	6.3	7.7	5.7	5.0
OXFORD	5.9	6.0	5.4	5.5	4.3	7.7	7.0	4.3	6.5	6.6	8.0	5.3	4.7
ABT-CHW-1	6.3	7.0	5.9	5.4	4.2	8.5	6.0	6.0	6.5	6.4	7.3	6.0	5.3
DEFIANT	5.3	6.0	5.9	4.7	4.8	8.2	7.0	5.7	5.8	6.3	7.5	5.3	5.0
BERKSHIRE (4001)	5.7	7.0	5.8	4.8	4.6	8.0	8.0	4.7	7.3	6.5	7.3	5.7	5.3
AMBROSE (ABT-CHW-3)	6.3	7.0	5.6	5.8	4.0	8.0	6.3	5.3	6.2	6.5	7.5	6.0	6.0
MB-82	6.2	6.7	5.2	5.5	4.3	8.0	7.3	5.0	6.8	6.7	7.8	5.0	5.0
ATTILA E	6.1	6.7	5.6	5.2	3.8	7.7	7.3	6.0	6.5	6.5	7.3	5.0	5.7
ASR 049	5.3	5.0	4.8	5.6	4.1	7.8	6.0	5.0	6.5	6.3	7.3	5.7	5.3
STONEHENGE (AHF 009)	5.9	6.0	5.7	5.2	4.4	8.2	7.7	5.0	7.0	6.3	7.2	5.3	5.7
ABT-HF-2	4.9	5.0	5.2	5.2	4.3	7.8	8.0	4.7	6.7	6.6	7.3	5.7	5.0
CHARIOT (CIS FL 12)	5.1	6.0	5.5	5.0	4.4	8.2	8.0	5.7	6.2	6.6	7.7	5.7	5.0
BAR SCF 8 FUS3	6.3	6.0	5.0	5.8	4.3	7.7	6.7	4.3	5.7	6.2	7.3	5.7	5.7
PICK FF A-97	6.1	7.0	5.2	5.4	4.6	8.0	7.7	4.3	6.0	6.3	7.0	6.0	5.0
SRX 3961	5.8	7.0	6.0	4.9	4.0	8.3	7.7	4.0	6.7	6.2	7.7	5.3	5.0
ASC 172	5.9	6.0	5.1	5.6	3.7	7.8	7.0	5.7	5.2	6.8	7.3	6.0	5.3
NORDIC (E)	5.8	6.7	5.9	4.6	4.2	7.7	8.0	4.3	6.7	6.6	7.3	5.7	4.7
RELIANT II	5.3	7.0	5.3	4.8	4.0	7.5	7.3	4.3	7.0	6.3	7.3	4.3	5.3
SCALDIS II (AHF 008)	5.8	6.7	5.1	4.8	4.3	7.5	7.0	4.7	6.0	6.2	7.3	5.0	4.7
PST-4HM	5.7	7.0	5.9	5.3	4.1	8.2	8.0	4.0	6.5	6.5	7.5	5.3	5.0
ABT-HF-3	5.9	7.0	5.1	5.2	4.0	7.2	7.7	4.7	6.8	6.3	7.3	5.7	5.0
EUREKA II (CIS FL 11)	5.7	7.0	5.0	5.0	4.3	7.8	7.3	4.0	7.2	6.7	8.0	5.7	5.3
DAWSON E+	5.9	7.0	4.6	5.4	3.9	7.2	5.0	6.3	5.7	6.3	7.2	5.0	5.0
DISCOVERY	5.7	5.3	4.9	4.9	4.2	7.8	7.3	3.7	7.2	6.4	7.5	5.7	4.7
HERON	6.1	7.0	5.6	5.1	3.8	7.8	7.3	3.3	6.2	6.6	7.7	5.0	5.3
MINOTAUR	5.2	6.0	4.9	5.3	4.0	7.2	7.3	5.3	6.3	6.3	7.2	5.7	5.7
OSPREY	5.8	7.0	4.5	4.9	3.8	8.0	7.7	4.0	5.8	6.6	7.2	5.3	4.7
SCALDIS	5.1	6.0	5.3	4.8	4.4	8.2	7.3	4.3	5.5	6.5	7.2	5.7	5.0
ABT-HF-4	5.8	7.0	4.3	4.8	3.4	7.7	7.3	3.7	6.7	6.1	7.7	4.3	5.0
SR 3200	5.1	5.3	4.8	4.8	3.6	7.3	7.7	5.0	5.0	6.3	7.5	4.7	5.7
RESCUE 911	5.8	7.0	4.3	5.1	4.2	7.8	7.0	3.0	6.7	5.8	7.3	5.0	5.0
PST-4MB	5.9	7.0	4.5	5.4	3.2	7.7	7.0	4.7	6.5	6.3	8.0	5.7	6.3
BIGHORN	5.2	7.0	4.8	5.4	3.8	6.8	6.3	4.3	6.0	6.1	7.3	5.3	5.7
SR 6000	5.7	6.7	3.5	5.6	2.8	7.3	5.0	3.0	4.2	6.3	7.7	6.7	5.0
LSD VALUE	1.2	0.5	1.6	1.3	1.0	1.3	0.9	1.8	1.4	0.9	0.8	1.7	1.2
C.V. (%)	12.0	4.7	18.4	14.4	17.9	10.2	8.1	21.9	14.6	9.3	6.4	18.0	13.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8A. (CONT'D)

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
SALSA	5.3	8.0	7.4	7.7	5.5	6.8	7.6	3.1	5.8	7.4	4.3	5.2	7.6	5.2	6.2	6.7	6.4
PST-4FR	5.3	6.7	6.3	6.7	6.7	6.7	7.8	3.0	4.7	6.6	5.0	5.8	6.8	5.8	6.4	5.9	6.2
ACF 083	3.8	7.9	6.9	6.6	6.0	6.9	7.0	2.9	5.0	5.1	4.7	5.9	6.7	5.3	6.5	6.4	6.2
MB-63	4.9	7.0	6.8	6.2	5.8	6.7	6.3	2.9	4.2	6.0	4.7	6.4	5.6	4.5	6.3	6.4	6.1
PATHFINDER	5.3	6.5	6.7	7.2	6.0	6.7	5.8	2.7	4.3	6.3	5.0	5.6	6.7	6.2	6.4	6.3	6.1
ROSE (ASC 087)	4.2	7.1	7.2	6.1	5.8	6.8	6.3	2.9	6.3	6.2	4.3	6.1	6.9	5.3	6.1	6.3	6.1
BARGENA III (BAR CF 8 FUS1)	5.2	6.7	6.4	6.7	6.5	6.6	6.5	2.9	5.8	5.7	4.3	5.1	6.2	5.2	5.8	5.6	6.0
SHADEMARK	4.4	6.4	6.7	7.7	5.7	6.8	7.4	2.8	6.0	5.7	4.3	5.5	6.3	4.5	6.0	6.3	6.0
WRIGLEY (ACF 092)	4.7	7.4	6.6	5.2	6.0	6.5	6.1	2.9	5.2	5.7	5.0	5.8	5.9	5.0	6.2	6.1	5.9
JASPER II	5.7	6.0	5.6	6.0	6.5	6.4	5.5	2.8	3.5	5.4	4.7	5.8	6.8	6.3	5.8	5.7	5.8
ABERDEEN (PST-EFL)	4.3	5.8	6.2	6.2	6.0	6.8	5.9	2.7	4.8	5.8	4.7	5.7	6.4	6.0	6.2	5.9	5.8
SHADOW II	4.4	6.3	6.3	5.9	6.3	6.7	6.0	2.8	3.2	5.4	5.0	5.8	5.1	5.0	6.4	5.8	5.8
TIFFANY	4.7	6.7	5.8	6.3	6.2	6.8	6.2	2.8	3.7	6.3	5.0	5.8	5.7	4.7	6.1	5.6	5.8
CULOMBRA	3.5	5.8	6.7	5.8	6.2	6.8	5.2	2.8	3.7	5.2	4.3	6.8	4.8	4.8	6.0	6.1	5.8
NAVIGATOR (CIS FRR 5)	4.3	6.2	6.4	6.9	5.7	6.7	6.5	2.6	4.0	5.7	4.7	5.9	5.8	5.3	6.0	5.5	5.8
BRIDGEPORT	5.4	6.6	6.2	5.4	5.8	6.7	6.7	3.0	4.2	5.8	4.3	5.5	5.1	4.8	6.3	6.4	5.8
SRX 52961	4.2	6.2	6.8	6.1	6.0	6.5	4.8	2.9	3.2	5.4	4.7	5.4	6.2	6.2	6.0	5.8	5.8
CINDY LOU (CIS FRR 7)	3.8	5.6	6.7	7.1	6.3	6.8	5.3	2.8	3.7	5.6	5.3	6.3	5.8	6.3	5.9	5.8	5.8
SHADEMASTER II	4.8	6.4	6.3	6.2	5.8	6.4	6.2	2.8	4.5	5.3	4.0	5.9	5.7	4.7	6.3	6.2	5.8
DGSC 94	4.3	6.1	6.9	5.7	6.3	6.8	5.4	2.7	3.5	5.7	5.0	5.8	6.1	5.5	5.6	5.8	5.8
QUATRO	5.8	6.3	6.3	4.2	6.3	6.8	5.3	3.4	5.5	5.2	5.7	6.3	6.0	4.0	5.2	5.7	5.7
BAR CHF 8 FUS2	4.3	5.3	6.3	5.8	6.0	6.8	5.2	2.9	3.8	5.6	5.0	5.8	4.6	4.8	6.0	5.8	5.7
ABT-CR-2	4.3	5.2	6.2	6.4	6.7	6.6	5.5	2.8	5.2	5.6	4.0	5.3	6.0	6.7	5.7	5.8	5.7
INVERNESS (PST-47TCR)	4.3	5.6	6.0	5.6	6.5	6.7	5.8	2.9	5.2	5.7	4.3	5.5	5.9	6.2	5.8	5.8	5.7
BRITTANY	4.6	5.3	5.4	5.7	6.7	6.8	5.3	2.7	2.7	6.6	4.3	5.9	4.7	4.7	6.3	6.0	5.7
LONGFELLOW II	4.7	6.2	5.2	5.3	6.2	6.7	4.9	3.0	3.7	5.8	5.3	5.8	5.1	5.2	6.1	5.8	5.7
ABT-CR-3	4.3	5.4	6.0	6.1	6.2	6.8	5.3	2.7	3.2	6.0	4.3	6.1	6.3	5.3	6.2	5.3	5.7
ABT-CHW-2	5.1	6.3	6.7	5.9	6.5	6.7	5.1	2.8	3.2	5.1	5.3	5.7	4.8	5.3	6.3	6.0	5.7
SR 5210 (SRX 52LAV)	3.8	5.1	6.2	6.8	6.0	6.7	5.3	2.9	3.7	5.8	4.3	5.3	5.4	5.5	6.2	5.8	5.7
INTRIGUE	4.9	5.9	5.4	5.7	7.0	6.8	4.9	2.7	4.0	4.9	6.0	5.7	4.9	4.8	6.3	6.1	5.7
FLORENTINE	3.8	5.8	6.3	5.6	6.3	6.8	5.8	2.8	4.5	5.2	4.7	6.0	6.0	5.3	5.9	5.3	5.7
BANNER III	4.5	4.8	5.6	5.9	6.8	6.8	5.9	2.8	3.5	5.4	4.7	5.7	5.3	4.5	6.5	5.8	5.6
SILHOUETTE (PICK FRC 4-92)	3.8	5.5	5.0	6.3	6.5	6.8	4.5	2.7	3.0	5.6	5.0	5.9	5.0	5.0	5.8	5.7	5.6
SR 5100	4.8	5.4	6.4	5.8	6.0	6.7	6.1	2.9	2.5	5.1	4.3	5.3	5.4	5.0	6.0	5.8	5.6
SEABREEZE	4.6	5.3	6.4	5.2	5.5	6.0	5.2	2.9	4.3	5.7	4.7	5.2	6.1	5.0	6.0	6.1	5.6
ASC 082	4.0	5.4	6.1	5.8	6.2	6.8	5.8	2.8	4.8	5.1	4.0	5.8	5.2	5.8	5.6	5.3	5.6
HARDTOP (BAR HF 8 FUS)	5.4	5.7	3.9	4.0	6.0	6.8	4.3	3.3	6.2	5.0	4.7	6.1	5.2	5.2	5.8	5.5	5.6
AMBASSADOR	3.9	5.4	5.0	5.7	7.0	6.3	4.9	2.8	2.3	5.4	4.3	6.2	5.1	4.7	5.8	6.3	5.6
JAMESTOWN II	4.7	6.1	6.1	5.4	5.5	6.8	5.5	2.9	2.8	6.1	4.7	5.2	5.3	4.5	5.9	5.8	5.6
TREAZURE (E)	4.3	6.3	6.1	5.2	6.2	6.7	6.2	3.2	2.8	6.1	4.3	5.2	4.8	4.8	6.2	5.8	5.6
SANDPIPER	4.7	5.2	6.2	5.9	5.2	6.7	5.6	2.8	2.5	5.2	4.3	5.8	5.3	4.5	6.0	5.9	5.6
MAGIC	4.9	5.0	5.2	5.9	6.0	6.8	5.1	2.7	3.7	5.7	4.7	5.8	4.7	5.0	6.1	6.0	5.6
PICK FRC A-93	4.3	5.1	4.6	6.1	6.3	6.6	4.8	2.7	3.2	5.3	4.7	6.2	5.3	5.5	6.3	5.7	5.5
BOREAL	4.3	4.8	5.0	6.6	5.5	6.8	5.8	2.9	4.3	5.6	3.7	5.3	5.3	5.5	5.4	5.3	5.5

TABLE 8A. (CONT'D)

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
VIKING (ABT-HF1)	5.3	4.6	4.1	3.7	6.5	6.8	4.1	3.6	6.3	5.2	4.3	6.8	4.7	5.3	6.0	5.8	5.5
COMMON CREEPING RED	4.5	5.1	4.7	5.9	6.0	6.8	6.0	2.9	4.5	5.4	3.7	5.8	5.4	5.3	5.8	5.5	5.5
OXFORD	5.7	4.9	4.4	3.6	6.7	6.8	3.8	3.4	4.8	5.3	5.0	5.7	5.1	5.5	5.8	6.3	5.5
ABT-CHW-1	3.7	4.8	4.7	5.3	6.0	6.8	5.1	2.8	2.7	5.7	4.3	5.3	4.9	5.2	5.6	5.8	5.4
DEFIANT	5.2	4.6	3.9	4.1	6.5	6.8	4.4	3.4	4.7	5.2	4.7	5.8	4.8	5.3	5.8	6.1	5.4
BERKSHIRE (4001)	4.8	4.9	3.9	3.6	5.8	6.8	3.5	3.4	5.8	4.6	5.0	6.3	4.3	5.5	6.1	5.9	5.4
AMBROSE (ABT-CHW-3)	4.8	4.1	4.9	5.9	6.3	6.7	4.4	2.8	2.8	5.3	4.7	5.6	3.8	4.7	5.8	5.9	5.4
MB-82	5.2	3.7	3.8	3.9	6.3	6.8	4.7	3.3	4.8	5.0	4.3	5.9	4.9	4.5	6.3	5.5	5.4
ATTILA E	5.5	3.7	4.0	3.7	6.3	6.8	4.0	3.7	4.7	4.8	5.0	6.2	4.4	5.3	5.7	6.2	5.4
ASR 049	4.8	3.8	4.8	4.6	6.2	6.8	4.1	3.1	5.2	5.0	4.7	5.7	6.0	5.5	5.9	6.2	5.3
STONEHENG (AHF 009)	5.6	3.9	3.6	3.6	6.7	6.8	3.8	3.6	4.3	5.0	5.3	5.8	4.6	5.3	5.7	6.0	5.3
ABT-HF-2	5.4	4.8	3.4	3.8	6.0	6.8	3.8	3.3	7.0	5.1	4.7	6.1	4.3	5.8	5.8	5.6	5.3
CHARIOT (CIS FL 12)	5.4	3.5	4.0	3.8	6.3	6.7	3.8	3.2	5.2	5.0	4.7	6.5	4.0	5.5	5.6	6.2	5.3
BAR SCF 8 FUS3	4.7	4.4	5.0	4.7	6.3	6.8	3.9	3.0	4.8	5.3	4.0	5.2	5.1	5.7	5.7	5.5	5.3
PICK FF A-97	5.3	3.6	4.1	3.9	6.0	6.8	3.6	3.6	5.0	5.0	4.7	6.2	4.0	5.0	5.8	5.8	5.3
SRX 3961	5.5	4.0	3.4	3.4	6.2	6.8	3.5	3.6	3.8	4.6	4.7	5.7	4.0	5.5	5.9	6.1	5.2
ASC 172	3.7	3.7	3.9	4.9	6.7	6.8	4.3	2.8	4.7	4.8	4.3	5.2	4.9	6.2	5.6	5.3	5.2
NORDIC (E)	5.6	3.3	3.3	3.6	5.8	6.8	3.7	3.4	5.2	4.7	5.0	5.8	4.2	5.0	5.6	5.4	5.2
RELIANT II	5.7	4.3	3.1	3.6	6.3	7.0	3.3	3.3	5.2	4.7	4.3	6.0	4.2	5.5	5.1	6.0	5.2
SCALDIS II (AHF 008)	5.3	3.4	3.6	3.3	6.0	6.7	4.0	3.4	5.5	5.0	5.0	6.0	4.3	5.3	5.7	6.2	5.2
PST-4HM	3.3	3.3	3.4	3.7	6.3	6.7	3.8	3.4	5.2	5.1	5.0	6.0	3.9	5.0	5.4	5.8	5.2
ABT-HF-3	5.8	3.7	3.2	4.0	6.2	6.8	3.3	3.1	3.7	5.0	4.7	6.3	3.4	5.7	5.2	6.1	5.2
EUREKA II (CIS FL 11)	5.4	3.0	3.1	3.6	6.2	6.7	3.3	3.3	4.3	5.0	5.0	5.8	4.0	4.8	5.8	5.8	5.1
DAWSON E+	4.2	4.5	5.0	4.3	5.5	6.2	4.2	2.6	4.3	5.2	4.0	5.3	5.4	5.2	5.6	6.0	5.1
DISCOVERY	5.5	3.9	2.9	3.7	6.5	6.8	3.8	3.3	4.8	5.1	4.7	6.0	3.8	5.0	5.7	5.3	5.1
HERON	5.5	3.0	3.0	3.7	6.7	6.8	3.7	3.3	3.8	5.1	4.3	5.4	4.0	5.5	5.6	5.8	5.1
MINOTAUR	5.7	3.8	4.0	4.2	6.3	6.0	3.4	3.4	3.5	5.0	4.7	6.2	3.8	6.0	5.4	5.7	5.1
OSPREY	5.3	3.4	3.3	4.6	6.0	6.8	3.3	3.6	4.7	5.1	4.3	5.7	3.9	5.2	5.9	5.6	5.1
SCALDIS	5.0	3.0	3.4	4.0	6.3	6.8	3.4	3.3	5.3	4.7	5.0	5.8	4.3	5.3	5.5	5.7	5.1
ABT-HF-4	5.7	2.8	4.2	3.7	6.5	6.6	3.2	3.3	4.2	4.7	5.3	6.1	3.8	5.3	5.6	5.4	5.0
SR 3200	5.3	3.3	2.8	3.7	6.8	6.7	3.3	3.1	2.8	5.0	4.0	5.3	3.7	5.5	5.4	5.6	4.9
RESCUE 911	5.2	2.3	3.3	2.9	6.7	6.7	3.0	3.6	3.8	4.8	5.0	5.4	3.3	5.5	5.9	5.3	4.9
PST-4MB	5.4	2.8	2.7	3.6	6.2	6.0	2.9	3.0	3.8	4.8	4.7	5.3	2.9	5.3	5.4	5.6	4.8
BIGHORN	5.3	2.7	2.7	3.3	6.5	6.7	2.6	3.0	3.5	4.9	4.7	5.7	3.1	6.0	4.9	5.0	4.8
SR 6000	5.3	2.7	2.6	3.7	6.2	6.7	2.6	2.2	1.5	4.1	5.0	5.3	4.1	5.7	3.9	3.9	4.5
LSD VALUE	1.5	1.7	1.7	1.9	1.0	0.5	1.3	0.6	1.5	0.8	1.0	1.4	1.3	1.0	1.0	1.0	0.3
C.V. (%)	20.5	22.1	21.8	23.4	10.0	4.1	16.2	12.3	22.2	8.7	13.0	15.3	15.9	11.4	10.9	11.4	14.8

 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8B.

SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
ACF 083	6.8	7.0	6.6	6.1	5.3	7.3	7.0	7.0	6.2	6.8	7.7	6.0	6.0
MB-63	6.3	6.0	6.4	6.5	5.0	7.7	6.3	6.3	6.5	7.0	7.5	6.0	6.3
WRIGLEY (ACF 092)	6.7	7.0	6.3	5.8	4.7	7.3	5.3	6.7	5.3	6.5	7.5	7.0	5.7
SHADOW II	6.7	7.0	6.2	6.1	4.8	7.7	6.0	5.3	6.7	6.7	7.8	6.0	6.0
TIFFANY	5.9	5.0	6.2	5.9	4.6	7.8	6.0	5.7	6.2	6.9	7.7	5.7	6.0
CULOMBRA	6.9	6.7	5.8	6.3	4.7	8.2	6.3	7.0	5.7	6.7	7.7	6.7	6.0
BRIDGEPORT	5.9	5.0	5.8	6.0	4.7	7.8	6.0	5.3	5.8	6.3	6.8	6.0	5.3
BAR CHF 8 FUS2	6.7	7.0	5.7	6.2	5.2	7.7	7.0	6.0	6.5	6.7	8.0	5.7	5.7
BRITTANY	6.7	7.0	5.5	5.6	4.2	8.3	6.7	7.3	6.3	6.5	7.7	6.3	6.3
LONGFELLOW II	6.7	6.7	5.9	5.8	4.9	8.0	6.3	4.3	6.5	6.3	7.7	6.7	6.0
ABT-CHW-2	6.3	7.0	5.2	5.4	4.0	8.5	6.0	4.0	6.8	6.4	7.7	6.7	6.0
INTRIGUE	6.2	6.7	4.9	5.9	4.4	8.2	6.0	5.7	6.3	6.6	7.3	6.3	6.3
BANNER III	6.2	6.7	5.6	5.7	4.9	8.0	7.0	5.0	5.7	6.6	7.3	5.7	6.0
SILHOUETTE (PICK FRC 4-92)	6.7	7.0	5.4	6.2	4.6	8.3	7.0	6.3	6.3	6.6	7.7	6.7	5.3
SR 5100	6.1	5.3	5.8	5.4	4.3	8.3	5.7	5.7	6.2	6.3	7.8	6.7	5.3
AMBASSADOR	6.2	7.0	5.9	5.8	4.3	7.8	6.0	6.0	6.3	6.9	8.0	6.0	5.7
JAMESTOWN II	6.1	5.0	6.0	5.8	4.6	8.2	5.7	5.0	5.2	6.4	7.7	6.0	5.0
TREAZURE (E)	6.2	5.7	6.3	5.3	4.1	8.0	4.7	4.3	6.3	6.3	7.2	5.3	5.7
SANDPIPER	6.7	7.0	5.8	5.8	4.4	8.0	5.3	5.7	5.3	6.3	8.0	5.3	5.3
MAGIC	6.2	7.0	5.0	5.9	4.3	7.8	7.0	4.7	6.7	6.5	7.0	7.0	5.3
PICK FRC A-93	6.7	7.0	5.2	5.8	4.1	8.2	6.7	5.0	6.2	6.4	7.2	6.3	5.7
ABT-CHW-1	6.3	7.0	5.9	5.4	4.2	8.5	6.0	6.0	6.5	6.4	7.3	6.0	5.3
AMBROSE (ABT-CHW-3)	6.3	7.0	5.6	5.8	4.0	8.0	6.3	5.3	6.2	6.5	7.5	6.0	6.0
LSD VALUE	1.0	0.5	1.4	1.3	1.0	1.1	1.0	2.0	1.5	0.9	0.7	1.8	1.0
C.V. (%)	9.5	4.5	15.7	14.1	18.6	8.5	9.9	21.8	15.3	8.6	5.9	18.3	10.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8B. (CONT'D)

SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
ACF 083	3.8	7.9	6.9	6.6	6.0	6.9	7.0	2.9	5.0	5.1	4.7	5.9	6.7	5.3	6.5	6.4	6.2
MB-63	4.9	7.0	6.8	6.2	5.8	6.7	6.3	2.9	4.2	6.0	4.7	6.4	5.6	4.5	6.3	6.4	6.1
WRIGLEY (ACF 092)	4.7	7.4	6.6	5.2	6.0	6.5	6.1	2.9	5.2	5.7	5.0	5.8	5.9	5.0	6.2	6.1	5.9
SHADOW II	4.4	6.3	6.3	5.9	6.3	6.7	6.0	2.8	3.2	5.4	5.0	5.8	5.1	5.0	6.4	5.8	5.8
TIFFANY	4.7	6.7	5.8	6.3	6.2	6.8	6.2	2.8	3.7	6.3	5.0	5.8	5.7	4.7	6.1	5.6	5.8
CULOMBRA	3.5	5.8	6.7	5.8	6.2	6.8	5.2	2.8	3.7	5.2	4.3	6.8	4.8	4.8	6.0	6.1	5.8
BRIDGEPORT	5.4	6.6	6.2	5.4	5.8	6.7	6.7	3.0	4.2	5.8	4.3	5.5	5.1	4.8	6.3	6.4	5.8
BAR CHF 8 FUS2	4.3	5.3	6.3	5.8	6.0	6.8	5.2	2.9	3.8	5.6	5.0	5.8	4.6	4.8	6.0	5.8	5.7
BRITTANY	4.6	5.3	5.4	5.7	6.7	6.8	5.3	2.7	2.7	6.6	4.3	5.9	4.7	4.7	6.3	6.0	5.7
LONGFELLOW II	4.7	6.2	5.2	5.3	6.2	6.7	4.9	3.0	3.7	5.8	5.3	5.8	5.1	5.2	6.1	5.8	5.7
ABT-CHW-2	5.1	6.3	6.7	5.9	6.5	6.7	5.1	2.8	3.2	5.1	5.3	5.7	4.8	5.3	6.3	6.0	5.7
INTRIGUE	4.9	5.9	5.4	5.7	7.0	6.8	4.9	2.7	4.0	4.9	6.0	5.7	4.9	4.8	6.3	6.1	5.7
BANNER III	4.5	4.8	5.6	5.9	6.8	6.8	5.9	2.8	3.5	5.4	4.7	5.7	5.3	4.5	6.5	5.8	5.6
SILHOUETTE (PICK FRC 4-92)	3.8	5.5	5.0	6.3	6.5	6.8	4.5	2.7	3.0	5.6	5.0	5.9	5.0	5.0	5.8	5.7	5.6
SR 5100	4.8	5.4	6.4	5.8	6.0	6.7	6.1	2.9	2.5	5.1	4.3	5.3	5.4	5.0	6.0	5.8	5.6
AMBASSADOR	3.9	5.4	5.0	5.7	7.0	6.3	4.9	2.8	2.3	5.4	4.3	6.2	5.1	4.7	5.8	6.3	5.6
JAMESTOWN II	4.7	6.1	6.1	5.4	5.5	6.8	5.5	2.9	2.8	6.1	4.7	5.2	5.3	4.5	5.9	5.8	5.6
TREAZURE (E)	4.3	6.3	6.1	5.2	6.2	6.7	6.2	3.2	2.8	6.1	4.3	5.2	4.8	4.8	6.2	5.8	5.6
SANDPIPER	4.7	5.2	6.2	5.9	5.2	6.7	5.6	2.8	2.5	5.2	4.3	5.8	5.3	4.5	6.0	5.9	5.6
MAGIC	4.9	5.0	5.2	5.9	6.0	6.8	5.1	2.7	3.7	5.7	4.7	5.8	4.7	5.0	6.1	6.0	5.6
PICK FRC A-93	4.3	5.1	4.6	6.1	6.3	6.6	4.8	2.7	3.2	5.3	4.7	6.2	5.3	5.5	6.3	5.7	5.5
ABT-CHW-1	3.7	4.8	4.7	5.3	6.0	6.8	5.1	2.8	2.7	5.7	4.3	5.3	4.9	5.2	5.6	5.8	5.4
AMBROSE (ABT-CHW-3)	4.8	4.1	4.9	5.9	6.3	6.7	4.4	2.8	2.8	5.3	4.7	5.6	3.8	4.7	5.8	5.9	5.4
LSD VALUE	1.5	1.7	1.8	1.7	1.0	0.5	1.4	0.6	1.5	0.8	1.0	1.3	1.3	0.9	0.9	1.0	0.3
C.V. (%)	23.0	19.1	19.2	19.4	10.3	4.2	15.5	13.0	28.1	8.7	13.7	14.6	15.3	11.6	9.6	10.1	14.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8C. SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
SEABREEZE	6.7	6.7	6.2	6.3	4.8	7.3	5.3	4.3	6.3	6.3	7.3	6.3	5.3
ASR 049	5.3	5.0	4.8	5.6	4.1	7.8	6.0	5.0	6.5	6.3	7.3	5.7	5.3
BAR SCF 8 FUS3	6.3	6.0	5.0	5.8	4.3	7.7	6.7	4.3	5.7	6.2	7.3	5.7	5.7
DAWSON E+	5.9	7.0	4.6	5.4	3.9	7.2	5.0	6.3	5.7	6.3	7.2	5.0	5.0
LSD VALUE	0.9	0.5	1.6	1.3	0.7	1.5	1.2	1.4	1.7	0.9	0.7	1.8	1.1
C.V. (%)	8.7	4.7	22.0	13.6	12.0	11.8	12.0	17.3	17.6	9.4	5.9	19.7	13.3

TABLE 8C. (CONT'D) SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
SEABREEZE	4.6	5.3	6.4	5.2	5.5	6.0	5.2	2.9	4.3	5.7	4.7	5.2	6.1	5.0	6.0	6.1	5.6
ASR 049	4.8	3.8	4.8	4.6	6.2	6.8	4.1	3.1	5.2	5.0	4.7	5.7	6.0	5.5	5.9	6.2	5.3
BAR SCF 8 FUS3	4.7	4.4	5.0	4.7	6.3	6.8	3.9	3.0	4.8	5.3	4.0	5.2	5.1	5.7	5.7	5.5	5.3
DAWSON E+	4.2	4.5	5.0	4.3	5.5	6.2	4.2	2.6	4.3	5.2	4.0	5.3	5.4	5.2	5.6	6.0	5.1
LSD VALUE	1.1	1.8	2.0	2.0	0.8	0.2	1.0	0.6	1.5	0.5	0.7	1.4	1.1	0.9	1.2	1.1	0.3
C.V. (%)	15.6	27.0	24.4	29.5	9.2	1.7	14.5	12.9	19.5	5.4	9.4	17.7	11.8	10.4	13.7	11.7	15.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8D.

SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
SALSA	6.3	6.0	6.3	6.8	5.9	7.3	6.7	7.0	5.7	6.6	7.2	5.0	5.7
PST-4FR	6.7	7.0	6.1	6.5	5.2	8.3	7.0	5.3	6.0	7.0	7.2	6.3	5.7
PATHFINDER	6.3	5.3	6.2	6.3	4.7	8.0	6.7	6.7	4.8	6.8	7.8	6.0	6.0
ROSE (ASC 087)	6.7	7.0	6.0	5.8	5.3	7.3	7.0	5.7	5.5	6.9	7.3	5.0	6.0
BARGENA III (BAR CF 8 FUS1)	6.7	6.0	6.1	6.5	5.0	7.5	6.7	6.3	5.7	6.9	8.0	6.7	6.0
SHADEMARK	6.3	6.7	6.7	5.9	4.8	6.8	6.3	6.0	4.8	7.0	6.7	6.0	5.7
JASPER II	6.7	7.0	5.4	6.4	4.4	7.8	7.0	5.3	6.0	6.5	7.7	6.0	6.0
ABERDEEN (PST-EFL)	5.9	5.0	6.0	6.8	4.8	7.3	7.3	5.0	6.0	6.5	7.5	6.3	5.7
NAVIGATOR (CIS FRR 5)	6.7	6.7	5.3	6.3	4.6	8.0	5.7	5.3	5.7	6.4	7.5	5.7	6.0
SRX 52961	6.7	7.0	5.8	6.6	4.8	7.7	8.0	4.3	5.8	6.8	7.8	6.0	5.7
CINDY LOU (CIS FRR 7)	6.2	6.7	5.7	6.2	4.6	8.2	6.7	5.3	5.7	6.4	7.3	6.0	6.0
SHADEMASTER II	5.9	7.0	5.3	6.5	4.2	7.5	6.0	5.0	5.8	6.6	7.3	6.7	5.0
DGSC 94	6.3	7.0	6.3	6.0	4.8	7.0	6.3	5.3	5.3	6.8	7.3	6.3	5.7
ABT-CR-2	6.3	6.7	5.5	6.0	4.6	8.0	8.0	4.3	6.5	6.5	7.5	6.7	5.7
INVERNESS (PST-47TCR)	6.7	7.0	5.1	5.9	4.8	7.7	7.0	5.3	5.2	6.8	7.2	6.0	6.3
ABT-CR-3	6.1	6.0	5.8	6.0	4.8	7.3	7.0	5.3	6.5	6.5	7.0	6.3	6.0
SR 5210 (SRX 52LAV)	6.2	7.0	5.5	6.3	4.7	7.7	7.0	6.7	5.7	6.5	7.5	6.0	5.0
FLORENTINE	6.1	6.3	5.2	6.1	4.4	7.3	7.0	5.7	5.5	7.1	7.3	6.0	6.0
ASC 082	6.3	7.0	5.7	5.9	4.3	7.8	6.3	5.7	5.0	6.6	7.2	6.0	6.0
BOREAL	6.1	6.0	5.3	5.8	5.0	7.5	6.7	6.3	4.8	6.3	7.7	5.3	5.0
COMMON CREEPING RED	5.9	6.0	5.1	5.8	4.6	7.2	5.3	5.7	4.5	6.3	7.7	5.7	5.0
ASC 172	5.9	6.0	5.1	5.6	3.7	7.8	7.0	5.7	5.2	6.8	7.3	6.0	5.3
LSD VALUE	1.2	0.5	1.6	1.3	1.0	1.5	0.8	2.1	1.4	0.8	0.7	1.5	1.3
C.V. (%)	11.4	4.7	18.8	13.5	17.6	12.2	7.5	23.4	16.2	8.3	5.9	16.0	14.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8D. (CONT'D)

SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
SALSA	5.3	8.0	7.4	7.7	5.5	6.8	7.6	3.1	5.8	7.4	4.3	5.2	7.6	5.2	6.2	6.7	6.4
PST-4FR	5.3	6.7	6.3	6.7	6.7	6.7	7.8	3.0	4.7	6.6	5.0	5.8	6.8	5.8	6.4	5.9	6.2
PATHFINDER	5.3	6.5	6.7	7.2	6.0	6.7	5.8	2.7	4.3	6.3	5.0	5.6	6.7	6.2	6.4	6.3	6.1
ROSE (ASC 087)	4.2	7.1	7.2	6.1	5.8	6.8	6.3	2.9	6.3	6.2	4.3	6.1	6.9	5.3	6.1	6.3	6.1
BARGENA III (BAR CF 8 FUS1)	5.2	6.7	6.4	6.7	6.5	6.6	6.5	2.9	5.8	5.7	4.3	5.1	6.2	5.2	5.8	5.6	6.0
SHADEMARK	4.4	6.4	6.7	7.7	5.7	6.8	7.4	2.8	6.0	5.7	4.3	5.5	6.3	4.5	6.0	6.3	6.0
JASPER II	5.7	6.0	5.6	6.0	6.5	6.4	5.5	2.8	3.5	5.4	4.7	5.8	6.8	6.3	5.8	5.7	5.8
ABERDEEN (PST-EFL)	4.3	5.8	6.2	6.2	6.0	6.8	5.9	2.7	4.8	5.8	4.7	5.7	6.4	6.0	6.2	5.9	5.8
NAVIGATOR (CIS FRR 5)	4.3	6.2	6.4	6.9	5.7	6.7	6.5	2.6	4.0	5.7	4.7	5.9	5.8	5.3	6.0	5.5	5.8
SRX 52961	4.2	6.2	6.8	6.1	6.0	6.5	4.8	2.9	3.2	5.4	4.7	5.4	6.2	6.2	6.0	5.8	5.8
CINDY LOU (CIS FRR 7)	3.8	5.6	6.7	7.1	6.3	6.8	5.3	2.8	3.7	5.6	5.3	6.3	5.8	6.3	5.9	5.8	5.8
SHADEMASTER II	4.8	6.4	6.3	6.2	5.8	6.4	6.2	2.8	4.5	5.3	4.0	5.9	5.7	4.7	6.3	6.2	5.8
DGSC 94	4.3	6.1	6.9	5.7	6.3	6.8	5.4	2.7	3.5	5.7	5.0	5.8	6.1	5.5	5.6	5.8	5.8
ABT-CR-2	4.3	5.2	6.2	6.4	6.7	6.6	5.5	2.8	5.2	5.6	4.0	5.3	6.0	6.7	5.7	5.8	5.7
INVERNESS (PST-47TCR)	4.3	5.6	6.0	5.6	6.5	6.7	5.8	2.9	5.2	5.7	4.3	5.5	5.9	6.2	5.8	5.8	5.7
ABT-CR-3	4.3	5.4	6.0	6.1	6.2	6.8	5.3	2.7	3.2	6.0	4.3	6.1	6.3	5.3	6.2	5.3	5.7
SR 5210 (SRX 52LAV)	3.8	5.1	6.2	6.8	6.0	6.7	5.3	2.9	3.7	5.8	4.3	5.3	5.4	5.5	6.2	5.8	5.7
FLORENTINE	3.8	5.8	6.3	5.6	6.3	6.8	5.8	2.8	4.5	5.2	4.7	6.0	6.0	5.3	5.9	5.3	5.7
ASC 082	4.0	5.4	6.1	5.8	6.2	6.8	5.8	2.8	4.8	5.1	4.0	5.8	5.2	5.8	5.6	5.3	5.6
BOREAL	4.3	4.8	5.0	6.6	5.5	6.8	5.8	2.9	4.3	5.6	3.7	5.3	5.3	5.5	5.4	5.3	5.5
COMMON CREEPING RED	4.5	5.1	4.7	5.9	6.0	6.8	6.0	2.9	4.5	5.4	3.7	5.8	5.4	5.3	5.8	5.5	5.5
ASC 172	3.7	3.7	3.9	4.9	6.7	6.8	4.3	2.8	4.7	4.8	4.3	5.2	4.9	6.2	5.6	5.3	5.2
LSD VALUE	1.8	1.7	1.6	1.9	0.9	0.6	1.5	0.5	1.6	0.9	1.0	1.4	1.3	1.0	1.1	1.0	0.3
C.V. (%)	30.7	18.9	15.7	20.0	9.6	5.3	15.7	12.0	22.5	10.0	13.9	15.6	13.1	10.6	12.0	11.1	14.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 8E.

 SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/  
 1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
HARDTOP (BAR HF 8 FUS)	5.9	6.7	5.7	5.3	4.9	8.3	7.3	5.3	7.5	7.0	7.7	6.3	5.7
VIKING (ABT-HF1)	5.1	5.3	5.9	5.0	4.8	7.8	8.0	5.7	7.3	6.6	6.7	5.0	5.3
OXFORD	5.9	6.0	5.4	5.5	4.3	7.7	7.0	4.3	6.5	6.6	8.0	5.3	4.7
DEFIANT	5.3	6.0	5.9	4.7	4.8	8.2	7.0	5.7	5.8	6.3	7.5	5.3	5.0
BERKSHIRE (4001)	5.7	7.0	5.8	4.8	4.6	8.0	8.0	4.7	7.3	6.5	7.3	5.7	5.3
MB-82	6.2	6.7	5.2	5.5	4.3	8.0	7.3	5.0	6.8	6.7	7.8	5.0	5.0
ATTILA E	6.1	6.7	5.6	5.2	3.8	7.7	7.3	6.0	6.5	6.5	7.3	5.0	5.7
STONEHENGE (AHF 009)	5.9	6.0	5.7	5.2	4.4	8.2	7.7	5.0	7.0	6.3	7.2	5.3	5.7
ABT-HF-2	4.9	5.0	5.2	5.2	4.3	7.8	8.0	4.7	6.7	6.6	7.3	5.7	5.0
CHARIOT (CIS FL 12)	5.1	6.0	5.5	5.0	4.4	8.2	8.0	5.7	6.2	6.6	7.7	5.7	5.0
PICK FF A-97	6.1	7.0	5.2	5.4	4.6	8.0	7.7	4.3	6.0	6.3	7.0	6.0	5.0
SRX 3961	5.8	7.0	6.0	4.9	4.0	8.3	7.7	4.0	6.7	6.2	7.7	5.3	5.0
NORDIC (E)	5.8	6.7	5.9	4.6	4.2	7.7	8.0	4.3	6.7	6.6	7.3	5.7	4.7
RELIANT II	5.3	7.0	5.3	4.8	4.0	7.5	7.3	4.3	7.0	6.3	7.3	4.3	5.3
SCALDIS II (AHF 008)	5.8	6.7	5.1	4.8	4.3	7.5	7.0	4.7	6.0	6.2	7.3	5.0	4.7
PST-4HM	5.7	7.0	5.9	5.3	4.1	8.2	8.0	4.0	6.5	6.5	7.5	5.3	5.0
ABT-HF-3	5.9	7.0	5.1	5.2	4.0	7.2	7.7	4.7	6.8	6.3	7.3	5.7	5.0
EUREKA II (CIS FL 11)	5.7	7.0	5.0	5.0	4.3	7.8	7.3	4.0	7.2	6.7	8.0	5.7	5.3
DISCOVERY	5.7	5.3	4.9	4.9	4.2	7.8	7.3	3.7	7.2	6.4	7.5	5.7	4.7
HERON	6.1	7.0	5.6	5.1	3.8	7.8	7.3	3.3	6.2	6.6	7.7	5.0	5.3
MINOTAUR	5.2	6.0	4.9	5.3	4.0	7.2	7.3	5.3	6.3	6.3	7.2	5.7	5.7
OSPREY	5.8	7.0	4.5	4.9	3.8	8.0	7.7	4.0	5.8	6.6	7.2	5.3	4.7
SCALDIS	5.1	6.0	5.3	4.8	4.4	8.2	7.3	4.3	5.5	6.5	7.2	5.7	5.0
ABT-HF-4	5.8	7.0	4.3	4.8	3.4	7.7	7.3	3.7	6.7	6.1	7.7	4.3	5.0
RESCUE 911	5.8	7.0	4.3	5.1	4.2	7.8	7.0	3.0	6.7	5.8	7.3	5.0	5.0
BIGHORN	5.2	7.0	4.8	5.4	3.8	6.8	6.3	4.3	6.0	6.1	7.3	5.3	5.7
LSD VALUE	1.3	0.5	1.7	1.3	1.0	1.1	0.9	1.4	1.3	1.0	0.8	1.7	1.2
C.V. (%)	14.4	4.6	19.9	15.7	18.0	9.0	7.1	19.3	12.4	10.1	6.9	19.5	14.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8E. (CONT'D)

 SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/  
 1999-2002 DATA

## SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
HARDTOP (BAR HF 8 FUS)	5.4	5.7	3.9	4.0	6.0	6.8	4.3	3.3	6.2	5.0	4.7	6.1	5.2	5.2	5.8	5.5	5.6
VIKING (ABT-HF1)	5.3	4.6	4.1	3.7	6.5	6.8	4.1	3.6	6.3	5.2	4.3	6.8	4.7	5.3	6.0	5.8	5.5
OXFORD	5.7	4.9	4.4	3.6	6.7	6.8	3.8	3.4	4.8	5.3	5.0	5.7	5.1	5.5	5.8	6.3	5.5
DEFIANT	5.2	4.6	3.9	4.1	6.5	6.8	4.4	3.4	4.7	5.2	4.7	5.8	4.8	5.3	5.8	6.1	5.4
BERKSHIRE (4001)	4.8	4.9	3.9	3.6	5.8	6.8	3.5	3.4	5.8	4.6	5.0	6.3	4.3	5.5	6.1	5.9	5.4
MB-82	5.2	3.7	3.8	3.9	6.3	6.8	4.7	3.3	4.8	5.0	4.3	5.9	4.9	4.5	6.3	5.5	5.4
ATTILA E	5.5	3.7	4.0	3.7	6.3	6.8	4.0	3.7	4.7	4.8	5.0	6.2	4.4	5.3	5.7	6.2	5.4
STONEHENGE (AHF 009)	5.6	3.9	3.6	3.6	6.7	6.8	3.8	3.6	4.3	5.0	5.3	5.8	4.6	5.3	5.7	6.0	5.3
ABT-HF-2	5.4	4.8	3.4	3.8	6.0	6.8	3.8	3.3	7.0	5.1	4.7	6.1	4.3	5.8	5.8	5.6	5.3
CHARIOT (CIS FL 12)	5.4	3.5	4.0	3.8	6.3	6.7	3.8	3.2	5.2	5.0	4.7	6.5	4.0	5.5	5.6	6.2	5.3
PICK FF A-97	5.3	3.6	4.1	3.9	6.0	6.8	3.6	3.6	5.0	5.0	4.7	6.2	4.0	5.0	5.8	5.8	5.3
SRX 3961	5.5	4.0	3.4	3.4	6.2	6.8	3.5	3.6	3.8	4.6	4.7	5.7	4.0	5.5	5.9	6.1	5.2
NORDIC (E)	5.6	3.3	3.3	3.6	5.8	6.8	3.7	3.4	5.2	4.7	5.0	5.8	4.2	5.0	5.6	5.4	5.2
RELIANT II	5.7	4.3	3.1	3.6	6.3	7.0	3.3	3.3	5.2	4.7	4.3	6.0	4.2	5.5	5.1	6.0	5.2
SCALDIS II (AHF 008)	5.3	3.4	3.6	3.3	6.0	6.7	4.0	3.4	5.5	5.0	5.0	6.0	4.3	5.3	5.7	6.2	5.2
PST-4HM	3.3	3.3	3.4	3.7	6.3	6.7	3.8	3.4	5.2	5.1	5.0	6.0	3.9	5.0	5.4	5.8	5.2
ABT-HF-3	5.8	3.7	3.2	4.0	6.2	6.8	3.3	3.1	3.7	5.0	4.7	6.3	3.4	5.7	5.2	6.1	5.2
EUREKA II (CIS FL 11)	5.4	3.0	3.1	3.6	6.2	6.7	3.3	3.3	4.3	5.0	5.0	5.8	4.0	4.8	5.8	5.8	5.1
DISCOVERY	5.5	3.9	2.9	3.7	6.5	6.8	3.8	3.3	4.8	5.1	4.7	6.0	3.8	5.0	5.7	5.3	5.1
HERON	5.5	3.0	3.0	3.7	6.7	6.8	3.7	3.3	3.8	5.1	4.3	5.4	4.0	5.5	5.6	5.8	5.1
MINOTAUR	5.7	3.8	4.0	4.2	6.3	6.0	3.4	3.4	3.5	5.0	4.7	6.2	3.8	6.0	5.4	5.7	5.1
OSPREY	5.3	3.4	3.3	4.6	6.0	6.8	3.3	3.6	4.7	5.1	4.3	5.7	3.9	5.2	5.9	5.6	5.1
SCALDIS	5.0	3.0	3.4	4.0	6.3	6.8	3.4	3.3	5.3	4.7	5.0	5.8	4.3	5.3	5.5	5.7	5.1
ABT-HF-4	5.7	2.8	4.2	3.7	6.5	6.6	3.2	3.3	4.2	4.7	5.3	6.1	3.8	5.3	5.6	5.4	5.0
RESCUE 911	5.2	2.3	3.3	2.9	6.7	6.7	3.0	3.6	3.8	4.8	5.0	5.4	3.3	5.5	5.9	5.3	4.9
BIGHORN	5.3	2.7	2.7	3.3	6.5	6.7	2.6	3.0	3.5	4.9	4.7	5.7	3.1	6.0	4.9	5.0	4.8
LSD VALUE	1.2	1.7	1.9	1.9	1.0	0.2	1.0	0.5	1.5	0.6	0.9	1.5	1.3	1.0	1.0	1.1	0.3
C.V. (%)	13.8	27.8	38.3	33.7	9.7	2.0	17.2	11.2	19.1	7.2	12.1	15.6	19.9	12.1	10.6	12.4	15.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8F. SPRING GREENUP RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	CO1	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MI2	MO1	MT1
QUATRO	5.8	7.0	5.3	5.3	4.9	7.3	8.7	3.7	7.0	7.0	7.8	6.0	5.3
SR 3200	5.1	5.3	4.8	4.8	3.6	7.3	7.7	5.0	5.0	6.3	7.5	4.7	5.7
PST-4MB	5.9	7.0	4.5	5.4	3.2	7.7	7.0	4.7	6.5	6.3	8.0	5.7	6.3
SR 6000	5.7	6.7	3.5	5.6	2.8	7.3	5.0	3.0	4.2	6.3	7.7	6.7	5.0
LSD VALUE	1.5	0.7	1.0	1.0	0.9	1.4	0.7	1.7	1.0	1.1	1.0	1.4	1.4
C.V. (%)	16.3	6.3	15.2	12.5	18.0	12.0	5.8	26.5	11.5	10.4	7.7	15.1	15.5

TABLE 8F. (CONT'D) SPRING GREENUP RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	NE1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	WI1	WI2	MEAN
QUATRO	5.8	6.3	6.3	4.2	6.3	6.8	5.3	3.4	5.5	5.2	5.7	6.3	6.0	4.0	5.2	5.7	5.7
SR 3200	5.3	3.3	2.8	3.7	6.8	6.7	3.3	3.1	2.8	5.0	4.0	5.3	3.7	5.5	5.4	5.6	4.9
PST-4MB	5.4	2.8	2.7	3.6	6.2	6.0	2.9	3.0	3.8	4.8	4.7	5.3	2.9	5.3	5.4	5.6	4.8
SR 6000	5.3	2.7	2.6	3.7	6.2	6.7	2.6	2.2	1.5	4.1	5.0	5.3	4.1	5.7	3.9	3.9	4.5
LSD VALUE	1.2	1.9	1.2	1.8	1.2	0.3	0.8	0.7	1.2	0.6	1.0	1.0	1.3	0.7	0.9	0.9	0.3
C.V. (%)	14.4	30.1	19.9	30.8	12.2	2.9	14.5	15.1	21.2	7.5	13.4	11.8	19.0	8.0	11.9	11.5	14.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9A.

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
QUATRO	8.2	8.6	7.3	8.0	9.0	6.8	8.0	6.3	5.7	8.8	9.0	9.0	6.1	6.8	6.5	8.0	9.0	7.5
SRX 3961	7.3	7.9	7.8	8.8	9.0	7.1	8.0	6.0	5.9	8.3	8.3	7.3	5.6	6.7	6.8	8.0	8.0	7.4
VIKING (ABT-HF1)	7.9	8.1	7.3	8.2	8.7	7.2	8.0	5.3	5.9	8.3	9.0	7.7	5.4	7.2	7.0	8.0	6.7	7.3
NORDIC (E)	7.8	8.1	7.3	8.2	9.0	7.0	8.0	6.0	5.9	8.3	9.0	7.7	5.4	6.8	6.3	8.0	7.3	7.3
ABT-HF-2	7.7	8.2	7.0	8.2	9.0	6.9	8.0	6.3	5.4	8.7	8.7	7.7	5.7	7.5	7.0	8.0	7.3	7.3
STONEHENGE (AHF 009)	7.7	8.0	6.9	8.3	9.0	7.4	8.0	6.0	5.7	8.3	8.7	7.3	5.7	6.5	6.5	8.0	7.3	7.3
BAR CHF 8 FUS2	7.7	8.1	6.7	8.2	8.7	7.0	8.0	5.7	6.2	8.5	9.0	6.7	5.9	7.2	6.8	8.0	7.0	7.3
HARDTOP (BAR HF 8 FUS)	8.1	7.8	6.8	8.3	8.7	7.1	8.0	6.0	5.4	8.3	9.0	7.7	5.4	7.0	6.5	8.0	7.7	7.3
TIFFANY	7.1	8.0	7.3	7.5	9.0	7.2	8.0	6.3	6.2	8.5	8.3	6.7	5.4	7.3	6.5	8.0	6.7	7.2
OXFORD	7.3	7.6	7.2	8.8	8.7	7.1	8.0	5.3	5.8	8.3	9.0	7.3	5.2	7.2	6.8	8.0	7.3	7.2
TREAZURE (E)	7.1	8.3	7.2	7.5	8.7	7.0	8.0	6.7	6.2	8.3	8.3	7.0	5.4	7.2	7.2	8.0	6.3	7.2
MB-63	7.7	7.8	6.7	7.8	9.0	7.1	8.0	6.7	6.1	8.3	8.3	6.7	5.4	7.0	7.3	8.0	6.7	7.2
EUREKA II (CIS FL 11)	6.9	7.6	7.0	8.5	9.0	7.2	8.0	5.3	5.4	8.5	9.0	7.0	5.6	7.2	7.2	8.0	8.0	7.2
DEFIANT	7.7	7.6	7.0	8.3	8.7	7.1	8.0	5.3	5.6	8.3	9.0	6.7	5.7	6.5	7.0	8.0	7.3	7.2
ABT-HF-4	7.3	8.0	6.5	8.5	9.0	6.7	8.0	5.0	5.7	8.3	8.7	7.7	5.8	7.2	6.8	8.0	7.3	7.2
CHARLOT (CIS FL 12)	7.2	8.2	7.0	8.5	8.7	7.2	8.0	5.3	5.6	8.2	9.0	7.0	5.1	6.5	6.5	8.0	7.7	7.2
WRIGLEY (ACF 092)	6.8	7.7	7.1	8.0	8.3	7.2	8.0	7.0	5.9	8.8	8.0	6.7	5.8	7.5	6.0	8.0	7.0	7.2
DISCOVERY	7.3	7.8	7.3	8.0	8.3	7.0	8.0	5.7	5.6	8.7	9.0	7.7	5.3	6.7	6.0	8.0	7.7	7.2
BRITTANY	7.2	7.8	7.2	7.3	8.7	7.0	8.0	7.0	5.9	8.5	8.3	6.7	5.2	7.2	7.0	8.0	7.0	7.2
CULOMBRA	7.1	7.9	7.0	7.8	9.0	7.1	8.0	6.0	5.8	8.0	8.0	7.0	5.3	6.8	7.3	8.0	7.0	7.2
MAGIC	7.1	7.7	6.9	7.7	8.7	7.0	8.0	6.3	5.9	8.5	8.0	6.3	5.4	7.3	7.5	8.0	7.0	7.2
SANDPIPER	7.3	7.8	6.9	7.7	9.0	6.7	8.0	6.0	5.8	8.8	8.0	6.3	5.9	7.7	7.0	8.0	6.7	7.2
AMBASSADOR	7.1	7.6	7.1	7.5	9.0	7.0	8.0	6.3	6.2	8.5	8.0	6.7	5.7	6.8	7.2	8.0	7.0	7.2
BERKSHIRE (4001)	7.1	7.9	7.2	8.2	8.7	6.8	8.0	5.3	5.4	8.3	9.0	7.0	5.4	7.0	6.7	8.0	7.7	7.1
ABT-CHW-1	7.3	8.0	7.1	7.8	8.7	6.9	8.0	6.3	5.9	8.5	.	6.7	5.1	7.5	6.8	8.0	7.0	7.1
LONGFELLOW II	7.1	7.8	7.2	7.0	9.0	6.9	8.0	7.0	6.2	8.3	8.0	7.0	5.1	7.0	7.5	8.0	7.3	7.1
ABT-CHW-2	7.2	7.7	7.3	7.2	8.7	6.8	8.0	6.3	6.0	8.2	8.3	7.0	5.4	7.3	7.7	8.0	6.7	7.1
BRIDGEPORT	7.3	7.8	7.0	7.8	9.0	7.1	8.0	6.3	6.4	8.3	8.3	5.7	5.4	7.0	6.7	8.0	6.0	7.1
BAR SCF 8 FUS3	7.8	7.7	6.8	7.5	8.3	7.0	8.0	6.7	5.9	8.3	9.0	7.7	5.2	6.8	6.5	8.0	6.0	7.1
SCALDIS II (AHF 008)	7.2	7.3	6.8	8.8	9.0	7.2	8.0	5.3	5.6	8.5	8.3	7.7	5.2	7.0	6.0	8.0	7.3	7.1
AMBROSE (ABT-CHW-3)	6.8	7.3	7.0	7.7	9.0	7.2	8.0	6.7	5.8	8.5	8.3	6.5	5.6	7.3	6.8	8.0	7.0	7.1
ABT-HF-3	7.3	8.0	6.3	8.7	8.0	6.9	8.0	6.0	5.8	8.3	8.3	7.3	5.2	7.2	6.5	8.0	7.0	7.1
SHADOW II	7.3	7.4	7.3	6.7	9.0	7.2	8.0	5.7	6.2	8.5	7.7	6.7	5.6	7.2	6.5	8.0	7.0	7.1
OSPREY	7.1	7.6	6.9	8.0	8.3	7.0	8.0	5.7	5.4	8.5	9.0	7.0	5.4	7.3	6.5	8.0	7.0	7.1
PST-4HM	7.7	7.7	6.9	7.5	8.3	7.1	7.0	5.3	5.3	8.8	9.0	7.3	5.3	7.0	7.0	8.0	6.3	7.1
ASR 049	6.8	8.0	7.0	7.2	8.0	7.1	8.0	5.7	6.1	8.5	9.0	7.7	5.3	6.7	6.5	8.0	6.7	7.1
ACF 083	6.7	8.1	7.3	6.5	8.3	7.3	8.0	6.3	5.8	8.5	8.7	7.7	5.7	7.5	6.0	8.0	6.3	7.1
HERON	7.2	7.9	7.1	8.0	8.7	6.8	8.0	5.7	5.1	8.7	9.0	6.7	5.3	6.8	6.5	8.0	7.3	7.1
SCALDIS	7.7	7.6	6.7	8.3	8.0	7.2	8.0	5.7	5.6	8.3	9.0	7.0	4.9	6.2	7.5	8.0	7.0	7.1
JAMESTOWN II	7.2	8.0	6.8	6.8	8.7	6.9	8.0	6.7	5.8	8.2	8.3	6.7	5.9	7.0	6.8	7.9	6.7	7.1
SR 5100	7.3	7.8	6.8	6.5	9.0	6.9	8.0	6.7	5.9	8.2	8.0	6.7	5.3	7.3	7.2	8.0	7.0	7.1
INTRIGUE	7.2	7.4	7.0	7.2	8.3	7.2	8.0	6.0	6.0	8.2	8.3	6.3	5.3	7.2	7.0	8.0	6.7	7.0
PICK FF A-97	7.1	7.8	6.9	8.0	8.3	7.1	8.0	5.7	5.2	8.0	8.7	7.0	4.9	7.0	6.8	8.0	7.3	7.0
SILHOUETTE (PICK FRC 4-92)	6.8	7.6	6.8	7.2	9.0	7.1	8.0	6.3	5.7	8.3	8.3	6.3	5.3	7.3	7.2	8.0	7.0	7.0

TABLE 9A. (CONT'D)

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
MB-82	6.8	7.3	7.3	8.5	8.7	6.7	8.0	5.3	5.7	8.2	8.3	7.3	5.2	6.8	6.0	8.0	7.0	7.0
RELIANT II	7.2	7.8	6.8	8.0	8.0	6.9	8.0	5.0	5.7	8.7	8.7	7.3	5.3	6.3	6.7	8.0	7.0	7.0
PICK FRC A-93	6.9	7.7	7.3	7.0	8.7	6.9	8.0	6.3	5.7	8.5	8.0	6.0	5.7	7.0	7.2	8.0	6.3	7.0
RESCUE 911	6.9	7.9	6.7	8.2	8.3	7.0	8.0	5.0	6.0	8.5	9.0	7.0	4.7	6.7	6.5	8.0	7.3	7.0
ATTILA E	7.1	7.3	6.8	8.3	8.3	7.2	8.0	5.3	5.3	8.3	9.0	7.0	5.1	6.8	6.0	8.0	7.0	7.0
JASPER II	6.9	7.6	6.8	7.8	8.7	7.1	8.0	6.0	5.7	7.8	8.0	6.7	5.1	6.7	7.5	8.0	6.7	7.0
BANNER III	7.2	7.3	6.7	7.0	8.7	6.8	8.0	6.3	5.7	8.0	8.3	7.0	5.6	6.8	7.5	8.0	6.3	7.0
DAWSON E+	6.8	7.9	7.0	7.2	8.0	7.2	8.0	5.3	5.6	7.8	8.3	7.3	5.3	7.0	6.0	8.0	6.7	7.0
MINOTAUR	7.1	7.8	6.2	8.2	8.7	7.1	8.0	5.3	5.7	8.2	8.3	7.0	4.8	6.7	.	8.0	6.3	6.9
SRX 52961	6.8	7.8	6.4	6.5	8.3	6.8	8.0	6.3	6.1	7.8	8.0	6.0	5.6	6.8	7.5	8.0	7.0	6.9
SEABREEZE	6.8	8.0	6.7	6.8	9.0	7.0	8.0	6.3	5.8	8.2	8.3	7.0	4.7	7.0	.	8.0	6.3	6.9
ABT-CR-3	6.7	7.8	6.8	6.8	8.0	6.8	8.0	6.7	5.9	8.0	8.0	6.3	4.9	7.0	7.2	8.0	6.7	6.9
SALSA	6.8	8.1	6.9	7.0	9.0	6.9	8.0	5.0	5.6	8.2	8.0	7.0	4.7	7.2	7.0	8.0	5.7	6.9
ABT-CR-2	6.8	7.4	6.7	7.3	8.3	6.7	8.0	7.0	5.8	7.3	8.0	7.0	5.1	7.0	7.5	8.0	6.0	6.9
SHADEMASTER II	7.1	7.8	6.3	7.0	8.3	6.8	8.0	7.0	5.3	8.2	8.0	7.0	5.1	6.7	7.3	7.9	7.0	6.9
FLORENTINE	6.8	7.8	6.6	7.2	8.3	6.8	8.0	6.3	5.9	8.2	8.0	5.7	5.3	6.7	6.5	8.0	7.0	6.9
PST-4MB	6.9	7.6	6.1	7.7	8.7	6.9	8.0	6.0	5.6	8.2	8.3	7.0	5.3	6.7	6.5	8.0	7.0	6.9
SHADEMARK	7.1	7.7	6.4	7.3	8.7	7.1	8.0	6.3	5.4	7.8	8.0	6.0	5.3	6.5	6.8	8.0	5.7	6.9
PST-4FR	6.7	7.6	6.4	7.3	8.0	7.0	8.0	6.7	5.9	7.8	8.3	6.0	4.9	6.7	6.8	8.0	7.0	6.9
BIGHORN	7.2	7.6	6.4	8.0	8.0	6.9	8.0	5.3	5.2	8.3	8.0	7.0	4.7	6.7	6.5	8.0	6.7	6.9
PATHFINDER	6.2	7.7	6.4	6.7	8.3	7.0	8.0	6.7	5.8	7.5	8.7	6.3	4.9	6.8	7.5	7.9	6.3	6.8
BARGENA III (BAR CF 8 FUS1)	6.1	7.7	6.4	7.5	8.3	6.9	8.0	6.7	5.7	7.7	8.3	5.3	4.4	6.8	7.3	8.0	6.7	6.8
NAVIGATOR (CIS FRR 5)	6.7	7.6	6.5	7.2	8.0	6.9	8.0	6.7	5.2	7.8	8.0	5.3	4.6	6.5	7.5	8.0	6.3	6.8
INVERNESS (PST-47TCR)	6.2	7.7	6.6	6.7	8.0	7.1	8.0	6.0	5.4	7.7	8.0	5.7	4.6	7.0	7.5	8.0	6.7	6.8
ABERDEEN (PST-EFL)	6.1	7.3	6.3	7.3	8.3	6.8	8.0	6.0	5.7	7.5	8.0	5.3	5.3	6.5	7.5	8.0	6.0	6.7
DGSC 94	6.1	7.4	6.8	6.8	8.0	7.0	8.0	6.7	5.7	7.3	8.0	5.7	5.1	6.7	7.0	8.0	6.0	6.7
ASC 082	6.2	7.8	6.6	7.2	8.0	7.2	8.0	6.0	5.3	7.5	8.3	6.0	4.7	6.8	6.0	8.0	6.7	6.7
CINDY LOU (CIS FRR 7)	5.8	7.6	6.8	7.3	8.3	6.7	8.0	6.3	5.2	7.7	8.0	5.7	4.7	6.7	7.5	8.0	6.3	6.7
SR 3200	6.8	6.9	6.1	7.7	9.0	6.8	8.0	5.0	5.1	8.3	7.7	6.3	4.8	6.5	6.8	8.0	6.7	6.7
ASC 172	5.7	7.2	6.3	7.3	8.0	7.3	8.0	6.0	5.3	7.0	8.0	5.3	4.9	6.5	7.5	8.0	6.3	6.6
SR 5210 (SRX 52LAV)	5.8	7.2	6.4	7.3	8.0	6.8	8.0	7.0	5.1	6.8	8.0	5.7	4.4	6.8	7.3	8.0	6.7	6.6
ROSE (ASC 087)	6.1	7.2	6.3	6.5	8.0	6.9	8.0	5.3	5.4	7.8	8.3	6.0	5.6	6.5	6.0	7.9	5.3	6.6
COMMON CREEPING RED	6.2	6.7	6.5	6.5	7.0	6.9	8.0	6.3	5.6	7.2	7.0	5.7	4.7	6.8	6.5	7.9	5.0	6.5
BOREAL	5.9	7.0	6.3	6.2	7.0	6.7	8.0	5.0	5.7	7.3	7.3	5.0	4.4	6.5	6.7	7.8	5.3	6.4
SR 6000	6.2	3.7	4.5	6.7	4.0	6.4	6.7	6.0	5.0	7.8	7.0	2.0	2.7	6.3	7.0	7.3	4.0	5.5
LSD VALUE	1.2	1.2	1.0	1.5	0.7	0.7	0.4	1.5	1.2	0.8	0.7	1.1	1.9	1.0	1.2	0.1	1.1	0.4
C.V. (%)	10.9	10.0	9.4	12.7	4.8	7.2	2.9	15.1	13.0	6.0	5.2	9.8	24.2	9.1	9.7	0.9	9.7	10.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9B.

LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
BAR CHF 8 FUS2	7.7	8.1	6.7	8.2	8.7	7.0	8	5.7	6.2	8.5	9.0	6.7	5.9	7.2	6.8	8.0	7.0	7.3
TIFFANY	7.1	8.0	7.3	7.5	9.0	7.2	8	6.3	6.2	8.5	8.3	6.7	5.4	7.3	6.5	8.0	6.7	7.2
TREAZURE (E)	7.1	8.3	7.2	7.5	8.7	7.0	8	6.7	6.2	8.3	8.3	7.0	5.4	7.2	7.2	8.0	6.3	7.2
MB-63	7.7	7.8	6.7	7.8	9.0	7.1	8	6.7	6.1	8.3	8.3	6.7	5.4	7.0	7.3	8.0	6.7	7.2
WRIGLEY (ACF 092)	6.8	7.7	7.1	8.0	8.3	7.2	8	7.0	5.9	8.8	8.0	6.7	5.8	7.5	6.0	8.0	7.0	7.2
BRITTANY	7.2	7.8	7.2	7.3	8.7	7.0	8	7.0	5.9	8.5	8.3	6.7	5.2	7.2	7.0	8.0	7.0	7.2
CULOMBRA	7.1	7.9	7.0	7.8	9.0	7.1	8	6.0	5.8	8.0	8.0	7.0	5.3	6.8	7.3	8.0	7.0	7.2
MAGIC	7.1	7.7	6.9	7.7	8.7	7.0	8	6.3	5.9	8.5	8.0	6.3	5.4	7.3	7.5	8.0	7.0	7.2
SANDPIPER	7.3	7.8	6.9	7.7	9.0	6.7	8	6.0	5.8	8.8	8.0	6.3	5.9	7.7	7.0	8.0	6.7	7.2
AMBASSADOR	7.1	7.6	7.1	7.5	9.0	7.0	8	6.3	6.2	8.5	8.0	6.7	5.7	6.8	7.2	8.0	7.0	7.2
ABT-CHW-1	7.3	8.0	7.1	7.8	8.7	6.9	8	6.3	5.9	8.5	.	6.7	5.1	7.5	6.8	8.0	7.0	7.1
LONGFELLOW II	7.1	7.8	7.2	7.0	9.0	6.9	8	7.0	6.2	8.3	8.0	7.0	5.1	7.0	7.5	8.0	7.3	7.1
ABT-CHW-2	7.2	7.7	7.3	7.2	8.7	6.8	8	6.3	6.0	8.2	8.3	7.0	5.4	7.3	7.7	8.0	6.7	7.1
BRIDGEPORT	7.3	7.8	7.0	7.8	9.0	7.1	8	6.3	6.4	8.3	8.3	5.7	5.4	7.0	6.7	8.0	6.0	7.1
AMBROSE (ABT-CHW-3)	6.8	7.3	7.0	7.7	9.0	7.2	8	6.7	5.8	8.5	8.3	6.5	5.6	7.3	6.8	8.0	7.0	7.1
SHADOW II	7.3	7.4	7.3	6.7	9.0	7.2	8	5.7	6.2	8.5	7.7	6.7	5.6	7.2	6.5	8.0	7.0	7.1
ACF 083	6.7	8.1	7.3	6.5	8.3	7.3	8	6.3	5.8	8.5	8.7	7.7	5.7	7.5	6.0	8.0	6.3	7.1
JAMESTOWN II	7.2	8.0	6.8	6.8	8.7	6.9	8	6.7	5.8	8.2	8.3	6.7	5.9	7.0	6.8	7.9	6.7	7.1
SR 5100	7.3	7.8	6.8	6.5	9.0	6.9	8	6.7	5.9	8.2	8.0	6.7	5.3	7.3	7.2	8.0	7.0	7.1
INTRIGUE	7.2	7.4	7.0	7.2	8.3	7.2	8	6.0	6.0	8.2	8.3	6.3	5.3	7.2	7.0	8.0	6.7	7.0
SILHOUETTE (PICK FRC 4-92)	6.8	7.6	6.8	7.2	9.0	7.1	8	6.3	5.7	8.3	8.3	6.3	5.3	7.3	7.2	8.0	7.0	7.0
PICK FRC A-93	6.9	7.7	7.3	7.0	8.7	6.9	8	6.3	5.7	8.5	8.0	6.0	5.7	7.0	7.2	8.0	6.3	7.0
BANNER III	7.2	7.3	6.7	7.0	8.7	6.8	8	6.3	5.7	8.0	8.3	7.0	5.6	6.8	7.5	8.0	6.3	7.0
LSD VALUE	1.2	1.2	1.0	1.7	0.7	0.7	0	1.4	1.2	0.7	0.7	0.9	1.9	0.9	1.4	0.1	1.0	0.4
C.V. (%)	10.6	9.5	8.6	14.3	4.7	6.6	0	13.7	12.3	5.2	5.4	8.7	24.8	8.3	11.3	0.5	9.1	10.2

TABLE 9C.

LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
BAR SCF 8 FUS3	7.8	7.7	6.8	7.5	8.3	7.0	8	6.7	5.9	8.3	9.0	7.7	5.2	6.8	6.5	8	6.0	7.1
ASR 049	6.8	8.0	7.0	7.2	8.0	7.1	8	5.7	6.1	8.5	9.0	7.7	5.3	6.7	6.5	8	6.7	7.1
DAWSON E+	6.8	7.9	7.0	7.2	8.0	7.2	8	5.3	5.6	7.8	8.3	7.3	5.3	7.0	6.0	8	6.7	7.0
SEABREEZE	6.8	8.0	6.7	6.8	9.0	7.0	8	6.3	5.8	8.2	8.3	7.0	4.7	7.0	.	8	6.3	6.9
LSD VALUE	1.3	1.0	0.8	1.7	0.5	0.7	0	1.9	1.5	0.6	0.7	1.6	1.8	1.0	0.7	0	1.4	0.4
C.V. (%)	11.8	8.1	7.7	14.4	3.5	7.1	0	19.2	15.5	4.8	4.7	13.5	23.9	9.4	5.7	0	13.5	10.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9D.

LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/																	
	AR1	CA1	IA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
JASPER II	6.9	7.6	6.8	7.8	8.7	7.1	8	6.0	5.7	7.8	8.0	6.7	5.1	6.7	7.5	8.0	6.7	7.0
SRX 52961	6.8	7.8	6.4	6.5	8.3	6.8	8	6.3	6.1	7.8	8.0	6.0	5.6	6.8	7.5	8.0	7.0	6.9
ABT-CR-3	6.7	7.8	6.8	6.8	8.0	6.8	8	6.7	5.9	8.0	8.0	6.3	4.9	7.0	7.2	8.0	6.7	6.9
SALSA	6.8	8.1	6.9	7.0	9.0	6.9	8	5.0	5.6	8.2	8.0	7.0	4.7	7.2	7.0	8.0	5.7	6.9
ABT-CR-2	6.8	7.4	6.7	7.3	8.3	6.7	8	7.0	5.8	7.3	8.0	7.0	5.1	7.0	7.5	8.0	6.0	6.9
SHADEMASTER II	7.1	7.8	6.3	7.0	8.3	6.8	8	7.0	5.3	8.2	8.0	7.0	5.1	6.7	7.3	7.9	7.0	6.9
FLORENTINE	6.8	7.8	6.6	7.2	8.3	6.8	8	6.3	5.9	8.2	8.0	5.7	5.3	6.7	6.5	8.0	7.0	6.9
SHADEMARK	7.1	7.7	6.4	7.3	8.7	7.1	8	6.3	5.4	7.8	8.0	6.0	5.3	6.5	6.8	8.0	5.7	6.9
PST-4FR	6.7	7.6	6.4	7.3	8.0	7.0	8	6.7	5.9	7.8	8.3	6.0	4.9	6.7	6.8	8.0	7.0	6.9
PATHFINDER	6.2	7.7	6.4	6.7	8.3	7.0	8	6.7	5.8	7.5	8.7	6.3	4.9	6.8	7.5	7.9	6.3	6.8
BARGENA III (BAR CF 8 FUS1)	6.1	7.7	6.4	7.5	8.3	6.9	8	6.7	5.7	7.7	8.3	5.3	4.4	6.8	7.3	8.0	6.7	6.8
NAVIGATOR (CIS FRR 5)	6.7	7.6	6.5	7.2	8.0	6.9	8	6.7	5.2	7.8	8.0	5.3	4.6	6.5	7.5	8.0	6.3	6.8
INVERNESS (PST-47TCR)	6.2	7.7	6.6	6.7	8.0	7.1	8	6.0	5.4	7.7	8.0	5.7	4.6	7.0	7.5	8.0	6.7	6.8
ABERDEEN (PST-EFL)	6.1	7.3	6.3	7.3	8.3	6.8	8	6.0	5.7	7.5	8.0	5.3	5.3	6.5	7.5	8.0	6.0	6.7
DGSC 94	6.1	7.4	6.8	6.8	8.0	7.0	8	6.7	5.7	7.3	8.0	5.7	5.1	6.7	7.0	8.0	6.0	6.7
ASC 082	6.2	7.8	6.6	7.2	8.0	7.2	8	6.0	5.3	7.5	8.3	6.0	4.7	6.8	6.0	8.0	6.7	6.7
CINDY LOU (CIS FRR 7)	5.8	7.6	6.8	7.3	8.3	6.7	8	6.3	5.2	7.7	8.0	5.7	4.7	6.7	7.5	8.0	6.3	6.7
ASC 172	5.7	7.2	6.3	7.3	8.0	7.3	8	6.0	5.3	7.0	8.0	5.3	4.9	6.5	7.5	8.0	6.3	6.6
SR 5210 (SRX 52LAV)	5.8	7.2	6.4	7.3	8.0	6.8	8	7.0	5.1	6.8	8.0	5.7	4.4	6.8	7.3	8.0	6.7	6.6
ROSE (ASC 087)	6.1	7.2	6.3	6.5	8.0	6.9	8	5.3	5.4	7.8	8.3	6.0	5.6	6.5	6.0	7.9	5.3	6.6
COMMON CREEPING RED	6.2	6.7	6.5	6.5	7.0	6.9	8	6.3	5.6	7.2	7.0	5.7	4.7	6.8	6.5	7.9	5.0	6.5
BOREAL	5.9	7.0	6.3	6.2	7.0	6.7	8	5.0	5.7	7.3	7.3	5.0	4.4	6.5	6.7	7.8	5.3	6.4
LSD VALUE	1.2	1.1	1.0	1.6	0.6	0.7	0	1.5	1.3	0.8	0.8	1.3	1.9	0.9	1.2	0.2	1.1	0.4
C.V. (%)	11.7	8.8	9.9	14.9	4.8	6.6	0	14.8	14.7	7.2	5.9	13.1	24.5	8.6	9.5	1.5	11.1	10.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9E.

LEAF TEXTURE RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

## LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	M01	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
SRX 3961	7.3	7.9	7.8	8.8	9.0	7.1	8.0	6.0	5.9	8.3	8.3	7.3	5.6	6.7	6.8	8	8.0	7.4
VIKING (ABT-HF1)	7.9	8.1	7.3	8.2	8.7	7.2	8.0	5.3	5.9	8.3	9.0	7.7	5.4	7.2	7.0	8	6.7	7.3
NORDIC (E)	7.8	8.1	7.3	8.2	9.0	7.0	8.0	6.0	5.9	8.3	9.0	7.7	5.4	6.8	6.3	8	7.3	7.3
ABT-HF-2	7.7	8.2	7.0	8.2	9.0	6.9	8.0	6.3	5.4	8.7	8.7	7.7	5.7	7.5	7.0	8	7.3	7.3
STONEHENGE (AHF 009)	7.7	8.0	6.9	8.3	9.0	7.4	8.0	6.0	5.7	8.3	8.7	7.3	5.7	6.5	6.5	8	7.3	7.3
HARDTOP (BAR HF 8 FUS)	8.1	7.8	6.8	8.3	8.7	7.1	8.0	6.0	5.4	8.3	9.0	7.7	5.4	7.0	6.5	8	7.7	7.3
OXFORD	7.3	7.6	7.2	8.8	8.7	7.1	8.0	5.3	5.8	8.3	9.0	7.3	5.2	7.2	6.8	8	7.3	7.2
EUREKA II (CIS FL 11)	6.9	7.6	7.0	8.5	9.0	7.2	8.0	5.3	5.4	8.5	9.0	7.0	5.6	7.2	7.2	8	8.0	7.2
DEFIANT	7.7	7.6	7.0	8.3	8.7	7.1	8.0	5.3	5.6	8.3	9.0	6.7	5.7	6.5	7.0	8	7.3	7.2
ABT-HF-4	7.3	8.0	6.5	8.5	9.0	6.7	8.0	5.0	5.7	8.3	8.7	7.7	5.8	7.2	6.8	8	7.3	7.2
CHARIOT (CIS FL 12)	7.2	8.2	7.0	8.5	8.7	7.2	8.0	5.3	5.6	8.2	9.0	7.0	5.1	6.5	6.5	8	7.7	7.2
DISCOVERY	7.3	7.8	7.3	8.0	8.3	7.0	8.0	5.7	5.6	8.7	9.0	7.7	5.3	6.7	6.0	8	7.7	7.2
BERKSHIRE (4001)	7.1	7.9	7.2	8.2	8.7	6.8	8.0	5.3	5.4	8.3	9.0	7.0	5.4	7.0	6.7	8	7.7	7.1
SCALDIS II (AHF 008)	7.2	7.3	6.8	8.8	9.0	7.2	8.0	5.3	5.6	8.5	8.3	7.7	5.2	7.0	6.0	8	7.3	7.1
ABT-HF-3	7.3	8.0	6.3	8.7	8.0	6.9	8.0	6.0	5.8	8.3	8.3	7.3	5.2	7.2	6.5	8	7.0	7.1
OSPREY	7.1	7.6	6.9	8.0	8.3	7.0	8.0	5.7	5.4	8.5	9.0	7.0	5.4	7.3	6.5	8	7.0	7.1
PST-4HM	7.7	7.7	6.9	7.5	8.3	7.1	7.0	5.3	5.3	8.8	9.0	7.3	5.3	7.0	7.0	8	6.3	7.1
HERON	7.2	7.9	7.1	8.0	8.7	6.8	8.0	5.7	5.1	8.7	9.0	6.7	5.3	6.8	6.5	8	7.3	7.1
SCALDIS	7.7	7.6	6.7	8.3	8.0	7.2	8.0	5.7	5.6	8.3	9.0	7.0	4.9	6.2	7.5	8	7.0	7.1
PICK FF A-97	7.1	7.8	6.9	8.0	8.3	7.1	8.0	5.7	5.2	8.0	8.7	7.0	4.9	7.0	6.8	8	7.3	7.0
MB-82	6.8	7.3	7.3	8.5	8.7	6.7	8.0	5.3	5.7	8.2	8.3	7.3	5.2	6.8	6.0	8	7.0	7.0
RELIANT II	7.2	7.8	6.8	8.0	8.0	6.9	8.0	5.0	5.7	8.7	8.7	7.3	5.3	6.3	6.7	8	7.0	7.0
RESCUE 911	6.9	7.9	6.7	8.2	8.3	7.0	8.0	5.0	6.0	8.5	9.0	7.0	4.7	6.7	6.5	8	7.3	7.0
ATTILA E	7.1	7.3	6.8	8.3	8.3	7.2	8.0	5.3	5.3	8.3	9.0	7.0	5.1	6.8	6.0	8	7.0	7.0
MINOTAUR	7.1	7.8	6.2	8.2	8.7	7.1	8.0	5.3	5.7	8.2	8.3	7.0	4.8	6.7	.	8	6.3	6.9
BIGHORN	7.2	7.6	6.4	8.0	8.0	6.9	8.0	5.3	5.2	8.3	8.0	7.0	4.7	6.7	6.5	8	6.7	6.9
LSD VALUE	1.2	1.1	1.1	1.1	0.7	0.8	0.5	1.4	1.0	0.7	0.6	0.9	1.8	1.1	0.9	0	1.0	0.4
C.V. (%)	10.2	9.1	9.4	8.4	5.1	7.7	4.3	16.3	11.5	5.6	4.1	7.8	24.9	9.9	6.9	0	8.6	9.4

TABLE 9F.

LEAF TEXTURE RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	CA1	IA1	KS1	KY1	MI1	MI2	M01	MT1	NC1	NC2	NJ2	NS1	NY1	OK1	QE1	RI1	MEAN
QUATRO	8.2	8.6	7.3	8.0	9.0	6.8	8.0	6.3	5.7	8.8	9.0	9.0	6.1	6.8	6.5	8.0	9.0	7.5
PST-4MB	6.9	7.6	6.1	7.7	8.7	6.9	8.0	6.0	5.6	8.2	8.3	7.0	5.3	6.7	6.5	8.0	7.0	6.9
SR 3200	6.8	6.9	6.1	7.7	9.0	6.8	8.0	5.0	5.1	8.3	7.7	6.3	4.8	6.5	6.8	8.0	6.7	6.7
SR 6000	6.2	3.7	4.5	6.7	4.0	6.4	6.7	6.0	5.0	7.8	7.0	2.0	2.7	6.3	7.0	7.3	4.0	5.5
LSD VALUE	1.4	2.3	1.1	1.5	0.5	0.8	0.9	1.2	1.1	1.0	1.0	0.5	1.7	1.1	0.7	0.0	0.9	0.4
C.V. (%)	12.1	21.2	11.0	13.2	3.8	7.9	7.5	13.1	13.3	7.5	8.1	4.7	22.6	10.9	5.5	0.0	8.7	12.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 10A.

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	M01	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
SALSA	6.3	7.3	9.0	7.0	5.7	7.0	5.7	3.3	5.3	8.7	7.0	7.0	7.0	5.7	8.0	6.3	5.0	6.7	7.7	6.3	6.6
COMMON CREEPING RED	5.7	8.0	9.0	8.7	6.7	6.0	4.7	3.7	5.3	6.7	8.3	7.3	6.0	5.0	8.3	6.3	2.7	9.0	7.7	5.7	6.5
DGSC 94	5.7	8.3	9.0	7.0	5.3	6.7	2.3	6.0	5.3	8.7	7.7	7.7	6.0	6.0	6.3	6.0	4.7	8.0	7.0	4.7	6.4
SANDPIPER	6.0	8.7	8.7	6.0	4.7	3.7	2.0	5.7	5.3	8.7	7.0	7.7	6.7	6.0	7.7	6.0	5.7	8.0	7.7	6.7	6.4
CINDY LOU (CIS FRR 7)	5.7	6.7	8.7	6.0	5.0	3.7	6.0	6.0	5.0	7.7	7.7	6.0	6.3	6.0	7.0	6.0	6.7	9.0	7.3	5.7	6.4
PATHFINDER	6.3	6.3	9.0	7.0	5.3	4.7	8.0	7.3	4.7	6.0	7.3	7.0	6.3	4.7	5.3	5.7	6.3	7.3	7.3	6.0	6.4
SHADEMARK	5.7	8.7	9.0	6.7	4.7	4.0	6.0	6.3	5.7	7.3	7.0	6.3	5.7	6.7	6.7	5.3	5.3	8.0	7.0	5.0	6.4
MB-63	6.3	6.7	9.0	6.0	4.3	5.3	8.3	6.7	5.7	7.0	6.7	6.0	6.0	5.0	5.3	5.3	6.0	7.7	6.7	6.3	6.3
BRITTANY	5.3	6.7	8.3	7.0	4.7	4.3	8.3	7.0	4.7	8.7	6.7	7.0	6.0	3.7	6.0	5.7	5.0	8.0	6.7	6.3	6.3
ABERDEEN (PST-EFL)	6.7	6.7	8.7	6.7	4.7	4.0	4.3	6.7	5.0	7.0	7.3	7.0	6.7	6.3	5.0	5.7	7.0	8.3	6.3	6.0	6.3
JAMESTOWN II	5.0	6.7	8.7	7.0	5.7	3.3	4.0	7.0	4.3	7.0	7.7	6.7	6.3	6.3	7.3	6.0	4.3	8.3	7.3	7.0	6.3
BOREAL	7.3	5.7	9.0	7.7	5.3	4.7	2.3	5.0	5.7	7.3	7.7	6.7	7.0	6.3	7.7	6.3	3.3	6.7	7.7	6.0	6.3
JASPER II	5.7	7.7	9.0	6.3	6.0	4.7	6.7	7.0	4.3	6.0	6.7	7.0	6.0	5.3	5.3	5.7	7.0	6.3	6.3	5.7	6.2
BRIDGEPORT	6.3	7.0	8.7	6.0	5.3	5.0	3.7	6.0	4.3	8.3	6.3	6.3	6.3	5.7	6.0	6.0	5.7	6.7	6.7	6.7	6.2
SRX 52961	6.0	6.3	8.3	6.7	4.7	2.3	6.3	6.0	4.3	6.3	7.0	7.3	6.7	6.0	5.7	6.0	7.0	7.0	7.3	4.3	6.1
NAVIGATOR (CIS FRR 5)	6.7	7.0	9.0	6.0	4.7	3.7	6.7	6.7	5.0	5.0	6.7	6.3	6.3	5.7	4.7	6.0	6.3	7.3	7.3	4.3	6.1
ABT-CR-3	6.3	6.3	8.3	6.0	4.3	3.7	7.0	7.3	4.7	6.3	6.0	6.3	6.3	4.0	5.7	5.7	6.7	7.0	6.7	6.0	6.0
SR 5100	5.3	7.0	8.3	6.0	4.7	5.0	3.0	6.7	5.0	7.3	6.3	7.3	6.0	5.7	5.7	5.7	6.0	6.3	7.3	5.7	6.0
CULOMBRA	6.0	5.0	8.3	6.3	6.3	3.0	2.7	6.3	5.7	8.3	7.0	7.3	6.3	6.0	6.3	6.0	6.0	5.3	6.3	5.3	6.0
SEABREEZE	6.3	6.0	9.0	5.7	6.0	4.7	4.7	6.3	4.7	5.3	6.3	7.0	6.3	4.3	6.0	5.3	4.7	7.7	7.7	5.7	6.0
MAGIC	4.7	7.3	8.0	6.0	5.0	4.0	3.3	7.0	4.7	6.0	6.3	7.3	5.7	4.7	6.0	5.7	5.3	6.7	7.0	6.3	5.9
SR 5210 (SRX 52LAV)	6.0	7.0	9.0	7.0	5.7	4.0	3.7	5.7	3.3	6.0	6.3	6.0	5.7	5.0	6.3	5.3	6.7	6.7	6.7	5.0	5.9
AMBROSE (ABT-CHW-3)	5.7	5.7	7.3	5.7	4.3	2.7	6.0	7.3	4.3	6.3	6.5	7.3	5.7	5.3	4.7	5.7	5.7	7.7	6.7	6.3	5.8
SHADEMASTER II	6.7	6.3	8.7	7.0	4.7	4.0	1.3	7.0	5.0	6.7	6.3	6.3	6.0	5.0	5.3	6.0	5.7	6.0	7.0	5.3	5.8
FLORENTINE	5.3	6.3	8.7	6.0	4.7	3.3	3.0	6.3	4.3	7.0	7.7	6.7	6.3	4.3	5.3	5.3	5.7	6.0	7.0	6.7	5.8
SILHOUETTE (PICK FRC 4-92)	5.3	7.0	8.0	6.0	5.0	3.7	2.7	6.3	5.3	5.7	6.0	7.3	6.0	5.0	5.7	5.7	5.0	8.3	6.7	5.3	5.8
LONGFELLOW II	5.0	5.0	8.3	5.0	3.7	5.0	4.7	7.3	5.3	6.3	6.3	6.5	6.0	4.0	6.0	5.3	6.0	7.7	6.7	5.7	5.8
BAR CHF 8 FUS2	4.0	6.3	8.7	5.7	5.0	4.0	5.0	6.0	4.3	6.7	6.0	6.7	6.0	4.3	5.3	5.7	5.0	7.0	6.7	7.0	5.8
ABT-CR-2	6.7	5.3	8.7	5.7	4.3	3.0	5.7	7.3	4.0	4.7	6.3	7.0	5.7	4.3	5.0	5.7	7.3	6.7	6.7	5.0	5.8
ABT-CHW-1	5.3	6.7	8.0	4.7	4.3	4.3	5.0	6.3	4.3	6.3	5.3	6.7	6.0	4.3	5.0	5.3	6.0	7.3	6.7	6.7	5.7
VIKING (ABT-HF1)	4.3	7.7	8.3	4.7	4.7	5.7	6.3	5.3	3.3	6.3	4.3	6.0	5.7	3.0	7.0	5.7	7.0	8.0	5.7	5.3	5.7
DAWSON E+	6.0	6.7	8.7	6.3	6.0	3.3	4.7	5.0	5.3	4.3	6.3	7.3	6.0	6.0	4.3	5.3	5.0	5.7	6.7	5.0	5.7
TIFFANY	4.7	6.3	8.7	6.0	4.3	3.0	6.3	6.0	4.0	6.3	6.3	6.0	6.0	4.7	5.7	5.7	5.7	5.7	6.7	6.0	5.7
WRIGLEY (ACF 092)	5.7	6.0	8.7	5.7	5.3	4.7	5.3	6.3	3.7	5.0	5.7	6.0	6.0	5.7	4.7	5.7	6.3	5.0	7.0	5.0	5.7
ACF 083	4.0	6.7	9.0	6.0	5.0	5.3	1.7	5.7	4.7	6.3	6.0	7.0	5.7	6.0	4.7	5.3	5.0	6.3	7.0	5.7	5.7
ASR 049	6.0	7.3	8.0	6.0	4.3	4.3	5.3	4.7	4.7	4.3	6.0	7.0	6.0	5.7	3.3	5.3	5.0	8.0	6.0	5.3	5.6
BARGENA III (BAR CF 8 FUS1)	6.3	4.7	8.7	6.0	5.3	3.3	5.0	6.7	4.0	5.3	5.7	6.7	6.0	5.0	5.3	5.3	4.7	5.7	6.3	6.0	5.6
ABT-HF-2	5.7	6.3	8.3	4.0	4.3	4.3	7.3	6.0	3.0	5.7	4.0	6.0	5.3	3.3	6.3	5.3	7.3	6.0	5.7	6.3	5.5
PST-4FR	5.0	5.3	9.0	6.0	5.0	3.0	5.0	7.0	4.0	4.3	5.7	6.0	5.3	5.0	4.7	5.0	6.7	6.3	7.0	5.0	5.5
ABT-CHW-2	5.7	5.3	8.0	5.0	5.0	2.7	5.3	7.0	4.7	5.7	5.0	6.3	6.0	3.3	4.7	5.7	6.3	6.3	7.3	5.0	5.5
ROSE (ASC 087)	5.7	5.0	8.7	6.3	4.7	3.7	6.3	5.3	4.0	3.7	6.3	7.0	6.0	6.0	5.0	5.7	4.7	5.3	6.7	4.0	5.5
STONEHENGE (AHF 009)	6.0	6.7	8.3	4.7	4.0	3.7	7.7	5.7	2.7	4.3	5.0	7.7	5.7	4.3	5.0	5.3	6.3	6.0	5.3	5.7	5.5
OXFORD	5.7	5.0	8.7	5.3	2.7	4.3	8.5	6.0	3.0	5.0	4.3	6.7	5.3	2.0	5.7	5.3	6.7	8.0	5.0	6.3	5.5
PICK FRC A-93	4.3	7.3	7.3	5.7	4.3	4.7	2.0	6.7	5.0	4.7	5.3	5.3	6.0	4.7	4.7	5.3	6.0	8.0	6.7	5.3	5.5

TABLE 10A. (CONT'D)

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS  
1999-2002 DATA

## SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	MO1	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
AMBASSADOR	5.3	5.0	7.7	5.0	4.3	2.3	8.3	7.0	5.3	4.0	5.0	5.7	5.7	5.3	4.0	5.0	6.3	5.7	7.0	4.7	5.4
ATTILA E	6.0	7.3	9.0	5.0	5.0	4.0	2.7	5.0	3.7	4.7	4.7	7.7	5.3	3.7	4.3	5.7	5.0	8.0	5.3	6.3	5.4
SR 6000	5.7	5.7	7.0	3.0	3.3	5.0	2.0	5.7	5.7	7.0	5.0	7.0	7.0	3.7	7.7	6.0	2.3	5.7	6.0	7.3	5.4
INVERNESS (PST-47TCR)	5.7	6.3	8.3	5.7	4.0	3.3	6.0	6.3	5.0	3.7	5.7	5.3	6.0	5.3	4.0	5.0	5.3	4.7	6.7	5.3	5.4
INTRIGUE	4.7	7.0	8.0	5.3	4.3	5.0	1.0	6.3	4.0	4.3	6.0	7.7	6.3	4.7	4.3	5.7	6.3	4.0	6.3	5.7	5.4
NORDIC (E)	6.0	6.0	8.3	4.7	4.3	4.3	4.7	6.0	4.0	3.7	4.0	7.0	5.3	2.0	5.0	5.3	6.7	7.7	6.0	5.7	5.3
EUREKA II (CIS FL 11)	5.0	7.3	8.7	4.7	3.7	3.0	4.0	5.7	3.7	5.3	4.7	6.0	5.7	3.0	5.7	5.7	6.7	6.0	6.0	6.0	5.3
RELIANT II	5.7	6.0	8.7	4.7	4.3	4.7	2.0	5.0	3.3	6.0	4.7	6.0	5.3	2.7	6.7	5.7	6.0	7.3	4.7	6.7	5.3
TREAZURE (E)	5.7	5.3	8.7	5.7	3.7	4.0	0.3	6.3	5.0	5.7	5.3	7.3	6.0	4.7	5.0	5.7	6.0	4.0	6.7	5.0	5.3
BANNER III	6.7	5.0	8.0	5.3	3.7	3.0	6.3	5.7	4.7	3.0	5.7	6.7	5.3	6.3	4.0	5.3	5.0	6.0	6.0	4.3	5.3
CHARIOT (CIS FL 12)	4.7	6.0	8.3	4.7	4.0	5.0	2.3	5.7	3.7	5.0	5.3	7.3	5.7	3.7	6.0	5.7	6.7	4.7	5.3	6.0	5.3
QUATRO	6.0	6.0	8.7	4.0	3.3	4.0	2.7	5.3	3.0	4.7	4.7	5.7	5.7	3.3	5.3	6.0	7.3	8.0	5.7	6.3	5.3
BERKSHIRE (4001)	5.0	7.3	8.3	4.3	4.7	4.3	4.0	5.3	3.3	5.0	4.0	6.7	4.7	2.3	6.0	5.3	7.3	6.0	5.3	6.0	5.3
DEFIANT	4.0	5.3	8.3	5.0	3.0	7.0	7.7	6.0	2.7	4.3	4.0	5.3	5.7	2.0	5.3	5.7	6.0	6.7	4.7	6.3	5.3
RESCUE 911	4.3	6.7	7.3	4.7	3.7	5.0	8.7	5.3	3.7	5.3	4.3	6.0	4.7	2.0	5.7	5.3	6.3	6.0	5.0	5.0	5.3
SHADOW II	5.3	6.7	7.0	5.3	4.7	2.7	2.7	5.7	4.0	4.0	5.7	6.3	5.3	3.7	4.7	5.3	6.0	7.7	6.7	5.3	5.2
SRX 3961	5.0	4.3	8.0	5.3	3.7	5.0	3.7	5.7	3.3	5.3	4.7	6.0	5.3	4.0	5.3	5.7	6.7	6.7	5.3	5.3	5.2
BIGHORN	5.0	7.0	7.7	5.3	5.0	3.3	5.5	5.7	3.0	5.0	4.3	6.0	4.3	3.3	6.0	4.7	5.0	6.3	5.7	6.0	5.2
ASC 082	4.7	4.3	8.7	5.0	3.7	4.3	5.3	6.0	3.3	3.7	5.3	6.0	5.3	4.3	4.7	5.0	6.0	7.0	6.7	4.7	5.2
PICK FF A-97	5.0	6.3	8.7	5.0	3.3	3.3	6.7	6.0	4.3	4.0	4.0	5.7	4.7	3.7	5.0	5.3	6.3	5.0	5.0	5.0	5.1
HERON	4.7	4.0	7.7	5.0	3.7	3.7	5.7	5.3	3.7	5.0	4.3	7.3	5.3	2.0	6.0	5.7	4.7	7.3	4.7	6.0	5.1
ABT-HF-3	4.0	5.7	8.0	4.3	4.3	3.7	6.7	5.7	3.7	4.0	4.7	6.3	5.7	3.0	5.3	5.3	4.3	6.7	5.0	5.3	5.1
HARDTOP (BAR HF 8 FUS)	5.3	4.0	9.0	4.3	4.7	3.7	5.7	6.0	3.0	3.7	4.7	5.7	5.7	4.3	4.3	5.3	7.7	5.0	5.3	4.3	5.1
BAR SCF 8 FUS3	5.7	4.3	8.0	4.3	5.0	3.7	7.7	5.0	4.3	4.3	5.0	5.0	5.7	4.3	4.0	5.3	5.0	4.3	5.7	4.0	5.0
SCALDIS	4.7	6.0	8.7	4.7	3.3	4.3	1.0	6.0	3.0	4.7	3.7	7.0	5.0	2.3	5.3	5.3	6.7	8.7	5.3	5.0	5.0
DISCOVERY	4.3	3.7	8.3	5.3	3.3	4.0	3.7	6.0	2.7	3.7	4.0	5.7	6.0	2.3	6.0	5.7	6.0	6.3	4.7	6.7	4.9
SR 3200	5.3	4.0	8.7	5.7	3.3	5.0	1.3	5.7	3.0	4.3	4.7	6.3	5.0	3.3	6.3	5.3	4.3	5.7	5.3	5.3	4.9
ABT-HF-4	4.0	5.0	8.0	4.3	5.0	4.7	2.0	5.3	3.3	3.7	4.7	6.0	5.0	2.7	5.3	6.0	5.3	8.0	5.3	4.0	4.9
SCALDIS II (AHF 008)	4.7	4.3	8.3	5.0	3.7	3.7	5.0	5.7	3.0	4.3	4.3	6.0	5.3	3.3	5.0	5.3	3.7	7.3	5.3	4.3	4.9
PST-4HM	5.7	6.7	8.3	4.3	3.7	3.7	3.0	5.3	3.3	2.7	4.0	5.7	4.7	2.3	3.3	5.7	7.0	7.3	4.7	5.3	4.8
MINOTAUR	4.3	6.0	7.7	4.3	3.3	4.3	2.3	5.7	3.0	3.7	4.0	6.3	5.7	4.0	4.7	5.7	3.7	5.7	5.3	4.0	4.7
PST-4MB	4.0	7.0	8.0	4.0	3.7	2.7	4.0	5.7	3.3	4.0	4.0	5.3	5.0	1.7	3.7	5.0	5.3	5.0	4.7	4.0	4.5
OSPREY	3.7	6.3	8.3	4.0	3.0	2.7	4.3	5.7	2.3	2.0	3.7	5.0	4.3	2.3	4.3	4.3	7.0	7.3	3.7	4.3	4.4
MB-82	3.7	4.0	7.0	3.0	4.0	2.3	5.7	5.3	2.0	4.0	3.7	5.0	4.7	2.0	1.7	4.0	7.0	6.7	3.3	4.0	4.2
ASC 172	5.0	4.7	7.7	3.3	3.7	2.3	3.3	6.0	3.7	2.0	4.7	5.0	4.3	3.7	2.7	4.7	4.3	2.0	4.7	3.3	4.1
LSD VALUE	1.7	2.8	0.9	1.0	1.7	2.3	3.3	1.6	1.4	1.8	1.1	1.8	0.9	2.0	1.4	0.9	1.4	2.2	1.6	1.4	0.4
C.V. (%)	19.7	28.3	6.8	10.9	23.7	35.7	43.6	16.1	20.3	20.6	12.5	17.6	9.9	29.5	15.8	9.8	14.8	20.2	15.9	16.2	19.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10B.

SEEDLING VIGOR RATINGS OF CHEWINGS FESCUE CULTIVARS  
1999-2002 DATA

## SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	MO1	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
SANDPIPER	6.0	8.7	8.7	6.0	4.7	3.7	2.0	5.7	5.3	8.7	7.0	7.7	6.7	6.0	7.7	6.0	5.7	8.0	7.7	6.7	6.4
MB-63	6.3	6.7	9.0	6.0	4.3	5.3	8.3	6.7	5.7	7.0	6.7	6.0	6.0	5.0	5.3	5.3	6.0	7.7	6.7	6.3	6.3
BRITTANY	5.3	6.7	8.3	7.0	4.7	4.3	8.3	7.0	4.7	8.7	6.7	7.0	6.0	3.7	6.0	5.7	5.0	8.0	6.7	6.3	6.3
JAMESTOWN II	5.0	6.7	8.7	7.0	5.7	3.3	4.0	7.0	4.3	7.0	7.7	6.7	6.3	6.3	7.3	6.0	4.3	8.3	7.3	7.0	6.3
BRIDGEPORT	6.3	7.0	8.7	6.0	5.3	5.0	3.7	6.0	4.3	8.3	6.3	6.3	6.3	5.7	6.0	6.0	5.7	6.7	6.7	6.7	6.2
SR 5100	5.3	7.0	8.3	6.0	4.7	5.0	3.0	6.7	5.0	7.3	6.3	7.3	6.0	5.7	5.7	5.7	6.0	6.3	7.3	5.7	6.0
CULOMBRA	6.0	5.0	8.3	6.3	6.3	3.0	2.7	6.3	5.7	8.3	7.0	7.3	6.3	6.0	6.3	6.0	6.0	5.3	6.3	5.3	6.0
MAGIC	4.7	7.3	8.0	6.0	5.0	4.0	3.3	7.0	4.7	6.0	6.3	7.3	5.7	4.7	6.0	5.7	5.3	6.7	7.0	6.3	5.9
AMBROSE (ABT-CHW-3)	5.7	5.7	7.3	5.7	4.3	2.7	6.0	7.3	4.3	6.3	6.5	7.3	5.7	5.3	4.7	5.7	5.7	7.7	6.7	6.3	5.8
SILHOUETTE (PICK FRC 4-92)	5.3	7.0	8.0	6.0	5.0	3.7	2.7	6.3	5.3	5.7	6.0	7.3	6.0	5.0	5.7	5.7	5.0	8.3	6.7	5.3	5.8
LONGFELLOW II	5.0	5.0	8.3	5.0	3.7	5.0	4.7	7.3	5.3	6.3	6.3	6.5	6.0	4.0	6.0	5.3	6.0	7.7	6.7	5.7	5.8
BAR CHF 8 FUS2	4.0	6.3	8.7	5.7	5.0	4.0	5.0	6.0	4.3	6.7	6.0	6.7	6.0	4.3	5.3	5.7	5.0	7.0	6.7	7.0	5.8
ABT-CHW-1	5.3	6.7	8.0	4.7	4.3	4.3	5.0	6.3	4.3	6.3	5.3	6.7	6.0	4.3	5.0	5.3	6.0	7.3	6.7	6.7	5.7
TIFFANY	4.7	6.3	8.7	6.0	4.3	3.0	6.3	6.0	4.0	6.3	6.3	6.0	6.0	4.7	5.7	5.7	5.7	5.7	6.7	6.0	5.7
WRIGLEY (ACF 092)	5.7	6.0	8.7	5.7	5.3	4.7	5.3	6.3	3.7	5.0	5.7	6.0	6.0	5.7	4.7	5.7	6.3	5.0	7.0	5.0	5.7
ACF 083	4.0	6.7	9.0	6.0	5.0	5.3	1.7	5.7	4.7	6.3	6.0	7.0	5.7	6.0	4.7	5.3	5.0	6.3	7.0	5.7	5.7
ABT-CHW-2	5.7	5.3	8.0	5.0	5.0	2.7	5.3	7.0	4.7	5.7	5.0	6.3	6.0	3.3	4.7	5.7	6.3	6.3	7.3	5.0	5.5
PICK FRC A-93	4.3	7.3	7.3	5.7	4.3	4.7	2.0	6.7	5.0	4.7	5.3	5.3	6.0	4.7	4.7	5.3	6.0	8.0	6.7	5.3	5.5
AMBASSADOR	5.3	5.0	7.7	5.0	4.3	2.3	8.3	7.0	5.3	4.0	5.0	5.7	5.7	5.3	4.0	5.0	6.3	5.7	7.0	4.7	5.4
INTRIGUE	4.7	7.0	8.0	5.3	4.3	5.0	1.0	6.3	4.0	4.3	6.0	7.7	6.3	4.7	4.3	5.7	6.3	4.0	6.3	5.7	5.4
TREAZURE (E)	5.7	5.3	8.7	5.7	3.7	4.0	0.3	6.3	5.0	5.7	5.3	7.3	6.0	4.7	5.0	5.7	6.0	4.0	6.7	5.0	5.3
BANNER III	6.7	5.0	8.0	5.3	3.7	3.0	6.3	5.7	4.7	3.0	5.7	6.7	5.3	6.3	4.0	5.3	5.0	6.0	6.0	4.3	5.3
SHADOW II	5.3	6.7	7.0	5.3	4.7	2.7	2.7	5.7	4.0	4.0	5.7	6.3	5.3	3.7	4.7	5.3	6.0	7.7	6.7	5.3	5.2
PST-4HM	5.7	6.7	8.3	4.3	3.7	3.7	3.0	5.3	3.3	2.7	4.0	5.7	4.7	2.3	3.3	5.7	7.0	7.3	4.7	5.3	4.8
LSD VALUE	1.6	3.0	1.0	0.8	1.7	2.1	3.0	1.6	1.1	1.5	1.1	1.7	0.7	2.1	1.2	0.9	1.4	2.2	1.6	1.5	0.4
C.V. (%)	19.1	29.5	7.4	9.3	22.1	32.7	43.7	15.1	15.2	15.1	11.3	15.8	7.7	26.7	13.6	9.9	15.6	20.5	14.7	15.8	18.4

TABLE 10C.

SEEDLING VIGOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	MO1	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
SEABREEZE	6.3	6.0	9.0	5.7	6.0	4.7	4.7	6.3	4.7	5.3	6.3	7.0	6.3	4.3	6.0	5.3	4.7	7.7	7.7	5.7	6.0
DAWSON E+	6.0	6.7	8.7	6.3	6.0	3.3	4.7	5.0	5.3	4.3	6.3	7.3	6.0	6.0	4.3	5.3	5.0	5.7	6.7	5.0	5.7
ASR 049	6.0	7.3	8.0	6.0	4.3	4.3	5.3	4.7	4.7	4.3	6.0	7.0	6.0	5.7	3.3	5.3	5.0	8.0	6.0	5.3	5.6
BAR SCF 8 FUS3	5.7	4.3	8.0	4.3	5.0	3.7	7.7	5.0	4.3	4.3	5.0	5.0	5.7	4.3	4.0	5.3	5.0	4.3	5.7	4.0	5.0
LSD VALUE	1.9	2.0	0.5	0.8	0.9	2.6	3.4	2.4	1.2	1.2	1.3	1.9	0.7	0.8	1.5	0.9	1.9	1.8	1.4	1.7	0.4
C.V. (%)	19.8	20.1	3.4	9.0	10.8	40.2	38.3	28.0	16.1	16.7	13.8	17.5	6.8	9.8	21.7	10.8	23.5	17.4	13.3	21.6	18.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10D.

SEEDLING VIGOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	M01	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
SALSA	6.3	7.3	9.0	7.0	5.7	7.0	5.7	3.3	5.3	8.7	7.0	7.0	7.0	5.7	8.0	6.3	5.0	6.7	7.7	6.3	6.6
COMMON CREEPING RED	5.7	8.0	9.0	8.7	6.7	6.0	4.7	3.7	5.3	6.7	8.3	7.3	6.0	5.0	8.3	6.3	2.7	9.0	7.7	5.7	6.5
DGSC 94	5.7	8.3	9.0	7.0	5.3	6.7	2.3	6.0	5.3	8.7	7.7	7.7	6.0	6.0	6.3	6.0	4.7	8.0	7.0	4.7	6.4
CINDY LOU (CIS FRR 7)	5.7	6.7	8.7	6.0	5.0	3.7	6.0	6.0	5.0	7.7	7.7	6.0	6.3	6.0	7.0	6.0	6.7	9.0	7.3	5.7	6.4
PATHFINDER	6.3	6.3	9.0	7.0	5.3	4.7	8.0	7.3	4.7	6.0	7.3	7.0	6.3	4.7	5.3	5.7	6.3	7.3	7.3	6.0	6.4
SHADEMARK	5.7	8.7	9.0	6.7	4.7	4.0	6.0	6.3	5.7	7.3	7.0	6.3	5.7	6.7	6.7	5.3	5.3	8.0	7.0	5.0	6.4
ABERDEEN (PST-EFL)	6.7	6.7	8.7	6.7	4.7	4.0	4.3	6.7	5.0	7.0	7.3	7.0	6.7	6.3	5.0	5.7	7.0	8.3	6.3	6.0	6.3
BOREAL	7.3	5.7	9.0	7.7	5.3	4.7	2.3	5.0	5.7	7.3	7.7	6.7	7.0	6.3	7.7	6.3	3.3	6.7	7.7	6.0	6.3
JASPER II	5.7	7.7	9.0	6.3	6.0	4.7	6.7	7.0	4.3	6.0	6.7	7.0	6.0	5.3	5.3	5.7	7.0	6.3	6.3	5.7	6.2
SRX 52961	6.0	6.3	8.3	6.7	4.7	2.3	6.3	6.0	4.3	6.3	7.0	7.3	6.7	6.0	5.7	6.0	7.0	7.0	7.3	4.3	6.1
NAVIGATOR (CIS FRR 5)	6.7	7.0	9.0	6.0	4.7	3.7	6.7	6.7	5.0	5.0	6.7	6.3	6.3	5.7	4.7	6.0	6.3	7.3	7.3	4.3	6.1
ABT-CR-3	6.3	6.3	8.3	6.0	4.3	3.7	7.0	7.3	4.7	6.3	6.0	6.3	6.3	4.0	5.7	5.7	6.7	7.0	6.7	6.0	6.0
SR 5210 (SRX 52LAV)	6.0	7.0	9.0	7.0	5.7	4.0	3.7	5.7	3.3	6.0	6.3	6.0	5.7	5.0	6.3	5.3	6.7	6.7	6.7	5.0	5.9
SHADEMASTER II	6.7	6.3	8.7	7.0	4.7	4.0	1.3	7.0	5.0	6.7	6.3	6.3	6.0	5.0	5.3	6.0	5.7	6.0	7.0	5.3	5.8
FLORENTINE	5.3	6.3	8.7	6.0	4.7	3.3	3.0	6.3	4.3	7.0	7.7	6.7	6.3	4.3	5.3	5.3	5.7	6.0	7.0	6.7	5.8
ABT-CR-2	6.7	5.3	8.7	5.7	4.3	3.0	5.7	7.3	4.0	4.7	6.3	7.0	5.7	4.3	5.0	5.7	7.3	6.7	6.7	5.0	5.8
BARGENA III (BAR CF 8 FUS1)	6.3	4.7	8.7	6.0	5.3	3.3	5.0	6.7	4.0	5.3	5.7	6.7	6.0	5.0	5.3	5.3	4.7	5.7	6.3	6.0	5.6
PST-4FR	5.0	5.3	9.0	6.0	5.0	3.0	5.0	7.0	4.0	4.3	5.7	6.0	5.3	5.0	4.7	5.0	6.7	6.3	7.0	5.0	5.5
ROSE (ASC 087)	5.7	5.0	8.7	6.3	4.7	3.7	6.3	5.3	4.0	3.7	6.3	7.0	6.0	6.0	5.0	5.7	4.7	5.3	6.7	4.0	5.5
INVERNESS (PST-47TCR)	5.7	6.3	8.3	5.7	4.0	3.3	6.0	6.3	5.0	3.7	5.7	5.3	6.0	5.3	4.0	5.0	5.3	4.7	6.7	5.3	5.4
ASC 082	4.7	4.3	8.7	5.0	3.7	4.3	5.3	6.0	3.3	3.7	5.3	6.0	5.3	4.3	4.7	5.0	6.0	7.0	6.7	4.7	5.2
ASC 172	5.0	4.7	7.7	3.3	3.7	2.3	3.3	6.0	3.7	2.0	4.7	5.0	4.3	3.7	2.7	4.7	4.3	2.0	4.7	3.3	4.1
LSD VALUE	1.7	2.4	0.7	0.9	1.7	2.6	3.5	1.6	1.7	1.4	1.0	1.7	1.0	2.2	1.6	0.9	1.4	2.1	1.3	1.3	0.4
C.V. (%)	18.3	23.6	4.9	8.5	22.1	39.2	42.7	16.4	22.4	14.4	9.6	16.5	10.2	26.6	17.9	9.8	15.3	19.4	11.9	15.7	18.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10E.

SEEDLING VIGOR RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	MO1	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
VIKING (ABT-HF1)	4.3	7.7	8.3	4.7	4.7	5.7	6.3	5.3	3.3	6.3	4.3	6.0	5.7	3.0	7.0	5.7	7.0	8.0	5.7	5.3	5.7
ABT-HF-2	5.7	6.3	8.3	4.0	4.3	4.3	7.3	6.0	3.0	5.7	4.0	6.0	5.3	3.3	6.3	5.3	7.3	6.0	5.7	6.3	5.5
STONEHENGE (AHF 009)	6.0	6.7	8.3	4.7	4.0	3.7	7.7	5.7	2.7	4.3	5.0	7.7	5.7	4.3	5.0	5.3	6.3	6.0	5.3	5.7	5.5
OXFORD	5.7	5.0	8.7	5.3	2.7	4.3	8.5	6.0	3.0	5.0	4.3	6.7	5.3	2.0	5.7	5.3	6.7	8.0	5.0	6.3	5.5
ATTILA E	6.0	7.3	9.0	5.0	5.0	4.0	2.7	5.0	3.7	4.7	4.7	7.7	5.3	3.7	4.3	5.7	5.0	8.0	5.3	6.3	5.4
NORDIC (E)	6.0	6.0	8.3	4.7	4.3	4.3	4.7	6.0	4.0	3.7	4.0	7.0	5.3	2.0	5.0	5.3	6.7	7.7	6.0	5.7	5.3
EUREKA II (CIS FL 11)	5.0	7.3	8.7	4.7	3.7	3.0	4.0	5.7	3.7	5.3	4.7	6.0	5.7	3.0	5.7	5.7	6.7	6.0	6.0	6.0	5.3
RELIANT II	5.7	6.0	8.7	4.7	4.3	4.7	2.0	5.0	3.3	6.0	4.7	6.0	5.3	2.7	6.7	5.7	6.0	7.3	4.7	6.7	5.3
CHARIOT (CIS FL 12)	4.7	6.0	8.3	4.7	4.0	5.0	2.3	5.7	3.7	5.0	5.3	7.3	5.7	3.7	6.0	5.7	6.7	4.7	5.3	6.0	5.3
BERKSHIRE (4001)	5.0	7.3	8.3	4.3	4.7	4.3	4.0	5.3	3.3	5.0	4.0	6.7	4.7	2.3	6.0	5.3	7.3	6.0	5.3	6.0	5.3
DEFIANT	4.0	5.3	8.3	5.0	3.0	7.0	7.7	6.0	2.7	4.3	4.0	5.3	5.7	2.0	5.3	5.7	6.0	6.7	4.7	6.3	5.3
RESCUE 911	4.3	6.7	7.3	4.7	3.7	5.0	8.7	5.3	3.7	5.3	4.3	6.0	4.7	2.0	5.7	5.3	6.3	6.0	5.0	5.0	5.3
SRX 3961	5.0	4.3	8.0	5.3	3.7	5.0	3.7	5.7	3.3	5.3	4.7	6.0	5.3	4.0	5.3	5.7	6.7	6.7	5.3	5.3	5.2
BIGHORN	5.0	7.0	7.7	5.3	5.0	3.3	5.5	5.7	3.0	5.0	4.3	6.0	4.3	3.3	6.0	4.7	5.0	6.3	5.7	6.0	5.2
PICK FF A-97	5.0	6.3	8.7	5.0	3.3	3.3	6.7	6.0	4.3	4.0	4.0	5.7	4.7	3.7	5.0	5.3	6.3	5.0	5.0	5.0	5.1
HERON	4.7	4.0	7.7	5.0	3.7	3.7	5.7	5.3	3.7	5.0	4.3	7.3	5.3	2.0	6.0	5.7	4.7	7.3	4.7	6.0	5.1
ABT-HF-3	4.0	5.7	8.0	4.3	4.3	3.7	6.7	5.7	3.7	4.0	4.7	6.3	5.7	3.0	5.3	5.3	4.3	6.7	5.0	5.3	5.1
HARDTOP (BAR HF 8 FUS)	5.3	4.0	9.0	4.3	4.7	3.7	5.7	6.0	3.0	3.7	4.7	5.7	5.7	4.3	4.3	5.3	7.7	5.0	5.3	4.3	5.1
SCALDIS	4.7	6.0	8.7	4.7	3.3	4.3	1.0	6.0	3.0	4.7	3.7	7.0	5.0	2.3	5.3	5.3	6.7	8.7	5.3	5.0	5.0
DISCOVERY	4.3	3.7	8.3	5.3	3.3	4.0	3.7	6.0	2.7	3.7	4.0	5.7	6.0	2.3	6.0	5.7	6.0	6.3	4.7	6.7	4.9
ABT-HF-4	4.0	5.0	8.0	4.3	5.0	4.7	2.0	5.3	3.3	3.7	4.7	6.0	5.0	2.7	5.3	6.0	5.3	8.0	5.3	4.0	4.9
SCALDIS II (AHF 008)	4.7	4.3	8.3	5.0	3.7	3.7	5.0	5.7	3.0	4.3	4.3	6.0	5.3	3.3	5.0	5.3	3.7	7.3	5.3	4.3	4.9
OSPREY	3.7	6.3	8.3	4.0	3.0	2.7	4.3	5.7	2.3	2.0	3.7	5.0	4.3	2.3	4.3	4.3	7.0	7.3	3.7	4.3	4.4
MB-82	3.7	4.0	7.0	3.0	4.0	2.3	5.7	5.3	2.0	4.0	3.7	5.0	4.7	2.0	1.7	4.0	7.0	6.7	3.3	4.0	4.2
LSD VALUE	1.7	3.0	1.0	1.2	1.7	2.2	3.5	1.3	1.3	2.4	1.2	1.9	1.1	1.9	1.3	0.9	1.2	2.0	1.8	1.5	0.4
C.V. (%)	22.0	32.6	7.8	15.4	27.4	33.6	42.0	14.3	24.8	33.2	17.4	19.0	12.9	40.4	15.6	10.3	12.1	18.5	21.5	16.5	22.0

TABLE 10F.

SEEDLING VIGOR RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	CA1	IN1	KS1	KY1	MA1	MI1	MI2	MO1	MT1	NJ1	NJ2	NS1	NY1	OK1	PA1	QE1	RI1	SD1	WA1	WA3	MEAN
SR 6000	5.7	5.7	7.0	3.0	3.3	5.0	2.0	5.7	5.7	7.0	5.0	7.0	7.0	3.7	7.7	6.0	2.3	5.7	6.0	7.3	5.4
QUATRO	6.0	6.0	8.7	4.0	3.3	4.0	2.7	5.3	3.0	4.7	4.7	5.7	5.7	3.3	5.3	6.0	7.3	8.0	5.7	6.3	5.3
SR 3200	5.3	4.0	8.7	5.7	3.3	5.0	1.3	5.7	3.0	4.3	4.7	6.3	5.0	3.3	6.3	5.3	4.3	5.7	5.3	5.3	4.9
MINOTAUR	4.3	6.0	7.7	4.3	3.3	4.3	2.3	5.7	3.0	3.7	4.0	6.3	5.7	4.0	4.7	5.7	3.7	5.7	5.3	4.0	4.7
PST-4MB	4.0	7.0	8.0	4.0	3.7	2.7	4.0	5.7	3.3	4.0	4.0	5.3	5.0	1.7	3.7	5.0	5.3	5.0	4.7	4.0	4.5
LSD VALUE	1.6	2.5	1.0	0.9	2.0	2.7	3.0	1.6	1.2	1.4	0.9	2.4	0.6	2.1	0.9	0.6	1.2	3.1	1.8	1.2	0.4
C.V. (%)	19.7	27.4	7.9	13.7	36.4	39.4	74.8	17.3	20.3	18.9	12.9	24.5	6.4	40.3	10.4	6.5	15.9	31.6	20.8	14.3	22.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11A.

 SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
OXFORD	5.9	9.0	8.7	8.7	6.6	6.0	7.0	5.2	6.3	6.7	7.6	8.0	5.5	7.1	5.7	6.6	6.3	6.7	3.0	6.7
VIKING (ABT-HF1)	6.0	8.8	8.6	9.0	7.1	5.7	6.0	5.2	7.0	6.0	7.5	7.3	5.5	7.2	5.7	6.2	6.7	6.3	3.3	6.6
ABT-HF-2	5.9	8.5	8.3	8.7	7.1	5.7	6.0	4.8	7.7	5.0	8.3	7.7	5.4	7.4	5.9	5.8	6.0	6.3	3.0	6.6
BERKSHIRE (4001)	5.9	9.0	8.2	9.0	7.0	6.3	6.3	5.2	4.3	6.3	6.9	7.7	5.7	7.7	5.8	6.4	6.7	6.3	3.0	6.6
NORDIC (E)	5.8	8.8	8.3	9.0	6.8	6.0	6.3	5.7	7.3	5.7	7.8	7.3	5.3	7.3	5.7	5.8	6.7	6.3	2.7	6.6
LONGFELLOW II	6.6	8.3	8.0	8.7	6.9	5.3	7.0	5.8	7.7	5.7	5.8	7.0	6.5	6.9	5.3	6.3	6.7	6.3	4.7	6.6
TREAZURE (E)	6.2	8.2	7.3	8.0	7.1	6.0	7.0	6.2	7.3	7.0	6.6	7.7	6.3	6.4	5.3	6.4	6.0	6.0	3.7	6.5
HARDTOP (BAR HF 8 FUS)	6.2	8.8	8.4	8.7	6.7	6.7	6.3	5.0	6.3	6.3	7.8	7.0	5.7	6.7	5.4	5.8	6.0	6.7	2.7	6.5
SRX 3961	5.1	8.8	8.1	8.3	7.1	6.0	5.7	5.0	7.3	6.3	7.7	7.3	5.6	7.3	5.6	6.3	6.3	6.3	3.3	6.5
PST-4MB	6.0	8.2	8.4	8.3	7.0	6.3	6.3	5.0	6.0	6.3	7.8	7.0	6.5	6.8	5.2	5.2	5.3	4.7	2.7	6.5
ABT-CHW-2	5.7	8.5	7.4	9.0	7.0	5.0	6.7	5.8	6.0	6.0	7.6	8.0	6.2	6.3	5.1	6.4	6.0	5.7	3.7	6.5
MAGIC	5.7	8.2	8.2	8.0	6.6	6.0	7.0	5.8	8.3	6.3	7.9	7.3	6.0	6.1	5.0	5.7	6.0	6.0	3.3	6.5
ABT-HF-4	5.6	7.5	8.4	8.3	6.8	6.0	6.0	5.1	4.7	5.7	8.3	7.0	5.7	7.1	5.4	6.4	6.0	6.0	3.3	6.5
DISCOVERY	5.8	8.3	7.7	8.0	7.0	6.7	7.0	4.9	7.7	5.3	7.8	7.3	5.3	7.2	5.7	5.9	6.3	6.0	3.3	6.5
CHARIOT (CIS FL 12)	5.4	8.3	8.3	8.3	6.9	5.0	5.7	5.1	6.0	6.0	7.8	8.0	5.8	6.8	5.8	5.8	6.3	6.3	3.0	6.5
RELIANT II	5.6	8.7	7.9	8.3	6.8	4.7	5.3	5.0	5.0	5.3	8.6	7.0	6.0	7.0	5.6	6.2	6.0	5.7	3.0	6.5
STONEHENGE (AHF 009)	5.7	8.8	8.6	7.3	6.8	5.7	6.3	4.6	4.3	5.3	8.3	7.3	6.0	6.6	5.9	5.7	6.0	6.0	2.7	6.5
MINOTAUR	5.0	8.2	8.3	7.7	6.9	6.3	5.7	5.0	7.7	5.7	7.7	7.3	6.7	7.0	5.6	5.0	6.3	5.3	3.0	6.5
ABT-HF-3	6.1	8.3	8.4	8.7	7.1	6.3	5.7	5.1	6.0	6.0	7.9	8.0	5.2	7.2	5.3	5.4	5.7	5.7	2.7	6.5
HERON	5.6	8.2	8.0	8.3	7.1	6.7	6.3	5.1	4.3	6.0	8.0	7.7	5.4	6.8	5.3	6.3	6.7	5.3	3.0	6.5
BRIDGEPORT	5.4	8.3	8.0	8.7	6.6	5.7	7.3	6.0	5.3	7.3	6.9	7.3	6.5	5.8	5.4	5.8	6.3	6.0	3.3	6.5
JASPER II	5.7	8.3	8.1	9.0	6.8	5.0	6.7	5.8	8.0	6.3	7.6	7.0	6.5	5.7	5.1	4.9	6.0	6.7	3.7	6.4
EUREKA II (CIS FL 11)	4.8	9.0	8.3	8.0	7.1	5.7	5.7	4.9	7.3	5.3	7.8	7.0	6.1	6.4	5.8	5.7	5.0	6.0	2.3	6.4
INTRIGUE	5.4	8.5	6.8	8.7	6.7	5.7	6.3	5.9	7.0	7.0	7.2	7.7	6.0	6.8	5.4	5.9	7.0	5.3	3.7	6.4
MB-63	5.4	8.7	8.2	8.7	6.6	5.7	7.3	6.1	8.3	6.7	6.8	6.3	6.0	5.7	5.6	5.1	5.7	5.3	3.0	6.4
AMBROSE (ABT-CHW-3)	6.2	8.3	7.0	8.7	6.3	6.3	7.7	5.7	7.3	6.0	6.8	8.0	5.3	6.7	4.9	6.3	6.7	6.0	3.7	6.4
QUATRO	5.9	7.8	8.1	5.0	6.8	5.7	6.7	4.7	6.3	5.3	8.0	7.7	5.6	6.6	5.1	6.1	6.3	5.3	3.7	6.3
PICK FF A-97	4.9	8.5	8.9	8.3	6.9	6.0	6.7	5.6	6.3	5.7	7.1	6.7	5.2	6.8	5.4	5.8	6.0	5.7	3.0	6.3
WRIGLEY (ACF 092)	5.2	8.0	8.0	7.3	6.7	6.0	6.7	5.7	7.0	6.7	6.6	7.0	6.5	6.0	5.6	5.8	6.0	6.0	3.0	6.3
SR 5100	5.9	8.2	7.6	8.0	6.4	4.7	7.3	6.0	7.3	6.0	7.3	7.3	5.5	5.7	5.4	5.8	6.3	6.0	3.7	6.3
AMBASSADOR	6.3	7.8	7.4	9.0	6.8	6.0	7.0	6.2	7.3	5.7	4.8	7.0	6.1	6.8	4.9	6.2	7.3	6.3	3.3	6.3
PICK FRC A-93	5.6	8.5	7.9	9.0	6.9	5.3	7.0	5.8	6.7	6.3	5.8	6.7	5.9	6.4	5.2	5.8	6.3	6.0	3.0	6.3
ATTILA E	5.3	7.8	8.7	8.0	6.9	5.7	4.7	5.1	5.0	4.7	7.8	8.0	5.3	6.7	5.3	5.3	5.7	5.7	2.7	6.3
PST-4HM	5.3	9.0	8.4	7.7	6.9	6.7	6.3	5.0	5.0	5.3	4.3	7.3	6.4	7.2	5.8	6.2	6.3	5.7	3.0	6.3
SANDPIPER	5.9	8.3	8.4	8.3	6.8	5.7	6.7	5.7	7.0	6.3	5.0	7.7	6.1	5.4	5.4	5.8	7.0	6.0	3.3	6.3
SCALDIS II (AHF 008)	5.0	8.5	7.8	8.0	6.4	5.7	6.0	5.1	4.0	5.3	7.8	7.3	5.6	6.6	5.7	5.4	6.3	6.0	2.7	6.3
OSPREY	5.3	8.8	7.7	8.7	6.8	5.3	6.3	4.6	4.7	5.7	7.8	7.3	5.1	6.4	5.7	5.7	6.7	6.0	3.0	6.2
ABT-CHW-1	6.0	8.2	7.9	8.7	6.7	4.0	6.7	6.0	7.3	.	5.0	7.0	5.9	6.2	4.9	6.3	6.3	6.7	4.0	6.2
BRITTANY	5.8	7.7	7.6	8.3	6.8	4.7	7.0	5.9	8.3	6.0	6.6	7.3	6.0	5.7	5.3	5.2	6.3	5.7	3.3	6.2
PATHFINDER	5.0	7.8	7.7	8.3	6.8	5.7	7.7	6.1	7.3	6.7	7.3	7.0	6.4	5.1	5.1	4.6	6.0	5.7	3.0	6.2
RESCUE 911	5.1	8.5	7.9	8.3	6.9	6.0	6.3	5.3	3.7	5.3	7.0	7.0	5.3	7.4	5.3	5.8	5.3	5.7	3.0	6.2
SHADOW II	6.0	8.5	5.1	9.0	6.7	6.0	7.0	6.0	6.3	6.7	6.3	7.0	5.9	6.4	5.2	5.7	6.0	6.7	4.0	6.2
ASR 049	5.4	8.0	7.6	1.0	6.4	5.3	5.0	6.1	7.7	7.0	6.5	7.3	6.1	6.0	5.2	6.3	7.0	6.3	4.3	6.2
BAR SCF 8 FUS3	5.8	7.0	7.1	7.3	6.8	5.3	7.0	5.6	6.3	5.7	6.4	7.0	6.0	6.2	5.1	6.2	6.3	6.7	3.7	6.2

TABLE 11A. (CONT'D)

 SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
BAR CHF 8 FUS2	5.7	7.7	7.9	7.7	6.6	5.3	7.0	5.7	6.3	7.0	5.8	7.7	6.3	6.1	5.3	5.2	6.3	6.3	3.3	6.2
JAMESTOWN II	5.2	6.7	7.2	7.7	6.4	5.7	7.3	5.6	6.3	6.0	7.3	8.0	6.3	5.3	5.3	5.4	6.3	6.0	4.0	6.2
SILHOUETTE (PICK FRC 4-92)	5.7	8.2	7.2	8.3	6.9	6.0	6.7	5.8	7.7	6.3	5.1	7.7	6.2	5.8	5.1	5.9	7.3	5.7	3.0	6.2
SCALDIS	5.1	8.2	8.3	7.7	7.0	5.0	6.3	4.8	4.0	5.3	6.8	7.3	5.6	6.6	5.3	5.8	6.0	6.0	2.7	6.2
SR 3200	5.0	7.7	8.3	8.0	6.8	5.7	5.0	4.3	4.7	5.0	7.9	7.7	6.0	6.1	5.8	5.1	5.0	4.3	3.0	6.2
TIFFANY	5.7	7.5	6.8	8.0	6.4	6.3	6.7	5.8	7.7	6.7	5.9	7.3	6.2	5.8	5.1	5.4	5.3	6.0	3.3	6.1
CULOMBRA	5.3	8.2	8.2	8.0	6.7	5.3	7.0	6.0	6.3	6.0	5.0	7.7	5.8	5.7	5.1	5.7	5.3	6.0	3.7	6.1
PST-4FR	4.7	7.5	8.1	8.0	6.8	5.0	7.0	5.7	7.7	6.0	7.0	6.7	6.3	5.3	4.7	4.7	6.0	6.0	3.0	6.1
MB-82	5.3	8.5	6.9	8.7	6.9	6.7	5.0	4.6	5.3	5.0	7.3	7.0	4.8	6.8	5.8	5.3	6.7	5.7	3.0	6.1
BIGHORN	5.2	8.2	8.1	7.3	6.8	5.7	6.3	4.8	5.3	5.7	7.7	6.7	5.6	6.3	5.0	5.2	5.0	4.3	2.3	6.1
DEFIANT	5.3	8.3	8.3	7.3	6.7	5.7	6.0	4.6	3.3	4.7	6.9	6.3	5.9	6.0	5.3	5.8	5.7	5.3	2.7	6.1
ABT-CR-2	5.9	7.3	8.2	8.0	6.6	5.7	7.0	5.2	6.7	6.3	5.3	6.7	6.8	5.4	4.9	5.0	6.7	5.7	3.0	6.1
ABT-CR-3	5.9	7.3	7.8	9.0	6.6	6.0	7.0	5.9	8.0	6.0	5.3	7.3	6.3	5.4	4.8	4.8	6.7	5.7	2.7	6.1
NAVIGATOR (CIS FRR 5)	5.2	8.3	8.7	7.3	6.6	6.0	6.7	5.8	8.3	6.3	4.8	6.7	6.2	5.6	5.1	4.4	6.3	6.0	3.0	6.0
SALSA	4.6	7.2	7.9	7.0	6.6	5.3	5.0	6.1	6.3	5.3	6.9	7.0	6.5	5.1	5.0	5.0	5.3	6.3	3.7	6.0
BARGENA III (BAR CF 8 FUS1)	5.0	7.3	7.4	8.3	6.6	4.7	7.0	5.2	7.3	5.3	7.1	7.3	6.6	4.7	5.1	4.4	5.3	5.3	3.0	6.0
BANNER III	5.6	7.3	6.3	8.0	6.7	6.0	7.3	5.8	7.0	6.0	6.6	7.0	5.4	6.0	5.0	5.6	5.7	5.7	3.3	6.0
SEABREEZE	5.0	8.0	6.7	7.3	6.6	4.3	7.0	6.1	6.0	7.0	6.6	7.0	6.0	5.2	4.7	5.4	5.3	6.0	3.0	6.0
SHADEMASTER II	4.8	7.3	7.9	7.3	6.6	5.7	7.0	5.9	7.7	6.3	5.3	7.0	6.8	5.2	5.2	4.6	6.0	6.0	3.0	6.0
SRX 52961	5.3	7.3	8.0	7.3	6.9	6.0	6.7	5.7	7.0	6.3	4.6	8.0	6.7	5.2	5.0	4.7	6.0	6.0	3.0	6.0
ABERDEEN (PST-EFL)	5.1	7.8	8.0	8.7	6.4	5.0	7.0	6.2	7.0	6.0	4.8	7.0	6.4	5.6	4.8	4.6	5.0	5.3	3.0	5.9
DAWSON E+	5.3	7.2	7.3	1.0	6.4	5.3	6.3	6.1	6.3	5.7	5.9	7.3	6.1	5.7	4.3	6.0	5.7	6.3	3.7	5.9
SR 6000	5.2	6.8	7.3	4.7	6.7	5.0	5.7	5.1	2.7	2.7	6.7	8.0	5.6	5.4	4.3	5.9	6.7	6.0	6.0	5.8
SHADEMARK	4.7	7.0	8.2	7.7	6.6	4.7	6.7	5.8	7.0	6.0	5.8	6.7	6.7	4.6	4.8	4.3	5.7	5.0	3.0	5.8
CINDY LOU (CIS FRR 7)	4.7	7.3	8.0	7.3	6.8	5.0	7.0	6.0	8.0	6.0	3.9	7.0	6.3	5.4	5.1	4.8	6.0	5.7	3.3	5.8
DGSC 94	4.6	7.8	8.2	8.7	6.4	4.7	6.3	6.2	7.0	5.3	5.3	7.3	6.1	4.9	4.9	4.3	5.3	4.7	2.7	5.8
INVERNESS (PST-47TCR)	4.6	7.5	7.9	7.3	6.3	5.0	6.7	5.8	7.0	6.0	4.8	6.0	6.7	5.0	5.1	4.9	5.7	6.0	2.3	5.8
BOREAL	4.4	7.2	7.7	6.7	6.8	5.0	6.0	6.4	6.0	4.0	5.6	7.3	6.4	4.8	4.8	4.2	5.3	5.3	3.0	5.7
ACF 083	4.7	8.7	6.4	7.0	6.6	6.0	6.0	5.7	8.0	6.3	3.6	7.3	6.2	5.7	5.2	5.2	6.0	6.3	3.3	5.7
ROSE (ASC 087)	5.0	7.3	7.1	7.3	6.4	4.3	5.3	5.4	5.7	6.3	6.0	7.0	6.5	4.6	4.8	4.1	5.3	5.3	3.0	5.7
ASC 082	4.6	7.2	8.1	7.0	6.3	4.7	6.7	5.1	7.7	5.0	4.8	7.3	6.3	5.0	5.1	3.7	6.0	5.0	2.7	5.6
FLORENTINE	3.9	7.0	7.3	8.3	6.4	6.0	6.3	5.8	7.7	6.3	4.2	6.3	6.1	4.9	5.0	5.0	6.0	5.7	3.0	5.6
COMMON CREEPING RED	4.0	6.5	7.4	6.3	6.4	4.7	5.3	5.8	5.0	5.3	5.8	8.3	5.8	4.3	4.8	4.2	5.3	5.0	3.0	5.5
SR 5210 (SRX 52LAV)	4.1	7.0	8.6	7.7	6.6	5.3	6.7	4.9	7.3	6.3	3.5	6.3	6.1	4.9	5.1	3.7	5.0	5.3	2.7	5.4
ASC 172	3.8	6.2	6.5	7.3	6.2	3.7	6.0	5.1	6.0	4.7	4.3	5.7	6.1	4.9	4.6	3.8	5.3	4.7	2.0	5.1
LSD VALUE	1.2	1.1	1.7	1.0	0.9	1.8	1.6	1.2	3.0	1.7	3.1	1.3	1.3	1.0	0.9	1.1	1.0	1.0	0.7	0.5
C.V. (%)	14.7	8.8	13.4	7.7	8.1	20.6	15.3	13.8	28.9	18.2	29.6	11.3	13.6	10.1	10.5	12.5	10.1	10.2	14.3	15.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11B.

SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
LONGFELLOW II	6.6	8.3	8.0	8.7	6.9	5.3	7.0	5.8	7.7	5.7	5.8	7.0	6.5	6.9	5.3	6.3	6.7	6.3	4.7	6.6
TREASURE (E)	6.2	8.2	7.3	8.0	7.1	6.0	7.0	6.2	7.3	7.0	6.6	7.7	6.3	6.4	5.3	6.4	6.0	6.0	3.7	6.5
ABT-CHW-2	5.7	8.5	7.4	9.0	7.0	5.0	6.7	5.8	6.0	6.0	7.6	8.0	6.2	6.3	5.1	6.4	6.0	5.7	3.7	6.5
MAGIC	5.7	8.2	8.2	8.0	6.6	6.0	7.0	5.8	8.3	6.3	7.9	7.3	6.0	6.1	5.0	5.7	6.0	6.0	3.3	6.5
BRIDGEPORT	5.4	8.3	8.0	8.7	6.6	5.7	7.3	6.0	5.3	7.3	6.9	7.3	6.5	5.8	5.4	5.8	6.3	6.0	3.3	6.5
INTRIGUE	5.4	8.5	6.8	8.7	6.7	5.7	6.3	5.9	7.0	7.0	7.2	7.7	6.0	6.8	5.4	5.9	7.0	5.3	3.7	6.4
MB-63	5.4	8.7	8.2	8.7	6.6	5.7	7.3	6.1	8.3	6.7	6.8	6.3	6.0	5.7	5.6	5.1	5.7	5.3	3.0	6.4
AMBROSE (ABT-CHW-3)	6.2	8.3	7.0	8.7	6.3	6.3	7.7	5.7	7.3	6.0	6.8	8.0	5.3	6.7	4.9	6.3	6.7	6.0	3.7	6.4
WRIGLEY (ACF 092)	5.2	8.0	8.0	7.3	6.7	6.0	6.7	5.7	7.0	6.7	6.6	7.0	6.5	6.0	5.6	5.8	6.0	6.0	3.0	6.3
SR 5100	5.9	8.2	7.6	8.0	6.4	4.7	7.3	6.0	7.3	6.0	7.3	7.3	5.5	5.7	5.4	5.8	6.3	6.0	3.7	6.3
AMBASSADOR	6.3	7.8	7.4	9.0	6.8	6.0	7.0	6.2	7.3	5.7	4.8	7.0	6.1	6.8	4.9	6.2	7.3	6.3	3.3	6.3
PICK FRC A-93	5.6	8.5	7.9	9.0	6.9	5.3	7.0	5.8	6.7	6.3	5.8	6.7	5.9	6.4	5.2	5.8	6.3	6.0	3.0	6.3
SANDPIPER	5.9	8.3	8.4	8.3	6.8	5.7	6.7	5.7	7.0	6.3	5.0	7.7	6.1	5.4	5.4	5.8	7.0	6.0	3.3	6.3
ABT-CHW-1	6.0	8.2	7.9	8.7	6.7	4.0	6.7	6.0	7.3	.	5.0	7.0	5.9	6.2	4.9	6.3	6.3	6.7	4.0	6.2
BRITTANY	5.8	7.7	7.6	8.3	6.8	4.7	7.0	5.9	8.3	6.0	6.6	7.3	6.0	5.7	5.3	5.2	6.3	5.7	3.3	6.2
SHADOW II	6.0	8.5	5.1	9.0	6.7	6.0	7.0	6.0	6.3	6.7	6.3	7.0	5.9	6.4	5.2	5.7	6.0	6.7	4.0	6.2
BAR CHF 8 FUS2	5.7	7.7	7.9	7.7	6.6	5.3	7.0	5.7	6.3	7.0	5.8	7.7	6.3	6.1	5.3	5.2	6.3	6.3	3.3	6.2
JAMESTOWN II	5.2	6.7	7.2	7.7	6.4	5.7	7.3	5.6	6.3	6.0	7.3	8.0	6.3	5.3	5.3	5.4	6.3	6.0	4.0	6.2
SILHOUETTE (PICK FRC 4-92)	5.7	8.2	7.2	8.3	6.9	6.0	6.7	5.8	7.7	6.3	5.1	7.7	6.2	5.8	5.1	5.9	7.3	5.7	3.0	6.2
TIFFANY	5.7	7.5	6.8	8.0	6.4	6.3	6.7	5.8	7.7	6.7	5.9	7.3	6.2	5.8	5.1	5.4	5.3	6.0	3.3	6.1
CULOMBRA	5.3	8.2	8.2	8.0	6.7	5.3	7.0	6.0	6.3	6.0	5.0	7.7	5.8	5.7	5.1	5.7	5.3	6.0	3.7	6.1
BANNER III	5.6	7.3	6.3	8.0	6.7	6.0	7.3	5.8	7.0	6.0	6.6	7.0	5.4	6.0	5.0	5.6	5.7	5.7	3.3	6.0
ACF 083	4.7	8.7	6.4	7.0	6.6	6.0	6.0	5.7	8.0	6.3	3.6	7.3	6.2	5.7	5.2	5.2	6.0	6.3	3.3	5.7
LSD VALUE	1.1	1.2	2.1	0.9	0.9	1.8	1.3	1.0	2.7	1.2	3.5	1.4	1.3	1.1	0.9	1.1	0.9	0.7	0.8	0.5
C.V. (%)	12.8	8.9	18.2	6.7	8.1	19.8	11.4	11.4	23.5	12.1	35.8	12.3	13.1	11.2	11.4	12.3	8.8	7.8	15.0	16.7

TABLE 11C.

SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
ASR 049	5.4	8.0	7.6	1.0	6.4	5.3	5.0	6.1	7.7	7.0	6.5	7.3	6.1	6.0	5.2	6.3	7.0	6.3	4.3	6.2
BAR SCF 8 FUS3	5.8	7.0	7.1	7.3	6.8	5.3	7.0	5.6	6.3	5.7	6.4	7.0	6.0	6.2	5.1	6.2	6.3	6.7	3.7	6.2
SEABREEZE	5.0	8.0	6.7	7.3	6.6	4.3	7.0	6.1	6.0	7.0	6.6	7.0	6.0	5.2	4.7	5.4	5.3	6.0	3.0	6.0
DAWSON E+	5.3	7.2	7.3	1.0	6.4	5.3	6.3	6.1	6.3	5.7	5.9	7.3	6.1	5.7	4.3	6.0	5.7	6.3	3.7	5.9
LSD VALUE	0.9	1.0	2.0	1.0	0.8	2.0	1.2	1.1	2.3	2.4	1.7	1.3	1.1	0.9	0.8	1.1	0.8	1.1	0.8	0.4
C.V. (%)	11.0	8.6	17.1	15.5	7.3	24.8	12.1	12.2	21.5	23.2	18.8	11.4	10.5	10.1	10.5	11.6	8.2	11.2	13.6	13.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 11D.

SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
JASPER II	5.7	8.3	8.1	9.0	6.8	5.0	6.7	5.8	8.0	6.3	7.6	7.0	6.5	5.7	5.1	4.9	6.0	6.7	3.7	6.4
PATHFINDER	5.0	7.8	7.7	8.3	6.8	5.7	7.7	6.1	7.3	6.7	7.3	7.0	6.4	5.1	5.1	4.6	6.0	5.7	3.0	6.2
PST-4FR	4.7	7.5	8.1	8.0	6.8	5.0	7.0	5.7	7.7	6.0	7.0	6.7	6.3	5.3	4.7	4.7	6.0	6.0	3.0	6.1
ABT-CR-2	5.9	7.3	8.2	8.0	6.6	5.7	7.0	5.2	6.7	6.3	5.3	6.7	6.8	5.4	4.9	5.0	6.7	5.7	3.0	6.1
ABT-CR-3	5.9	7.3	7.8	9.0	6.6	6.0	7.0	5.9	8.0	6.0	5.3	7.3	6.3	5.4	4.8	4.8	6.7	5.7	2.7	6.1
NAVIGATOR (CIS FRR 5)	5.2	8.3	8.7	7.3	6.6	6.0	6.7	5.8	8.3	6.3	4.8	6.7	6.2	5.6	5.1	4.4	6.3	6.0	3.0	6.0
SALSA	4.6	7.2	7.9	7.0	6.6	5.3	5.0	6.1	6.3	5.3	6.9	7.0	6.5	5.1	5.0	5.0	5.3	6.3	3.7	6.0
BARGENA III (BAR CF 8 FUS1)	5.0	7.3	7.4	8.3	6.6	4.7	7.0	5.2	7.3	5.3	7.1	7.3	6.6	4.7	5.1	4.4	5.3	5.3	3.0	6.0
SHADEMASTER II	4.8	7.3	7.9	7.3	6.6	5.7	7.0	5.9	7.7	6.3	5.3	7.0	6.8	5.2	5.2	4.6	6.0	6.0	3.0	6.0
SRX 52961	5.3	7.3	8.0	7.3	6.9	6.0	6.7	5.7	7.0	6.3	4.6	8.0	6.7	5.2	5.0	4.7	6.0	6.0	3.0	6.0
ABERDEEN (PST-EFL)	5.1	7.8	8.0	8.7	6.4	5.0	7.0	6.2	7.0	6.0	4.8	7.0	6.4	5.6	4.8	4.6	5.0	5.3	3.0	5.9
SHADEMARK	4.7	7.0	8.2	7.7	6.6	4.7	6.7	5.8	7.0	6.0	5.8	6.7	6.7	4.6	4.8	4.3	5.7	5.0	3.0	5.8
CINDY LOU (CIS FRR 7)	4.7	7.3	8.0	7.3	6.8	5.0	7.0	6.0	8.0	6.0	3.9	7.0	6.3	5.4	5.1	4.8	6.0	5.7	3.3	5.8
DGSC 94	4.6	7.8	8.2	8.7	6.4	4.7	6.3	6.2	7.0	5.3	5.3	7.3	6.1	4.9	4.9	4.3	5.3	4.7	2.7	5.8
INVERNESS (PST-47TCR)	4.6	7.5	7.9	7.3	6.3	5.0	6.7	5.8	7.0	6.0	4.8	6.0	6.7	5.0	5.1	4.9	5.7	6.0	2.3	5.8
BOREAL	4.4	7.2	7.7	6.7	6.8	5.0	6.0	6.4	6.0	4.0	5.6	7.3	6.4	4.8	4.8	4.2	5.3	5.3	3.0	5.7
ROSE (ASC 087)	5.0	7.3	7.1	7.3	6.4	4.3	5.3	5.4	5.7	6.3	6.0	7.0	6.5	4.6	4.8	4.1	5.3	5.3	3.0	5.7
ASC 082	4.6	7.2	8.1	7.0	6.3	4.7	6.7	5.1	7.7	5.0	4.8	7.3	6.3	5.0	5.1	3.7	6.0	5.0	2.7	5.6
FLORENTINE	3.9	7.0	7.3	8.3	6.4	6.0	6.3	5.8	7.7	6.3	4.2	6.3	6.1	4.9	5.0	5.0	6.0	5.7	3.0	5.6
COMMON CREEPING RED	4.0	6.5	7.4	6.3	6.4	4.7	5.3	5.8	5.0	5.3	5.8	8.3	5.8	4.3	4.8	4.2	5.3	5.0	3.0	5.5
SR 5210 (SRX 52LAV)	4.1	7.0	8.6	7.7	6.6	5.3	6.7	4.9	7.3	6.3	3.5	6.3	6.1	4.9	5.1	3.7	5.0	5.3	2.7	5.4
ASC 172	3.8	6.2	6.5	7.3	6.2	3.7	6.0	5.1	6.0	4.7	4.3	5.7	6.1	4.9	4.6	3.8	5.3	4.7	2.0	5.1
LSD VALUE	1.2	1.3	1.4	0.8	0.8	1.9	1.5	1.4	2.1	2.0	3.9	1.3	1.2	0.9	0.8	1.0	0.9	0.9	0.7	0.6
C.V. (%)	15.7	10.7	10.9	6.4	7.6	23.1	14.2	15.5	18.5	20.9	46.0	11.6	11.4	11.7	9.9	14.3	9.8	10.6	13.9	18.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11E.

SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
OXFORD	5.9	9.0	8.7	8.7	6.6	6.0	7.0	5.2	6.3	6.7	7.6	8.0	5.5	7.1	5.7	6.6	6.3	6.7	3.0	6.7
VIKING (ABT-HF1)	6.0	8.8	8.6	9.0	7.1	5.7	6.0	5.2	7.0	6.0	7.5	7.3	5.5	7.2	5.7	6.2	6.7	6.3	3.3	6.6
ABT-HF-2	5.9	8.5	8.3	8.7	7.1	5.7	6.0	4.8	7.7	5.0	8.3	7.7	5.4	7.4	5.9	5.8	6.0	6.3	3.0	6.6
BERKSHIRE (4001)	5.9	9.0	8.2	9.0	7.0	6.3	6.3	5.2	4.3	6.3	6.9	7.7	5.7	7.7	5.8	6.4	6.7	6.3	3.0	6.6
NORDIC (E)	5.8	8.8	8.3	9.0	6.8	6.0	6.3	5.7	7.3	5.7	7.8	7.3	5.3	7.3	5.7	5.8	6.7	6.3	2.7	6.6
HARDTOP (BAR HF 8 FUS)	6.2	8.8	8.4	8.7	6.7	6.7	6.3	5.0	6.3	6.3	7.8	7.0	5.7	6.7	5.4	5.8	6.0	6.7	2.7	6.5
SRX 3961	5.1	8.8	8.1	8.3	7.1	6.0	5.7	5.0	7.3	6.3	7.7	7.3	5.6	7.3	5.6	6.3	6.3	6.3	3.3	6.5
ABT-HF-4	5.6	7.5	8.4	8.3	6.8	6.0	6.0	5.1	4.7	5.7	8.3	7.0	5.7	7.1	5.4	6.4	6.0	6.0	3.3	6.5
DISCOVERY	5.8	8.3	7.7	8.0	7.0	6.7	7.0	4.9	7.7	5.3	7.8	7.3	5.3	7.2	5.7	5.9	6.3	6.0	3.3	6.5
CHARIOT (CIS FL 12)	5.4	8.3	8.3	8.3	6.9	5.0	5.7	5.1	6.0	6.0	7.8	8.0	5.8	6.8	5.8	5.8	6.3	6.3	3.0	6.5
RELIANT II	5.6	8.7	7.9	8.3	6.8	4.7	5.3	5.0	5.0	5.3	8.6	7.0	6.0	7.0	5.6	6.2	6.0	5.7	3.0	6.5
STONEHENGE (AHF 009)	5.7	8.8	8.6	7.3	6.8	5.7	6.3	4.6	4.3	5.3	8.3	7.3	6.0	6.6	5.9	5.7	6.0	6.0	2.7	6.5
MINOTAUR	5.0	8.2	8.3	7.7	6.9	6.3	5.7	5.0	7.7	5.7	7.7	7.3	6.7	7.0	5.6	5.0	6.3	5.3	3.0	6.5
ABT-HF-3	6.1	8.3	8.4	8.7	7.1	6.3	5.7	5.1	6.0	6.0	7.9	8.0	5.2	7.2	5.3	5.4	5.7	5.7	2.7	6.5
HERON	5.6	8.2	8.0	8.3	7.1	6.7	6.3	5.1	4.3	6.0	8.0	7.7	5.4	6.8	5.3	6.3	6.7	5.3	3.0	6.5
EUREKA II (CIS FL 11)	4.8	9.0	8.3	8.0	7.1	5.7	5.7	4.9	7.3	5.3	7.8	7.0	6.1	6.4	5.8	5.7	5.0	6.0	2.3	6.4
PICK FF A-97	4.9	8.5	8.9	8.3	6.9	6.0	6.7	5.6	6.3	5.7	7.1	6.7	5.2	6.8	5.4	5.8	6.0	5.7	3.0	6.3
ATTILA E	5.3	7.8	8.7	8.0	6.9	5.7	4.7	5.1	5.0	4.7	7.8	8.0	5.3	6.7	5.3	5.3	5.7	5.7	2.7	6.3
PST-4HM	5.3	9.0	8.4	7.7	6.9	6.7	6.3	5.0	5.0	5.3	4.3	7.3	6.4	7.2	5.8	6.2	6.3	5.7	3.0	6.3
SCALDIS II (AHF 008)	5.0	8.5	7.8	8.0	6.4	5.7	6.0	5.1	4.0	5.3	7.8	7.3	5.6	6.6	5.7	5.4	6.3	6.0	2.7	6.3
OSPREY	5.3	8.8	7.7	8.7	6.8	5.3	6.3	4.6	4.7	5.7	7.8	7.3	5.1	6.4	5.7	5.7	6.7	6.0	3.0	6.2
RESCUE 911	5.1	8.5	7.9	8.3	6.9	6.0	6.3	5.3	3.7	5.3	7.0	7.0	5.3	7.4	5.3	5.8	5.3	5.7	3.0	6.2
SCALDIS	5.1	8.2	8.3	7.7	7.0	5.0	6.3	4.8	4.0	5.3	6.8	7.3	5.6	6.6	5.3	5.8	6.0	6.0	2.7	6.2
MB-82	5.3	8.5	6.9	8.7	6.9	6.7	5.0	4.6	5.3	5.0	7.3	7.0	4.8	6.8	5.8	5.3	6.7	5.7	3.0	6.1
BIGHORN	5.2	8.2	8.1	7.3	6.8	5.7	6.3	4.8	5.3	5.7	7.7	6.7	5.6	6.3	5.0	5.2	5.0	4.3	2.3	6.1
DEFIANT	5.3	8.3	8.3	7.3	6.7	5.7	6.0	4.6	3.3	4.7	6.9	6.3	5.9	6.0	5.3	5.8	5.7	5.3	2.7	6.1
LSD VALUE	1.2	0.9	1.3	1.2	0.9	1.8	1.8	1.1	3.6	1.7	1.9	1.2	1.5	0.9	0.9	1.0	1.1	1.1	0.7	0.4
C.V. (%)	14.9	6.7	10.3	8.7	7.8	18.8	18.9	15.0	39.7	19.1	15.4	10.2	15.8	8.3	9.8	11.0	11.4	11.7	14.6	13.1

TABLE 11F.

SPRING DENSITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC1	NC2	NE1	NS1	OK1	PA1	QE1	SD1	WA3	WI1	WI2	MEAN
PST-4MB	6.0	8.2	8.4	8.3	7.0	6.3	6.3	5.0	6.0	6.3	7.8	7.0	6.5	6.8	5.2	5.2	5.3	4.7	2.7	6.5
QUATRO	5.9	7.8	8.1	5.0	6.8	5.7	6.7	4.7	6.3	5.3	8.0	7.7	5.6	6.6	5.1	6.1	6.3	5.3	3.7	6.3
SR 3200	5.0	7.7	8.3	8.0	6.8	5.7	5.0	4.3	4.7	5.0	7.9	7.7	6.0	6.1	5.8	5.1	5.0	4.3	3.0	6.2
SR 6000	5.2	6.8	7.3	4.7	6.7	5.0	5.7	5.1	2.7	2.7	6.7	8.0	5.6	5.4	4.3	5.9	6.7	6.0	6.0	5.8
LSD VALUE	1.4	1.3	1.1	1.0	1.2	2.0	2.1	1.0	5.0	1.8	2.0	1.3	1.4	0.9	0.9	1.3	1.1	0.8	0.7	0.5
C.V. (%)	17.7	10.2	8.8	9.9	10.7	21.6	22.4	13.0	62.7	23.1	16.3	10.8	13.9	8.8	11.0	14.3	12.1	9.8	10.6	15.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12A.

SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	MEAN
LONGFELLOW II	8.5	7.2	8.3	6.3	2.7	7.0	7.2	4.3	7.2	7.7	7.0	3.8	6.0	5.3	6.6	5.5	5.2	6.3	6.3	6.5
VIKING (ABT-HF1)	9.0	7.4	7.3	6.9	2.7	5.7	6.1	4.3	7.4	8.0	7.0	2.5	6.7	5.3	6.7	5.8	6.5	5.7	4.7	6.5
BERKSHIRE (4001)	8.8	7.7	6.7	7.0	3.7	5.7	6.3	4.0	6.7	7.3	7.3	2.2	6.7	5.3	6.4	5.7	5.7	6.3	4.7	6.4
TREAZURE (E)	8.2	7.2	7.3	7.0	5.0	6.7	7.6	3.7	7.3	8.0	8.0	3.5	6.3	5.0	5.9	4.7	5.7	6.3	5.3	6.4
JASPER II	8.8	7.3	7.8	6.9	2.3	6.7	7.6	4.3	8.1	7.0	7.0	3.8	4.7	4.6	6.0	5.0	6.2	6.3	4.7	6.4
ABT-CHW-2	8.3	6.7	8.2	6.4	3.3	7.3	6.8	4.0	8.1	8.0	7.3	3.2	5.0	5.2	6.4	4.7	5.0	6.3	5.7	6.3
OXFORD	8.8	7.2	7.3	7.0	4.0	6.0	6.4	4.3	7.0	6.7	6.7	2.5	7.0	5.1	6.4	5.0	5.5	6.0	4.0	6.3
NORDIC (E)	8.5	6.9	7.2	6.6	3.3	6.7	7.0	4.0	7.4	8.0	6.7	2.3	7.0	5.4	6.3	4.8	5.0	5.7	4.3	6.3
SRX 3961	8.5	6.8	7.2	6.7	4.0	5.7	6.2	3.3	7.0	8.0	7.0	2.2	7.3	5.5	6.3	4.7	5.2	6.7	5.3	6.3
WRIGLEY (ACF 092)	8.0	7.3	6.3	6.7	4.7	7.0	7.0	5.0	7.0	7.3	7.0	3.7	6.3	5.3	5.8	4.5	5.5	5.0	4.3	6.2
ABT-HF-2	8.8	6.3	7.3	6.8	4.7	6.0	6.6	4.7	7.4	6.3	7.0	2.7	7.0	5.4	5.3	5.3	5.3	6.0	3.0	6.2
ABERDEEN (PST-EFL)	8.8	7.4	7.2	6.4	4.0	6.7	7.2	4.3	5.8	6.7	7.0	3.5	5.3	5.0	6.0	4.8	6.2	5.3	4.7	6.2
STONEHENGE (AHF 009)	8.2	6.9	5.8	7.3	4.3	5.3	6.6	4.0	7.3	7.7	7.0	2.5	6.3	5.5	5.8	4.5	5.8	6.0	3.3	6.2
INTRIGUE	8.3	6.1	8.0	6.8	3.3	7.0	6.9	4.0	7.4	8.0	6.7	2.5	5.3	5.3	5.9	5.2	5.3	6.3	5.0	6.2
PST-4MB	8.7	7.2	6.5	6.9	4.3	6.3	6.1	3.7	7.6	7.7	6.7	1.0	6.7	4.8	5.3	5.0	5.7	5.7	3.7	6.2
RESCUE 911	8.2	6.7	6.0	7.0	3.3	7.0	6.2	5.0	7.4	7.3	7.0	2.3	7.0	5.2	5.4	4.7	5.8	6.0	4.0	6.2
CHARIOT (CIS FL 12)	8.5	7.3	7.0	6.4	2.0	5.7	6.6	3.7	7.6	7.3	6.7	2.6	6.7	5.4	5.3	5.2	6.5	6.0	4.0	6.2
BRIDGEPORT	8.5	6.6	6.8	6.4	4.3	7.3	7.4	4.7	7.7	8.0	7.0	3.5	6.0	4.9	5.6	5.2	4.3	5.3	5.0	6.2
AMBROSE (ABT-CHW-3)	8.0	6.7	7.7	6.1	3.7	7.7	6.8	4.7	7.6	8.3	7.0	2.8	6.0	4.9	6.0	4.7	6.2	6.0	4.7	6.2
ABT-HF-4	8.7	7.7	6.3	6.9	3.3	5.3	6.7	4.0	7.0	6.0	7.3	2.0	7.0	5.0	6.0	4.8	6.0	5.3	3.3	6.1
SHADOW II	8.5	5.9	7.5	6.1	4.0	7.0	7.4	4.0	7.2	7.7	6.7	2.6	5.7	5.2	6.1	4.8	6.0	5.7	4.3	6.1
PST-4HM	8.5	7.2	6.5	6.7	3.3	6.0	6.3	3.0	5.6	7.3	7.0	2.9	6.7	5.7	6.0	4.3	5.0	6.0	3.7	6.1
ABT-CHW-1	8.5	6.8	6.8	6.2	2.0	7.0	7.1	.	6.9	7.7	7.0	2.3	5.7	4.8	6.6	4.2	5.3	6.0	5.3	6.1
ABT-HF-3	8.5	6.9	6.5	6.9	3.3	6.3	6.6	4.0	7.7	7.3	6.7	2.3	6.7	5.0	5.7	4.5	6.0	5.0	3.0	6.1
ABT-CR-3	8.3	6.9	7.5	6.3	4.7	7.0	7.0	4.7	6.4	6.7	7.0	4.2	5.3	4.7	5.9	4.0	5.7	6.0	4.7	6.1
PICK FRC A-93	8.5	6.2	7.5	6.6	4.3	6.7	6.9	3.7	6.9	7.0	7.0	3.0	5.3	5.1	6.0	4.7	5.5	5.3	4.0	6.1
SR 5100	8.2	6.7	7.2	6.6	2.3	7.3	6.4	5.0	7.7	7.7	6.7	2.5	6.0	5.2	5.4	4.0	5.8	6.3	5.3	6.1
PICK FF A-97	8.3	7.2	5.5	6.4	4.0	6.0	6.2	4.7	6.9	7.7	7.0	2.3	6.3	5.3	5.9	5.2	5.5	5.7	3.7	6.1
OSPREY	8.7	6.4	6.8	6.8	3.3	5.7	6.2	3.0	7.4	6.3	6.7	2.0	6.0	5.4	5.4	5.2	5.0	5.7	3.3	6.1
HERON	8.3	6.6	6.3	6.6	4.3	6.0	5.9	3.7	7.8	7.3	7.0	2.2	6.3	4.9	6.4	5.0	6.0	6.0	3.7	6.1
RELIANT II	8.5	6.6	6.2	6.6	2.0	5.3	6.1	4.0	7.9	7.3	6.7	2.3	7.0	5.3	5.9	5.3	5.8	6.3	4.0	6.1
DISCOVERY	8.5	6.2	6.8	6.9	5.0	6.3	6.4	4.0	6.8	6.7	6.7	2.0	6.3	5.2	5.4	5.0	5.3	5.7	4.7	6.1
MINOTAUR	8.5	6.9	5.2	7.0	4.7	5.3	5.9	3.3	7.4	7.0	7.0	1.0	6.7	5.0	5.1	4.3	5.2	5.0	2.7	6.1
AMBASSADOR	7.8	6.6	6.8	6.7	3.7	7.0	6.9	4.0	6.3	8.0	7.3	3.0	5.7	4.9	6.2	4.0	5.2	5.7	5.3	6.0
ATTILA E	8.2	7.3	5.7	6.6	2.3	5.0	6.3	3.7	7.6	7.0	6.7	2.3	6.0	5.1	6.0	4.8	5.7	5.7	4.0	6.0
SRX 52961	8.2	6.6	7.8	6.7	2.7	6.3	7.2	4.3	5.1	7.3	6.3	4.0	5.0	4.8	5.9	4.5	5.7	6.3	5.0	6.0
HARDTOP (BAR HF 8 FUS)	8.2	6.9	6.0	6.6	4.3	6.0	6.4	3.3	7.1	7.3	6.3	2.2	7.0	5.0	5.8	4.7	5.5	5.7	3.0	6.0
SCALDIS II (AHF 008)	8.3	6.3	5.8	6.7	3.0	5.3	6.4	3.0	7.2	7.3	7.0	2.2	6.3	5.3	5.3	5.5	5.8	5.7	3.7	6.0
CINDY LOU (CIS FRR 7)	8.5	7.6	7.5	6.2	3.0	6.0	7.4	4.0	5.4	6.3	6.7	4.2	5.3	4.9	5.6	4.7	5.0	6.3	5.0	6.0
MAGIC	7.5	6.6	7.2	6.2	4.3	7.3	6.6	4.3	7.9	8.0	7.3	3.0	5.7	4.9	5.1	4.5	4.8	5.3	4.7	6.0
BANNER III	8.5	5.4	7.2	6.6	5.0	6.7	7.2	4.7	6.9	7.7	7.0	2.3	6.0	5.1	5.1	4.5	4.8	5.3	4.3	6.0
PST-4FR	8.7	6.2	7.2	6.4	4.7	7.0	7.2	4.3	7.0	5.0	7.0	2.8	4.0	4.9	5.7	4.5	5.5	4.0	3.0	6.0
QUATRO	8.0	6.8	4.5	6.7	2.7	6.0	6.0	4.7	8.0	7.7	6.7	2.3	6.0	5.1	5.7	3.7	6.0	5.3	3.3	6.0
SALSA	8.0	6.7	7.7	6.4	4.7	4.7	7.3	5.0	7.8	6.7	7.7	3.0	4.0	4.6	5.7	4.2	5.3	4.3	2.7	6.0

TABLE 12A. (CONT'D)

SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/																				MEAN
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2		
PATHFINDER	8.2	6.9	7.3	6.1	4.3	7.0	7.4	4.0	7.6	6.0	7.0	4.0	3.7	4.7	5.4	3.8	6.0	3.7	3.3	6.0	
EUREKA II (CIS FL 11)	7.7	7.2	6.3	6.7	3.3	6.0	6.0	4.7	7.6	7.3	6.7	2.8	6.3	5.3	5.3	4.8	5.7	5.7	3.7	5.9	
NAVIGATOR (CIS FRR 5)	8.7	7.6	7.0	6.1	3.3	6.7	6.9	5.0	5.8	6.3	7.0	3.5	5.3	4.6	5.4	3.8	5.7	6.3	4.7	5.9	
MB-82	8.3	6.4	6.3	6.7	4.0	5.0	6.0	3.0	7.6	6.3	6.7	1.8	6.7	5.1	5.3	4.5	5.7	5.7	3.7	5.9	
SCALDIS	8.3	7.0	4.8	6.8	2.7	6.7	6.1	4.0	6.3	7.7	7.0	2.5	6.3	5.2	5.1	4.7	5.5	4.3	2.7	5.9	
BAR SCF 8 FUS3	7.5	5.8	7.2	6.3	5.0	6.3	6.9	3.7	7.2	6.7	6.7	2.8	5.0	5.0	6.1	4.3	6.2	3.7	3.3	5.9	
ABT-CR-2	8.2	7.3	7.3	5.9	3.7	7.7	7.0	4.3	6.6	7.7	6.7	4.0	4.3	4.6	5.7	4.0	6.0	3.3	3.3	5.9	
CULOMBRA	7.7	6.8	6.8	6.3	4.3	6.7	7.0	4.7	6.6	7.7	7.0	2.7	4.7	4.8	5.0	5.3	6.0	5.7	4.7	5.9	
BAR CHF 8 FUS2	7.3	6.8	5.7	6.6	3.3	6.7	7.2	5.3	6.4	8.7	6.7	3.0	5.0	4.8	5.0	5.2	5.5	5.3	4.3	5.9	
MB-63	7.7	6.6	6.8	6.7	3.0	7.0	7.0	4.7	7.1	7.3	7.0	2.8	4.7	5.1	4.9	4.3	5.0	5.3	4.7	5.9	
DEFIANT	8.2	7.1	6.5	6.4	3.7	5.3	6.4	3.3	6.8	8.0	7.0	2.3	6.0	4.8	5.6	4.5	5.3	5.7	3.3	5.9	
BRITTANY	7.7	5.9	7.3	6.2	3.3	7.0	6.9	4.3	7.1	7.3	7.0	2.8	5.7	4.8	5.1	4.8	5.7	5.0	4.7	5.8	
ASR 049	8.2	5.9	5.3	6.6	3.0	5.7	7.4	3.3	7.1	6.7	6.7	2.3	4.7	4.9	6.4	4.2	5.7	4.3	3.3	5.8	
FLORENTINE	8.3	6.3	6.7	6.3	5.0	6.3	7.4	3.3	5.4	6.0	7.0	2.8	4.0	4.8	5.8	4.8	5.7	3.7	3.3	5.8	
SHLOUETTE (PICK FRC 4-92)	8.0	5.7	6.3	6.1	5.3	6.3	6.8	5.0	6.2	8.0	7.0	2.8	4.7	4.8	5.6	4.8	5.7	5.3	4.3	5.8	
SHADEMASTER II	8.0	6.6	6.0	6.2	4.3	7.3	7.6	4.7	5.8	6.3	7.0	3.9	4.3	4.8	5.1	4.0	5.5	3.3	3.7	5.8	
SANDPIPER	8.3	6.2	6.5	6.3	3.0	6.0	7.2	4.3	5.9	7.3	7.3	2.4	5.3	4.8	5.4	4.3	5.2	5.7	4.3	5.8	
BIGHORN	8.2	6.4	5.8	6.7	4.0	5.3	5.7	4.3	7.2	6.7	6.7	2.3	6.0	4.8	5.2	4.7	5.2	4.7	3.3	5.8	
TIFFANY	7.7	5.6	6.8	6.3	4.0	6.0	6.7	4.7	6.3	8.3	6.7	2.8	5.0	4.9	5.3	4.5	5.3	5.7	4.3	5.8	
SR 3200	7.8	6.8	5.3	6.6	3.7	5.0	6.0	4.0	7.9	6.7	6.3	2.4	6.3	5.0	4.3	4.7	4.8	5.3	3.7	5.7	
INVERNESS (PST-47TCR)	7.7	6.8	6.2	6.1	4.3	7.3	7.2	3.3	5.9	6.3	7.0	3.8	3.3	4.8	5.7	4.2	5.5	4.0	4.0	5.7	
JAMESTOWN II	7.3	6.0	6.2	5.8	3.0	6.7	7.0	4.3	7.9	7.7	7.0	2.5	5.3	4.7	5.4	4.2	5.7	5.3	4.3	5.7	
BARGENA III (BAR CF 8 FUS1)	8.0	6.3	5.8	6.6	3.7	7.0	6.8	4.7	7.1	6.0	6.7	3.8	3.3	4.5	5.6	3.5	5.0	3.7	3.0	5.7	
ASC 082	7.8	6.7	5.3	6.6	3.0	6.0	6.6	4.3	6.3	6.3	7.0	3.7	4.0	4.7	4.3	3.7	5.3	4.3	3.7	5.6	
SEABREEZE	8.0	4.7	6.3	6.0	3.0	6.3	7.1	4.3	7.4	7.3	7.3	2.5	5.0	4.6	5.4	4.3	5.2	4.7	4.3	5.6	
SR 5210 (SRX 52LAV)	8.2	7.0	6.8	6.2	3.7	6.3	6.4	4.0	4.9	6.0	7.0	3.2	4.7	4.6	4.6	4.0	4.7	5.0	4.7	5.6	
DAWSON E+	7.2	4.9	4.3	6.3	4.0	6.3	7.3	3.3	7.1	7.3	6.7	2.0	5.0	4.5	6.0	3.8	5.5	5.7	5.0	5.6	
ROSE (ASC 087)	8.2	5.9	5.8	6.1	2.3	5.3	7.0	4.3	6.8	6.3	6.7	3.7	3.3	4.5	4.7	3.7	4.8	4.0	3.3	5.6	
DGSC 94	7.8	6.2	5.8	6.3	2.7	7.3	7.2	4.7	6.1	6.0	7.0	3.8	3.3	4.5	5.6	3.5	5.0	3.3	3.0	5.6	
SHADEMARK	7.8	6.9	6.2	6.0	3.7	6.3	6.9	3.7	6.2	6.7	7.3	3.8	3.7	4.4	5.3	3.2	5.0	3.3	3.0	5.6	
ACF 083	7.8	5.0	5.2	6.3	3.7	5.3	7.3	4.7	4.7	8.3	6.3	3.1	4.7	4.7	4.9	4.0	5.5	5.0	4.3	5.5	
SR 6000	8.2	5.2	4.0	5.9	3.7	5.3	7.0	2.7	7.3	6.0	6.0	3.0	5.7	4.2	4.2	3.0	6.0	7.0	5.3	5.4	
BOREAL	7.8	4.7	5.3	5.9	3.3	5.7	7.2	5.3	6.0	6.0	7.0	2.5	4.7	4.6	4.4	3.3	5.0	3.7	3.3	5.4	
ASC 172	6.8	5.3	5.3	6.3	2.7	5.7	6.7	4.0	5.9	5.3	7.3	3.7	3.0	3.9	4.9	3.5	4.5	4.3	3.0	5.2	
COMMON CREEPING RED	6.2	4.7	5.2	5.8	2.7	6.0	6.9	5.0	5.9	6.3	7.0	2.5	4.7	4.5	3.9	3.7	4.8	4.0	3.0	5.0	
LSD VALUE	1.0	2.3	1.5	0.9	2.7	1.4	1.4	1.3	2.4	1.8	0.8	1.2	1.1	0.8	1.2	1.5	1.4	1.1	1.0	0.5	
C.V. (%)	7.4	22.6	14.2	9.5	45.7	14.2	13.3	19.4	21.7	15.4	7.3	26.1	11.9	10.7	13.7	21.0	16.7	13.2	15.0	15.3	

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12B.

SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/																			MEAN
	CA1	KS1	KY1	MI1	MI2	M01	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	
LONGFELLOW II	8.5	7.2	8.3	6.3	2.7	7.0	7.2	4.3	7.2	7.7	7.0	3.8	6.0	5.3	6.6	5.5	5.2	6.3	6.3	6.5
TREASURE (E)	8.2	7.2	7.3	7.0	5.0	6.7	7.6	3.7	7.3	8.0	8.0	3.5	6.3	5.0	5.9	4.7	5.7	6.3	5.3	6.4
ABT-CHW-2	8.3	6.7	8.2	6.4	3.3	7.3	6.8	4.0	8.1	8.0	7.3	3.2	5.0	5.2	6.4	4.7	5.0	6.3	5.7	6.3
WRIGLEY (ACF 092)	8.0	7.3	6.3	6.7	4.7	7.0	7.0	5.0	7.0	7.3	7.0	3.7	6.3	5.3	5.8	4.5	5.5	5.0	4.3	6.2
INTRIGUE	8.3	6.1	8.0	6.8	3.3	7.0	6.9	4.0	7.4	8.0	6.7	2.5	5.3	5.3	5.9	5.2	5.3	6.3	5.0	6.2
BRIDGEPORT	8.5	6.6	6.8	6.4	4.3	7.3	7.4	4.7	7.7	8.0	7.0	3.5	6.0	4.9	5.6	5.2	4.3	5.3	5.0	6.2
AMBROSE (ABT-CHW-3)	8.0	6.7	7.7	6.1	3.7	7.7	6.8	4.7	7.6	8.3	7.0	2.8	6.0	4.9	6.0	4.7	6.2	6.0	4.7	6.2
SHADOW II	8.5	5.9	7.5	6.1	4.0	7.0	7.4	4.0	7.2	7.7	6.7	2.6	5.7	5.2	6.1	4.8	6.0	5.7	4.3	6.1
ABT-CHW-1	8.5	6.8	6.8	6.2	2.0	7.0	7.1	.	6.9	7.7	7.0	2.3	5.7	4.8	6.6	4.2	5.3	6.0	5.3	6.1
PICK FRC A-93	8.5	6.2	7.5	6.6	4.3	6.7	6.9	3.7	6.9	7.0	7.0	3.0	5.3	5.1	6.0	4.7	5.5	5.3	4.0	6.1
SR 5100	8.2	6.7	7.2	6.6	2.3	7.3	6.4	5.0	7.7	7.7	6.7	2.5	6.0	5.2	5.4	4.0	5.8	6.3	5.3	6.1
AMBASSADOR	7.8	6.6	6.8	6.7	3.7	7.0	6.9	4.0	6.3	8.0	7.3	3.0	5.7	4.9	6.2	4.0	5.2	5.7	5.3	6.0
MAGIC	7.5	6.6	7.2	6.2	4.3	7.3	6.6	4.3	7.9	8.0	7.3	3.0	5.7	4.9	5.1	4.5	4.8	5.3	4.7	6.0
BANNER III	8.5	5.4	7.2	6.6	5.0	6.7	7.2	4.7	6.9	7.7	7.0	2.3	6.0	5.1	5.1	4.5	4.8	5.3	4.3	6.0
CULOMBRA	7.7	6.8	6.8	6.3	4.3	6.7	7.0	4.7	6.6	7.7	7.0	2.7	4.7	4.8	5.0	5.3	6.0	5.7	4.7	5.9
BAR CHF 8 FUS2	7.3	6.8	5.7	6.6	3.3	6.7	7.2	5.3	6.4	8.7	6.7	3.0	5.0	4.8	5.0	5.2	5.5	5.3	4.3	5.9
MB-63	7.7	6.6	6.8	6.7	3.0	7.0	7.0	4.7	7.1	7.3	7.0	2.8	4.7	5.1	4.9	4.3	5.0	5.3	4.7	5.9
BRITTANY	7.7	5.9	7.3	6.2	3.3	7.0	6.9	4.3	7.1	7.3	7.0	2.8	5.7	4.8	5.1	4.8	5.7	5.0	4.7	5.8
SILHOUETTE (PICK FRC 4-92)	8.0	5.7	6.3	6.1	5.3	6.3	6.8	5.0	6.2	8.0	7.0	2.8	4.7	4.8	5.6	4.8	5.7	5.3	4.3	5.8
SANDPIPER	8.3	6.2	6.5	6.3	3.0	6.0	7.2	4.3	5.9	7.3	7.3	2.4	5.3	4.8	5.4	4.3	5.2	5.7	4.3	5.8
TIFFANY	7.7	5.6	6.8	6.3	4.0	6.0	6.7	4.7	6.3	8.3	6.7	2.8	5.0	4.9	5.3	4.5	5.3	5.7	4.3	5.8
JAMESTOWN II	7.3	6.0	6.2	5.8	3.0	6.7	7.0	4.3	7.9	7.7	7.0	2.5	5.3	4.7	5.4	4.2	5.7	5.3	4.3	5.7
ACF 083	7.8	5.0	5.2	6.3	3.7	5.3	7.3	4.7	4.7	8.3	6.3	3.1	4.7	4.7	4.9	4.0	5.5	5.0	4.3	5.5
LSD VALUE	1.0	2.3	1.4	0.9	2.8	1.2	1.5	1.3	2.7	1.2	0.8	1.3	1.1	0.9	1.2	1.7	1.5	1.2	0.9	0.5
C.V. (%)	8.0	27.1	12.2	9.6	46.5	11.2	13.4	18.5	24.1	9.6	6.9	29.9	12.6	11.6	13.4	22.7	18.0	13.3	12.1	15.9

TABLE 12C.

SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/																			MEAN
	CA1	KS1	KY1	MI1	MI2	M01	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	
BAR SCF 8 FUS3	7.5	5.8	7.2	6.3	5.0	6.3	6.9	3.7	7.2	6.7	6.7	2.8	5.0	5.0	6.1	4.3	6.2	3.7	3.3	5.9
ASR 049	8.2	5.9	5.3	6.6	3.0	5.7	7.4	3.3	7.1	6.7	6.7	2.3	4.7	4.9	6.4	4.2	5.7	4.3	3.3	5.8
SEABREEZE	8.0	4.7	6.3	6.0	3.0	6.3	7.1	4.3	7.4	7.3	7.3	2.5	5.0	4.6	5.4	4.3	5.2	4.7	4.3	5.6
DAWSON E+	7.2	4.9	4.3	6.3	4.0	6.3	7.3	3.3	7.1	7.3	6.7	2.0	5.0	4.5	6.0	3.8	5.5	5.7	5.0	5.6
LSD VALUE	0.7	2.4	1.7	0.7	2.0	1.9	1.6	0.9	2.0	1.7	1.2	0.8	1.5	0.9	1.1	1.5	1.4	1.5	0.8	0.5
C.V. (%)	5.9	27.5	19.0	6.8	32.7	18.7	13.8	15.7	17.3	14.9	11.2	20.6	18.6	11.4	11.5	21.9	15.6	19.9	12.5	15.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12D.

SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/																			
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	MEAN
JASPER II	8.8	7.3	7.8	6.9	2.3	6.7	7.6	4.3	8.1	7.0	7.0	3.8	4.7	4.6	6.0	5.0	6.2	6.3	4.7	6.4
ABERDEEN (PST-EFL)	8.8	7.4	7.2	6.4	4.0	6.7	7.2	4.3	5.8	6.7	7.0	3.5	5.3	5.0	6.0	4.8	6.2	5.3	4.7	6.2
ABT-CR-3	8.3	6.9	7.5	6.3	4.7	7.0	7.0	4.7	6.4	6.7	7.0	4.2	5.3	4.7	5.9	4.0	5.7	6.0	4.7	6.1
SRX 52961	8.2	6.6	7.8	6.7	2.7	6.3	7.2	4.3	5.1	7.3	6.3	4.0	5.0	4.8	5.9	4.5	5.7	6.3	5.0	6.0
CINDY LOU (CIS FRR 7)	8.5	7.6	7.5	6.2	3.0	6.0	7.4	4.0	5.4	6.3	6.7	4.2	5.3	4.9	5.6	4.7	5.0	6.3	5.0	6.0
PST-4FR	8.7	6.2	7.2	6.4	4.7	7.0	7.2	4.3	7.0	5.0	7.0	2.8	4.0	4.9	5.7	4.5	5.5	4.0	3.0	6.0
SALSA	8.0	6.7	7.7	6.4	4.7	4.7	7.3	5.0	7.8	6.7	7.7	3.0	4.0	4.6	5.7	4.2	5.3	4.3	2.7	6.0
PATHFINDER	8.2	6.9	7.3	6.1	4.3	7.0	7.4	4.0	7.6	6.0	7.0	4.0	3.7	4.7	5.4	3.8	6.0	3.7	3.3	6.0
NAVIGATOR (CIS FRR 5)	8.7	7.6	7.0	6.1	3.3	6.7	6.9	5.0	5.8	6.3	7.0	3.5	5.3	4.6	5.4	3.8	5.7	6.3	4.7	5.9
ABT-CR-2	8.2	7.3	7.3	5.9	3.7	7.7	7.0	4.3	6.6	7.7	6.7	4.0	4.3	4.6	5.7	4.0	6.0	3.3	3.3	5.9
FLORENTINE	8.3	6.3	6.7	6.3	5.0	6.3	7.4	3.3	5.4	6.0	7.0	2.8	4.0	4.8	5.8	4.8	5.7	3.7	3.3	5.8
SHADEMASTER II	8.0	6.6	6.0	6.2	4.3	7.3	7.6	4.7	5.8	6.3	7.0	3.9	4.3	4.8	5.1	4.0	5.5	3.3	3.7	5.8
INVERNESS (PST-47TCR)	7.7	6.8	6.2	6.1	4.3	7.3	7.2	3.3	5.9	6.3	7.0	3.8	3.3	4.8	5.7	4.2	5.5	4.0	4.0	5.7
BARGENA III (BAR CF 8 FUS1)	8.0	6.3	5.8	6.6	3.7	7.0	6.8	4.7	7.1	6.0	6.7	3.8	3.3	4.5	5.6	3.5	5.0	3.7	3.0	5.7
ASC 082	7.8	6.7	5.3	6.6	3.0	6.0	6.6	4.3	6.3	6.3	7.0	3.7	4.0	4.7	4.3	3.7	5.3	4.3	3.7	5.6
SR 5210 (SRX 52LAV)	8.2	7.0	6.8	6.2	3.7	6.3	6.4	4.0	4.9	6.0	7.0	3.2	4.7	4.6	4.6	4.0	4.7	5.0	4.7	5.6
ROSE (ASC 087)	8.2	5.9	5.8	6.1	2.3	5.3	7.0	4.3	6.8	6.3	6.7	3.7	3.3	4.5	4.7	3.7	4.8	4.0	3.3	5.6
DGSC 94	7.8	6.2	5.8	6.3	2.7	7.3	7.2	4.7	6.1	6.0	7.0	3.8	3.3	4.5	5.6	3.5	5.0	3.3	3.0	5.6
SHADEMARK	7.8	6.9	6.2	6.0	3.7	6.3	6.9	3.7	6.2	6.7	7.3	3.8	3.7	4.4	5.3	3.2	5.0	3.3	3.0	5.6
BOREAL	7.8	4.7	5.3	5.9	3.3	5.7	7.2	5.3	6.0	6.0	7.0	2.5	4.7	4.6	4.4	3.3	5.0	3.7	3.3	5.4
ASC 172	6.8	5.3	5.3	6.3	2.7	5.7	6.7	4.0	5.9	5.3	7.3	3.7	3.0	3.9	4.9	3.5	4.5	4.3	3.0	5.2
COMMON CREEPING RED	6.2	4.7	5.2	5.8	2.7	6.0	6.9	5.0	5.9	6.3	7.0	2.5	4.7	4.5	3.9	3.7	4.8	4.0	3.0	5.0
LSD VALUE	0.9	2.1	1.2	0.9	2.8	1.4	1.4	1.3	2.8	2.4	0.7	1.4	1.2	0.7	1.3	1.2	1.3	1.2	0.8	0.5
C.V. (%)	7.2	23.0	11.8	9.6	48.1	13.6	12.6	19.0	29.5	23.5	6.6	22.7	16.9	8.6	15.4	19.0	15.8	16.7	13.2	16.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12E.

SUMMER DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	M01	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	MEAN
VIKING (ABT-HF1)	9.0	7.4	7.3	6.9	2.7	5.7	6.1	4.3	7.4	8.0	7.0	2.5	6.7	5.3	6.7	5.8	6.5	5.7	4.7	6.5
BERKSHIRE (4001)	8.8	7.7	6.7	7.0	3.7	5.7	6.3	4.0	6.7	7.3	7.3	2.2	6.7	5.3	6.4	5.7	5.7	6.3	4.7	6.4
OXFORD	8.8	7.2	7.3	7.0	4.0	6.0	6.4	4.3	7.0	6.7	6.7	2.5	7.0	5.1	6.4	5.0	5.5	6.0	4.0	6.3
NORDIC (E)	8.5	6.9	7.2	6.6	3.3	6.7	7.0	4.0	7.4	8.0	6.7	2.3	7.0	5.4	6.3	4.8	5.0	5.7	4.3	6.3
SRX 3961	8.5	6.8	7.2	6.7	4.0	5.7	6.2	3.3	7.0	8.0	7.0	2.2	7.3	5.5	6.3	4.7	5.2	6.7	5.3	6.3
ABT-HF-2	8.8	6.3	7.3	6.8	4.7	6.0	6.6	4.7	7.4	6.3	7.0	2.7	7.0	5.4	5.3	5.3	5.3	6.0	3.0	6.2
STONEHENGE (AHF 009)	8.2	6.9	5.8	7.3	4.3	5.3	6.6	4.0	7.3	7.7	7.0	2.5	6.3	5.5	5.8	4.5	5.8	6.0	3.3	6.2
RESCUE 911	8.2	6.7	6.0	7.0	3.3	7.0	6.2	5.0	7.4	7.3	7.0	2.3	7.0	5.2	5.4	4.7	5.8	6.0	4.0	6.2
CHARIOT (CIS FL 12)	8.5	7.3	7.0	6.4	2.0	5.7	6.6	3.7	7.6	7.3	6.7	2.6	6.7	5.4	5.3	5.2	6.5	6.0	4.0	6.2
ABT-HF-4	8.7	7.7	6.3	6.9	3.3	5.3	6.7	4.0	7.0	6.0	7.3	2.0	7.0	5.0	6.0	4.8	6.0	5.3	3.3	6.1
PST-4HM	8.5	7.2	6.5	6.7	3.3	6.0	6.3	3.0	5.6	7.3	7.0	2.9	6.7	5.7	6.0	4.3	5.0	6.0	3.7	6.1
ABT-HF-3	8.5	6.9	6.5	6.9	3.3	6.3	6.6	4.0	7.7	7.3	6.7	2.3	6.7	5.0	5.7	4.5	6.0	5.0	3.0	6.1
PICK FF A-97	8.3	7.2	5.5	6.4	4.0	6.0	6.2	4.7	6.9	7.7	7.0	2.3	6.3	5.3	5.9	5.2	5.5	5.7	3.7	6.1
OSPREY	8.7	6.4	6.8	6.8	3.3	5.7	6.2	3.0	7.4	6.3	6.7	2.0	6.0	5.4	5.4	5.2	5.0	5.7	3.3	6.1
HERON	8.3	6.6	6.3	6.6	4.3	6.0	5.9	3.7	7.8	7.3	7.0	2.2	6.3	4.9	6.4	5.0	6.0	6.0	3.7	6.1
RELIANT II	8.5	6.6	6.2	6.6	2.0	5.3	6.1	4.0	7.9	7.3	6.7	2.3	7.0	5.3	5.9	5.3	5.8	6.3	4.0	6.1
DISCOVERY	8.5	6.2	6.8	6.9	5.0	6.3	6.4	4.0	6.8	6.7	6.7	2.0	6.3	5.2	5.4	5.0	5.3	5.7	4.7	6.1
MINOTAUR	8.5	6.9	5.2	7.0	4.7	5.3	5.9	3.3	7.4	7.0	7.0	1.0	6.7	5.0	5.1	4.3	5.2	5.0	2.7	6.1
ATTILA E	8.2	7.3	5.7	6.6	2.3	5.0	6.3	3.7	7.6	7.0	6.7	2.3	6.0	5.1	6.0	4.8	5.7	5.7	4.0	6.0
HARDTOP (BAR HF 8 FUS)	8.2	6.9	6.0	6.6	4.3	6.0	6.4	3.3	7.1	7.3	6.3	2.2	7.0	5.0	5.8	4.7	5.5	5.7	3.0	6.0
SCALDIS II (AHF 008)	8.3	6.3	5.8	6.7	3.0	5.3	6.4	3.0	7.2	7.3	7.0	2.2	6.3	5.3	5.3	5.5	5.8	5.7	3.7	6.0
EUREKA II (CIS FL 11)	7.7	7.2	6.3	6.7	3.3	6.0	6.0	4.7	7.6	7.3	6.7	2.8	6.3	5.3	5.3	4.8	5.7	5.7	3.7	5.9
MB-82	8.3	6.4	6.3	6.7	4.0	5.0	6.0	3.0	7.6	6.3	6.7	1.8	6.7	5.1	5.3	4.5	5.7	5.7	3.7	5.9
SCALDIS	8.3	7.0	4.8	6.8	2.7	6.7	6.1	4.0	6.3	7.7	7.0	2.5	6.3	5.2	5.1	4.7	5.5	4.3	2.7	5.9
DEFIANT	8.2	7.1	6.5	6.4	3.7	5.3	6.4	3.3	6.8	8.0	7.0	2.3	6.0	4.8	5.6	4.5	5.3	5.7	3.3	5.9
BIGHORN	8.2	6.4	5.8	6.7	4.0	5.3	5.7	4.3	7.2	6.7	6.7	2.3	6.0	4.8	5.2	4.7	5.2	4.7	3.3	5.8
LSD VALUE	0.9	2.1	1.6	1.0	2.6	1.4	1.3	1.2	1.7	1.6	0.8	0.9	0.7	0.8	1.1	1.4	1.4	0.9	1.2	0.5
C.V. (%)	6.7	19.2	16.2	9.7	45.6	15.3	12.9	19.9	15.2	14.0	7.4	24.2	6.7	10.4	12.3	18.3	15.8	10.1	19.7	13.8

TABLE 12F.

SUMMER DENSITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	M01	MT1	NC2	NE1	NS1	NY1	OK1	PA1	QE1	SD1	UT1	WA3	WI1	WI2	MEAN
PST-4MB	8.7	7.2	6.5	6.9	4.3	6.3	6.1	3.7	7.6	7.7	6.7	1.0	6.7	4.8	5.3	5.0	5.7	5.7	3.7	6.2
QUATRO	8.0	6.8	4.5	6.7	2.7	6.0	6.0	4.7	8.0	7.7	6.7	2.3	6.0	5.1	5.7	3.7	6.0	5.3	3.3	6.0
SR 3200	7.8	6.8	5.3	6.6	3.7	5.0	6.0	4.0	7.9	6.7	6.3	2.4	6.3	5.0	4.3	4.7	4.8	5.3	3.7	5.7
SR 6000	8.2	5.2	4.0	5.9	3.7	5.3	7.0	2.7	7.3	6.0	6.0	3.0	5.7	4.2	4.2	3.0	6.0	7.0	5.3	5.4
LSD VALUE	1.4	2.3	1.8	0.8	2.3	2.1	1.7	1.6	1.5	1.4	0.8	0.9	1.4	0.9	1.4	2.1	1.7	0.8	0.9	0.5
C.V. (%)	10.6	23.8	22.2	7.8	40.3	22.8	17.2	26.7	12.5	12.4	7.8	24.7	14.0	11.7	18.3	31.2	20.8	8.6	14.4	16.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13A.

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
JASPER II	9.0	8.7	8.0	6.4	2.3	8.0	7.2	8.5	8.0	5.7	5.8	8.7	5.7	7.0	5.0	7.0
STONEHENGE (AHF 009)	9.0	8.0	6.0	7.2	4.7	6.7	6.8	8.0	8.0	3.0	6.6	6.7	5.7	6.7	3.7	7.0
TREASURE (E)	8.3	8.4	7.3	6.6	4.7	7.7	7.0	7.9	8.7	5.5	5.8	8.0	6.0	7.0	5.7	7.0
LONGFELLOW II	8.7	8.2	8.0	6.4	2.3	8.3	7.0	7.3	8.7	6.2	5.8	8.7	6.3	7.0	6.0	7.0
PATHFINDER	9.0	8.2	7.0	6.3	5.7	8.3	7.2	8.1	7.7	6.3	5.6	7.0	6.0	6.3	5.0	6.9
SRX 3961	9.0	7.6	7.3	6.8	3.3	6.0	6.3	7.8	8.0	5.2	6.4	9.0	6.0	7.3	5.7	6.9
PST-4MB	9.0	7.9	6.7	6.6	4.0	6.7	7.0	8.1	7.3	.	5.7	6.0	6.0	6.0	4.3	6.9
BRIDGEPORT	9.0	8.2	6.3	6.3	4.3	9.0	7.3	7.7	8.7	5.8	5.6	7.7	6.0	7.0	5.3	6.9
OXFORD	9.0	8.0	6.3	6.8	3.7	7.0	6.7	7.8	8.0	5.3	6.3	7.3	6.3	7.0	5.0	6.9
EUREKA II (CIS FL 11)	9.0	7.9	5.3	6.9	4.0	6.3	5.8	8.5	8.0	5.5	6.1	7.7	5.3	6.3	4.7	6.9
SR 5100	8.7	7.8	7.3	6.7	2.7	8.3	6.3	8.4	8.3	5.2	5.9	8.3	6.3	7.0	5.3	6.9
NORDIC (E)	9.0	7.8	4.7	6.7	3.0	7.3	6.8	8.1	7.3	3.0	6.4	7.7	5.7	7.0	4.3	6.9
ABT-HF-2	8.7	7.2	6.0	6.9	5.0	6.3	6.0	8.0	7.3	5.0	6.6	8.7	5.7	6.7	4.0	6.8
ABT-CHW-2	9.0	8.3	7.0	6.4	4.3	7.7	7.0	7.3	8.3	5.5	5.7	7.7	7.0	7.0	5.7	6.8
AMBROSE (ABT-CHW-3)	8.7	7.9	7.7	6.4	4.3	9.0	7.5	7.6	8.0	5.0	5.6	7.3	6.7	7.0	5.0	6.8
WRIGLEY (ACF 092)	8.7	8.4	6.7	6.3	5.7	8.0	7.0	7.0	7.7	5.5	5.9	7.0	6.0	6.7	5.3	6.7
DISCOVERY	9.0	7.1	5.0	6.6	5.0	7.0	6.5	8.0	7.7	2.5	6.3	6.3	6.3	6.7	5.3	6.7
HERON	9.0	7.2	4.7	6.9	4.7	6.3	5.7	8.3	7.3	5.0	5.9	6.3	6.0	6.3	4.7	6.7
CHARIOT (CIS FL 12)	9.0	8.3	5.3	6.6	2.0	6.3	6.3	8.1	7.3	5.0	6.1	7.0	5.7	7.0	5.0	6.7
RELIANT II	9.0	7.6	4.7	6.6	2.3	6.0	5.8	8.6	7.3	4.8	6.3	7.0	6.3	6.7	4.7	6.7
AMBASSADOR	8.7	8.0	8.7	6.4	3.7	8.3	7.0	7.3	8.0	5.3	5.2	6.3	7.0	7.0	5.3	6.7
MB-63	8.7	8.6	6.3	6.4	2.7	8.3	7.0	7.0	8.3	5.3	5.7	8.0	6.0	6.7	5.0	6.7
INTRIGUE	8.7	7.8	7.3	6.7	3.0	7.7	7.0	7.4	8.0	5.5	5.7	6.7	7.0	7.0	5.3	6.7
MINOTAUR	9.0	7.4	4.3	6.7	5.3	6.7	6.5	7.8	7.7	.	5.7	4.0	5.3	6.3	4.3	6.7
HARDTOP (BAR HF 8 FUS)	9.0	8.0	5.7	6.9	4.7	7.0	6.8	6.6	7.0	5.0	6.0	8.3	6.3	7.0	5.0	6.7
OSPREY	9.0	7.4	3.3	6.9	3.0	6.3	6.3	7.7	8.3	2.0	6.6	7.3	5.7	6.3	4.3	6.7
SHADEMASTER II	9.0	8.9	6.0	6.3	4.7	8.7	7.3	6.1	7.7	6.3	5.9	7.3	5.7	7.0	4.3	6.7
PST-4FR	9.0	8.4	6.7	6.2	4.7	8.3	7.0	7.4	7.0	5.0	5.4	7.3	6.3	6.7	4.0	6.6
SR 3200	9.0	8.1	5.0	6.6	3.7	5.7	6.3	8.3	7.0	5.0	5.8	5.0	5.0	6.0	4.7	6.6
ABT-CR-3	9.0	8.1	7.3	6.3	4.3	8.3	6.5	6.3	8.0	6.0	5.7	7.3	7.0	7.0	4.7	6.6
MAGIC	9.0	7.8	6.3	6.2	4.3	8.7	7.0	7.1	7.7	5.7	5.4	6.7	6.3	7.0	5.0	6.6
BERKSHIRE (4001)	9.0	8.3	5.7	7.0	3.3	6.7	6.5	5.4	7.7	3.0	6.2	8.7	6.0	7.3	5.3	6.6
PICK FRC A-93	8.7	7.7	7.3	6.2	4.0	8.0	7.0	6.8	7.7	5.5	5.8	8.3	6.3	7.0	4.7	6.6
SCALDIS II (AHF 008)	9.0	7.2	5.0	6.4	4.7	6.7	6.8	7.7	8.0	3.0	6.3	4.3	5.3	6.7	4.7	6.6
ABT-HF-3	9.0	7.9	5.7	6.6	3.3	6.0	6.3	7.8	7.7	5.3	5.9	5.7	6.0	6.0	4.3	6.6
VIKING (ABT-HF1)	9.0	7.6	6.0	6.9	2.3	6.3	6.2	6.6	8.0	5.3	6.2	8.7	5.7	6.7	5.3	6.6
PICK FF A-97	9.0	8.2	5.0	6.7	4.7	6.7	6.2	7.1	7.7	2.5	6.1	7.7	6.0	6.3	4.7	6.6
RESCUE 911	9.0	7.4	5.3	6.7	3.0	7.7	6.3	6.8	7.7	3.5	6.3	7.0	5.7	6.7	4.7	6.6
BAR SCF 8 FUS3	8.7	6.9	5.3	6.8	5.3	6.3	7.0	7.3	7.3	5.3	5.9	6.3	6.7	6.7	5.3	6.5
SHADOW II	9.0	6.6	7.7	6.3	3.7	8.0	7.2	7.0	8.3	5.0	5.7	7.7	6.7	6.7	5.0	6.5
MB-82	8.7	7.0	4.3	6.6	4.3	6.0	6.0	7.7	7.7	4.7	6.2	8.0	5.7	6.0	4.7	6.5
ATTILA E	8.0	8.1	4.3	6.9	2.3	5.7	6.5	7.7	8.0	5.3	6.0	5.3	5.3	6.3	5.0	6.5
SCALDIS	9.0	7.8	3.0	6.8	3.7	7.3	6.0	6.8	7.3	5.5	6.1	8.3	5.0	6.0	3.7	6.5
BARGENA III (BAR CF 8 FUS1)	9.0	8.1	6.7	6.4	4.3	7.3	6.7	6.7	8.0	5.7	5.6	7.0	6.0	6.3	4.7	6.5



TABLE 13A. (CONT'D)

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
BRITTANY	9.0	7.3	6.3	6.4	4.7	7.7	7.3	7.0	7.7	5.5	5.6	7.3	6.3	6.7	5.3	6.5
ABT-CHW-1	9.0	7.9	7.3	6.3	2.3	8.3	7.0	6.3	8.0	5.2	5.3	7.7	6.7	7.0	5.7	6.5
ASC 082	9.0	8.4	6.3	6.7	3.0	7.3	6.3	7.3	6.7	5.3	5.3	6.0	6.0	6.3	4.3	6.5
DEFIANT	8.7	7.8	4.7	6.6	4.0	5.7	6.2	7.2	8.0	5.3	6.0	6.7	6.0	6.3	4.0	6.5
JAMESTOWN II	9.0	7.0	5.7	6.3	3.3	8.3	7.2	7.3	8.3	5.2	5.3	6.0	5.7	7.0	5.0	6.5
BANNER III	8.3	6.7	6.3	6.3	4.7	7.7	7.0	7.0	7.7	3.5	5.7	7.7	6.3	7.0	5.0	6.5
SRX 52961	9.0	8.1	8.3	6.6	2.7	7.3	6.7	5.5	8.7	6.0	5.9	8.3	6.0	7.3	4.7	6.5
TIFFANY	8.7	7.0	6.7	6.4	4.0	7.7	7.3	6.8	8.0	4.8	5.3	7.3	6.3	6.7	5.3	6.5
ABT-CR-2	9.0	8.9	7.7	6.3	3.7	8.3	7.0	5.8	7.0	6.8	5.4	7.7	6.0	6.7	4.0	6.5
ABT-HF-4	8.7	8.1	4.3	6.8	3.3	6.3	6.3	7.8	6.7	4.7	5.8	5.3	5.7	6.0	4.3	6.5
ABERDEEN (PST-EFL)	9.0	8.6	8.0	6.6	3.3	8.0	7.5	6.1	8.3	5.5	5.7	7.0	6.3	6.3	4.7	6.5
ASR 049	8.3	6.9	4.3	6.4	4.0	6.7	7.5	7.1	7.7	5.0	6.0	5.7	6.0	6.7	5.7	6.5
QUATRO	8.7	7.0	2.3	6.4	3.0	6.3	6.2	7.9	8.3	4.5	6.1	7.7	7.0	6.0	5.0	6.4
ROSE (ASC 087)	9.0	7.3	6.0	6.2	2.0	6.3	7.3	7.7	7.7	5.5	5.3	6.3	6.0	6.3	4.7	6.4
SANDPIPER	8.7	8.0	6.3	6.4	2.7	7.7	7.3	6.1	7.7	5.0	5.4	7.0	6.3	6.7	5.3	6.4
PST-4HM	9.0	7.8	5.0	6.7	3.7	6.7	6.2	5.4	7.3	5.5	6.3	7.3	6.0	6.3	4.7	6.4
SALSA	9.0	7.9	6.0	6.8	5.0	6.0	7.5	5.8	7.0	5.3	5.9	7.0	5.3	6.7	4.3	6.4
BAR CHF 8 FUS2	8.3	8.0	5.3	6.3	3.0	7.7	7.0	6.7	8.3	6.0	5.4	6.7	6.0	6.7	5.3	6.3
INVERNESS (PST-47TCR)	9.0	8.0	7.0	6.3	4.0	7.7	7.2	6.2	6.7	5.8	5.8	6.7	5.3	7.0	4.0	6.3
FLORENTINE	9.0	7.9	6.3	6.3	5.3	7.3	7.8	5.8	7.3	5.3	5.7	7.0	6.3	7.0	4.3	6.3
BIGHORN	9.0	7.4	5.7	6.3	3.7	6.0	6.5	7.3	7.3	4.8	5.7	5.7	4.7	5.7	4.3	6.3
SHADEMARK	9.0	8.6	6.7	6.3	4.0	7.0	7.2	6.5	7.0	5.7	5.2	6.0	5.7	6.0	4.0	6.3
DGSC 94	9.0	7.9	6.3	6.6	2.7	8.0	7.0	6.4	8.0	5.8	5.7	4.3	5.7	6.3	4.0	6.3
SILHOUETTE (PICK FRC 4-92)	8.7	6.7	6.0	6.3	5.0	8.3	7.0	5.8	8.7	3.7	5.4	7.0	6.7	6.7	5.0	6.3
CULOMBRA	9.0	8.4	6.7	6.3	4.0	8.7	7.2	4.8	8.3	5.3	5.7	7.3	5.7	6.3	5.0	6.3
SR 5210 (SRX 52LAV)	8.7	8.8	7.3	6.6	3.7	6.7	6.5	5.5	7.0	5.7	5.6	7.7	5.7	6.3	4.7	6.2
NAVIGATOR (CIS FRR 5)	9.0	8.9	7.0	6.4	3.3	7.7	6.7	4.1	7.3	5.5	5.7	8.3	6.0	7.0	4.7	6.2
CINDY LOU (CIS FRR 7)	9.0	8.3	7.7	6.3	3.0	8.0	7.5	4.1	7.3	6.2	5.8	8.0	6.0	6.7	5.0	6.2
SEABREEZE	8.3	5.8	5.3	6.7	3.3	7.7	7.0	5.8	7.3	5.0	5.4	6.0	6.0	6.7	5.0	6.1
DAWSON E+	8.7	6.8	2.3	6.3	4.0	7.0	7.2	6.8	8.7	2.0	5.2	4.3	5.3	7.3	6.0	6.1
BOREAL	8.7	6.4	5.7	6.2	3.0	6.7	7.0	6.3	8.0	5.2	5.3	3.7	5.7	6.3	4.3	6.0
COMMON CREEPING RED	7.0	7.2	5.7	6.6	3.0	6.0	6.8	6.8	7.0	3.3	5.2	3.0	5.0	6.0	4.0	6.0
ASC 172	8.3	6.9	6.3	6.1	3.3	6.3	6.3	6.3	5.7	6.0	4.6	5.0	4.7	6.3	4.0	5.9
SR 6000	8.0	6.3	4.0	6.1	3.7	6.0	6.7	7.3	5.0	5.0	4.1	3.3	6.7	6.3	5.0	5.9
ACF 083	8.3	5.8	6.3	6.3	3.7	6.3	6.8	4.9	8.7	5.0	5.3	7.7	6.7	7.0	5.7	5.9
LSD VALUE	0.7	2.0	1.7	0.7	2.9	1.5	1.5	2.7	1.6	1.1	0.8	1.9	0.8	0.7	0.9	0.7
C.V. (%)	4.6	16.5	17.2	6.5	47.7	12.9	13.5	24.5	13.0	15.5	8.9	17.3	8.6	6.9	11.8	16.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13B.

FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	M01	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
TREAZURE (E)	8.3	8.4	7.3	6.6	4.7	7.7	7.0	7.9	8.7	5.5	5.8	8.0	6.0	7.0	5.7	7.0
LONGFELLOW II	8.7	8.2	8.0	6.4	2.3	8.3	7.0	7.3	8.7	6.2	5.8	8.7	6.3	7.0	6.0	7.0
BRIDGEPORT	9.0	8.2	6.3	6.3	4.3	9.0	7.3	7.7	8.7	5.8	5.6	7.7	6.0	7.0	5.3	6.9
SR 5100	8.7	7.8	7.3	6.7	2.7	8.3	6.3	8.4	8.3	5.2	5.9	8.3	6.3	7.0	5.3	6.9
ABT-CHW-2	9.0	8.3	7.0	6.4	4.3	7.7	7.0	7.3	8.3	5.5	5.7	7.7	7.0	7.0	5.7	6.8
AMBROSE (ABT-CHW-3)	8.7	7.9	7.7	6.4	4.3	9.0	7.5	7.6	8.0	5.0	5.6	7.3	6.7	7.0	5.0	6.8
WRIGLEY (ACF 092)	8.7	8.4	6.7	6.3	5.7	8.0	7.0	7.0	7.7	5.5	5.9	7.0	6.0	6.7	5.3	6.7
AMBASSADOR	8.7	8.0	8.7	6.4	3.7	8.3	7.0	7.3	8.0	5.3	5.2	6.3	7.0	7.0	5.3	6.7
MB-63	8.7	8.6	6.3	6.4	2.7	8.3	7.0	7.0	8.3	5.3	5.7	8.0	6.0	6.7	5.0	6.7
INTRIGUE	8.7	7.8	7.3	6.7	3.0	7.7	7.0	7.4	8.0	5.5	5.7	6.7	7.0	7.0	5.3	6.7
MAGIC	9.0	7.8	6.3	6.2	4.3	8.7	7.0	7.1	7.7	5.7	5.4	6.7	6.3	7.0	5.0	6.6
PICK FRC A-93	8.7	7.7	7.3	6.2	4.0	8.0	7.0	6.8	7.7	5.5	5.8	8.3	6.3	7.0	4.7	6.6
SHADOW II	9.0	6.6	7.7	6.3	3.7	8.0	7.2	7.0	8.3	5.0	5.7	7.7	6.7	6.7	5.0	6.5
BRITTANY	9.0	7.3	6.3	6.4	4.7	7.7	7.3	7.0	7.7	5.5	5.6	7.3	6.3	6.7	5.3	6.5
ABT-CHW-1	9.0	7.9	7.3	6.3	2.3	8.3	7.0	6.3	8.0	5.2	5.3	7.7	6.7	7.0	5.7	6.5
JAMESTOWN II	9.0	7.0	5.7	6.3	3.3	8.3	7.2	7.3	8.3	5.2	5.3	6.0	5.7	7.0	5.0	6.5
BANNER III	8.3	6.7	6.3	6.3	4.7	7.7	7.0	7.0	7.7	3.5	5.7	7.7	6.3	7.0	5.0	6.5
TIFFANY	8.7	7.0	6.7	6.4	4.0	7.7	7.3	6.8	8.0	4.8	5.3	7.3	6.3	6.7	5.3	6.5
SANDPIPER	8.7	8.0	6.3	6.4	2.7	7.7	7.3	6.1	7.7	5.0	5.4	7.0	6.3	6.7	5.3	6.4
BAR CHF 8 FUS2	8.3	8.0	5.3	6.3	3.0	7.7	7.0	6.7	8.3	6.0	5.4	6.7	6.0	6.7	5.3	6.3
SILHOUETTE (PICK FRC 4-92)	8.7	6.7	6.0	6.3	5.0	8.3	7.0	5.8	8.7	3.7	5.4	7.0	6.7	6.7	5.0	6.3
CULOMBRA	9.0	8.4	6.7	6.3	4.0	8.7	7.2	4.8	8.3	5.3	5.7	7.3	5.7	6.3	5.0	6.3
ACF 083	8.3	5.8	6.3	6.3	3.7	6.3	6.8	4.9	8.7	5.0	5.3	7.7	6.7	7.0	5.7	5.9
LSD VALUE	0.8	2.2	1.7	0.7	2.9	1.5	1.6	3.0	1.3	1.1	0.8	1.7	0.8	0.6	0.9	0.8
C.V. (%)	5.9	18.4	15.5	6.7	48.0	11.6	14.3	27.5	9.9	15.4	9.2	14.0	8.0	5.3	10.2	17.5

TABLE 13C.

FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	CA1	KS1	KY1	MI1	MI2	M01	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
BAR SCF 8 FUS3	8.7	6.9	5.3	6.8	5.3	6.3	7.0	7.3	7.3	5.3	5.9	6.3	6.7	6.7	5.3	6.5
ASR 049	8.3	6.9	4.3	6.4	4.0	6.7	7.5	7.1	7.7	5.0	6.0	5.7	6.0	6.7	5.7	6.5
SEABREEZE	8.3	5.8	5.3	6.7	3.3	7.7	7.0	5.8	7.3	5.0	5.4	6.0	6.0	6.7	5.0	6.1
DAWSON E+	8.7	6.8	2.3	6.3	4.0	7.0	7.2	6.8	8.7	2.0	5.2	4.3	5.3	7.3	6.0	6.1
LSD VALUE	0.9	2.9	2.2	0.7	1.9	1.4	1.6	2.4	2.3	1.3	0.7	2.3	0.7	0.9	0.7	0.8
C.V. (%)	6.8	27.5	31.2	7.1	28.6	12.5	14.3	22.9	18.6	21.3	7.8	25.3	6.8	8.4	7.4	18.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13D.

FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
JASPER II	9.0	8.7	8.0	6.4	2.3	8.0	7.2	8.5	8.0	5.7	5.8	8.7	5.7	7.0	5.0	7.0
PATHFINDER	9.0	8.2	7.0	6.3	5.7	8.3	7.2	8.1	7.7	6.3	5.6	7.0	6.0	6.3	5.0	6.9
SHADEMASTER II	9.0	8.9	6.0	6.3	4.7	8.7	7.3	6.1	7.7	6.3	5.9	7.3	5.7	7.0	4.3	6.7
PST-4FR	9.0	8.4	6.7	6.2	4.7	8.3	7.0	7.4	7.0	5.0	5.4	7.3	6.3	6.7	4.0	6.6
ABT-CR-3	9.0	8.1	7.3	6.3	4.3	8.3	6.5	6.3	8.0	6.0	5.7	7.3	7.0	7.0	4.7	6.6
BARGENA III (BAR CF 8 FUS1)	9.0	8.1	6.7	6.4	4.3	7.3	6.7	6.7	8.0	5.7	5.6	7.0	6.0	6.3	4.7	6.5
ASC 082	9.0	8.4	6.3	6.7	3.0	7.3	6.3	7.3	6.7	5.3	5.3	6.0	6.0	6.3	4.3	6.5
SRX 52961	9.0	8.1	8.3	6.6	2.7	7.3	6.7	5.5	8.7	6.0	5.9	8.3	6.0	7.3	4.7	6.5
ABT-CR-2	9.0	8.9	7.7	6.3	3.7	8.3	7.0	5.8	7.0	6.8	5.4	7.7	6.0	6.7	4.0	6.5
ABERDEEN (PST-EFL)	9.0	8.6	8.0	6.6	3.3	8.0	7.5	6.1	8.3	5.5	5.7	7.0	6.3	6.3	4.7	6.5
ROSE (ASC 087)	9.0	7.3	6.0	6.2	2.0	6.3	7.3	7.7	7.7	5.5	5.3	6.3	6.0	6.3	4.7	6.4
SALSA	9.0	7.9	6.0	6.8	5.0	6.0	7.5	5.8	7.0	5.3	5.9	7.0	5.3	6.7	4.3	6.4
INVERNESS (PST-47TCR)	9.0	8.0	7.0	6.3	4.0	7.7	7.2	6.2	6.7	5.8	5.8	6.7	5.3	7.0	4.0	6.3
FLORENTINE	9.0	7.9	6.3	6.3	5.3	7.3	7.8	5.8	7.3	5.3	5.7	7.0	6.3	7.0	4.3	6.3
SHADEMARK	9.0	8.6	6.7	6.3	4.0	7.0	7.2	6.5	7.0	5.7	5.2	6.0	5.7	6.0	4.0	6.3
DGSC 94	9.0	7.9	6.3	6.6	2.7	8.0	7.0	6.4	8.0	5.8	5.7	4.3	5.7	6.3	4.0	6.3
SR 5210 (SRX 52LAV)	8.7	8.8	7.3	6.6	3.7	6.7	6.5	5.5	7.0	5.7	5.6	7.7	5.7	6.3	4.7	6.2
NAVIGATOR (CIS FRR 5)	9.0	8.9	7.0	6.4	3.3	7.7	6.7	4.1	7.3	5.5	5.7	8.3	6.0	7.0	4.7	6.2
CINDY LOU (CIS FRR 7)	9.0	8.3	7.7	6.3	3.0	8.0	7.5	4.1	7.3	6.2	5.8	8.0	6.0	6.7	5.0	6.2
BOREAL	8.7	6.4	5.7	6.2	3.0	6.7	7.0	6.3	8.0	5.2	5.3	3.7	5.7	6.3	4.3	6.0
COMMON CREEPING RED	7.0	7.2	5.7	6.6	3.0	6.0	6.8	6.8	7.0	3.3	5.2	3.0	5.0	6.0	4.0	6.0
ASC 172	8.3	6.9	6.3	6.1	3.3	6.3	6.3	6.3	5.7	6.0	4.6	5.0	4.7	6.3	4.0	5.9
LSD VALUE	0.7	1.6	1.6	0.5	2.8	1.3	1.4	3.4	2.2	1.2	0.9	1.8	0.9	0.8	0.8	0.8
C.V. (%)	4.8	12.5	14.6	5.3	46.9	11.1	12.6	34.2	18.4	14.2	9.7	16.6	9.7	7.7	10.8	19.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13E.

FALL DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
STONEHENGE (AHF 009)	9.0	8.0	6.0	7.2	4.7	6.7	6.8	8.0	8.0	3.0	6.6	6.7	5.7	6.7	3.7	7.0
SRX 3961	9.0	7.6	7.3	6.8	3.3	6.0	6.3	7.8	8.0	5.2	6.4	9.0	6.0	7.3	5.7	6.9
OXFORD	9.0	8.0	6.3	6.8	3.7	7.0	6.7	7.8	8.0	5.3	6.3	7.3	6.3	7.0	5.0	6.9
EUREKA II (CIS FL 11)	9.0	7.9	5.3	6.9	4.0	6.3	5.8	8.5	8.0	5.5	6.1	7.7	5.3	6.3	4.7	6.9
NORDIC (E)	9.0	7.8	4.7	6.7	3.0	7.3	6.8	8.1	7.3	3.0	6.4	7.7	5.7	7.0	4.3	6.9
ABT-HF-2	8.7	7.2	6.0	6.9	5.0	6.3	6.0	8.0	7.3	5.0	6.6	8.7	5.7	6.7	4.0	6.8
DISCOVERY	9.0	7.1	5.0	6.6	5.0	7.0	6.5	8.0	7.7	2.5	6.3	6.3	6.3	6.7	5.3	6.7
HERON	9.0	7.2	4.7	6.9	4.7	6.3	5.7	8.3	7.3	5.0	5.9	6.3	6.0	6.3	4.7	6.7
CHARIOT (CIS FL 12)	9.0	8.3	5.3	6.6	2.0	6.3	6.3	8.1	7.3	5.0	6.1	7.0	5.7	7.0	5.0	6.7
RELIANT II	9.0	7.6	4.7	6.6	2.3	6.0	5.8	8.6	7.3	4.8	6.3	7.0	6.3	6.7	4.7	6.7
MINOTAUR	9.0	7.4	4.3	6.7	5.3	6.7	6.5	7.8	7.7	.	5.7	4.0	5.3	6.3	4.3	6.7
HARDTOP (BAR HF 8 FUS)	9.0	8.0	5.7	6.9	4.7	7.0	6.8	6.6	7.0	5.0	6.0	8.3	6.3	7.0	5.0	6.7
OSPREY	9.0	7.4	3.3	6.9	3.0	6.3	6.3	7.7	8.3	2.0	6.6	7.3	5.7	6.3	4.3	6.7
BERKSHIRE (4001)	9.0	8.3	5.7	7.0	3.3	6.7	6.5	5.4	7.7	3.0	6.2	8.7	6.0	7.3	5.3	6.6
SCALDIS II (AHF 008)	9.0	7.2	5.0	6.4	4.7	6.7	6.8	7.7	8.0	3.0	6.3	4.3	5.3	6.7	4.7	6.6
ABT-HF-3	9.0	7.9	5.7	6.6	3.3	6.0	6.3	7.8	7.7	5.3	5.9	5.7	6.0	6.0	4.3	6.6
VIKING (ABT-HF1)	9.0	7.6	6.0	6.9	2.3	6.3	6.2	6.6	8.0	5.3	6.2	8.7	5.7	6.7	5.3	6.6
PICK FF A-97	9.0	8.2	5.0	6.7	4.7	6.7	6.2	7.1	7.7	2.5	6.1	7.7	6.0	6.3	4.7	6.6
RESCUE 911	9.0	7.4	5.3	6.7	3.0	7.7	6.3	6.8	7.7	3.5	6.3	7.0	5.7	6.7	4.7	6.6
MB-82	8.7	7.0	4.3	6.6	4.3	6.0	6.0	7.7	7.7	4.7	6.2	8.0	5.7	6.0	4.7	6.5
ATTILA E	8.0	8.1	4.3	6.9	2.3	5.7	6.5	7.7	8.0	5.3	6.0	5.3	5.3	6.3	5.0	6.5
SCALDIS	9.0	7.8	3.0	6.8	3.7	7.3	6.0	6.8	7.3	5.5	6.1	8.3	5.0	6.0	3.7	6.5
DEFIANT	8.7	7.8	4.7	6.6	4.0	5.7	6.2	7.2	8.0	5.3	6.0	6.7	6.0	6.3	4.0	6.5
ABT-HF-4	8.7	8.1	4.3	6.8	3.3	6.3	6.3	7.8	6.7	4.7	5.8	5.3	5.7	6.0	4.3	6.5
PST-4HM	9.0	7.8	5.0	6.7	3.7	6.7	6.2	5.4	7.3	5.5	6.3	7.3	6.0	6.3	4.7	6.4
BIGHORN	9.0	7.4	5.7	6.3	3.7	6.0	6.5	7.3	7.3	4.8	5.7	5.7	4.7	5.7	4.3	6.3
LSD VALUE	0.4	1.8	1.5	0.8	3.1	1.5	1.3	1.9	1.1	0.9	0.8	2.2	0.8	0.8	1.1	0.6
C.V. (%)	2.5	15.3	18.8	7.0	52.0	14.2	13.0	15.9	8.8	15.0	8.7	19.1	9.0	7.4	14.5	13.4

TABLE 13F.

FALL DENSITY RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
	CA1	KS1	KY1	MI1	MI2	MO1	MT1	NE1	NS1	OK1	QE1	RI1	WA3	WI1	WI2	MEAN
PST-4MB	9.0	7.9	6.7	6.6	4.0	6.7	7.0	8.1	7.3	.	5.7	6.0	6.0	6.0	4.3	6.9
SR 3200	9.0	8.1	5.0	6.6	3.7	5.7	6.3	8.3	7.0	5.0	5.8	5.0	5.0	6.0	4.7	6.6
QUATRO	8.7	7.0	2.3	6.4	3.0	6.3	6.2	7.9	8.3	4.5	6.1	7.7	7.0	6.0	5.0	6.4
SR 6000	8.0	6.3	4.0	6.1	3.7	6.0	6.7	7.3	5.0	5.0	4.1	3.3	6.7	6.3	5.0	5.9
LSD VALUE	0.5	2.1	1.9	0.7	2.2	2.4	1.5	1.3	1.5	1.1	0.3	1.9	0.5	0.5	1.0	0.5
C.V. (%)	3.3	18.5	26.4	6.3	38.6	24.3	14.2	10.3	13.8	23.7	3.5	21.6	4.7	4.7	13.6	12.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14A.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	CA1	KY1	ME1	ME2	MI1	MI2	MO1	NC1	NC2	NS1	OK1	WI1	WI2	MEAN
LONGFELLOW II	98.3	96.0	86.7	86.7	90.0	63.3	82.5	90.7	79.7	84.8	79.0	95.7	95.0	87.5
SRX 52961	95.3	94.7	88.3	88.3	87.5	66.7	77.5	93.3	78.3	88.2	82.9	91.0	89.0	86.8
NAVIGATOR (CIS FRR 5)	97.7	83.3	91.7	85.0	85.0	65.0	81.3	97.7	77.2	80.6	82.7	94.3	90.2	86.1
AMBASSADOR	98.3	92.7	88.3	85.0	89.2	71.7	79.2	90.7	73.7	89.1	71.5	95.5	91.7	85.9
CINDY LOU (CIS FRR 7)	97.0	86.7	88.3	71.7	88.3	55.0	77.5	98.3	79.7	84.9	79.2	89.2	90.0	84.9
ABERDEEN (PST-EFL)	97.7	92.7	91.7	78.3	81.7	70.0	81.3	87.7	76.3	82.8	79.8	91.0	88.0	84.8
MAGIC	96.2	86.7	83.3	85.0	87.5	75.0	84.2	97.7	84.0	88.6	64.8	94.8	89.0	84.7
JASPER II	98.3	90.0	90.0	78.3	87.5	58.3	77.5	97.0	75.7	83.8	71.3	92.8	92.0	83.8
ABT-CHW-2	97.0	99.0	91.3	75.0	90.8	65.0	81.3	80.7	75.5	91.2	62.9	94.5	89.8	83.8
TREAZURE (E)	96.8	91.7	93.3	88.3	89.2	76.7	80.8	89.7	75.7	89.6	52.9	91.8	90.7	82.3
ABT-CR-3	95.2	93.0	93.3	88.3	82.5	70.0	80.0	95.0	77.0	84.8	59.6	91.2	87.2	81.7
WRIGLEY (ACF 092)	97.0	92.3	90.0	88.3	84.2	75.0	81.7	93.7	79.3	83.1	54.3	92.8	90.2	81.5
BRIDGEPORT	97.7	80.0	93.3	90.0	88.3	68.3	78.0	86.3	80.8	86.6	53.8	93.5	93.5	81.2
BRITTANY	97.0	86.7	91.3	88.3	86.7	70.0	76.7	94.0	77.3	82.7	54.1	92.5	90.7	80.7
SHADEMASTER II	98.3	93.0	97.7	85.0	84.2	70.0	76.7	95.0	82.0	76.0	56.4	92.7	85.2	80.1
PATHFINDER	96.3	78.3	91.7	85.0	87.5	63.3	72.5	96.0	73.5	82.8	57.9	92.2	89.5	79.8
DGSC 94	98.3	89.3	96.3	88.3	85.0	55.0	75.8	87.7	81.3	75.6	61.4	90.5	85.8	79.6
PICK FRC A-93	97.0	91.3	85.0	85.0	86.7	71.7	75.8	86.7	79.7	83.8	50.8	94.2	82.2	79.4
AMBROSE (ABT-CHW-3)	97.7	96.0	91.3	91.7	88.3	75.0	83.8	89.0	78.0	87.0	34.8	95.0	91.2	79.1
SILHOUETTE (PICK FRC 4-92)	95.5	94.7	91.7	88.3	89.2	76.7	75.0	98.0	81.7	87.3	37.3	93.3	91.5	79.1
ABT-CHW-1	96.3	88.3	88.3	83.3	85.8	53.3	80.8	84.3	.	88.7	43.3	94.7	93.3	78.8
SR 5100	96.2	76.7	91.7	88.3	87.5	60.0	83.3	88.0	80.0	87.0	40.3	93.7	93.3	78.6
INTRIGUE	96.3	94.7	93.3	86.7	90.0	78.3	80.5	67.7	70.7	89.8	35.1	93.2	93.0	78.1
CULOMBRA	96.2	80.0	93.3	88.3	86.7	61.7	81.3	90.3	81.3	87.2	38.7	93.2	91.5	78.0
INVERNESS (PST-47TCR)	98.3	86.7	86.7	76.7	80.0	63.3	74.2	90.7	73.5	62.2	66.5	91.2	83.8	77.6
BARGENA III (BAR CF 8 FUS1)	97.0	80.0	85.0	90.0	85.8	55.0	77.5	94.3	75.3	77.6	54.8	81.5	85.3	77.4
SR 5210 (SRX 52LAV)	97.7	76.7	90.0	85.0	85.8	55.0	74.2	94.3	78.0	70.0	55.1	91.2	85.0	77.3
TIFFANY	97.7	89.7	90.0	85.0	88.3	68.3	74.2	94.0	76.8	83.8	33.1	94.3	94.7	77.2
BAR CHF 8 FUS2	92.3	73.3	86.7	86.7	87.5	68.3	82.0	92.7	84.2	88.8	34.0	91.2	89.8	77.0
SANDPIPER	97.7	83.3	93.3	90.0	86.7	66.7	75.2	88.0	83.3	87.3	28.9	95.2	90.5	76.7
ASC 082	97.0	80.0	86.7	80.0	83.3	53.3	78.3	97.3	76.2	72.8	50.3	89.2	85.3	76.3
JAMESTOWN II	91.7	81.7	95.0	91.7	85.0	63.3	82.5	83.3	76.3	89.8	30.4	93.7	91.5	76.2
MB-63	97.0	73.3	93.3	91.7	85.8	58.3	81.7	98.3	80.0	67.7	46.0	91.2	86.7	76.2
ACF 083	96.8	81.7	81.7	90.0	85.0	78.3	68.3	89.7	78.7	76.6	38.1	96.0	92.3	75.9
PST-4FR	99.0	78.3	81.7	83.3	85.8	66.7	75.0	96.0	75.3	73.3	46.3	88.7	86.3	75.8
VIKING (ABT-HF1)	98.3	97.7	91.7	93.3	89.2	61.7	42.5	94.7	78.8	83.8	39.6	93.0	82.8	75.5
BANNER III	97.7	73.3	78.3	78.3	87.5	65.0	79.2	98.0	78.3	87.0	27.6	92.5	90.7	75.4
ABT-CR-2	97.7	83.3	85.0	81.7	84.2	70.0	81.7	95.0	75.5	68.2	38.3	92.5	90.3	75.1
SHADEMARK	97.7	75.0	93.3	78.3	81.7	51.7	72.5	92.7	76.8	70.0	51.9	89.5	84.7	74.9
SALSA	97.0	75.0	96.3	88.3	81.7	60.0	57.5	89.3	79.2	69.3	43.9	95.2	90.0	74.1
SHADOW II	98.3	88.0	81.7	76.7	88.3	71.7	70.8	71.0	75.5	81.6	29.5	93.7	88.2	74.1
FLORENTINE	95.5	91.3	90.0	81.7	83.3	68.3	70.8	93.7	79.5	69.4	35.8	93.0	85.7	73.7
SRX 3961	98.3	94.7	93.0	91.7	90.8	73.3	39.2	89.7	70.8	83.0	29.3	92.5	90.5	73.3
BERKSHIRE (4001)	96.0	95.0	91.3	93.3	90.8	73.3	45.0	76.7	74.7	80.6	29.9	90.0	85.3	72.5
HARDTOP (BAR HF 8 FUS)	97.5	96.0	88.3	88.3	88.3	83.3	51.7	89.7	72.8	78.3	27.0	91.2	82.7	72.3

TABLE 14A. (CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	CA1	KY1	ME1	ME2	MI1	MI2	MO1	NC1	NC2	NS1	OK1	WI1	WI2	MEAN
PST-4HM	97.7	85.7	80.0	86.7	89.2	70.0	40.0	74.7	67.0	78.3	41.1	91.2	83.8	72.1
ROSE (ASC 087)	97.0	78.3	91.7	86.7	80.8	61.7	61.7	80.0	78.2	67.8	43.4	86.3	85.8	71.9
OXFORD	98.3	97.7	85.0	85.0	90.8	73.3	49.2	82.7	71.5	77.8	31.2	88.7	83.3	71.9
SEABREEZE	96.3	78.3	93.3	83.3	84.2	55.0	74.2	85.7	78.8	73.8	26.0	93.3	87.0	71.9
EUREKA II (CIS FL 11)	97.7	76.7	76.7	85.0	89.2	68.3	41.7	89.0	79.0	76.7	39.6	90.5	80.0	71.6
ABT-HF-2	97.0	89.0	81.7	85.0	90.0	73.3	54.2	85.7	72.5	83.1	27.0	89.3	80.5	71.6
DISCOVERY	95.5	83.3	90.0	88.3	90.8	80.0	52.5	82.7	69.2	80.4	23.9	91.5	84.3	71.2
BAR SCF 8 FUS3	95.7	88.3	88.3	81.7	88.3	65.0	42.5	93.3	69.3	73.2	32.8	91.5	89.8	71.2
NORDIC (E)	96.8	81.7	90.0	73.3	86.7	71.7	50.8	94.3	68.0	79.8	26.5	92.0	86.5	70.9
PST-4MB	97.7	96.0	90.0	83.3	90.0	75.0	50.0	78.7	69.2	80.0	22.1	87.7	85.2	70.8
RELIANT II	97.7	92.3	83.3	81.7	89.2	55.0	36.7	87.3	75.8	78.8	26.9	90.7	87.3	70.1
ASR 049	95.5	85.0	94.3	81.7	84.2	65.0	37.5	81.7	74.8	74.3	30.6	92.8	87.2	70.0
PICK FF A-97	97.0	78.3	90.0	86.7	88.3	68.3	49.2	76.3	74.8	79.9	24.3	89.0	83.0	69.8
BOREAL	97.0	78.3	93.3	88.3	82.5	65.0	49.2	89.0	76.7	73.2	29.2	88.7	82.7	69.5
CHARIOT (CIS FL 12)	97.0	83.3	85.0	81.7	88.3	55.0	39.2	70.0	73.2	87.2	26.2	92.5	82.3	69.3
SCALDIS	97.0	75.0	86.7	86.7	90.0	70.0	48.3	61.7	64.7	80.4	31.3	86.8	80.8	69.3
DEFIANT	96.3	78.3	88.3	90.0	86.7	68.3	40.0	55.0	61.7	71.7	42.3	88.8	78.2	69.1
COMMON CREEPING RED	95.3	71.7	93.3	90.0	79.2	56.7	50.8	81.7	80.8	75.6	28.8	92.0	77.7	68.8
MINOTAUR	99.0	79.0	95.0	81.7	87.5	78.3	47.5	76.7	65.0	78.3	24.0	87.7	78.2	68.5
STONEHENGE (AHF 009)	96.0	91.7	80.0	85.0	88.3	73.3	35.8	61.7	74.0	78.9	26.5	90.8	82.7	68.4
RESCUE 911	96.2	80.7	85.0	81.7	90.8	71.7	46.7	59.3	72.8	84.4	21.8	88.0	75.7	68.3
ABT-HF-3	95.2	71.7	88.3	86.7	89.2	81.7	48.3	86.7	65.8	76.7	24.4	81.3	80.2	68.2
DAWSON E+	93.3	55.0	90.0	88.3	86.7	68.3	45.8	79.3	68.3	81.7	22.8	90.2	88.5	68.1
HERON	97.7	85.7	83.3	86.7	89.2	75.0	39.2	71.7	72.5	76.7	26.0	88.5	75.5	68.1
ABT-HF-4	96.3	76.7	90.0	86.7	90.8	61.7	40.8	65.0	70.3	78.9	22.3	89.7	79.7	67.5
SCALDIS II (AHF 008)	96.3	85.0	90.0	83.3	83.3	68.3	47.5	57.3	61.7	74.3	24.6	90.2	85.2	67.0
SR 3200	97.0	66.7	88.3	91.7	86.7	70.0	31.7	85.7	69.2	76.7	34.6	80.3	66.8	66.8
ASC 172	93.2	76.7	73.3	71.7	78.3	53.3	49.2	88.3	70.8	59.4	42.1	83.0	78.0	66.7
ATTILA E	91.0	73.3	88.3	86.7	88.3	68.3	42.5	48.3	65.8	80.0	27.3	89.5	80.7	66.6
BIGHORN	97.7	68.3	88.3	90.0	88.3	60.0	41.7	78.3	73.3	72.8	25.5	79.3	76.5	66.3
OSPREY	97.0	76.7	73.3	75.0	86.7	60.0	55.0	66.7	64.2	76.6	19.3	88.8	76.7	66.0
MB-82	93.8	73.3	83.3	78.3	88.3	65.0	40.0	82.7	57.5	81.1	20.1	82.5	76.3	65.3
QUATRO	96.3	28.3	84.7	80.0	85.0	66.7	39.2	69.7	73.3	81.4	26.1	87.8	79.0	65.0
SR 6000	96.8	52.3	76.7	86.7	78.3	61.7	53.3	65.0	44.2	66.1	36.0	65.2	62.5	60.4
LSD VALUE	4.6	13.3	11.1	14.2	6.5	19.3	28.6	27.2	16.1	21.2	31.0	10.8	10.2	8.9
C.V. (%)	3.0	10.0	7.8	10.4	4.6	18.0	28.3	20.0	14.6	17.5	66.9	7.4	7.7	17.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14B.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/												MEAN	
	CA1	KY1	ME1	ME2	MI1	MI2	MO1	NC1	NC2	NS1	OK1	WI1		WI2
LONGFELLOW II	98.3	96.0	86.7	86.7	90.0	63.3	82.5	90.7	79.7	84.8	79.0	95.7	95.0	87.5
AMBASSADOR	98.3	92.7	88.3	85.0	89.2	71.7	79.2	90.7	73.7	89.1	71.5	95.5	91.7	85.9
MAGIC	96.2	86.7	83.3	85.0	87.5	75.0	84.2	97.7	84.0	88.6	64.8	94.8	89.0	84.7
ABT-CHW-2	97.0	99.0	91.3	75.0	90.8	65.0	81.3	80.7	75.5	91.2	62.9	94.5	89.8	83.8
TREAZURE (E)	96.8	91.7	93.3	88.3	89.2	76.7	80.8	89.7	75.7	89.6	52.9	91.8	90.7	82.3
WRIGLEY (ACF 092)	97.0	92.3	90.0	88.3	84.2	75.0	81.7	93.7	79.3	83.1	54.3	92.8	90.2	81.5
BRIDGEPORT	97.7	80.0	93.3	90.0	88.3	68.3	78.0	86.3	80.8	86.6	53.8	93.5	93.5	81.2
BRITTANY	97.0	86.7	91.3	88.3	86.7	70.0	76.7	94.0	77.3	82.7	54.1	92.5	90.7	80.7
PICK FRC A-93	97.0	91.3	85.0	85.0	86.7	71.7	75.8	86.7	79.7	83.8	50.8	94.2	82.2	79.4
AMBROSE (ABT-CHW-3)	97.7	96.0	91.3	91.7	88.3	75.0	83.8	89.0	78.0	87.0	34.8	95.0	91.2	79.1
SILHOUETTE (PICK FRC 4-92)	95.5	94.7	91.7	88.3	89.2	76.7	75.0	98.0	81.7	87.3	37.3	93.3	91.5	79.1
ABT-CHW-1	96.3	88.3	88.3	83.3	85.8	53.3	80.8	84.3	.	88.7	43.3	94.7	93.3	78.8
SR 5100	96.2	76.7	91.7	88.3	87.5	60.0	83.3	88.0	80.0	87.0	40.3	93.7	93.3	78.6
INTRIGUE	96.3	94.7	93.3	86.7	90.0	78.3	80.5	67.7	70.7	89.8	35.1	93.2	93.0	78.1
CULOMBRA	96.2	80.0	93.3	88.3	86.7	61.7	81.3	90.3	81.3	87.2	38.7	93.2	91.5	78.0
TIFFANY	97.7	89.7	90.0	85.0	88.3	68.3	74.2	94.0	76.8	83.8	33.1	94.3	94.7	77.2
BAR CHF 8 FUS2	92.3	73.3	86.7	86.7	87.5	68.3	82.0	92.7	84.2	88.8	34.0	91.2	89.8	77.0
SANDPIPER	97.7	83.3	93.3	90.0	86.7	66.7	75.2	88.0	83.3	87.3	28.9	95.2	90.5	76.7
JAMESTOWN II	91.7	81.7	95.0	91.7	85.0	63.3	82.5	83.3	76.3	89.8	30.4	93.7	91.5	76.2
MB-63	97.0	73.3	93.3	91.7	85.8	58.3	81.7	98.3	80.0	67.7	46.0	91.2	86.7	76.2
ACF 083	96.8	81.7	81.7	90.0	85.0	78.3	68.3	89.7	78.7	76.6	38.1	96.0	92.3	75.9
BANNER III	97.7	73.3	78.3	78.3	87.5	65.0	79.2	98.0	78.3	87.0	27.6	92.5	90.7	75.4
SHADOW II	98.3	88.0	81.7	76.7	88.3	71.7	70.8	71.0	75.5	81.6	29.5	93.7	88.2	74.1
LSD VALUE	4.2	11.5	11.3	11.6	5.6	18.4	15.4	26.6	11.4	14.1	30.2	6.2	7.9	7.7
C.V. (%)	2.7	8.3	7.9	8.4	4.0	16.6	12.8	18.6	10.6	10.6	58.9	4.1	5.5	14.3

TABLE 14C.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/												MEAN	
	CA1	KY1	ME1	ME2	MI1	MI2	MO1	NC1	NC2	NS1	OK1	WI1		WI2
SEABREEZE	96.3	78.3	93.3	83.3	84.2	55.0	74.2	85.7	78.8	73.8	26.0	93.3	87.0	71.9
BAR SCF 8 FUS3	95.7	88.3	88.3	81.7	88.3	65.0	42.5	93.3	69.3	73.2	32.8	91.5	89.8	71.2
ASR 049	95.5	85.0	94.3	81.7	84.2	65.0	37.5	81.7	74.8	74.3	30.6	92.8	87.2	70.0
DAWSON E+	93.3	55.0	90.0	88.3	86.7	68.3	45.8	79.3	68.3	81.7	22.8	90.2	88.5	68.1
LSD VALUE	3.6	19.6	10.1	16.3	5.7	22.5	36.9	19.2	17.3	18.7	18.3	8.5	8.2	7.8
C.V. (%)	2.4	15.9	6.8	12.1	4.1	22.1	45.1	14.0	16.2	16.8	120.8	5.8	5.9	16.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14D.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	CA1	KY1	ME1	ME2	MI1	MI2	MO1	NC1	NC2	NS1	OK1	WI1	WI2	MEAN
SRX 52961	95.3	94.7	88.3	88.3	87.5	66.7	77.5	93.3	78.3	88.2	82.9	91.0	89.0	86.8
NAVIGATOR (CIS FRR 5)	97.7	83.3	91.7	85.0	85.0	65.0	81.3	97.7	77.2	80.6	82.7	94.3	90.2	86.1
CINDY LOU (CIS FRR 7)	97.0	86.7	88.3	71.7	88.3	55.0	77.5	98.3	79.7	84.9	79.2	89.2	90.0	84.9
ABERDEEN (PST-EFL)	97.7	92.7	91.7	78.3	81.7	70.0	81.3	87.7	76.3	82.8	79.8	91.0	88.0	84.8
JASPER II	98.3	90.0	90.0	78.3	87.5	58.3	77.5	97.0	75.7	83.8	71.3	92.8	92.0	83.8
ABT-CR-3	95.2	93.0	93.3	88.3	82.5	70.0	80.0	95.0	77.0	84.8	59.6	91.2	87.2	81.7
SHADEMASTER II	98.3	93.0	97.7	85.0	84.2	70.0	76.7	95.0	82.0	76.0	56.4	92.7	85.2	80.1
PATHFINDER	96.3	78.3	91.7	85.0	87.5	63.3	72.5	96.0	73.5	82.8	57.9	92.2	89.5	79.8
DGSC 94	98.3	89.3	96.3	88.3	85.0	55.0	75.8	87.7	81.3	75.6	61.4	90.5	85.8	79.6
INVERNESS (PST-47TCR)	98.3	86.7	86.7	76.7	80.0	63.3	74.2	90.7	73.5	62.2	66.5	91.2	83.8	77.6
BARGENA III (BAR CF 8 FUS1)	97.0	80.0	85.0	90.0	85.8	55.0	77.5	94.3	75.3	77.6	54.8	81.5	85.3	77.4
SR 5210 (SRX 52LAV)	97.7	76.7	90.0	85.0	85.8	55.0	74.2	94.3	78.0	70.0	55.1	91.2	85.0	77.3
ASC 082	97.0	80.0	86.7	80.0	83.3	53.3	78.3	97.3	76.2	72.8	50.3	89.2	85.3	76.3
PST-4FR	99.0	78.3	81.7	83.3	85.8	66.7	75.0	96.0	75.3	73.3	46.3	88.7	86.3	75.8
ABT-CR-2	97.7	83.3	85.0	81.7	84.2	70.0	81.7	95.0	75.5	68.2	38.3	92.5	90.3	75.1
SHADEMARK	97.7	75.0	93.3	78.3	81.7	51.7	72.5	92.7	76.8	70.0	51.9	89.5	84.7	74.9
SALSA	97.0	75.0	96.3	88.3	81.7	60.0	57.5	89.3	79.2	69.3	43.9	95.2	90.0	74.1
FLORENTINE	95.5	91.3	90.0	81.7	83.3	68.3	70.8	93.7	79.5	69.4	35.8	93.0	85.7	73.7
ROSE (ASC 087)	97.0	78.3	91.7	86.7	80.8	61.7	61.7	80.0	78.2	67.8	43.4	86.3	85.8	71.9
BOREAL	97.0	78.3	93.3	88.3	82.5	65.0	49.2	89.0	76.7	73.2	29.2	88.7	82.7	69.5
COMMON CREEPING RED	95.3	71.7	93.3	90.0	79.2	56.7	50.8	81.7	80.8	75.6	28.8	92.0	77.7	68.8
ASC 172	93.2	76.7	73.3	71.7	78.3	53.3	49.2	88.3	70.8	59.4	42.1	83.0	78.0	66.7
LSD VALUE	4.2	14.5	8.1	15.1	8.3	20.9	23.7	11.3	18.2	25.8	34.9	11.3	8.0	9.7
C.V. (%)	2.7	10.8	5.6	11.3	6.2	21.1	20.4	7.6	15.5	23.4	47.3	7.8	6.0	18.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 14E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/													MEAN
	CA1	KY1	ME1	ME2	MI1	MI2	M01	NC1	NC2	NS1	OK1	WI1	WI2	
VIKING (ABT-HF1)	98.3	97.7	91.7	93.3	89.2	61.7	42.5	94.7	78.8	83.8	39.6	93.0	82.8	75.5
SRX 3961	98.3	94.7	93.0	91.7	90.8	73.3	39.2	89.7	70.8	83.0	29.3	92.5	90.5	73.3
BERKSHIRE (4001)	96.0	95.0	91.3	93.3	90.8	73.3	45.0	76.7	74.7	80.6	29.9	90.0	85.3	72.5
HARDTOP (BAR HF 8 FUS)	97.5	96.0	88.3	88.3	88.3	83.3	51.7	89.7	72.8	78.3	27.0	91.2	82.7	72.3
PST-4HM	97.7	85.7	80.0	86.7	89.2	70.0	40.0	74.7	67.0	78.3	41.1	91.2	83.8	72.1
OXFORD	98.3	97.7	85.0	85.0	90.8	73.3	49.2	82.7	71.5	77.8	31.2	88.7	83.3	71.9
EUREKA II (CIS FL 11)	97.7	76.7	76.7	85.0	89.2	68.3	41.7	89.0	79.0	76.7	39.6	90.5	80.0	71.6
ABT-HF-2	97.0	89.0	81.7	85.0	90.0	73.3	54.2	85.7	72.5	83.1	27.0	89.3	80.5	71.6
DISCOVERY	95.5	83.3	90.0	88.3	90.8	80.0	52.5	82.7	69.2	80.4	23.9	91.5	84.3	71.2
NORDIC (E)	96.8	81.7	90.0	73.3	86.7	71.7	50.8	94.3	68.0	79.8	26.5	92.0	86.5	70.9
RELIANT II	97.7	92.3	83.3	81.7	89.2	55.0	36.7	87.3	75.8	78.8	26.9	90.7	87.3	70.1
PICK FF A-97	97.0	78.3	90.0	86.7	88.3	68.3	49.2	76.3	74.8	79.9	24.3	89.0	83.0	69.8
CHARIOT (CIS FL 12)	97.0	83.3	85.0	81.7	88.3	55.0	39.2	70.0	73.2	87.2	26.2	92.5	82.3	69.3
SCALDIS	97.0	75.0	86.7	86.7	90.0	70.0	48.3	61.7	64.7	80.4	31.3	86.8	80.8	69.3
DEFIANT	96.3	78.3	88.3	90.0	86.7	68.3	40.0	55.0	61.7	71.7	42.3	88.8	78.2	69.1
MINOTAUR	99.0	79.0	95.0	81.7	87.5	78.3	47.5	76.7	65.0	78.3	24.0	87.7	78.2	68.5
STONEHENGE (AHF 009)	96.0	91.7	80.0	85.0	88.3	73.3	35.8	61.7	74.0	78.9	26.5	90.8	82.7	68.4
RESCUE 911	96.2	80.7	85.0	81.7	90.8	71.7	46.7	59.3	72.8	84.4	21.8	88.0	75.7	68.3
ABT-HF-3	95.2	71.7	88.3	86.7	89.2	81.7	48.3	86.7	65.8	76.7	24.4	81.3	80.2	68.2
HERON	97.7	85.7	83.3	86.7	89.2	75.0	39.2	71.7	72.5	76.7	26.0	88.5	75.5	68.1
ABT-HF-4	96.3	76.7	90.0	86.7	90.8	61.7	40.8	65.0	70.3	78.9	22.3	89.7	79.7	67.5
SCALDIS II (AHF 008)	96.3	85.0	90.0	83.3	83.3	68.3	47.5	57.3	61.7	74.3	24.6	90.2	85.2	67.0
ATTILA E	91.0	73.3	88.3	86.7	88.3	68.3	42.5	48.3	65.8	80.0	27.3	89.5	80.7	66.6
BIGHORN	97.7	68.3	88.3	90.0	88.3	60.0	41.7	78.3	73.3	72.8	25.5	79.3	76.5	66.3
OSPREY	97.0	76.7	73.3	75.0	86.7	60.0	55.0	66.7	64.2	76.6	19.3	88.8	76.7	66.0
MB-82	93.8	73.3	83.3	78.3	88.3	65.0	40.0	82.7	57.5	81.1	20.1	82.5	76.3	65.3
LSD VALUE	5.3	13.1	12.0	15.0	5.3	17.8	35.7	34.2	16.7	19.2	26.8	11.4	13.1	9.0
C.V. (%)	3.4	9.7	8.6	10.9	3.7	15.9	52.6	28.2	16.2	16.9	117.3	7.9	10.5	19.5

TABLE 14F. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/													MEAN
	CA1	KY1	ME1	ME2	MI1	MI2	M01	NC1	NC2	NS1	OK1	WI1	WI2	
PST-4MB	97.7	96.0	90.0	83.3	90.0	75.0	50.0	78.7	69.2	80.0	22.1	87.7	85.2	70.8
SR 3200	97.0	66.7	88.3	91.7	86.7	70.0	31.7	85.7	69.2	76.7	34.6	80.3	66.8	66.8
QUATRO	96.3	28.3	84.7	80.0	85.0	66.7	39.2	69.7	73.3	81.4	26.1	87.8	79.0	65.0
SR 6000	96.8	52.3	76.7	86.7	78.3	61.7	53.3	65.0	44.2	66.1	36.0	65.2	62.5	60.4
LSD VALUE	4.0	10.3	17.6	13.9	5.9	20.8	42.9	43.2	14.8	26.8	29.4	17.1	12.1	10.2
C.V. (%)	2.6	10.6	12.9	10.1	4.3	18.9	61.9	35.9	13.9	22.4	104.4	14.2	12.6	23.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15A.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1	WI2	MEAN
LONGFELLOW II	97.7	86.0	85.8	26.7	83.3	96.3	91.0	58.3	31.7	91.7	88.7	92.3	93.0	79.9
NAVIGATOR (CIS FRR 5)	96.7	80.3	88.3	36.7	85.0	96.7	88.3	70.0	31.7	78.3	84.4	90.5	89.8	79.0
JASPER II	96.3	90.0	89.2	26.7	80.0	95.2	81.7	76.7	20.2	85.0	87.7	93.0	93.2	78.4
ABT-CHW-2	97.0	85.0	90.8	40.0	80.0	91.5	86.7	46.7	27.2	88.3	88.2	87.8	87.8	77.8
SRX 52961	91.7	81.7	90.0	26.7	76.7	95.3	78.3	78.3	33.4	73.3	89.0	85.0	86.2	77.3
CINDY LOU (CIS FRR 7)	97.0	85.0	89.2	33.3	76.7	92.8	83.3	55.0	27.0	78.3	87.6	86.0	88.8	77.1
AMBASSADOR	97.5	89.7	88.3	46.7	75.0	95.3	82.7	37.0	23.3	78.3	87.4	86.8	88.3	76.8
ABERDEEN (PST-EFL)	97.5	76.7	90.0	40.0	83.3	91.7	81.7	61.7	25.0	76.7	87.4	89.8	83.3	76.8
ABT-CR-3	97.7	86.7	83.3	46.7	75.0	97.7	78.3	68.3	21.1	75.0	84.1	88.2	83.8	76.0
TREAZURE (E)	97.7	89.7	86.7	53.3	78.3	94.2	88.0	27.0	17.8	85.0	84.0	86.5	88.8	75.6
SHADEMASTER II	96.7	76.7	87.5	46.7	68.3	88.8	81.7	75.0	13.1	78.3	85.9	91.8	81.5	74.4
WRIGLEY (ACF 092)	98.3	80.0	85.0	56.7	81.7	93.0	78.3	17.0	13.2	83.3	89.6	89.5	82.3	74.4
PATHFINDER	94.5	68.3	87.5	60.0	81.7	87.3	83.3	66.7	14.1	80.0	84.6	82.8	87.2	74.0
MAGIC	95.3	83.3	87.5	50.0	83.3	95.8	83.3	44.3	16.0	86.7	80.7	86.8	78.7	73.8
BRIDGEPORT	95.2	71.7	90.8	46.7	78.3	91.7	83.3	32.7	12.6	91.7	80.4	89.3	90.8	73.8
SRX 3961	98.3	81.7	91.7	40.0	55.0	92.5	98.3	46.7	2.7	81.7	91.8	84.2	82.2	73.5
AMBROSE (ABT-CHW-3)	97.7	92.7	89.0	46.7	81.7	97.5	78.3	34.3	8.2	81.7	85.4	84.0	82.3	73.4
INVERNESS (PST-47TCR)	96.3	61.7	90.8	46.7	78.3	88.5	83.3	55.0	17.9	71.7	84.3	86.8	81.0	73.4
ACF 083	97.5	85.0	84.2	46.7	71.7	93.2	76.7	22.7	4.3	83.3	88.2	88.3	89.0	73.1
INTRIGUE	93.3	91.7	89.2	40.0	73.3	91.7	80.0	41.0	5.8	88.3	81.3	89.2	88.2	73.0
HARDTOP (BAR HF 8 FUS)	95.5	90.7	90.0	46.7	68.3	91.3	95.0	56.0	1.2	86.7	91.7	81.3	71.7	72.8
BERKSHIRE (4001)	93.8	80.0	87.5	36.7	56.7	86.5	98.0	71.7	1.8	88.3	94.6	82.7	78.8	72.8
FLORENTINE	94.8	70.0	89.2	56.7	80.0	87.7	78.3	61.7	3.9	75.0	88.9	88.3	80.0	72.7
SHADOW II	98.3	96.0	88.3	43.3	66.7	90.5	78.3	31.7	2.1	86.7	86.3	90.3	79.2	72.4
PICK FRC A-93	96.8	93.0	88.3	43.3	75.0	95.2	86.7	45.0	10.7	86.7	82.6	87.8	66.3	72.3
SR 5100	97.7	89.7	89.8	30.0	83.3	91.5	75.0	18.3	6.4	80.0	84.1	90.7	84.2	72.3
ABT-CR-2	96.2	61.7	87.5	43.3	81.7	87.0	75.0	38.3	14.7	70.0	85.2	85.0	88.8	72.2
SR 5210 (SRX 52LAV)	96.2	87.3	84.2	43.3	76.7	92.5	88.3	37.3	14.0	66.7	82.4	84.5	78.2	72.0
OXFORD	97.7	81.7	91.7	43.3	66.7	94.2	97.0	39.0	2.7	88.3	92.9	83.0	66.0	71.9
SILHOUETTE (PICK FRC 4-92)	97.7	68.3	90.0	60.0	80.0	96.7	83.3	24.0	5.7	83.3	75.4	86.0	86.7	71.6
PST-4FR	97.7	53.3	89.2	46.7	83.3	79.7	80.0	56.7	7.4	76.7	84.3	87.8	85.5	71.6
CULOMBRA	94.7	86.3	80.8	50.0	78.3	93.7	86.7	15.0	5.6	91.7	82.7	82.8	85.0	71.3
BRITTANY	96.3	78.3	85.0	43.3	81.7	96.8	85.0	30.0	11.2	86.7	77.7	81.3	79.0	71.2
TIFFANY	97.7	50.0	87.3	40.0	68.3	96.0	78.3	40.7	2.3	85.0	83.6	89.2	85.8	70.8
BARGENA III (BAR CF 8 FUS1)	95.7	58.3	87.5	43.3	73.3	81.8	78.3	50.0	11.6	71.7	86.2	84.3	81.8	70.8
BAR CHF 8 FUS2	95.7	53.3	90.0	36.7	80.0	94.7	81.7	12.7	9.8	88.3	82.7	81.0	86.8	70.7
BAR SCF 8 FUS3	93.2	63.3	85.8	53.3	50.0	88.8	91.0	19.0	4.2	88.3	91.0	86.0	82.0	70.6
ABT-CHW-1	96.8	90.0	85.8	26.7	80.0	96.2	.	18.3	6.4	75.0	80.9	87.5	85.7	70.5
DISCOVERY	95.5	76.7	86.7	50.0	58.3	88.8	92.3	25.7	0.4	86.7	88.7	85.2	74.5	70.2
RELIANT II	97.7	68.3	92.5	26.7	53.3	88.8	96.7	41.7	2.1	86.7	90.8	83.3	71.0	70.1
ABT-HF-2	94.5	76.7	83.3	50.0	75.0	90.0	91.7	60.0	2.1	81.7	90.7	80.7	62.2	70.1
VIKING (ABT-HF1)	97.0	61.7	86.7	23.3	46.7	90.5	93.7	56.7	6.1	81.7	90.2	78.3	79.2	70.1
BANNER III	94.8	70.0	87.5	46.7	75.0	95.3	78.3	19.0	4.3	84.7	82.1	82.3	82.2	70.0
NORDIC (E)	98.3	70.0	87.5	33.3	71.7	87.5	89.3	39.3	1.6	80.0	92.2	81.5	68.8	69.9
MB-63	93.3	74.0	90.8	30.0	85.0	96.8	81.7	27.0	6.6	85.0	80.4	77.2	80.3	69.8

TABLE 15A. (CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1	WI2	MEAN
ABT-HF-3	96.3	83.3	88.3	40.0	63.3	92.7	94.3	37.7	0.8	76.7	91.8	74.5	69.2	69.8
SALSA	98.3	60.0	86.7	53.3	26.7	82.3	65.0	25.7	5.3	78.3	88.2	94.2	85.5	69.4
MINOTAUR	97.0	68.3	91.7	46.7	66.7	93.8	91.0	67.7	0.2	71.7	89.0	70.7	66.7	69.3
SANDPIPER	97.0	55.0	85.8	30.0	68.3	94.8	78.3	22.3	2.4	91.3	82.7	84.8	86.2	69.3
EUREKA II (CIS FL 11)	96.2	70.0	91.5	33.3	68.3	88.8	92.7	31.7	7.0	83.3	89.1	78.0	65.8	69.2
JAMESTOWN II	95.5	61.7	84.2	40.0	83.3	92.7	76.7	14.0	3.1	86.3	85.2	83.3	82.2	69.2
SEABREEZE	92.5	53.3	85.0	36.7	76.7	94.0	87.3	12.7	1.1	85.0	87.9	85.5	82.7	69.2
CHARIOT (CIS FL 12)	95.3	65.0	87.5	23.3	65.0	88.8	95.0	27.3	2.4	86.7	92.2	85.7	67.8	69.2
STONEHENGE (AHF 009)	96.8	76.7	85.0	43.3	65.0	84.0	88.3	20.0	0.6	78.3	94.3	81.3	69.7	69.0
ABT-HF-4	96.3	65.0	92.3	40.0	60.0	86.3	97.0	43.3	2.2	76.7	87.8	73.8	74.2	68.8
PST-4HM	97.5	65.0	87.5	36.7	56.7	83.0	96.0	22.3	9.6	78.3	89.1	77.2	69.3	68.5
ASC 082	93.2	58.3	87.5	33.3	76.7	91.7	78.3	63.3	10.2	75.0	80.4	76.7	70.2	68.4
PST-4MB	94.8	78.3	85.8	46.7	63.3	92.3	96.0	63.3	0.4	76.7	86.8	69.2	66.0	68.3
ROSE (ASC 087)	94.2	68.3	87.5	23.3	73.3	86.3	81.7	19.0	5.2	68.3	84.8	82.5	82.5	68.3
PICK FF A-97	94.0	46.7	92.3	43.3	68.3	90.2	91.7	19.0	0.7	81.7	89.3	82.2	70.0	68.2
OSPREY	97.7	45.0	91.7	36.7	60.0	86.7	94.3	27.3	0.3	83.3	92.4	77.5	70.8	68.0
DAWSON E+	91.7	24.3	87.5	46.7	58.3	89.7	91.0	8.0	0.4	86.7	88.3	87.7	82.7	67.6
RESCUE 911	94.5	70.7	87.5	36.7	73.3	84.3	94.3	31.7	1.6	80.0	88.8	76.2	64.7	67.5
SCALDIS II (AHF 008)	96.3	38.3	86.7	40.0	71.7	85.2	96.0	13.3	1.6	93.0	89.7	81.0	71.0	67.5
DEFIANT	95.7	63.3	90.0	40.0	55.0	87.5	91.7	26.7	3.4	80.0	87.1	78.8	65.8	67.4
HERON	95.2	55.0	85.8	46.7	58.3	91.3	94.0	15.7	2.7	86.7	89.1	71.7	71.2	67.2
QUATRO	97.0	37.3	92.5	30.0	66.7	89.3	93.3	36.7	1.8	73.3	93.0	75.3	65.3	67.2
SHADEMARK	93.8	45.0	83.3	43.3	76.7	77.3	73.3	27.7	8.9	75.0	84.1	78.7	82.8	67.1
DGSC 94	96.8	50.0	82.5	26.7	75.0	77.2	76.7	45.0	11.9	66.7	83.3	76.3	79.8	66.9
ASR 049	97.7	21.0	80.8	40.0	38.3	87.7	91.0	13.3	2.1	78.3	87.9	90.5	80.5	66.3
ATTILA E	89.2	32.3	89.2	23.3	50.0	82.5	95.7	32.7	3.9	85.0	86.6	82.7	70.3	65.5
BIGHORN	95.7	58.3	90.0	36.7	53.3	88.3	90.0	18.3	1.0	85.0	86.6	63.3	67.7	65.0
MB-82	91.3	48.3	88.3	46.7	61.7	88.3	90.0	15.3	0.7	70.0	90.8	70.0	65.8	65.0
SCALDIS	94.8	22.7	85.8	36.7	63.3	84.7	97.3	16.7	1.9	85.0	90.6	68.0	71.5	64.7
ASC 172	91.7	35.0	82.5	26.7	78.3	81.3	78.3	55.0	10.4	60.0	80.8	70.0	68.0	63.9
BOREAL	96.3	36.7	86.5	33.3	55.0	82.5	71.7	6.3	1.4	81.7	76.9	71.3	76.3	62.3
SR 3200	95.0	30.7	85.8	43.3	40.0	88.8	97.0	11.3	3.0	86.7	84.9	70.0	55.0	62.1
COMMON CREEPING RED	89.2	45.0	78.3	26.7	48.3	75.3	75.0	10.7	1.6	80.0	79.9	82.5	70.3	61.2
SR 6000	97.0	18.3	84.2	40.0	56.7	65.0	60.0	2.7	8.6	81.7	74.4	50.0	50.8	54.8
LSD VALUE	5.0	22.6	9.9	27.6	23.4	12.1	13.7	27.2	14.6	14.4	10.3	13.5	13.5	7.0
C.V. (%)	3.2	21.1	7.1	42.7	21.0	8.6	9.9	46.8	110.7	11.1	7.6	10.5	12.1	14.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/												MEAN	
	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1		WI2
LONGFELLOW II	97.7	86.0	85.8	26.7	83.3	96.3	91.0	58.3	31.7	91.7	88.7	92.3	93.0	79.9
ABT-CHW-2	97.0	85.0	90.8	40.0	80.0	91.5	86.7	46.7	27.2	88.3	88.2	87.8	87.8	77.8
AMBASSADOR	97.5	89.7	88.3	46.7	75.0	95.3	82.7	37.0	23.3	78.3	87.4	86.8	88.3	76.8
TREAZURE (E)	97.7	89.7	86.7	53.3	78.3	94.2	88.0	27.0	17.8	85.0	84.0	86.5	88.8	75.6
WRIGLEY (ACF 092)	98.3	80.0	85.0	56.7	81.7	93.0	78.3	17.0	13.2	83.3	89.6	89.5	82.3	74.4
MAGIC	95.3	83.3	87.5	50.0	83.3	95.8	83.3	44.3	16.0	86.7	80.7	86.8	78.7	73.8
BRIDGEPORT	95.2	71.7	90.8	46.7	78.3	91.7	83.3	32.7	12.6	91.7	80.4	89.3	90.8	73.8
AMBROSE (ABT-CHW-3)	97.7	92.7	89.0	46.7	81.7	97.5	78.3	34.3	8.2	81.7	85.4	84.0	82.3	73.4
ACF 083	97.5	85.0	84.2	46.7	71.7	93.2	76.7	22.7	4.3	83.3	88.2	88.3	89.0	73.1
INTRIGUE	93.3	91.7	89.2	40.0	73.3	91.7	80.0	41.0	5.8	88.3	81.3	89.2	88.2	73.0
SHADOW II	98.3	96.0	88.3	43.3	66.7	90.5	78.3	31.7	2.1	86.7	86.3	90.3	79.2	72.4
PICK FRC A-93	96.8	93.0	88.3	43.3	75.0	95.2	86.7	45.0	10.7	86.7	82.6	87.8	66.3	72.3
SR 5100	97.7	89.7	89.8	30.0	83.3	91.5	75.0	18.3	6.4	80.0	84.1	90.7	84.2	72.3
SILHOUETTE (PICK FRC 4-92)	97.7	68.3	90.0	60.0	80.0	96.7	83.3	24.0	5.7	83.3	75.4	86.0	86.7	71.6
CULOMBRA	94.7	86.3	80.8	50.0	78.3	93.7	86.7	15.0	5.6	91.7	82.7	82.8	85.0	71.3
BRITTANY	96.3	78.3	85.0	43.3	81.7	96.8	85.0	30.0	11.2	86.7	77.7	81.3	79.0	71.2
TIFFANY	97.7	50.0	87.3	40.0	68.3	96.0	78.3	40.7	2.3	85.0	83.6	89.2	85.8	70.8
BAR CHF 8 FUS2	95.7	53.3	90.0	36.7	80.0	94.7	81.7	12.7	9.8	88.3	82.7	81.0	86.8	70.7
ABT-CHW-1	96.8	90.0	85.8	26.7	80.0	96.2	.	18.3	6.4	75.0	80.9	87.5	85.7	70.5
BANNER III	94.8	70.0	87.5	46.7	75.0	95.3	78.3	19.0	4.3	84.7	82.1	82.3	82.2	70.0
MB-63	93.3	74.0	90.8	30.0	85.0	96.8	81.7	27.0	6.6	85.0	80.4	77.2	80.3	69.8
SANDPIPER	97.0	55.0	85.8	30.0	68.3	94.8	78.3	22.3	2.4	91.3	82.7	84.8	86.2	69.3
JAMESTOWN II	95.5	61.7	84.2	40.0	83.3	92.7	76.7	14.0	3.1	86.3	85.2	83.3	82.2	69.2
LSD VALUE	4.3	18.5	9.3	27.7	16.5	9.5	17.2	26.8	16.7	11.3	11.7	11.8	11.5	6.8
C.V. (%)	2.8	14.5	6.7	40.7	13.2	6.3	13.1	56.5	89.9	8.2	9.3	8.6	9.1	13.6

TABLE 15C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/												MEAN	
	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1		WI2
BAR SCF 8 FUS3	93.2	63.3	85.8	53.3	50.0	88.8	91.0	19.0	4.2	88.3	91.0	86.0	82.0	70.6
SEABREEZE	92.5	53.3	85.0	36.7	76.7	94.0	87.3	12.7	1.1	85.0	87.9	85.5	82.7	69.2
DAWSON E+	91.7	24.3	87.5	46.7	58.3	89.7	91.0	8.0	0.4	86.7	88.3	87.7	82.7	67.6
ASR 049	97.7	21.0	80.8	40.0	38.3	87.7	91.0	13.3	2.1	78.3	87.9	90.5	80.5	66.3
LSD VALUE	5.5	15.3	13.5	18.0	30.9	6.7	11.5	6.8	4.7	15.6	8.0	7.9	12.6	5.4
C.V. (%)	3.6	23.5	10.4	25.3	34.4	4.8	8.0	31.7	156.8	11.4	5.7	5.6	10.3	11.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15D.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1	WI2	MEAN
NAVIGATOR (CIS FRR 5)	96.7	80.3	88.3	36.7	85.0	96.7	88.3	70.0	31.7	78.3	84.4	90.5	89.8	79.0
JASPER II	96.3	90.0	89.2	26.7	80.0	95.2	81.7	76.7	20.2	85.0	87.7	93.0	93.2	78.4
SRX 52961	91.7	81.7	90.0	26.7	76.7	95.3	78.3	78.3	33.4	73.3	89.0	85.0	86.2	77.3
CINDY LOU (CIS FRR 7)	97.0	85.0	89.2	33.3	76.7	92.8	83.3	55.0	27.0	78.3	87.6	86.0	88.8	77.1
ABERDEEN (PST-EFL)	97.5	76.7	90.0	40.0	83.3	91.7	81.7	61.7	25.0	76.7	87.4	89.8	83.3	76.8
ABT-CR-3	97.7	86.7	83.3	46.7	75.0	97.7	78.3	68.3	21.1	75.0	84.1	88.2	83.8	76.0
SHADEMASTER II	96.7	76.7	87.5	46.7	68.3	88.8	81.7	75.0	13.1	78.3	85.9	91.8	81.5	74.4
PATHFINDER	94.5	68.3	87.5	60.0	81.7	87.3	83.3	66.7	14.1	80.0	84.6	82.8	87.2	74.0
INVERNESS (PST-47TCR)	96.3	61.7	90.8	46.7	78.3	88.5	83.3	55.0	17.9	71.7	84.3	86.8	81.0	73.4
FLORENTINE	94.8	70.0	89.2	56.7	80.0	87.7	78.3	61.7	3.9	75.0	88.9	88.3	80.0	72.7
ABT-CR-2	96.2	61.7	87.5	43.3	81.7	87.0	75.0	38.3	14.7	70.0	85.2	85.0	88.8	72.2
SR 5210 (SRX 52LAV)	96.2	87.3	84.2	43.3	76.7	92.5	88.3	37.3	14.0	66.7	82.4	84.5	78.2	72.0
PST-4FR	97.7	53.3	89.2	46.7	83.3	79.7	80.0	56.7	7.4	76.7	84.3	87.8	85.5	71.6
BARGENA III (BAR CF 8 FUS1)	95.7	58.3	87.5	43.3	73.3	81.8	78.3	50.0	11.6	71.7	86.2	84.3	81.8	70.8
SALSA	98.3	60.0	86.7	53.3	26.7	82.3	65.0	25.7	5.3	78.3	88.2	94.2	85.5	69.4
ASC 082	93.2	58.3	87.5	33.3	76.7	91.7	78.3	63.3	10.2	75.0	80.4	76.7	70.2	68.4
ROSE (ASC 087)	94.2	68.3	87.5	23.3	73.3	86.3	81.7	19.0	5.2	68.3	84.8	82.5	82.5	68.3
SHADEMARK	93.8	45.0	83.3	43.3	76.7	77.3	73.3	27.7	8.9	75.0	84.1	78.7	82.8	67.1
DGSC 94	96.8	50.0	82.5	26.7	75.0	77.2	76.7	45.0	11.9	66.7	83.3	76.3	79.8	66.9
ASC 172	91.7	35.0	82.5	26.7	78.3	81.3	78.3	55.0	10.4	60.0	80.8	70.0	68.0	63.9
BOREAL	96.3	36.7	86.5	33.3	55.0	82.5	71.7	6.3	1.4	81.7	76.9	71.3	76.3	62.3
COMMON CREEPING RED	89.2	45.0	78.3	26.7	48.3	75.3	75.0	10.7	1.6	80.0	79.9	82.5	70.3	61.2
LSD VALUE	5.3	20.8	8.8	27.8	20.2	13.0	15.5	23.9	19.6	16.3	8.1	12.4	12.6	7.1
C.V. (%)	3.4	19.8	6.3	44.0	17.2	9.7	12.2	29.7	99.1	13.6	6.2	9.3	10.2	14.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/													MEAN
	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1	WI2	
SRX 3961	98.3	81.7	91.7	40.0	55.0	92.5	98.3	46.7	2.7	81.7	91.8	84.2	82.2	73.5
HARDTOP (BAR HF 8 FUS)	95.5	90.7	90.0	46.7	68.3	91.3	95.0	56.0	1.2	86.7	91.7	81.3	71.7	72.8
BERKSHIRE (4001)	93.8	80.0	87.5	36.7	56.7	86.5	98.0	71.7	1.8	88.3	94.6	82.7	78.8	72.8
OXFORD	97.7	81.7	91.7	43.3	66.7	94.2	97.0	39.0	2.7	88.3	92.9	83.0	66.0	71.9
DISCOVERY	95.5	76.7	86.7	50.0	58.3	88.8	92.3	25.7	0.4	86.7	88.7	85.2	74.5	70.2
RELIANT II	97.7	68.3	92.5	26.7	53.3	88.8	96.7	41.7	2.1	86.7	90.8	83.3	71.0	70.1
ABT-HF-2	94.5	76.7	83.3	50.0	75.0	90.0	91.7	60.0	2.1	81.7	90.7	80.7	62.2	70.1
VIKING (ABT-HF1)	97.0	61.7	86.7	23.3	46.7	90.5	93.7	56.7	6.1	81.7	90.2	78.3	79.2	70.1
NORDIC (E)	98.3	70.0	87.5	33.3	71.7	87.5	89.3	39.3	1.6	80.0	92.2	81.5	68.8	69.9
ABT-HF-3	96.3	83.3	88.3	40.0	63.3	92.7	94.3	37.7	0.8	76.7	91.8	74.5	69.2	69.8
MINOTAUR	97.0	68.3	91.7	46.7	66.7	93.8	91.0	67.7	0.2	71.7	89.0	70.7	66.7	69.3
EUREKA II (CIS FL 11)	96.2	70.0	91.5	33.3	68.3	88.8	92.7	31.7	7.0	83.3	89.1	78.0	65.8	69.2
CHARIOT (CIS FL 12)	95.3	65.0	87.5	23.3	65.0	88.8	95.0	27.3	2.4	86.7	92.2	85.7	67.8	69.2
STONEHENGE (AHF 009)	96.8	76.7	85.0	43.3	65.0	84.0	88.3	20.0	0.6	78.3	94.3	81.3	69.7	69.0
ABT-HF-4	96.3	65.0	92.3	40.0	60.0	86.3	97.0	43.3	2.2	76.7	87.8	73.8	74.2	68.8
PST-4HM	97.5	65.0	87.5	36.7	56.7	83.0	96.0	22.3	9.6	78.3	89.1	77.2	69.3	68.5
PICK FF A-97	94.0	46.7	92.3	43.3	68.3	90.2	91.7	19.0	0.7	81.7	89.3	82.2	70.0	68.2
OSPREY	97.7	45.0	91.7	36.7	60.0	86.7	94.3	27.3	0.3	83.3	92.4	77.5	70.8	68.0
RESCUE 911	94.5	70.7	87.5	36.7	73.3	84.3	94.3	31.7	1.6	80.0	88.8	76.2	64.7	67.5
SCALDIS II (AHF 008)	96.3	38.3	86.7	40.0	71.7	85.2	96.0	13.3	1.6	93.0	89.7	81.0	71.0	67.5
DEFIANT	95.7	63.3	90.0	40.0	55.0	87.5	91.7	26.7	3.4	80.0	87.1	78.8	65.8	67.4
HERON	95.2	55.0	85.8	46.7	58.3	91.3	94.0	15.7	2.7	86.7	89.1	71.7	71.2	67.2
ATTILA E	89.2	32.3	89.2	23.3	50.0	82.5	95.7	32.7	3.9	85.0	86.6	82.7	70.3	65.5
BIGHORN	95.7	58.3	90.0	36.7	53.3	88.3	90.0	18.3	1.0	85.0	86.6	63.3	67.7	65.0
MB-82	91.3	48.3	88.3	46.7	61.7	88.3	90.0	15.3	0.7	70.0	90.8	70.0	65.8	65.0
SCALDIS	94.8	22.7	85.8	36.7	63.3	84.7	97.3	16.7	1.9	85.0	90.6	68.0	71.5	64.7
LSD VALUE	5.3	25.6	10.6	29.0	27.0	13.5	8.4	31.1	7.3	14.6	7.5	15.8	15.3	7.1
C.V. (%)	3.5	24.9	7.5	46.8	27.1	9.7	5.5	55.7	174.9	11.0	5.2	13.3	16.9	14.8

TABLE 15F. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/													MEAN
	CA1	KY1	MI1	MI2	MO1	NC1	NC2	NJ1	OK1	UT1	WA1	WI1	WI2	
PST-4MB	94.8	78.3	85.8	46.7	63.3	92.3	96.0	63.3	0.4	76.7	86.8	69.2	66.0	68.3
QUATRO	97.0	37.3	92.5	30.0	66.7	89.3	93.3	36.7	1.8	73.3	93.0	75.3	65.3	67.2
SR 3200	95.0	30.7	85.8	43.3	40.0	88.8	97.0	11.3	3.0	86.7	84.9	70.0	55.0	62.1
SR 6000	97.0	18.3	84.2	40.0	56.7	65.0	60.0	2.7	8.6	81.7	74.4	50.0	50.8	54.8
LSD VALUE	3.6	35.0	8.8	23.7	36.0	14.2	11.1	30.4	6.3	17.2	18.7	13.3	15.6	7.7
C.V. (%)	2.3	52.9	6.3	36.8	39.5	10.5	7.9	66.3	115.3	13.5	13.8	15.3	24.4	17.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.







TABLE 16B.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	CA1	CO1	IL1	IN1	KY1	MD1	MI1	MI2	MO1	NC1	NC2	NJ1	NJ2	NS1	OK1	SD1	UT1	VA1	WA3	WI1	WI2	MEAN
LONGFELLOW II	97.0	98.8	86.7	90.6	96.0	73.2	99.0	87.5	28.3	95.3	75.0	77.4	86.5	90.8	89.6	51.7	99.0	94.2	99.0	51.4	95.6	95.1	84.4
AMBASSADOR	93.0	98.6	95.0	92.3	97.3	82.8	99.0	90.0	43.3	88.7	73.3	80.8	61.8	88.6	91.6	52.1	97.7	99.0	94.3	41.6	92.3	92.0	83.4
ABT-CHW-2	86.5	98.8	99.0	88.8	97.3	84.0	99.0	91.7	43.3	91.7	60.8	66.2	84.2	85.4	94.0	40.0	99.0	99.0	99.0	49.8	92.4	89.7	82.4
TREASURE (E)	96.0	98.6	68.3	92.3	95.2	85.6	99.0	86.7	60.0	90.0	72.5	77.7	75.8	91.8	93.1	28.3	99.0	90.5	99.0	55.1	91.6	91.1	82.3
MAGIC	90.0	97.4	81.7	87.5	96.7	78.2	99.0	87.5	53.3	95.7	65.8	66.6	62.2	86.9	91.0	30.8	99.0	96.0	97.7	44.2	92.7	84.7	79.2
PICK FRC A-93	89.8	97.0	70.0	91.9	96.5	84.9	99.0	86.7	46.7	85.0	65.8	67.7	82.5	85.6	88.8	25.2	99.0	98.8	99.0	35.2	94.0	77.8	79.0
SR 5100	92.3	97.3	90.0	89.8	97.5	64.3	99.0	89.2	31.7	94.0	69.2	77.7	63.3	87.3	93.6	15.4	97.5	95.8	99.0	44.2	94.6	89.8	78.9
INTRIGUE	84.0	93.1	91.7	89.7	95.8	92.2	99.0	85.8	33.3	81.7	49.2	77.6	80.8	89.7	91.3	8.0	98.3	99.0	99.0	43.0	92.3	90.6	78.8
BRIDGEPORT	83.3	94.8	85.0	89.4	92.2	65.9	99.0	87.5	46.7	90.0	75.0	73.7	64.7	85.9	92.1	22.9	93.5	96.7	99.0	45.1	90.8	93.6	78.8
AMBROSE (ABT-CHW-3)	93.7	97.6	94.7	91.8	97.0	76.4	99.0	88.3	46.7	96.3	70.8	72.8	73.0	86.0	82.6	8.7	96.8	90.5	96.0	47.6	91.0	88.0	78.7
ABT-CHW-1	93.8	95.6	99.0	90.7	97.3	65.6	99.0	87.5	16.7	92.3	51.7		31.5	88.3	93.1	14.5	99.0	99.0	97.3	48.8	94.4	92.1	77.4
CULOMBRA	82.3	90.8	96.3	91.5	96.3	77.3	99.0	84.3	46.7	90.0	63.3	70.3	47.2	80.8	88.8	8.4	99.0	95.8	99.0	51.6	92.9	89.9	77.0
WRIGLEY (ACF 092)	79.0	97.3	94.7	90.2	95.0	74.8	98.6	87.5	56.7	91.7	55.0	60.6	34.0	77.3	90.8	24.5	99.0	99.0	97.3	38.4	91.4	89.7	76.4
SHADOW II	98.3	95.9	94.7	85.0	94.3	67.0	99.0	89.2	40.0	76.7	74.2	55.0	68.5	73.8	82.6	1.9	99.0	96.5	99.0	62.9	93.6	86.2	76.2
BRITTANY	83.3	95.2	48.3	87.0	96.2	72.7	99.0	84.2	50.0	90.0	63.3	67.0	72.0	78.5	84.0	20.9	99.0	93.0	99.0	36.8	90.7	87.0	75.6
JAMESTOWN II	93.0	94.7	93.0	87.8	94.2	61.1	99.0	85.0	40.0	94.7	50.0	67.2	29.0	88.0	87.0	4.2	99.0	99.0	99.0	62.0	93.8	92.0	75.6
SILHOUETTE (PICK FRC 4-92)	87.3	96.6	85.0	89.8	96.7	67.4	99.0	90.0	61.7	90.0	60.0	64.4	53.0	80.6	89.1	5.7	97.5	93.5	99.0	27.6	90.3	90.1	74.6
TIFFANY	93.7	90.1	95.0	86.7	91.2	62.8	99.0	87.5	40.0	84.0	68.3	67.2	66.3	60.6	84.3	2.8	99.0	96.0	99.0	52.0	94.6	90.7	74.4
MB-63	86.5	87.6	81.7	93.1	95.7	72.7	99.0	92.5	25.0	93.3	70.0	68.9	59.2	73.6	57.1	11.8	99.0	97.5	99.0	42.6	86.3	88.4	74.1
SANDPIPER	91.5	97.1	97.7	91.5	85.3	58.9	99.0	89.2	28.3	76.7	55.8	67.2	45.0	81.7	85.0	4.4	99.0	93.5	97.7	42.3	93.1	89.8	74.1
BANNER III	92.2	86.4	96.0	86.9	92.5	70.4	99.0	88.3	61.7	88.3	59.2	68.6	22.3	80.9	83.2	3.7	99.0	90.7	98.7	41.2	87.4	91.1	73.4
BAR CHF 8 FUS2	78.3	95.4	85.0	89.4	95.8	51.1	99.0	90.8	35.0	90.0	50.8	55.6	22.2	76.6	94.7	5.6	99.0	95.8	99.0	34.8	90.1	89.2	71.6
ACF 083	66.7	90.4	91.7	86.3	87.5	70.6	98.6	87.5	36.7	78.3	62.5	54.4	43.0	44.0	74.8	8.3	99.0	95.8	97.7	50.8	94.7	92.6	70.7
LSD VALUE	14.0	10.7	7.6	10.6	5.9	30.2	0.4	7.8	37.2	17.5	30.1	19.7	25.0	15.5	20.8	28.6	4.1	11.2	3.6	22.2	8.7	9.2	5.1
C.V. (%)	10.0	7.2	5.4	7.5	3.9	26.2	0.2	5.6	54.7	12.3	29.8	22.4	26.7	12.6	14.8	103.9	2.6	7.3	2.3	35.2	6.0	7.0	15.1

TABLE 16C.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	CA1	CO1	IL1	IN1	KY1	MD1	MI1	MI2	MO1	NC1	NC2	NJ1	NJ2	NS1	OK1	SD1	UT1	VA1	WA3	WI1	WI2	MEAN
BAR SCF 8 FUS3	90.7	83.1	91.7	86.2	74.2	63.3	98.1	85.0	65.0	60.0	65.0	63.6	46.2	69.7	72.2	4.3	99.0	99.0	93.0	38.9	89.2	88.7	71.1
SEABREEZE	83.3	91.7	97.7	83.3	68.3	52.9	96.7	87.5	38.3	85.0	50.0	57.2	29.8	65.8	63.1	0.9	99.0	99.0	97.3	44.0	93.6	86.3	68.4
ASR 049	78.3	94.2	99.0	83.3	77.5	25.6	93.0	80.8	43.3	51.7	43.3	45.0	24.0	69.7	76.1	7.0	99.0	95.8	83.3	42.3	94.7	89.6	66.3
DAWSON E+	73.3	82.8	96.3	84.8	72.5	18.2	96.8	88.3	53.3	71.7	40.0	53.3	9.5	67.3	78.8	0.4	97.7	95.3	85.0	38.0	93.2	89.7	64.9
LSD VALUE	11.1	18.4	3.5	12.6	13.5	19.7	3.5	11.7	26.1	29.2	25.6	23.4	19.6	23.7	37.9	9.9	0.9	7.0	11.8	22.4	6.6	9.3	5.2
C.V. (%)	8.5	13.4	2.3	9.3	12.9	31.9	2.3	9.2	32.4	27.0	33.7	29.5	57.7	26.1	34.0	172.7	0.6	4.5	8.2	38.0	4.5	7.1	17.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16D.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

## PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	CA1	CO1	IL1	IN1	KY1	MD1	MI1	MI2	MO1	NC1	NC2	NJ1	NJ2	NS1	OK1	SD1	UT1	VA1	WA3	WI1	WI2	MEAN
SRX 52961	89.8	95.2	94.7	93.8	90.5	89.8	99.0	90.0	30.0	88.3	81.3	75.1	92.7	94.9	91.4	56.7	99.0	99.0	99.0	33.4	91.0	90.0	84.4
JASPER II	91.5	94.6	94.7	91.2	92.0	93.0	99.0	89.2	33.3	95.0	66.7	76.0	91.2	92.1	84.8	39.6	99.0	96.2	99.0	34.4	95.9	94.4	82.7
NAVIGATOR (CIS FRR 5)	91.5	97.3	80.0	89.5	95.8	78.6	99.0	89.2	36.7	95.3	79.2	72.8	93.0	93.6	78.9	48.8	99.0	95.7	99.0	36.2	93.4	91.7	82.6
CINDY LOU (CIS FRR 7)	76.7	97.9	88.3	90.7	93.5	88.6	99.0	87.5	36.7	89.0	80.8	70.8	88.5	93.1	86.6	46.7	99.0	95.8	99.0	34.2	89.6	90.2	82.1
ABT-CR-3	91.3	98.6	95.0	86.5	96.0	80.7	99.0	82.5	53.3	91.7	79.2	72.1	96.0	92.0	85.4	34.8	99.0	95.7	99.0	31.8	91.2	86.1	81.5
ABERDEEN (PST-EFL)	86.7	98.6	61.7	84.8	91.8	84.0	99.0	86.7	38.3	93.3	59.2	73.1	89.7	92.1	87.1	46.3	99.0	99.0	99.0	29.4	94.8	87.6	80.6
PATHFINDER	81.5	97.7	76.7	89.4	91.8	73.7	90.0	86.7	66.7	95.7	67.5	53.7	78.7	91.8	71.6	35.9	99.0	96.5	99.0	42.2	92.2	89.4	78.6
ABT-CR-2	90.5	97.9	93.3	85.4	90.0	84.4	96.0	88.3	41.7	94.0	61.7	63.3	66.7	86.5	60.4	17.7	99.0	93.8	99.0	35.1	86.8	90.6	76.2
SR 5210 (SRX 52LAV)	66.7	97.0	91.7	91.4	89.5	77.9	99.0	88.3	48.3	88.7	69.2	73.2	56.7	88.7	57.7	27.5	99.0	96.7	99.0	25.1	89.2	84.1	75.8
SHADEMASTER II	61.7	94.3	81.7	89.1	70.0	91.1	85.9	85.8	53.3	83.3	60.0	55.6	84.0	85.3	59.9	23.0	98.3	99.0	99.0	39.9	94.0	88.7	75.1
DGSC 94	78.3	97.8	78.3	85.0	81.7	81.2	89.2	84.2	28.3	90.0	55.8	53.3	78.0	83.2	62.2	27.4	98.3	99.0	99.0	30.2	84.3	82.1	73.7
BARGENA III (BAR CF 8 FUS1)	70.8	93.3	48.3	82.9	83.3	83.2	90.7	88.3	53.3	86.7	59.2	55.6	74.8	81.2	67.7	21.2	96.8	99.0	99.0	37.1	90.6	83.7	73.6
INVERNESS (PST-47TCR)	58.3	98.0	48.3	87.5	71.7	75.4	94.0	88.3	43.3	90.0	60.8	62.0	71.7	75.2	51.7	34.2	99.0	99.0	99.0	39.0	91.8	86.3	73.4
SHADEMARK	80.0	97.3	76.7	85.4	77.5	74.2	89.7	83.3	48.3	88.3	65.8	52.6	61.2	87.5	55.6	19.8	99.0	96.3	98.7	28.6	86.4	87.0	72.8
FLORENTINE	57.5	96.1	71.7	85.4	80.8	84.4	89.6	89.2	63.3	88.3	71.7	58.7	73.2	79.3	57.2	6.3	99.0	97.5	99.0	22.4	93.4	85.4	72.5
ASC 082	65.8	87.3	83.3	80.4	78.3	81.3	91.4	87.5	28.3	85.0	58.3	56.7	86.2	83.9	73.2	15.8	99.0	92.7	99.0	27.9	85.1	77.1	72.1
PST-4FR	72.5	97.9	58.3	84.1	79.2	66.9	90.1	85.0	48.3	93.3	48.3	61.1	68.8	79.8	55.6	11.1	99.0	99.0	98.7	36.9	89.3	86.6	71.5
SALSA	62.5	97.8	94.7	87.3	74.2	68.3	88.6	86.7	60.0	40.0	50.8	53.9	45.2	86.6	55.9	11.0	99.0	99.0	96.0	46.0	93.9	90.9	71.2
ROSE (ASC 087)	69.2	97.9	91.7	80.8	70.8	69.1	91.4	88.3	21.7	80.0	59.2	48.3	56.3	70.2	51.7	9.3	99.0	91.7	99.0	26.4	87.4	89.7	68.4
ASC 172	56.7	93.3	76.7	77.8	86.7	67.4	94.8	85.0	36.7	89.0	60.0	57.2	67.8	74.1	52.2	13.0	99.0	98.2	98.7	29.7	76.8	71.1	68.2
BOREAL	48.3	95.8	88.3	77.5	64.2	48.9	89.2	87.5	36.7	63.3	50.0	41.7	8.7	71.9	55.4	2.5	97.5	94.2	99.0	27.8	84.9	78.8	62.0
COMMON CREEPING RED	45.8	74.7	91.7	82.1	65.0	47.1	93.6	85.0	30.0	58.3	32.5	40.6	27.5	71.3	53.9	2.9	99.0	99.0	97.7	26.2	83.0	71.6	60.4
LSD VALUE	20.0	10.7	6.2	14.2	15.1	26.4	8.0	6.5	35.7	21.8	21.0	28.3	23.1	17.1	45.2	32.1	1.3	9.0	2.0	21.4	11.4	12.2	6.0
C.V. (%)	17.6	7.1	4.8	10.3	11.5	21.7	5.4	4.8	52.1	16.0	24.0	29.9	21.2	13.6	44.8	84.1	0.8	5.8	1.2	42.8	8.3	10.3	18.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16E.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/																				MEAN		
	AR1	CA1	CO1	IL1	IN1	KY1	MD1	MI1	MI2	MO1	NC1	NC2	NJ1	NJ2	NS1	OK1	SD1	UT1	VA1	WA3		WI1	WI2
VIKING (ABT-HF1)	85.0	98.1	97.7	90.5	95.2	62.2	99.0	88.3	23.3	63.3	62.0	74.3	41.3	70.9	89.8	15.8	99.0	99.0	99.0	51.4	86.1	85.0	74.9
EUREKA II (CIS FL 11)	73.3	96.2	94.7	87.8	96.2	64.7	99.0	91.7	40.0	78.3	70.5	82.3	35.2	68.8	86.6	17.0	99.0	91.8	99.0	37.1	84.6	76.3	73.8
SRX 3961	63.3	98.3	91.7	87.4	96.8	80.8	99.0	92.5	40.0	60.0	72.5	73.9	32.8	62.2	91.9	5.5	99.0	99.0	94.3	44.1	93.6	85.2	73.7
BERKSHIRE (4001)	89.5	95.8	95.0	93.3	96.2	67.8	99.0	88.3	40.0	68.3	46.7	72.8	43.2	64.7	91.3	7.3	99.0	99.0	96.0	34.2	88.7	85.3	73.3
MINOTAUR	74.2	99.0	93.0	91.0	96.7	53.9	99.0	90.8	58.3	73.3	61.7	82.3	44.8	77.8	86.7	0.8	99.0	99.0	96.0	35.6	83.4	73.8	73.0
ABT-HF-3	86.3	97.0	99.0	90.4	96.7	63.9	99.0	90.8	40.0	70.0	67.5	78.3	33.3	75.2	83.2	3.7	99.0	99.0	94.7	29.4	76.7	76.3	72.4
STONEHENGE (AHF 009)	93.8	98.3	91.7	88.8	94.7	75.2	98.6	85.8	46.7	70.0	50.8	77.0	34.8	63.4	90.3	1.8	99.0	99.0	98.7	27.3	85.3	79.6	72.3
ABT-HF-2	83.2	93.7	99.0	93.7	95.0	61.9	99.0	87.5	60.0	81.7	69.2	78.4	39.2	48.2	88.2	5.1	99.0	95.5	99.0	41.3	84.4	74.3	72.3
OXFORD	92.2	96.9	96.3	86.1	96.5	71.6	99.0	91.7	43.3	81.7	60.0	69.0	34.0	53.2	81.9	4.4	99.0	98.8	99.0	32.3	89.6	82.9	72.2
PST-4HM	82.3	97.2	97.7	94.5	96.8	44.4	99.0	90.0	35.0	68.3	65.0	76.9	22.2	63.8	85.4	16.3	99.0	99.0	95.7	40.6	84.8	79.6	72.0
RELIANT II	88.8	97.9	94.7	87.4	97.2	63.0	99.0	90.0	23.3	61.7	50.0	78.2	40.2	47.0	83.8	4.0	99.0	98.8	99.0	51.6	87.3	80.0	71.5
HARDTOP (BAR HF 8 FUS)	97.7	98.6	93.3	90.3	95.8	66.7	99.0	91.7	56.7	80.0	76.7	63.6	38.8	41.2	84.3	2.2	96.0	95.8	99.0	21.4	87.7	79.9	71.0
RESCUE 911	84.7	92.9	95.0	87.9	94.7	64.4	99.0	86.7	36.7	85.0	61.3	78.9	33.0	60.3	89.7	4.2	99.0	95.5	99.0	32.9	77.3	71.9	70.9
CHARIOT (CIS FL 12)	84.0	95.2	93.3	89.8	98.5	57.7	99.0	87.5	30.0	78.3	55.0	78.7	24.7	60.3	87.7	4.7	99.0	99.0	99.0	31.2	87.8	73.9	70.8
NORDIC (E)	83.2	98.8	99.0	86.9	95.2	49.4	99.0	90.0	33.3	83.3	68.0	73.6	24.3	50.4	86.0	5.6	99.0	99.0	97.3	37.1	87.8	77.1	70.4
ABT-HF-4	81.3	96.6	96.3	92.0	96.3	54.1	99.0	90.8	43.3	66.7	49.2	76.1	29.8	61.9	83.2	4.3	99.0	95.0	99.0	31.3	83.9	79.0	70.2
HERON	79.0	96.6	99.0	86.9	95.5	52.4	99.0	86.7	56.7	66.7	58.3	79.9	16.7	71.3	86.7	3.4	99.0	99.0	89.3	29.8	78.6	77.7	70.2
PICK FF A-97	79.0	95.1	93.0	87.3	94.8	49.1	99.0	90.0	55.0	76.7	53.3	78.6	26.2	63.9	87.7	1.8	99.0	98.7	98.7	29.3	84.3	75.9	70.0
DISCOVERY	85.7	90.4	94.7	88.6	94.8	62.8	99.0	86.7	53.3	68.3	68.0	80.2	28.0	47.0	82.7	3.4	99.0	92.7	97.7	32.9	84.0	77.0	70.0
BIGHORN	90.7	97.6	97.7	94.6	96.8	48.0	99.0	90.0	40.0	61.7	54.2	75.2	16.8	68.6	75.6	2.4	99.0	95.8	98.7	21.3	73.2	75.6	68.6
OSPREY	81.7	95.9	90.0	87.5	96.0	44.7	99.0	93.3	26.7	66.7	55.8	75.3	19.5	56.3	80.4	1.2	99.0	97.2	98.7	34.2	85.4	72.6	68.0
SCALDIS II (AHF 008)	84.0	93.0	94.7	87.4	90.3	52.4	98.0	85.0	50.0	75.0	45.8	71.0	16.7	52.9	80.4	1.9	98.3	99.0	97.7	27.1	86.7	76.7	67.6
ATTILA E	88.2	91.4	94.7	86.2	95.5	38.6	99.0	90.0	20.0	58.3	39.2	66.4	30.2	61.2	78.3	5.7	99.0	91.8	97.7	31.0	86.6	79.8	67.4
DEFIANT	89.8	95.3	76.7	84.9	92.8	55.7	99.0	87.5	48.3	61.7	45.0	65.9	21.5	50.1	72.0	10.9	99.0	95.8	89.7	32.1	85.4	73.2	67.3
SCALDIS	70.0	93.8	97.7	86.8	96.2	40.4	98.6	84.2	40.0	70.0	46.7	69.0	17.8	55.6	86.7	6.1	99.0	95.7	92.7	35.0	80.3	66.3	66.5
MB-82	85.7	89.4	96.3	86.5	97.0	42.2	98.6	90.0	53.3	66.7	35.8	77.0	14.3	43.3	83.8	3.1	99.0	95.8	97.7	28.4	77.2	74.0	65.9
LSD VALUE	22.6	8.1	5.1	13.5	4.7	25.5	0.7	7.4	38.7	27.2	30.8	18.9	20.1	20.5	17.9	15.7	1.8	7.5	7.8	25.0	10.6	13.1	5.1
C.V. (%)	16.9	5.3	3.3	9.6	3.1	28.9	0.4	5.4	57.2	23.9	35.6	20.8	42.5	27.4	13.4	179.2	1.1	4.8	5.0	49.4	8.7	14.7	16.5

TABLE 16F.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/																				MEAN		
	AR1	CA1	CO1	IL1	IN1	KY1	MD1	MI1	MI2	MO1	NC1	NC2	NJ1	NJ2	NS1	OK1	SD1	UT1	VA1	WA3		WI1	WI2
PST-4MB	90.3	96.7	99.0	90.9	95.2	76.9	99	88.3	40.0	76.7	72.5	64.6	48.3	63.4	87.7	0.8	99.0	98.5	99.0	26.2	83.7	78.7	73.0
QUATRO	91.3	96.7	95.0	86.8	96.7	14.6	99	90.8	40.0	78.3	40.0	69.9	37.3	78.0	88.2	4.9	99.0	97.5	88.0	47.2	80.8	74.2	70.0
SR 3200	84.0	97.9	90.0	80.3	95.3	43.1	99	90.8	43.3	46.7	60.0	68.9	18.7	69.2	78.3	7.8	99.0	99.0	94.3	24.6	71.1	69.4	66.8
SR 6000	79.0	92.8	71.7	62.5	74.3	21.6	99	88.3	43.3	66.7	40.8	41.7	2.7	35.0	52.8	13.3	97.5	85.5	30.0	28.9	67.7	69.3	55.1
LSD VALUE	23.6	6.7	4.6	18.2	10.8	15.6	0	9.1	33.8	33.5	28.9	28.1	20.3	19.9	24.4	16.7	2.1	11.7	16.3	28.0	9.6	15.2	5.4
C.V. (%)	17.2	4.4	3.2	14.1	7.8	24.3	0	6.4	50.4	31.0	35.4	32.4	55.2	22.7	19.7	150.5	1.3	7.6	13.0	58.0	11.2	19.6	18.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17A. FROST TOLERANCE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1	NAME	MT1
ABT-CHW-2	6.0	PICK FRC A-93	5.3
ASR 049	6.0	PST-4HM	5.3
BAR SCF 8 FUS3	6.0	PST-4MB	5.3
JASPER II	6.0	SALSA	5.3
PST-4FR	6.0	SEABREEZE	5.3
SHADOW II	6.0	SRX 3961	5.3
ABERDEEN (PST-EFL)	5.7	SRX 52961	5.3
VIKING (ABT-HF1)	5.7	STONEHENGE (AHF 009)	5.3
ACF 083	5.7	ABT-CHW-1	5.0
AMBASSADOR	5.7	AMBROSE (ABT-CHW-3)	5.0
ASC 172	5.7	ABT-HF-4	5.0
BANNER III	5.7	ASC 082	5.0
BAR CHF 8 FUS2	5.7	BERKSHIRE (4001)	5.0
BARGENA III (BAR CF 8 FUS1)	5.7	BIGHORN	5.0
CINDY LOU (CIS FRR 7)	5.7	BOREAL	5.0
CULOMBRA	5.7	BRIDGEPORT	5.0
MAGIC	5.7	BRITTANY	5.0
OSPREY	5.7	CHARIOT (CIS FL 12)	5.0
PATHFINDER	5.7	COMMON CREEPING RED	5.0
RELIANT II	5.7	DEFIANT	5.0
SANDPIPER	5.7	DISCOVERY	5.0
SHADEMARK	5.7	EUREKA II (CIS FL 11)	5.0
SILHOUETTE (PICK FRC 4-92)	5.7	HARDTOP (BAR HF 8 FUS)	5.0
SR 5100	5.7	HERON	5.0
TIFFANY	5.7	MB-63	5.0
TREAZURE (E)	5.7	MB-82	5.0
WRIGLEY (ACF 092)	5.7	ROSE (ASC 087)	5.0
ABT-CR-2	5.3	SCALDIS	5.0
ABT-CR-3	5.3	SHADEMASTER II	5.0
ABT-HF-3	5.3	SR 5210 (SRX 52LAV)	5.0
ATTILA E	5.3	MINOTAUR	4.7
DAWSON E+	5.3	OXFORD	4.7
DGSC 94	5.3	QUATRO	4.7
FLORENTINE	5.3	RESCUE 911	4.7
INTRIGUE	5.3	SCALDIS II (AHF 008)	4.7
INVERNESS (PST-47TCR)	5.3	SR 3200	4.7
JAMESTOWN II	5.3	SR 6000	4.7
LONGFELLOW II	5.3	ABT-HF-2	4.3
NAVIGATOR (CIS FRR 5)	5.3		
NORDIC (E)	5.3	LSD VALUE	1.2
PICK FF A-97	5.3	C.V. (%)	14.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 17B. FROST TOLERANCE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1
ABT-CHW-2	6.0
SHADOW II	6.0
ACF 083	5.7
AMBASSADOR	5.7
BANNER III	5.7
BAR CHF 8 FUS2	5.7
CULOMBRA	5.7
MAGIC	5.7
SANDPIPER	5.7
SILHOUETTE (PICK FRC 4-92)	5.7
SR 5100	5.7
TIFFANY	5.7
TREAZURE (E)	5.7
WRIGLEY (ACF 092)	5.7
INTRIGUE	5.3
JAMESTOWN II	5.3
LONGFELLOW II	5.3
PICK FRC A-93	5.3
ABT-CHW-1	5.0
AMBROSE (ABT-CHW-3)	5.0
BRIDGEPORT	5.0
BRITTANY	5.0
MB-63	5.0
LSD VALUE	1.1
C.V. (%)	12.8

TABLE 17C. FROST TOLERANCE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1
ASR 049	6.0
BAR SCF 8 FUS3	6.0
DAWSON E+	5.3
SEABREEZE	5.3
LSD VALUE	1.0
C.V. (%)	11.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 17D. FROST TOLERANCE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1
JASPER II	6.0
PST-4FR	6.0
ABERDEEN (PST-EFL)	5.7
ASC 172	5.7
BARGENA III (BAR CF 8 FUS1)	5.7
CINDY LOU (CIS FRR 7)	5.7
PATHFINDER	5.7
SHADEMARK	5.7
ABT-CR-2	5.3
ABT-CR-3	5.3
DGSC 94	5.3
FLORENTINE	5.3
INVERNESS (PST-47TCR)	5.3
NAVIGATOR (CIS FRR 5)	5.3
SALSA	5.3
SRX 52961	5.3
ASC 082	5.0
BOREAL	5.0
COMMON CREEPING RED	5.0
ROSE (ASC 087)	5.0
SHADEMASTER II	5.0
SR 5210 (SRX 52LAV)	5.0
LSD VALUE	1.1
C.V. (%)	12.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 17E. FROST TOLERANCE RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1
VIKING (ABT-HF1)	5.7
OSPREY	5.7
RELIANT II	5.7
ABT-HF-3	5.3
ATTILA E	5.3
NORDIC (E)	5.3
PICK FF A-97	5.3
PST-4HM	5.3
SRX 3961	5.3
STONEHENGE (AHF 009)	5.3
ABT-HF-4	5.0
BERKSHIRE (4001)	5.0
BIGHORN	5.0
CHARIOT (CIS FL 12)	5.0
DEFIANT	5.0
DISCOVERY	5.0
EUREKA II (CIS FL 11)	5.0
HARDTOP (BAR HF 8 FUS)	5.0
HERON	5.0
MB-82	5.0
SCALDIS	5.0
MINOTAUR	4.7
OXFORD	4.7
RESCUE 911	4.7
SCALDIS II (AHF 008)	4.7
ABT-HF-2	4.3
LSD VALUE	1.4
C.V. (%)	16.8

TABLE 17F. FROST TOLERANCE RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	MT1
PST-4MB	5.3
QUATRO	4.7
SR 3200	4.7
SR 6000	4.7
LSD VALUE	0.9
C.V. (%)	11.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 18A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
SCALDIS II (AHF 008)	5.0	4.3	4.3	5.0	4.0	4.4	6.8	7.3	5.8
MB-82	6.7	4.3	4.0	5.3	5.0	4.2	6.8	7.3	5.7
CHARIOT (CIS FL 12)	5.0	3.0	4.3	5.0	5.7	4.2	6.8	8.0	5.6
PICK FF A-97	6.7	4.0	5.0	4.7	4.7	4.3	6.5	7.7	5.6
HARDTOP (BAR HF 8 FUS)	5.3	5.0	5.3	5.0	6.3	3.8	6.5	8.0	5.6
OSPREY	5.3	4.3	4.7	4.7	6.7	3.8	6.9	7.3	5.6
VIKING (ABT-HF1)	5.7	4.3	4.0	5.0	5.0	4.1	6.6	8.0	5.5
BERKSHIRE (4001)	5.0	4.7	4.3	4.7	5.0	3.9	6.8	8.0	5.5
QUATRO	7.0	4.0	4.7	5.0	6.3	3.5	6.5	7.7	5.5
DEFIANT	5.3	4.3	4.3	4.7	5.3	4.2	6.4	8.0	5.5
EUREKA II (CIS FL 11)	5.0	4.3	4.3	5.0	3.7	4.1	6.8	8.7	5.5
SCALDIS	5.7	4.0	4.0	4.3	5.3	4.2	6.5	6.7	5.5
PST-4HM	5.7	3.7	5.0	5.0	4.7	4.1	6.7	7.0	5.5
ATTILA E	5.0	4.7	4.0	5.0	4.7	4.2	6.5	7.3	5.4
ROSE (ASC 087)	8.7	3.0	4.7	4.7	6.3	4.3	5.8	5.3	5.4
STONEHENGE (AHF 009)	5.3	4.0	4.0	4.7	4.7	4.1	6.6	7.7	5.4
OXFORD	5.0	4.0	4.3	5.0	4.7	4.2	6.5	7.0	5.4
NORDIC (E)	5.3	4.7	4.3	5.0	4.3	4.1	6.3	6.3	5.3
ACF 083	9.0	2.3	4.0	3.7	7.0	4.4	5.7	5.3	5.3
MINOTAUR	5.0	3.3	4.3	3.7	4.0	5.4	6.1	6.3	5.3
SALSA	7.3	4.0	4.3	3.7	5.0	4.3	6.2	6.0	5.3
MB-63	8.7	3.7	4.7	3.7	5.3	4.1	6.0	5.7	5.3
RELIANT II	5.0	4.0	3.7	4.7	4.7	4.0	6.2	8.0	5.3
SRX 3961	5.7	5.0	3.7	4.7	4.0	4.3	6.2	6.0	5.3
HERON	5.7	4.0	4.0	4.7	4.7	3.8	6.1	8.0	5.2
DISCOVERY	5.0	4.7	4.7	5.0	4.0	3.7	6.3	6.7	5.2
PST-4MB	5.7	3.3	4.3	4.3	3.3	5.2	5.7	6.3	5.1
TIFFANY	7.3	2.7	4.3	4.0	6.3	4.3	5.2	5.7	5.1
BAR CHF 8 FUS2	8.3	3.0	4.7	4.0	5.3	4.1	5.4	6.3	5.1
SHADEMASTER II	6.7	3.0	5.0	4.0	6.0	4.0	5.7	7.0	5.1
ASR 049	5.3	3.0	4.3	4.7	4.7	4.1	6.1	6.0	5.1
ABT-HF-3	5.3	3.3	4.0	4.7	5.0	3.8	6.3	7.0	5.1
ABT-HF-4	5.3	3.7	4.3	5.0	4.3	4.0	5.8	7.7	5.1
INVERNESS (PST-47TCR)	7.0	3.3	4.0	3.7	7.0	4.0	5.5	7.3	5.1
SHADEMARK	8.3	3.3	4.0	4.0	6.0	3.9	5.6	6.3	5.1
BARGENA III (BAR CF 8 FUS1)	7.3	4.0	3.3	4.0	6.0	3.8	5.7	6.7	5.1
CULOMBRA	7.3	2.7	4.3	4.0	6.0	4.1	5.4	5.7	5.1
ABT-CR-2	7.3	3.3	4.3	4.0	6.7	4.3	4.6	6.7	5.1
INTRIGUE	8.0	2.3	4.0	4.0	6.3	4.4	4.8	6.3	5.0
BAR SCF 8 FUS3	6.0	3.3	4.7	5.0	5.0	3.9	5.6	6.7	5.0
RESCUE 911	5.0	3.7	4.7	5.3	4.0	4.0	6.1	5.7	5.0
SHADOW II	7.7	2.7	4.3	4.0	6.7	4.4	4.8	5.0	5.0
PST-4FR	6.7	3.0	4.0	4.3	7.3	3.9	5.3	6.0	5.0
ABT-HF-2	5.3	4.7	3.7	4.7	4.7	3.6	6.3	6.0	5.0



TABLE 18A. (CONT'D) WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
BRITTANY	8.0	2.7	5.0	4.3	4.7	4.3	5.1	5.7	5.0
SILHOUETTE (PICK FRC 4-92)	8.3	2.3	4.3	3.7	5.7	4.2	4.8	6.7	5.0
PICK FRC A-93	7.7	2.7	4.7	4.0	6.3	3.8	5.3	6.3	5.0
ASC 082	7.7	3.0	3.7	4.0	6.3	3.8	5.3	5.7	4.9
PATHFINDER	7.0	3.3	4.0	4.0	6.7	4.0	5.1	6.0	4.9
FLORENTINE	7.7	2.7	4.3	4.0	5.3	4.0	5.1	6.0	4.9
SEABREEZE	6.7	3.3	4.0	4.0	4.3	5.2	5.2	4.0	4.9
SR 5210 (SRX 52LAV)	6.7	3.0	4.0	4.0	5.0	3.9	5.0	7.0	4.9
MAGIC	7.7	2.7	4.3	3.7	5.7	4.3	4.7	6.3	4.8
CINDY LOU (CIS FRR 7)	7.7	2.7	4.0	4.0	5.3	3.9	5.0	6.3	4.8
WRIGLEY (ACF 092)	7.0	2.0	4.0	3.7	6.0	3.9	5.4	5.7	4.8
DGSC 94	7.7	2.3	4.0	4.0	6.0	3.8	5.3	6.0	4.8
BIGHORN	5.0	2.3	4.0	4.3	3.0	4.3	5.6	7.5	4.8
NAVIGATOR (CIS FRR 5)	6.7	2.3	4.0	3.7	6.0	4.0	5.1	6.3	4.8
ABERDEEN (PST-EFL)	7.0	3.0	4.7	4.0	5.3	4.1	4.8	6.0	4.8
AMBASSADOR	7.3	2.0	4.0	3.7	7.3	4.1	4.9	5.7	4.8
BANNER III	7.7	2.7	4.0	3.7	6.0	3.9	4.6	6.3	4.7
SR 3200	5.7	2.7	4.0	4.3	3.3	4.2	5.6	5.7	4.7
ABT-CHW-2	8.0	2.3	4.3	4.0	6.3	4.2	4.3	5.7	4.7
ABT-CR-3	5.7	2.3	4.0	3.7	5.0	4.0	4.8	6.3	4.7
LONGFELLOW II	7.3	2.7	4.7	3.3	5.3	3.9	4.8	5.3	4.7
SANDPIPER	7.7	2.7	4.3	3.7	5.0	4.3	4.3	5.0	4.7
JASPER II	6.7	2.7	4.0	3.7	5.7	3.8	4.7	6.7	4.6
ASC 172	9.0	2.3	3.3	4.0	5.3	3.6	4.8	6.3	4.6
BOREAL	5.3	3.0	3.3	4.0	5.0	3.9	5.1	5.7	4.6
SRX 52961	6.7	2.7	4.0	3.7	6.0	3.9	4.7	6.3	4.6
COMMON CREEPING RED	5.7	2.3	3.0	3.7	4.7	3.8	5.3	6.0	4.6
TREAZURE (E)	7.3	2.0	4.0	4.0	6.0	4.2	4.3	6.0	4.6
BRIDGEPORT	7.0	2.0	4.0	3.7	5.7	3.9	4.8	5.0	4.6
SR 5100	7.3	2.0	4.3	4.0	5.7	3.9	4.6	5.3	4.6
DAWSON E+	5.0	2.7	4.3	4.7	4.0	4.4	4.6	4.3	4.5
AMBROSE (ABT-CHW-3)	8.0	2.0	4.7	3.0	5.0	3.7	4.7	5.0	4.5
ABT-CHW-1	6.0	2.3	4.0	.	5.0	4.0	4.3	5.7	4.4
SR 6000	4.0	2.0	3.0	3.7	2.7	4.1	5.1	5.7	4.3
JAMESTOWN II	6.3	2.3	4.0	3.7	5.0	4.1	4.0	4.7	4.3
LSD VALUE	1.1	0.9	0.9	0.8	1.2	0.9	1.2	1.6	0.7
C.V. (%)	10.1	18.3	13.5	11.9	14.5	13.0	14.0	15.7	14.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18B. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
ACF 083	9.0	2.3	4.0	3.7	7.0	4.4	5.7	5.3	5.3
MB-63	8.7	3.7	4.7	3.7	5.3	4.1	6.0	5.7	5.3
TIFFANY	7.3	2.7	4.3	4.0	6.3	4.3	5.2	5.7	5.1
BAR CHF 8 FUS2	8.3	3.0	4.7	4.0	5.3	4.1	5.4	6.3	5.1
CULOMBRA	7.3	2.7	4.3	4.0	6.0	4.1	5.4	5.7	5.1
INTRIGUE	8.0	2.3	4.0	4.0	6.3	4.4	4.8	6.3	5.0
SHADOW II	7.7	2.7	4.3	4.0	6.7	4.4	4.8	5.0	5.0
BRITTANY	8.0	2.7	5.0	4.3	4.7	4.3	5.1	5.7	5.0
SILHOUETTE (PICK FRC 4-92)	8.3	2.3	4.3	3.7	5.7	4.2	4.8	6.7	5.0
PICK FRC A-93	7.7	2.7	4.7	4.0	6.3	3.8	5.3	6.3	5.0
MAGIC	7.7	2.7	4.3	3.7	5.7	4.3	4.7	6.3	4.8
WRIGLEY (ACF 092)	7.0	2.0	4.0	3.7	6.0	3.9	5.4	5.7	4.8
AMBASSADOR	7.3	2.0	4.0	3.7	7.3	4.1	4.9	5.7	4.8
BANNER III	7.7	2.7	4.0	3.7	6.0	3.9	4.6	6.3	4.7
ABT-CHW-2	8.0	2.3	4.3	4.0	6.3	4.2	4.3	5.7	4.7
LONGFELLOW II	7.3	2.7	4.7	3.3	5.3	3.9	4.8	5.3	4.7
SANDPIPER	7.7	2.7	4.3	3.7	5.0	4.3	4.3	5.0	4.7
TREAZURE (E)	7.3	2.0	4.0	4.0	6.0	4.2	4.3	6.0	4.6
BRIDGEPORT	7.0	2.0	4.0	3.7	5.7	3.9	4.8	5.0	4.6
SR 5100	7.3	2.0	4.3	4.0	5.7	3.9	4.6	5.3	4.6
AMBROSE (ABT-CHW-3)	8.0	2.0	4.7	3.0	5.0	3.7	4.7	5.0	4.5
ABT-CHW-1	6.0	2.3	4.0	.	5.0	4.0	4.3	5.7	4.4
JAMESTOWN II	6.3	2.3	4.0	3.7	5.0	4.1	4.0	4.7	4.3
LSD VALUE	1.2	0.8	0.8	0.8	0.9	1.0	1.2	1.6	0.6
C.V. (%)	9.5	21.3	11.2	12.6	9.9	13.7	16.0	17.6	14.7

TABLE 18C. WINTER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
ASR 049	5.3	3.0	4.3	4.7	4.7	4.1	6.1	6.0	5.1
BAR SCF 8 FUS3	6.0	3.3	4.7	5.0	5.0	3.9	5.6	6.7	5.0
SEABREEZE	6.7	3.3	4.0	4.0	4.3	5.2	5.2	4.0	4.9
DAWSON E+	5.0	2.7	4.3	4.7	4.0	4.4	4.6	4.3	4.5
LSD VALUE	0.7	1.1	0.8	0.7	1.9	1.2	1.2	0.7	0.7
C.V. (%)	7.1	22.9	11.5	8.9	26.4	16.6	14.8	7.8	15.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18D. WINTER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
ROSE (ASC 087)	8.7	3.0	4.7	4.7	6.3	4.3	5.8	5.3	5.4
SALSA	7.3	4.0	4.3	3.7	5.0	4.3	6.2	6.0	5.3
SHADEMASTER II	6.7	3.0	5.0	4.0	6.0	4.0	5.7	7.0	5.1
INVERNESS (PST-47TCR)	7.0	3.3	4.0	3.7	7.0	4.0	5.5	7.3	5.1
SHADEMARK	8.3	3.3	4.0	4.0	6.0	3.9	5.6	6.3	5.1
BARGENA III (BAR CF 8 FUS1)	7.3	4.0	3.3	4.0	6.0	3.8	5.7	6.7	5.1
ABT-CR-2	7.3	3.3	4.3	4.0	6.7	4.3	4.6	6.7	5.1
PST-4FR	6.7	3.0	4.0	4.3	7.3	3.9	5.3	6.0	5.0
ASC 082	7.7	3.0	3.7	4.0	6.3	3.8	5.3	5.7	4.9
PATHFINDER	7.0	3.3	4.0	4.0	6.7	4.0	5.1	6.0	4.9
FLORENTINE	7.7	2.7	4.3	4.0	5.3	4.0	5.1	6.0	4.9
SR 5210 (SRX 52LAV)	6.7	3.0	4.0	4.0	5.0	3.9	5.0	7.0	4.9
CINDY LOU (CIS FRR 7)	7.7	2.7	4.0	4.0	5.3	3.9	5.0	6.3	4.8
DGSC 94	7.7	2.3	4.0	4.0	6.0	3.8	5.3	6.0	4.8
NAVIGATOR (CIS FRR 5)	6.7	2.3	4.0	3.7	6.0	4.0	5.1	6.3	4.8
ABERDEEN (PST-EFL)	7.0	3.0	4.7	4.0	5.3	4.1	4.8	6.0	4.8
ABT-CR-3	5.7	2.3	4.0	3.7	5.0	4.0	4.8	6.3	4.7
JASPER II	6.7	2.7	4.0	3.7	5.7	3.8	4.7	6.7	4.6
ASC 172	9.0	2.3	3.3	4.0	5.3	3.6	4.8	6.3	4.6
BOREAL	5.3	3.0	3.3	4.0	5.0	3.9	5.1	5.7	4.6
SRX 52961	6.7	2.7	4.0	3.7	6.0	3.9	4.7	6.3	4.6
COMMON CREEPING RED	5.7	2.3	3.0	3.7	4.7	3.8	5.3	6.0	4.6
LSD VALUE	1.4	0.8	0.6	0.7	1.3	0.8	1.2	1.3	0.6
C.V. (%)	12.0	16.8	9.2	10.8	13.5	12.0	15.1	13.3	13.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18E. WINTER COLOR RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									
NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
SCALDIS II (AHF 008)	5.0	4.3	4.3	5.0	4.0	4.4	6.8	7.3	5.8
MB-82	6.7	4.3	4.0	5.3	5.0	4.2	6.8	7.3	5.7
CHARIOT (CIS FL 12)	5.0	3.0	4.3	5.0	5.7	4.2	6.8	8.0	5.6
PICK FF A-97	6.7	4.0	5.0	4.7	4.7	4.3	6.5	7.7	5.6
HARDTOP (BAR HF 8 FUS)	5.3	5.0	5.3	5.0	6.3	3.8	6.5	8.0	5.6
OSPREY	5.3	4.3	4.7	4.7	6.7	3.8	6.9	7.3	5.6
VIKING (ABT-HF1)	5.7	4.3	4.0	5.0	5.0	4.1	6.6	8.0	5.5
BERKSHIRE (4001)	5.0	4.7	4.3	4.7	5.0	3.9	6.8	8.0	5.5
DEFIANT	5.3	4.3	4.3	4.7	5.3	4.2	6.4	8.0	5.5
EUREKA II (CIS FL 11)	5.0	4.3	4.3	5.0	3.7	4.1	6.8	8.7	5.5
SCALDIS	5.7	4.0	4.0	4.3	5.3	4.2	6.5	6.7	5.5
PST-4HM	5.7	3.7	5.0	5.0	4.7	4.1	6.7	7.0	5.5
ATTILA E	5.0	4.7	4.0	5.0	4.7	4.2	6.5	7.3	5.4
STONEHENGE (AHF 009)	5.3	4.0	4.0	4.7	4.7	4.1	6.6	7.7	5.4
OXFORD	5.0	4.0	4.3	5.0	4.7	4.2	6.5	7.0	5.4
NORDIC (E)	5.3	4.7	4.3	5.0	4.3	4.1	6.3	6.3	5.3
MINOTAUR	5.0	3.3	4.3	3.7	4.0	5.4	6.1	6.3	5.3
RELIANT II	5.0	4.0	3.7	4.7	4.7	4.0	6.2	8.0	5.3
SRX 3961	5.7	5.0	3.7	4.7	4.0	4.3	6.2	6.0	5.3
HERON	5.7	4.0	4.0	4.7	4.7	3.8	6.1	8.0	5.2
DISCOVERY	5.0	4.7	4.7	5.0	4.0	3.7	6.3	6.7	5.2
ABT-HF-3	5.3	3.3	4.0	4.7	5.0	3.8	6.3	7.0	5.1
ABT-HF-4	5.3	3.7	4.3	5.0	4.3	4.0	5.8	7.7	5.1
RESCUE 911	5.0	3.7	4.7	5.3	4.0	4.0	6.1	5.7	5.0
ABT-HF-2	5.3	4.7	3.7	4.7	4.7	3.6	6.3	6.0	5.0
BIGHORN	5.0	2.3	4.0	4.3	3.0	4.3	5.6	7.5	4.8
LSD VALUE	0.7	1.1	1.2	0.9	1.4	0.9	1.2	1.8	0.7
C.V. (%)	8.2	16.4	16.7	12.3	17.9	12.4	12.1	15.1	13.8

TABLE 18F. WINTER COLOR RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									
NAME	KY1	MD1	NC1	NC2	NJ1	OK1	VA1	WA3	MEAN
QUATRO	7.0	4.0	4.7	5.0	6.3	3.5	6.5	7.7	5.5
PST-4MB	5.7	3.3	4.3	4.3	3.3	5.2	5.7	6.3	5.1
SR 3200	5.7	2.7	4.0	4.3	3.3	4.2	5.6	5.7	4.7
SR 6000	4.0	2.0	3.0	3.7	2.7	4.1	5.1	5.7	4.3
LSD VALUE	0.7	1.0	1.3	0.8	0.9	1.2	1.2	2.5	0.7
C.V. (%)	7.3	21.5	20.4	11.5	14.7	14.9	12.9	24.1	15.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 19A. PERCENT WINTER KILL RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1	NAME	SD1
SR 6000	70.0	MB-63	20.0
ASC 082	61.7	MINOTAUR	20.0
ASC 172	60.0	STONEHENGE (AHF 009)	20.0
ABT-CR-2	50.0	SANDPIPER	18.3
CINDY LOU (CIS FRR 7)	46.7	TIFFANY	18.3
BOREAL	45.0	AMBASSADOR	16.7
JASPER II	41.7	PICK FF A-97	16.7
BAR CHF 8 FUS2	38.3	QUATRO	16.7
ABERDEEN (PST-EFL)	36.7	SHADOW II	16.7
ROSE (ASC 087)	36.7	ABT-HF-3	15.0
ABT-CR-3	35.0	DISCOVERY	15.0
SR 5210 (SRX 52LAV)	35.0	EUREKA II (CIS FL 11)	15.0
COMMON CREEPING RED	33.3	INTRIGUE	15.0
FLORENTINE	31.7	PATHFINDER	15.0
SRX 52961	31.7	ATTILA E	13.3
MAGIC	30.0	CHARIOT (CIS FL 12)	13.3
DGSC 94	28.3	MB-82	13.3
INVERNESS (PST-47TCR)	28.3	NORDIC (E)	13.3
PICK FRC A-93	28.3	RELIANT II	13.3
PST-4MB	28.3	SHADEMASTER II	13.3
SILHOUETTE (PICK FRC 4-92)	28.3	SRX 3961	13.3
SR 3200	28.3	ABT-CHW-2	11.7
ACF 083	26.7	ABT-HF-2	11.7
PST-4FR	26.7	BAR SCF 8 FUS3	11.7
RESCUE 911	26.7	BERKSHIRE (4001)	11.7
BIGHORN	25.0	BRITTANY	11.7
JAMESTOWN II	25.0	PST-4HM	11.7
SCALDIS II (AHF 008)	25.0	ABT-HF-4	10.0
SHADEMARK	25.0	VIKING (ABT-HF1)	10.0
HARDTOP (BAR HF 8 FUS)	23.3	SALSA	10.0
LONGFELLOW II	23.3	SCALDIS	10.0
NAVIGATOR (CIS FRR 5)	23.3	TREAZURE (E)	10.0
OSPREY	23.3	WRIGLEY (ACF 092)	10.0
ABT-CHW-1	21.7	BRIDGEPORT	8.3
AMBROSE (ABT-CHW-3)	21.7	DAWSON E+	8.3
ASR 049	21.7	DEFIANT	8.3
BANNER III	21.7	OXFORD	8.3
SR 5100	21.7	SEABREEZE	6.7
BARGENA III (BAR CF 8 FUS1)	20.0		
CULOMBRA	20.0	LSD VALUE	18.8
HERON	20.0	C.V. (%)	51.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WINTER KILL RATED IN 2000 ONLY.

TABLE 19B. PERCENT WINTER KILL RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1
BAR CHF 8 FUS2	38.3
MAGIC	30.0
PICK FRC A-93	28.3
SILHOUETTE (PICK FRC 4-92)	28.3
ACF 083	26.7
JAMESTOWN II	25.0
LONGFELLOW II	23.3
ABT-CHW-1	21.7
AMBROSE (ABT-CHW-3)	21.7
BANNER III	21.7
SR 5100	21.7
CULOMBRA	20.0
MB-63	20.0
SANDPIPER	18.3
TIFFANY	18.3
AMBASSADOR	16.7
SHADOW II	16.7
INTRIGUE	15.0
ABT-CHW-2	11.7
BRITTANY	11.7
TREAZURE (E)	10.0
WRIGLEY (ACF 092)	10.0
BRIDGEPORT	8.3
LSD VALUE	21.6
C.V. (%)	66.5

TABLE 19C. PERCENT WINTER KILL RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1
ASR 049	21.7
BAR SCF 8 FUS3	11.7
DAWSON E+	8.3
SEABREEZE	6.7
LSD VALUE	15.2
C.V. (%)	78.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WINTER KILL RATED IN 2000 ONLY.

TABLE 19D. PERCENT WINTER KILL RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1
ASC 082	61.7
ASC 172	60.0
ABT-CR-2	50.0
CINDY LOU (CIS FRR 7)	46.7
BOREAL	45.0
JASPER II	41.7
ABERDEEN (PST-EFL)	36.7
ROSE (ASC 087)	36.7
ABT-CR-3	35.0
SR 5210 (SRX 52LAV)	35.0
COMMON CREEPING RED	33.3
FLORENTINE	31.7
SRX 52961	31.7
DGSC 94	28.3
INVERNESS (PST-47TCR)	28.3
PST-4FR	26.7
SHADEMARK	25.0
NAVIGATOR (CIS FRR 5)	23.3
BARGENA III (BAR CF 8 FUS1)	20.0
PATHFINDER	15.0
SHADEMASTER II	13.3
SALSA	10.0
LSD VALUE	18.9
C.V. (%)	35.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WINTER KILL RATED IN 2000 ONLY.

TABLE 19E. PERCENT WINTER KILL RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1
RESCUE 911	26.7
BIGHORN	25.0
SCALDIS II (AHF 008)	25.0
HARDTOP (BAR HF 8 FUS)	23.3
OSPREY	23.3
HERON	20.0
MINOTAUR	20.0
STONEHENGE (AHF 009)	20.0
PICK FF A-97	16.7
ABT-HF-3	15.0
DISCOVERY	15.0
EUREKA II (CIS FL 11)	15.0
ATTILA E	13.3
CHARIOT (CIS FL 12)	13.3
MB-82	13.3
NORDIC (E)	13.3
RELIANT II	13.3
SRX 3961	13.3
ABT-HF-2	11.7
BERKSHIRE (4001)	11.7
PST-4HM	11.7
ABT-HF-4	10.0
VIKING (ABT-HF1)	10.0
SCALDIS	10.0
DEFIANT	8.3
OXFORD	8.3
LSD VALUE	16.1
C.V. (%)	63.9

TABLE 19F. PERCENT WINTER KILL RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	SD1
SR 6000	70.0
PST-4MB	28.3
SR 3200	28.3
QUATRO	16.7
LSD VALUE	21.3
C.V. (%)	36.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WINTER KILL RATED IN 2000 ONLY.



TABLE 20A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1	NAME	WA1
AMBROSE (ABT-CHW-3)	9.0	OXFORD	7.0
AMBASSADOR	9.0	SCALDIS	7.0
TREAZURE (E)	9.0	SEABREEZE	7.0
ABT-CHW-1	8.7	ACF 083	6.7
BRIDGEPORT	8.7	ATTILA E	6.7
CULOMBRA	8.7	CHARIOT (CIS FL 12)	6.7
INTRIGUE	8.7	CINDY LOU (CIS FRR 7)	6.7
MB-63	8.7	FLORENTINE	6.7
PICK FRC A-93	8.7	OSPREY	6.7
SHADOW II	8.7	ABT-HF-4	6.3
ABT-CHW-2	8.3	DEFIANT	6.3
BANNER III	8.3	INVERNESS (PST-47TCR)	6.3
BAR CHF 8 FUS2	8.3	RELIANT II	6.3
BRITTANY	8.3	ABERDEEN (PST-EFL)	6.0
LONGFELLOW II	8.3	BARGENA III (BAR CF 8 FUS1)	6.0
MAGIC	8.3	MINOTAUR	6.0
SILHOUETTE (PICK FRC 4-92)	8.3	PST-4HM	6.0
SR 5100	8.3	ROSE (ASC 087)	5.7
TIFFANY	8.3	DISCOVERY	5.3
SALSA	8.0	SHADEMASTER II	5.3
STONEHENGE (AHF 009)	8.0	BAR SCF 8 FUS3	5.0
VIKING (ABT-HF1)	7.7	JASPER II	5.0
BERKSHIRE (4001)	7.7	RESCUE 911	5.0
JAMESTOWN II	7.7	SRX 3961	5.0
PST-4MB	7.7	ASR 049	4.7
QUATRO	7.7	DGSC 94	4.7
SCALDIS II (AHF 008)	7.7	NAVIGATOR (CIS FRR 5)	4.7
ABT-HF-3	7.3	DAWSON E+	4.3
BIGHORN	7.3	HERON	4.3
EUREKA II (CIS FL 11)	7.3	ASC 172	4.0
PATHFINDER	7.3	SR 5210 (SRX 52LAV)	4.0
PICK FF A-97	7.3	SRX 52961	4.0
SANDPIPER	7.3	PST-4FR	3.3
SR 3200	7.3	SR 6000	3.3
WRIGLEY (ACF 092)	7.3	SHADEMARK	2.3
ABT-CR-2	7.0	ASC 082	2.0
ABT-CR-3	7.0	BOREAL	2.0
ABT-HF-2	7.0	COMMON CREEPING RED	2.0
HARDTOP (BAR HF 8 FUS)	7.0		
MB-82	7.0	LSD VALUE	2.3
NORDIC (E)	7.0	C.V. (%)	21.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1999 ONLY.

TABLE 20B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1
AMBROSE (ABT-CHW-3)	9.0
AMBASSADOR	9.0
TREAZURE (E)	9.0
ABT-CHW-1	8.7
BRIDGEPORT	8.7
CULOMBRA	8.7
INTRIGUE	8.7
MB-63	8.7
PICK FRC A-93	8.7
SHADOW II	8.7
ABT-CHW-2	8.3
BANNER III	8.3
BAR CHF 8 FUS2	8.3
BRITTANY	8.3
LONGFELLOW II	8.3
MAGIC	8.3
SILHOUETTE (PICK FRC 4-92)	8.3
SR 5100	8.3
TIFFANY	8.3
JAMESTOWN II	7.7
SANDPIPER	7.3
WRIGLEY (ACF 092)	7.3
ACF 083	6.7
LSD VALUE	1.4
C.V. (%)	10.5

TABLE 20C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1
SEABREEZE	7.0
BAR SCF 8 FUS3	5.0
ASR 049	4.7
DAWSON E+	4.3
LSD VALUE	3.0
C.V. (%)	35.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1999 ONLY.

TABLE 20D. DROUGHT TOLERANCE (DORMANCY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1
SALSA	8.0
PATHFINDER	7.3
ABT-CR-2	7.0
ABT-CR-3	7.0
CINDY LOU (CIS FRR 7)	6.7
FLORENTINE	6.7
INVERNESS (PST-47TCR)	6.3
ABERDEEN (PST-EFL)	6.0
BARGENA III (BAR CF 8 FUS1)	6.0
ROSE (ASC 087)	5.7
SHADEMASTER II	5.3
JASPER II	5.0
DGSC 94	4.7
NAVIGATOR (CIS FRR 5)	4.7
ASC 172	4.0
SR 5210 (SRX 52LAV)	4.0
SRX 52961	4.0
PST-4FR	3.3
SHADEMARK	2.3
ASC 082	2.0
BOREAL	2.0
COMMON CREEPING RED	2.0
LSD VALUE	3.0
C.V. (%)	36.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1999 ONLY.

TABLE 20E. DROUGHT TOLERANCE (DORMANCY) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1
STONEHENGE (AHF 009)	8.0
VIKING (ABT-HF1)	7.7
BERKSHIRE (4001)	7.7
SCALDIS II (AHF 008)	7.7
ABT-HF-3	7.3
BIGHORN	7.3
EUREKA II (CIS FL 11)	7.3
PICK FF A-97	7.3
ABT-HF-2	7.0
HARDTOP (BAR HF 8 FUS)	7.0
MB-82	7.0
NORDIC (E)	7.0
OXFORD	7.0
SCALDIS	7.0
ATTILA E	6.7
CHARIOT (CIS FL 12)	6.7
OSPREY	6.7
ABT-HF-4	6.3
DEFIANT	6.3
RELIANT II	6.3
MINOTAUR	6.0
PST-4HM	6.0
DISCOVERY	5.3
RESCUE 911	5.0
SRX 3961	5.0
HERON	4.3
LSD VALUE	2.2
C.V. (%)	20.8

TABLE 20F. DROUGHT TOLERANCE (DORMANCY) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	WA1
PST-4MB	7.7
QUATRO	7.7
SR 3200	7.3
SR 6000	3.3
LSD VALUE	2.5
C.V. (%)	23.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1999 ONLY.

TABLE 21A. DROUGHT TOLERANCE (RECOVERY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2	NAME	NC2
ABERDEEN (PST-EFL)	8.0	JAMESTOWN II	7.7
ABT-CHW-2	8.0	JASPER II	7.7
AMBROSE (ABT-CHW-3)	8.0	LONGFELLOW II	7.7
ABT-HF-3	8.0	MB-63	7.7
CHARIOT (CIS FL 12)	8.0	MINOTAUR	7.7
CULOMBRA	8.0	NORDIC (E)	7.7
DGSC 94	8.0	PICK FRC A-93	7.7
DISCOVERY	8.0	PST-4MB	7.7
FLORENTINE	8.0	QUATRO	7.7
HERON	8.0	RESCUE 911	7.7
INVERNESS (PST-47TCR)	8.0	SHADEMASTER II	7.7
MB-82	8.0	SHADOW II	7.7
NAVIGATOR (CIS FRR 5)	8.0	SR 5210 (SRX 52LAV)	7.7
OSPREY	8.0	SRX 52961	7.7
PICK FF A-97	8.0	TREAZURE (E)	7.7
PST-4HM	8.0	ABT-HF-2	7.3
RELIANT II	8.0	ATTILA E	7.3
SALSA	8.0	BAR CHF 8 FUS2	7.3
SANDPIPER	8.0	BIGHORN	7.3
SCALDIS II (AHF 008)	8.0	COMMON CREEPING RED	7.3
SHADEMARK	8.0	DEFIANT	7.3
SR 3200	8.0	INTRIGUE	7.3
SR 5100	8.0	MAGIC	7.3
SR 6000	8.0	OXFORD	7.3
SRX 3961	8.0	PST-4FR	7.3
STONEHENGE (AHF 009)	8.0	ROSE (ASC 087)	7.3
ABT-CR-2	7.7	SCALDIS	7.3
ABT-CR-3	7.7	SEABREEZE	7.3
ABT-HF-4	7.7	BAR SCF 8 FUS3	7.0
VIKING (ABT-HF1)	7.7	BRITTANY	7.0
AMBASSADOR	7.7	DAWSON E+	7.0
ASC 082	7.7	PATHFINDER	7.0
ASC 172	7.7	SILHOUETTE (PICK FRC 4-92)	7.0
ASR 049	7.7	TIFFANY	7.0
BANNER III	7.7	WRIGLEY (ACF 092)	7.0
BARGENA III (BAR CF 8 FUS1)	7.7	ACF 083	6.7
BERKSHIRE (4001)	7.7	HARDTOP (BAR HF 8 FUS)	6.7
BOREAL	7.7		
BRIDGEPORT	7.7	LSD VALUE	0.8
CINDY LOU (CIS FRR 7)	7.7	C.V. (%)	6.6
EUREKA II (CIS FL 11)	7.7		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2002 ONLY.

TABLE 21B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2
ABT-CHW-2	8.0
AMBROSE (ABT-CHW-3)	8.0
CULOMBRA	8.0
SANDPIPER	8.0
SR 5100	8.0
AMBASSADOR	7.7
BANNER III	7.7
BRIDGEPORT	7.7
JAMESTOWN II	7.7
LONGFELLOW II	7.7
MB-63	7.7
PICK FRC A-93	7.7
SHADOW II	7.7
TREAZURE (E)	7.7
BAR CHF 8 FUS2	7.3
INTRIGUE	7.3
MAGIC	7.3
BRITTANY	7.0
SILHOUETTE (PICK FRC 4-92)	7.0
TIFFANY	7.0
WRIGLEY (ACF 092)	7.0
ACF 083	6.7
LSD VALUE	0.8
C.V. (%)	6.5

TABLE 21C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2
ASR 049	7.7
SEABREEZE	7.3
BAR SCF 8 FUS3	7.0
DAWSON E+	7.0
LSD VALUE	1.3
C.V. (%)	11.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2002 ONLY.

TABLE 21D. DROUGHT TOLERANCE (RECOVERY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2
ABERDEEN (PST-EFL)	8.0
DGSC 94	8.0
FLORENTINE	8.0
INVERNESS (PST-47TCR)	8.0
NAVIGATOR (CIS FRR 5)	8.0
SALSA	8.0
SHADEMARK	8.0
ABT-CR-2	7.7
ABT-CR-3	7.7
ASC 082	7.7
ASC 172	7.7
BARGENA III (BAR CF 8 FUS1)	7.7
BOREAL	7.7
CINDY LOU (CIS FRR 7)	7.7
JASPER II	7.7
SHADEMASTER II	7.7
SR 5210 (SRX 52LAV)	7.7
SRX 52961	7.7
COMMON CREEPING RED	7.3
PST-4FR	7.3
ROSE (ASC 087)	7.3
PATHFINDER	7.0
LSD VALUE	0.7
C.V. (%)	6.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2002 ONLY.

TABLE 21E. DROUGHT TOLERANCE (RECOVERY) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2
ABT-HF-3	8.0
CHARIOT (CIS FL 12)	8.0
DISCOVERY	8.0
HERON	8.0
MB-82	8.0
OSPREY	8.0
PICK FF A-97	8.0
PST-4HM	8.0
RELIANT II	8.0
SCALDIS II (AHF 008)	8.0
SRX 3961	8.0
STONEHENGE (AHF 009)	8.0
ABT-HF-4	7.7
VIKING (ABT-HF1)	7.7
BERKSHIRE (4001)	7.7
EUREKA II (CIS FL 11)	7.7
MINOTAUR	7.7
NORDIC (E)	7.7
RESCUE 911	7.7
ABT-HF-2	7.3
ATTILA E	7.3
BIGHORN	7.3
DEFIANT	7.3
OXFORD	7.3
SCALDIS	7.3
HARDTOP (BAR HF 8 FUS)	6.7
LSD VALUE	0.8
C.V. (%)	6.6

TABLE 21F. DROUGHT TOLERANCE (RECOVERY) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NC2
SR 3200	8.0
SR 6000	8.0
PST-4MB	7.7
QUATRO	7.7
LSD VALUE	0.7
C.V. (%)	5.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2002 ONLY.



TABLE 22A. TYPHULA BLIGHT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1	NAME	SD1
ACF 083	9.0	QUATRO	8.0
ASC 082	9.0	RELIANT II	8.0
ROSE (ASC 087)	9.0	SANDPIPER	8.0
WRIGLEY (ACF 092)	8.7	SHADEMARK	8.0
ABERDEEN (PST-EFL)	8.3	SRX 52961	8.0
ABT-CHW-2	8.3	ABT-HF-4	7.7
AMBROSE (ABT-CHW-3)	8.3	ASC 172	7.7
AMBASSADOR	8.3	BARGENA III (BAR CF 8 FUS1)	7.7
ASR 049	8.3	COMMON CREEPING RED	7.7
BANNER III	8.3	CULOMBRA	7.7
BAR CHF 8 FUS2	8.3	EUREKA II (CIS FL 11)	7.7
BRIDGEPORT	8.3	HARDTOP (BAR HF 8 FUS)	7.7
DAWSON E+	8.3	MB-63	7.7
FLORENTINE	8.3	OXFORD	7.7
INTRIGUE	8.3	PATHFINDER	7.7
INVERNESS (PST-47TCR)	8.3	PICK FRC A-93	7.7
JAMESTOWN II	8.3	RESCUE 911	7.7
JASPER II	8.3	SCALDIS	7.7
LONGFELLOW II	8.3	SEABREEZE	7.7
MAGIC	8.3	SHADEMASTER II	7.7
NAVIGATOR (CIS FRR 5)	8.3	SRX 3961	7.7
PST-4FR	8.3	STONEHENGE (AHF 009)	7.7
SALSA	8.3	ABT-HF-2	7.3
SHADOW II	8.3	ABT-HF-3	7.3
SILHOUETTE (PICK FRC 4-92)	8.3	BOREAL	7.3
SR 5100	8.3	CINDY LOU (CIS FRR 7)	7.3
SR 6000	8.3	PICK FF A-97	7.3
TIFFANY	8.3	BERKSHIRE (4001)	7.0
TREAZURE (E)	8.3	NORDIC (E)	7.0
ABT-CHW-1	8.0	PST-4HM	7.0
ABT-CR-2	8.0	SR 3200	7.0
ABT-CR-3	8.0	SR 5210 (SRX 52LAV)	7.0
VIKING (ABT-HF1)	8.0	MB-82	6.7
BAR SCF 8 FUS3	8.0	BIGHORN	6.3
BRITTANY	8.0	MINOTAUR	6.3
CHARIOT (CIS FL 12)	8.0	OSPREY	6.3
DEFIANT	8.0	SCALDIS II (AHF 008)	5.7
DGSC 94	8.0	ATTILA E	4.7
DISCOVERY	8.0		
HERON	8.0	LSD VALUE	2.1
PST-4MB	8.0	C.V. (%)	16.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ TYPHULA BLIGHT RATED IN 2001 ONLY.

TABLE 22B. TYPHULA BLIGHT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1
ACF 083	9.0
WRIGLEY (ACF 092)	8.7
ABT-CHW-2	8.3
AMBROSE (ABT-CHW-3)	8.3
AMBASSADOR	8.3
BANNER III	8.3
BAR CHF 8 FUS2	8.3
BRIDGEPORT	8.3
INTRIGUE	8.3
JAMESTOWN II	8.3
LONGFELLOW II	8.3
MAGIC	8.3
SHADOW II	8.3
SILHOUETTE (PICK FRC 4-92)	8.3
SR 5100	8.3
TIFFANY	8.3
TREAZURE (E)	8.3
ABT-CHW-1	8.0
BRITTANY	8.0
SANDPIPER	8.0
CULOMBRA	7.7
MB-63	7.7
PICK FRC A-93	7.7
LSD VALUE	1.7
C.V. (%)	13.0

TABLE 22C. TYPHULA BLIGHT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1
ASR 049	8.3
DAWSON E+	8.3
BAR SCF 8 FUS3	8.0
SEABREEZE	7.7
LSD VALUE	1.6
C.V. (%)	12.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ TYPHULA BLIGHT RATED IN 2001 ONLY.

TABLE 22D. TYPHULA BLIGHT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1
ASC 082	9.0
ROSE (ASC 087)	9.0
ABERDEEN (PST-EFL)	8.3
FLORENTINE	8.3
INVERNESS (PST-47TCR)	8.3
JASPER II	8.3
NAVIGATOR (CIS FRR 5)	8.3
PST-4FR	8.3
SALSA	8.3
ABT-CR-2	8.0
ABT-CR-3	8.0
DGSC 94	8.0
SHADEMARK	8.0
SRX 52961	8.0
ASC 172	7.7
BARGENA III (BAR CF 8 FUS1)	7.7
COMMON CREEPING RED	7.7
PATHFINDER	7.7
SHADEMASTER II	7.7
BOREAL	7.3
CINDY LOU (CIS FRR 7)	7.3
SR 5210 (SRX 52LAV)	7.0
LSD VALUE	2.0
C.V. (%)	15.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ TYPHULA BLIGHT RATED IN 2001 ONLY.

TABLE 22E. TYPHULA BLIGHT RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1
VIKING (ABT-HF1)	8.0
CHARIOT (CIS FL 12)	8.0
DEFIANT	8.0
DISCOVERY	8.0
HERON	8.0
RELIANT II	8.0
ABT-HF-4	7.7
EUREKA II (CIS FL 11)	7.7
HARDTOP (BAR HF 8 FUS)	7.7
OXFORD	7.7
RESCUE 911	7.7
SCALDIS	7.7
SRX 3961	7.7
STONEHENGE (AHF 009)	7.7
ABT-HF-2	7.3
ABT-HF-3	7.3
PICK FF A-97	7.3
BERKSHIRE (4001)	7.0
NORDIC (E)	7.0
PST-4HM	7.0
MB-82	6.7
BIGHORN	6.3
MINOTAUR	6.3
OSPREY	6.3
SCALDIS II (AHF 008)	5.7
ATTILA E	4.7
LSD VALUE	2.5
C.V. (%)	21.4

TABLE 22F. TYPHULA BLIGHT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SD1
SR 6000	8.3
PST-4MB	8.0
QUATRO	8.0
SR 3200	7.0
LSD VALUE	2.2
C.V. (%)	17.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ TYPHULA BLIGHT RATED IN 2001 ONLY.

TABLE 23A.

MICRODOCHIUM PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN	NAME	ME1	ME2	MEAN
ABT-HF-3	8.7	9.0	8.8	SHADEMARK	6.7	8.3	7.5
DGSC 94	8.7	8.3	8.5	TIFFANY	7.7	7.3	7.5
ABT-HF-2	8.3	8.3	8.3	ABT-CHW-2	8.0	6.7	7.3
ABT-HF-4	8.0	8.7	8.3	ABT-CR-3	6.7	8.0	7.3
SEABREEZE	8.0	8.7	8.3	BAR CHF 8 FUS2	6.7	8.0	7.3
VIKING (ABT-HF1)	8.0	8.3	8.2	CINDY LOU (CIS FRR 7)	7.7	7.0	7.3
JAMESTOWN II	8.0	8.3	8.2	CULOMBRA	8.3	6.3	7.3
MINOTAUR	8.3	8.0	8.2	FLORENTINE	7.7	7.0	7.3
SALSA	8.0	8.3	8.2	OXFORD	7.7	7.0	7.3
SR 6000	8.0	8.3	8.2	SHADOW II	7.7	7.0	7.3
PICK FRC A-93	8.7	7.7	8.2	SILHOUETTE (PICK FRC 4-92)	7.3	7.3	7.3
SR 5100	7.7	8.7	8.2	TREAZURE (E)	7.3	7.3	7.3
ACF 083	7.7	8.3	8.0	EUREKA II (CIS FL 11)	6.7	7.7	7.2
BIGHORN	7.7	8.3	8.0	ATTILA E	7.0	7.3	7.2
BRITTANY	7.7	8.3	8.0	BAR SCF 8 FUS3	7.3	7.0	7.2
SHADEMASTER II	7.7	8.3	8.0	MAGIC	7.0	7.3	7.2
SR 3200	8.0	8.0	8.0	NAVIGATOR (CIS FRR 5)	7.0	7.3	7.2
WRIGLEY (ACF 092)	8.3	7.7	8.0	BARGENA III (BAR CF 8 FUS1)	6.3	7.7	7.0
ASR 049	9.0	6.7	7.8	BOREAL	7.7	6.3	7.0
COMMON CREEPING RED	7.7	8.0	7.8	OSPREY	7.0	7.0	7.0
MB-63	7.3	8.3	7.8	PST-4MB	6.7	7.3	7.0
PATHFINDER	8.3	7.3	7.8	QUATRO	6.0	8.0	7.0
SRX 3961	7.7	8.0	7.8	RELIANT II	7.3	6.7	7.0
ABERDEEN (PST-EFL)	8.3	7.0	7.7	BANNER III	8.3	5.3	6.8
BERKSHIRE (4001)	7.7	7.7	7.7	INTRIGUE	6.7	7.0	6.8
CHARIOT (CIS FL 12)	7.7	7.7	7.7	PST-4FR	6.7	7.0	6.8
BRIDGEPORT	7.3	8.0	7.7	SANDPIPER	5.7	8.0	6.8
DEFIANT	7.3	8.0	7.7	SR 5210 (SRX 52LAV)	7.0	6.7	6.8
PICK FF A-97	8.0	7.3	7.7	INVERNESS (PST-47TCR)	7.3	6.3	6.8
SRX 52961	8.0	7.3	7.7	JASPER II	7.3	6.3	6.8
ABT-CHW-1	7.3	7.7	7.5	LONGFELLOW II	7.3	6.3	6.8
AMBROSE (ABT-CHW-3)	7.7	7.3	7.5	ABT-CR-2	6.7	6.7	6.7
AMBASSADOR	8.0	7.0	7.5	SCALDIS II (AHF 008)	6.3	7.0	6.7
DAWSON E+	7.0	8.0	7.5	STONEHENGE (AHF 009)	6.0	7.0	6.5
DISCOVERY	7.7	7.3	7.5	ASC 082	6.0	6.7	6.3
HARDTOP (BAR HF 8 FUS)	7.0	8.0	7.5	PST-4HM	5.3	7.3	6.3
HERON	8.0	7.0	7.5	MB-82	6.3	5.7	6.0
NORDIC (E)	8.3	6.7	7.5	ASC 172	5.0	5.7	5.3
RESCUE 911	7.0	8.0	7.5				
ROSE (ASC 087)	7.0	8.0	7.5	LSD VALUE	2.3	1.8	1.5
SCALDIS	8.0	7.0	7.5	C.V. (%)	19.6	14.9	17.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.

TABLE 23B. MICRODOCHIUM PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
JAMESTOWN II	8.0	8.3	8.2
PICK FRC A-93	8.7	7.7	8.2
SR 5100	7.7	8.7	8.2
ACF 083	7.7	8.3	8.0
BRITTANY	7.7	8.3	8.0
WRIGLEY (ACF 092)	8.3	7.7	8.0
MB-63	7.3	8.3	7.8
BRIDGEPORT	7.3	8.0	7.7
ABT-CHW-1	7.3	7.7	7.5
AMBROSE (ABT-CHW-3)	7.7	7.3	7.5
AMBASSADOR	8.0	7.0	7.5
TIFFANY	7.7	7.3	7.5
ABT-CHW-2	8.0	6.7	7.3
BAR CHF 8 FUS2	6.7	8.0	7.3
CULOMBRA	8.3	6.3	7.3
SHADOW II	7.7	7.0	7.3
SILHOUETTE (PICK FRC 4-92)	7.3	7.3	7.3
TREAZURE (E)	7.3	7.3	7.3
MAGIC	7.0	7.3	7.2
BANNER III	8.3	5.3	6.8
INTRIGUE	6.7	7.0	6.8
SANDPIPER	5.7	8.0	6.8
LONGFELLOW II	7.3	6.3	6.8
LSD VALUE	2.4	1.7	1.5
C.V. (%)	19.6	14.2	17.1

TABLE 23C. MICRODOCHIUM PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
SEABREEZE	8.0	8.7	8.3
ASR 049	9.0	6.7	7.8
DAWSON E+	7.0	8.0	7.5
BAR SCF 8 FUS3	7.3	7.0	7.2
LSD VALUE	1.9	1.3	1.1
C.V. (%)	14.7	10.8	13.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.

TABLE 23D. MICRODOCHIUM PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
DGSC 94	8.7	8.3	8.5
SALSA	8.0	8.3	8.2
SHADEMASTER II	7.7	8.3	8.0
COMMON CREEPING RED	7.7	8.0	7.8
PATHFINDER	8.3	7.3	7.8
ABERDEEN (PST-EFL)	8.3	7.0	7.7
SRX 52961	8.0	7.3	7.7
ROSE (ASC 087)	7.0	8.0	7.5
SHADEMARK	6.7	8.3	7.5
ABT-CR-3	6.7	8.0	7.3
CINDY LOU (CIS FRR 7)	7.7	7.0	7.3
FLORENTINE	7.7	7.0	7.3
NAVIGATOR (CIS FRR 5)	7.0	7.3	7.2
BARGENA III (BAR CF 8 FUS1)	6.3	7.7	7.0
BOREAL	7.7	6.3	7.0
PST-4FR	6.7	7.0	6.8
SR 5210 (SRX 52LAV)	7.0	6.7	6.8
INVERNESS (PST-47TCR)	7.3	6.3	6.8
JASPER II	7.3	6.3	6.8
ABT-CR-2	6.7	6.7	6.7
ASC 082	6.0	6.7	6.3
ASC 172	5.0	5.7	5.3
LSD VALUE	2.2	1.8	1.4
C.V. (%)	19.3	15.5	17.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.

TABLE 23E. MICRODOCHIUM PATCH RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
ABT-HF-3	8.7	9.0	8.8
ABT-HF-2	8.3	8.3	8.3
ABT-HF-4	8.0	8.7	8.3
VIKING (ABT-HF1)	8.0	8.3	8.2
MINOTAUR	8.3	8.0	8.2
BIGHORN	7.7	8.3	8.0
SRX 3961	7.7	8.0	7.8
BERKSHIRE (4001)	7.7	7.7	7.7
CHARIOT (CIS FL 12)	7.7	7.7	7.7
DEFIANT	7.3	8.0	7.7
PICK FF A-97	8.0	7.3	7.7
DISCOVERY	7.7	7.3	7.5
HARDTOP (BAR HF 8 FUS)	7.0	8.0	7.5
HERON	8.0	7.0	7.5
NORDIC (E)	8.3	6.7	7.5
RESCUE 911	7.0	8.0	7.5
SCALDIS	8.0	7.0	7.5
OXFORD	7.7	7.0	7.3
EUREKA II (CIS FL 11)	6.7	7.7	7.2
ATTILA E	7.0	7.3	7.2
OSPREY	7.0	7.0	7.0
RELIANT II	7.3	6.7	7.0
SCALDIS II (AHF 008)	6.3	7.0	6.7
STONEHENGE (AHF 009)	6.0	7.0	6.5
PST-4HM	5.3	7.3	6.3
MB-82	6.3	5.7	6.0
LSD VALUE	2.4	1.9	1.5
C.V. (%)	20.2	15.5	18.0

TABLE 23F. MICRODOCHIUM PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
SR 6000	8.0	8.3	8.2
SR 3200	8.0	8.0	8.0
PST-4MB	6.7	7.3	7.0
QUATRO	6.0	8.0	7.0
LSD VALUE	2.5	1.9	1.6
C.V. (%)	21.3	15.0	18.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.



TABLE 24A.

LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	ME2	NJ1	NJ2	MEAN	NAME	ME1	ME2	NJ1	NJ2	MEAN
ABT-HF-3	7.0	7.7	6.3	7.2	7.8	BRITTANY	5.3	7.7	4.3	5.0	6.0
SR 6000	3.7	5.5	6.0	8.8	7.2	STONEHENGE (AHF 009)	6.3	7.7	4.3	5.5	6.0
PST-4MB	6.3	8.0	6.7	6.3	7.1	INVERNESS (PST-47TCR)	5.3	7.8	2.7	5.0	6.0
MINOTAUR	6.7	7.0	5.3	6.7	7.0	FLORENTINE	5.3	8.2	2.0	4.5	6.0
VIKING (ABT-HF1)	8.3	8.7	6.3	5.7	7.0	WRIGLEY (ACF 092)	4.3	7.5	4.7	6.3	6.0
RESCUE 911	7.7	7.8	5.7	5.5	6.9	BAR CHF 8 FUS2	6.3	8.3	4.0	4.7	5.9
SRX 3961	7.3	7.3	6.0	6.5	6.9	PICK FF A-97	7.7	7.2	4.7	4.3	5.9
INTRIGUE	7.0	8.2	4.3	6.8	6.9	RELIANT II	6.7	7.3	3.7	5.0	5.9
QUATRO	5.0	8.0	3.7	4.7	6.8	CHARIOT (CIS FL 12)	6.7	8.0	3.3	4.7	5.9
BERKSHIRE (4001)	7.3	8.2	6.0	6.0	6.8	PATHFINDER	5.0	7.5	3.0	4.2	5.8
ABT-HF-4	7.7	7.7	6.3	6.3	6.8	DEFIANT	6.0	7.8	4.3	4.5	5.8
JASPER II	5.7	8.3	4.0	5.7	6.7	CULOMBRA	5.3	8.3	3.7	5.0	5.7
BIGHORN	5.7	6.8	6.0	6.5	6.7	ABERDEEN (PST-EFL)	5.7	6.7	3.0	4.8	5.7
PICK FRC A-93	6.0	8.7	4.3	6.3	6.7	DGSC 94	4.3	7.7	2.3	4.5	5.7
ABT-CHW-2	7.0	7.8	5.0	6.2	6.7	BRIDGEPORT	5.0	8.0	3.7	4.5	5.6
AMBROSE (ABT-CHW-3)	6.7	8.2	5.3	6.5	6.7	ASC 082	4.3	6.2	3.3	5.0	5.6
SCALDIS	6.7	8.5	6.3	4.8	6.6	EUREKA II (CIS FL 11)	6.7	6.2	4.0	5.0	5.6
AMBASSADOR	7.3	8.3	4.7	6.2	6.6	SANDPIPER	6.0	8.0	3.3	4.3	5.6
LONGFELLOW II	6.0	7.7	4.3	6.7	6.6	TIFFANY	7.3	8.5	2.7	3.8	5.6
OXFORD	7.0	8.2	5.0	5.2	6.6	NAVIGATOR (CIS FRR 5)	4.7	8.0	3.3	4.7	5.5
ABT-HF-2	7.0	8.2	4.7	5.3	6.6	DAWSON E+	3.3	6.3	3.3	3.8	5.4
SHADOW II	6.3	8.0	5.0	6.5	6.5	PST-4FR	6.0	7.3	2.7	4.2	5.4
ASR 049	6.0	8.2	3.7	4.5	6.5	ATTILA E	7.3	7.0	3.7	3.8	5.4
NORDIC (E)	7.7	7.8	4.7	6.0	6.5	MAGIC	4.7	7.3	3.7	5.5	5.3
DISCOVERY	7.7	7.8	4.3	5.0	6.4	SALSA	4.7	8.3	2.0	2.8	5.3
PST-4HM	6.0	7.5	4.0	5.2	6.4	JAMESTOWN II	5.0	8.0	3.7	3.3	5.3
SCALDIS II (AHF 008)	6.7	7.5	4.0	5.8	6.3	SEABREEZE	4.3	8.0	3.3	3.8	5.3
ABT-CR-2	5.7	7.2	4.0	5.5	6.3	BANNER III	7.3	7.5	4.7	4.5	5.3
OSPREY	6.0	8.0	5.3	5.2	6.2	ASC 172	4.0	5.5	3.3	4.8	5.2
SRX 52961	5.0	7.7	3.0	5.3	6.2	BARGENA III (BAR CF 8 FUS1)	5.0	7.3	2.3	4.0	5.2
HERON	7.3	7.5	4.0	4.7	6.1	ACF 083	5.3	7.7	3.3	4.2	5.1
MB-82	7.7	8.2	4.7	5.0	6.1	SHADEMASTER II	5.7	6.5	2.7	3.7	4.9
ABT-CHW-1	6.3	7.0	5.0	5.7	6.1	MB-63	6.7	6.7	3.3	4.2	4.8
ABT-CR-3	4.7	7.3	3.3	5.5	6.1	SR 5210 (SRX 52LAV)	4.0	6.3	2.0	3.8	4.8
HARDTOP (BAR HF 8 FUS)	6.7	8.0	3.7	4.8	6.1	ROSE (ASC 087)	4.7	7.0	2.7	3.3	4.7
SR 5100	5.0	8.2	3.3	5.2	6.1	SHADEMARK	3.0	6.0	2.0	3.0	4.7
TREASURE (E)	5.7	8.0	4.3	5.5	6.1	COMMON CREEPING RED	2.7	5.7	3.3	2.5	4.4
SILHOUETTE (PICK FRC 4-92)	6.0	8.2	3.7	5.3	6.1	BOREAL	3.3	5.2	2.7	2.0	3.7
BAR SCF 8 FUS3	5.7	8.2	3.3	4.7	6.1						
CINDY LOU (CIS FRR 7)	5.7	7.5	3.7	5.0	6.0	LSO VALUE	2.1	2.5	1.3	1.6	1.4
SR 3200	5.3	8.0	5.0	4.5	6.0	C.V. (%)	21.7	20.4	19.8	19.1	18.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LEAF SPOT RATED AT "NJ2" IN 1999-2000, AND AT OTHER THREE LOCATIONS IN 1999 ONLY.

4/ LEAF SPOT CAUSED BY DRECHSLERA POAE AT "NJ2" IN 2000.

TABLE 24B. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/				MEAN
	ME1	ME2	NJ1	NJ2	
INTRIGUE	7.0	8.2	4.3	6.8	6.9
PICK FRC A-93	6.0	8.7	4.3	6.3	6.7
ABT-CHW-2	7.0	7.8	5.0	6.2	6.7
AMBROSE (ABT-CHW-3)	6.7	8.2	5.3	6.5	6.7
AMBASSADOR	7.3	8.3	4.7	6.2	6.6
LONGFELLOW II	6.0	7.7	4.3	6.7	6.6
SHADOW II	6.3	8.0	5.0	6.5	6.5
ABT-CHW-1	6.3	7.0	5.0	5.7	6.1
SR 5100	5.0	8.2	3.3	5.2	6.1
TREAZURE (E)	5.7	8.0	4.3	5.5	6.1
SILHOUETTE (PICK FRC 4-92)	6.0	8.2	3.7	5.3	6.1
BRITTANY	5.3	7.7	4.3	5.0	6.0
WRIGLEY (ACF 092)	4.3	7.5	4.7	6.3	6.0
BAR CHF 8 FUS2	6.3	8.3	4.0	4.7	5.9
CULOMBRA	5.3	8.3	3.7	5.0	5.7
BRIDGEPORT	5.0	8.0	3.7	4.5	5.6
SANDPIPER	6.0	8.0	3.3	4.3	5.6
TIFFANY	7.3	8.5	2.7	3.8	5.6
MAGIC	4.7	7.3	3.7	5.5	5.3
JAMESTOWN II	5.0	8.0	3.7	3.3	5.3
BANNER III	7.3	7.5	4.7	4.5	5.3
ACF 083	5.3	7.7	3.3	4.2	5.1
MB-63	6.7	6.7	3.3	4.2	4.8
LSD VALUE	1.9	1.8	1.4	1.4	1.3
C.V. (%)	20.2	14.5	20.5	16.9	16.8

TABLE 24C. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/				MEAN
	ME1	ME2	NJ1	NJ2	
ASR 049	6.0	8.2	3.7	4.5	6.5
BAR SCF 8 FUS3	5.7	8.2	3.3	4.7	6.1
DAWSON E+	3.3	6.3	3.3	3.8	5.4
SEABREEZE	4.3	8.0	3.3	3.8	5.3
LSD VALUE	1.4	2.0	0.9	1.4	1.3
C.V. (%)	17.9	16.2	16.9	22.6	16.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LEAF SPOT RATED AT "NJ2" IN 1999-2000, AND AT OTHER THREE LOCATIONS IN 1999 ONLY.

4/ LEAF SPOT CAUSED BY DRECHSLERA POAE AT "NJ2" IN 2000.

TABLE 24D. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/				MEAN
	ME1	ME2	NJ1	NJ2	
JASPER II	5.7	8.3	4.0	5.7	6.7
ABT-CR-2	5.7	7.2	4.0	5.5	6.3
SRX 52961	5.0	7.7	3.0	5.3	6.2
ABT-CR-3	4.7	7.3	3.3	5.5	6.1
CINDY LOU (CIS FRR 7)	5.7	7.5	3.7	5.0	6.0
INVERNESS (PST-47TCR)	5.3	7.8	2.7	5.0	6.0
FLORENTINE	5.3	8.2	2.0	4.5	6.0
PATHFINDER	5.0	7.5	3.0	4.2	5.8
ABERDEEN (PST-EFL)	5.7	6.7	3.0	4.8	5.7
DGSC 94	4.3	7.7	2.3	4.5	5.7
ASC 082	4.3	6.2	3.3	5.0	5.6
NAVIGATOR (CIS FRR 5)	4.7	8.0	3.3	4.7	5.5
PST-4FR	6.0	7.3	2.7	4.2	5.4
SALSA	4.7	8.3	2.0	2.8	5.3
ASC 172	4.0	5.5	3.3	4.8	5.2
BARGENA III (BAR CF 8 FUS1)	5.0	7.3	2.3	4.0	5.2
SHADEMASTER II	5.7	6.5	2.7	3.7	4.9
SR 5210 (SRX 52LAV)	4.0	6.3	2.0	3.8	4.8
ROSE (ASC 087)	4.7	7.0	2.7	3.3	4.7
SHADEMARK	3.0	6.0	2.0	3.0	4.7
COMMON CREEPING RED	2.7	5.7	3.3	2.5	4.4
BOREAL	3.3	5.2	2.7	2.0	3.7
LSD VALUE	1.9	2.6	0.9	1.4	1.3
C.V. (%)	25.0	24.4	18.6	20.2	21.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ LEAF SPOT RATED AT "NJ2" IN 1999-2000, AND AT OTHER THREE LOCATIONS IN 1999 ONLY.
- 4/ LEAF SPOT CAUSED BY DRECHSLERA POAE AT "NJ2" IN 2000.

TABLE 24E. LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	ME2	NJ1	NJ2	MEAN
ABT-HF-3	7.0	7.7	6.3	7.2	7.8
MINOTAUR	6.7	7.0	5.3	6.7	7.0
VIKING (ABT-HF1)	8.3	8.7	6.3	5.7	7.0
RESCUE 911	7.7	7.8	5.7	5.5	6.9
SRX 3961	7.3	7.3	6.0	6.5	6.9
BERKSHIRE (4001)	7.3	8.2	6.0	6.0	6.8
ABT-HF-4	7.7	7.7	6.3	6.3	6.8
BIGHORN	5.7	6.8	6.0	6.5	6.7
SCALDIS	6.7	8.5	6.3	4.8	6.6
OXFORD	7.0	8.2	5.0	5.2	6.6
ABT-HF-2	7.0	8.2	4.7	5.3	6.6
NORDIC (E)	7.7	7.8	4.7	6.0	6.5
DISCOVERY	7.7	7.8	4.3	5.0	6.4
PST-4HM	6.0	7.5	4.0	5.2	6.4
SCALDIS II (AHF 008)	6.7	7.5	4.0	5.8	6.3
OSPREY	6.0	8.0	5.3	5.2	6.2
HERON	7.3	7.5	4.0	4.7	6.1
MB-82	7.7	8.2	4.7	5.0	6.1
HARDTOP (BAR HF 8 FUS)	6.7	8.0	3.7	4.8	6.1
STONEHENGE (AHF 009)	6.3	7.7	4.3	5.5	6.0
PICK FF A-97	7.7	7.2	4.7	4.3	5.9
RELIANT II	6.7	7.3	3.7	5.0	5.9
CHARIOT (CIS FL 12)	6.7	8.0	3.3	4.7	5.9
DEFIANT	6.0	7.8	4.3	4.5	5.8
EUREKA II (CIS FL 11)	6.7	6.2	4.0	5.0	5.6
ATTLA E	7.3	7.0	3.7	3.8	5.4
LSD VALUE	2.1	2.7	1.6	1.8	1.6
C.V. (%)	18.8	22.0	20.1	20.2	19.2

TABLE 24F. LEAF SPOT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	ME2	NJ1	NJ2	MEAN
SR 6000	3.7	5.5	6.0	8.8	7.2
PST-4MB	6.3	8.0	6.7	6.3	7.1
QUATRO	5.0	8.0	3.7	4.7	6.8
SR 3200	5.3	8.0	5.0	4.5	6.0
LSD VALUE	3.2	2.9	1.0	1.8	1.5
C.V. (%)	39.3	24.7	12.1	18.5	19.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ LEAF SPOT RATED AT "NJ2" IN 1999-2000, AND AT OTHER THREE LOCATIONS IN 1999 ONLY.
- 4/ LEAF SPOT CAUSED BY DRECHSLERA POAE AT "NJ2" IN 2000.

TABLE 25A.

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN	NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
SR 6000	9.0	4.3	9.0	9.0	3.7	7.8	CULOMBRA	8.3	5.0	7.7	7.3	5.0	6.6
VIKING (ABT-HF1)	9.0	4.7	8.7	8.6	4.3	7.5	PICK FRC A-93	4.7	4.0	8.7	8.0	5.0	6.5
SCALDIS II (AHF 008)	8.3	5.7	8.0	8.6	4.0	7.5	DAWSON E+	8.3	3.7	7.3	7.0	5.0	6.5
SRX 3961	8.7	4.7	9.0	8.6	4.0	7.5	BANNER III	8.0	3.0	6.0	7.8	5.3	6.4
ABT-CHW-1	5.7	.	6.3	8.1	4.7	7.4	ABT-CR-3	6.0	3.7	8.0	7.6	4.3	6.3
PICK FF A-97	8.7	4.3	8.3	8.6	3.7	7.3	BRITTANY	7.3	3.7	7.0	7.3	5.7	6.3
OXFORD	8.7	4.7	8.7	8.3	4.0	7.3	WRIGLEY (ACF 092)	6.7	3.0	7.0	8.0	4.0	6.3
STONEHENGE (AHF 009)	8.7	4.7	8.0	8.6	3.0	7.3	SANDPIPER	5.7	3.3	8.0	7.8	5.0	6.3
CHARIOT (CIS FL 12)	8.3	4.7	8.0	8.4	4.3	7.3	MB-63	6.7	4.0	5.3	7.8	5.0	6.3
BERKSHIRE (4001)	7.0	4.7	8.0	8.6	4.7	7.2	SR 5100	4.7	3.0	5.7	8.0	5.0	6.3
RELIANT II	9.0	4.3	8.0	8.4	3.7	7.2	BAR CHF 8 FUS2	5.0	3.7	7.3	7.8	4.7	6.1
SRX 52961	9.0	3.3	8.3	8.2	5.0	7.2	BRIDGEPORT	6.0	3.0	6.3	7.6	5.3	6.1
PST-4HM	8.3	4.3	8.0	8.6	3.0	7.2	TIFFANY	4.3	3.7	6.0	7.8	5.0	6.1
ABERDEEN (PST-EFL)	8.0	5.0	7.7	8.0	4.7	7.2	SHADOW II	6.7	3.3	6.7	7.4	4.7	6.1
ABT-HF-3	9.0	3.3	8.7	8.6	4.0	7.2	ACF 083	6.0	2.7	4.3	7.9	4.0	6.0
ATTLA E	9.0	3.3	8.3	8.6	3.7	7.2	SR 5210 (SRX 52LAV)	8.7	3.3	7.0	7.0	4.3	6.0
INTRIGUE	7.0	3.7	8.0	8.4	5.0	7.1	QUATRO	8.3	3.0	7.0	7.4	3.7	6.0
EUREKA II (CIS FL 11)	8.7	4.7	8.7	8.2	3.3	7.1	SILHOUETTE (PICK FRC 4-92)	7.3	4.0	6.0	7.1	5.0	5.7
OSPREY	7.3	4.3	8.0	8.6	3.0	7.1	INVERNESS (PST-47TCR)	6.7	4.0	4.0	6.6	4.7	5.7
ABT-CHW-2	7.7	3.3	8.7	8.3	5.0	7.1	JAMESTOWN II	4.7	3.7	6.3	6.8	5.0	5.6
ABT-HF-4	8.3	3.7	8.3	8.6	3.3	7.1	BAR SCF 8 FUS3	5.3	3.7	5.0	6.3	3.7	5.5
SCALDIS	8.0	5.3	7.7	8.1	3.0	7.1	SEABREEZE	5.7	4.0	4.7	6.3	4.7	5.4
MB-82	8.3	3.7	8.3	8.1	3.7	7.1	MAGIC	5.0	3.0	5.3	7.1	5.3	5.4
NORDIC (E)	9.0	3.7	7.3	8.2	3.7	7.0	ASR 049	3.7	4.7	2.7	5.7	3.7	5.3
LONGFELLOW II	8.3	3.7	8.0	8.1	5.3	7.0	ASC 082	7.0	3.7	6.7	6.1	3.7	5.2
HARDTOP (BAR HF 8 FUS)	8.3	3.7	8.0	8.2	3.7	7.0	ABT-CR-2	5.7	4.3	3.0	5.6	3.3	5.2
AMBROSE (ABT-CHW-3)	7.7	4.3	7.0	8.1	5.0	6.9	DGSC 94	5.7	4.0	3.0	5.6	4.0	5.1
ABT-HF-2	8.3	4.3	8.0	8.2	3.3	6.9	SHADEMASTER II	7.3	4.3	2.7	4.9	4.3	5.0
BIGHORN	8.3	4.0	8.7	8.1	3.7	6.9	FLORENTINE	6.0	3.0	3.0	5.6	4.0	5.0
CINDY LOU (CIS FRR 7)	9.0	3.7	8.7	7.9	5.0	6.9	PST-4FR	3.3	3.3	1.0	6.0	3.0	4.9
MINOTAUR	7.3	4.3	8.3	8.2	3.7	6.9	ASC 172	6.3	3.0	4.3	6.1	3.7	4.8
NAVIGATOR (CIS FRR 5)	9.0	3.7	7.0	8.0	5.0	6.9	PATHFINDER	5.3	3.7	1.0	5.2	3.3	4.8
RESCUE 911	9.0	4.7	7.7	8.0	4.0	6.9	BARGENA III (BAR CF 8 FUS1)	6.0	3.3	3.0	5.3	3.3	4.8
TREAZURE (E)	6.3	3.3	7.3	8.6	4.7	6.9	COMMON CREEPING RED	6.0	3.3	3.7	5.2	3.7	4.7
HERON	8.7	4.0	8.0	7.9	3.7	6.9	ROSE (ASC 087)	5.0	3.0	3.0	5.1	3.3	4.6
AMBASSADOR	8.0	3.3	7.3	8.2	5.7	6.8	BOREAL	6.3	3.0	3.0	5.2	4.0	4.5
DISCOVERY	7.3	4.3	8.7	8.0	4.3	6.8	SHADEMARK	6.0	3.3	3.3	4.2	3.7	4.5
DEFIANT	8.0	4.7	7.7	7.6	3.7	6.7	SALSA	2.7	4.0	1.7	4.4	3.0	4.2
PST-4MB	7.0	3.7	8.0	8.0	3.7	6.7							
SR 3200	8.7	3.3	8.3	7.8	4.0	6.7	LSR VALUE	2.3	1.5	1.8	1.3	1.1	1.0
JASPER II	7.7	3.0	8.0	7.8	5.0	6.6	C.V. (%)	20.3	24.9	17.3	11.0	16.2	14.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED AT "NC2" IN 2002, AT "PA1" IN 1999 & 2002, AND AT OTHER THREE LOCATIONS IN 2000 ONLY.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ2" IN 2000, AND AT "PA1" IN 2002.

TABLE 25B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
ABT-CHW-1	5.7	.	6.3	8.1	4.7	7.4
INTRIGUE	7.0	3.7	8.0	8.4	5.0	7.1
ABT-CHW-2	7.7	3.3	8.7	8.3	5.0	7.1
LONGFELLOW II	8.3	3.7	8.0	8.1	5.3	7.0
AMBROSE (ABT-CHW-3)	7.7	4.3	7.0	8.1	5.0	6.9
TREAZURE (E)	6.3	3.3	7.3	8.6	4.7	6.9
AMBASSADOR	8.0	3.3	7.3	8.2	5.7	6.8
CULOMBRA	8.3	5.0	7.7	7.3	5.0	6.6
PICK FRC A-93	4.7	4.0	8.7	8.0	5.0	6.5
BANNER III	8.0	3.0	6.0	7.8	5.3	6.4
BRITTANY	7.3	3.7	7.0	7.3	5.7	6.3
WRIGLEY (ACF 092)	6.7	3.0	7.0	8.0	4.0	6.3
SANDPIPER	5.7	3.3	8.0	7.8	5.0	6.3
MB-63	6.7	4.0	5.3	7.8	5.0	6.3
SR 5100	4.7	3.0	5.7	8.0	5.0	6.3
BAR CHF 8 FUS2	5.0	3.7	7.3	7.8	4.7	6.1
BRIDGEPORT	6.0	3.0	6.3	7.6	5.3	6.1
TIFFANY	4.3	3.7	6.0	7.8	5.0	6.1
SHADOW II	6.7	3.3	6.7	7.4	4.7	6.1
ACF 083	6.0	2.7	4.3	7.9	4.0	6.0
SILHOUETTE (PICK FRC 4-92)	7.3	4.0	6.0	7.1	5.0	5.7
JAMESTOWN II	4.7	3.7	6.3	6.8	5.0	5.6
MAGIC	5.0	3.0	5.3	7.1	5.3	5.4
LSD VALUE	2.4	1.5	2.0	1.1	1.0	1.0
C.V. (%)	23.0	25.9	18.0	9.1	12.1	13.5

TABLE 25C. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
DAWSON E+	8.3	3.7	7.3	7.0	5.0	6.5
BAR SCF 8 FUS3	5.3	3.7	5.0	6.3	3.7	5.5
SEABREEZE	5.7	4.0	4.7	6.3	4.7	5.4
ASR 049	3.7	4.7	2.7	5.7	3.7	5.3
LSD VALUE	2.2	1.1	3.6	1.6	0.8	1.2
C.V. (%)	23.5	17.7	45.5	16.8	11.8	19.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED AT "NC2" IN 2002, AT "PA1" IN 1999 & 2002, AND AT OTHER THREE LOCATIONS IN 2000 ONLY.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ2" IN 2000, AND AT "PA1" IN 2002.

TABLE 25D. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
SRX 52961	9.0	3.3	8.3	8.2	5.0	7.2
ABERDEEN (PST-EFL)	8.0	5.0	7.7	8.0	4.7	7.2
CINDY LOU (CIS FRR 7)	9.0	3.7	8.7	7.9	5.0	6.9
NAVIGATOR (CIS FRR 5)	9.0	3.7	7.0	8.0	5.0	6.9
JASPER II	7.7	3.0	8.0	7.8	5.0	6.6
ABT-CR-3	6.0	3.7	8.0	7.6	4.3	6.3
SR 5210 (SRX 52LAV)	8.7	3.3	7.0	7.0	4.3	6.0
INVERNESS (PST-47TCR)	6.7	4.0	4.0	6.6	4.7	5.7
ASC 082	7.0	3.7	6.7	6.1	3.7	5.2
ABT-CR-2	5.7	4.3	3.0	5.6	3.3	5.2
DGSC 94	5.7	4.0	3.0	5.6	4.0	5.1
SHADEMASTER II	7.3	4.3	2.7	4.9	4.3	5.0
FLORENTINE	6.0	3.0	3.0	5.6	4.0	5.0
PST-4FR	3.3	3.3	1.0	6.0	3.0	4.9
ASC 172	6.3	3.0	4.3	6.1	3.7	4.8
PATHFINDER	5.3	3.7	1.0	5.2	3.3	4.8
BARGENA III (BAR CF 8 FUS1)	6.0	3.3	3.0	5.3	3.3	4.8
COMMON CREEPING RED	6.0	3.3	3.7	5.2	3.7	4.7
ROSE (ASC 087)	5.0	3.0	3.0	5.1	3.3	4.6
BOREAL	6.3	3.0	3.0	5.2	4.0	4.5
SHADEMARK	6.0	3.3	3.3	4.2	3.7	4.5
SALSA	2.7	4.0	1.7	4.4	3.0	4.2
LSD VALUE	2.5	1.6	1.7	1.8	0.9	1.3
C.V. (%)	24.1	28.1	23.2	18.9	14.4	20.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DOLLAR SPOT RATED AT "NC2" IN 2002, AT "PA1" IN 1999 & 2002, AND AT OTHER THREE LOCATIONS IN 2000 ONLY.
- 4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ2" IN 2000, AND AT "PA1" IN 2002.

TABLE 25E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
VIKING (ABT-HF1)	9.0	4.7	8.7	8.6	4.3	7.5
SCALDIS II (AHF 008)	8.3	5.7	8.0	8.6	4.0	7.5
SRX 3961	8.7	4.7	9.0	8.6	4.0	7.5
PICK FF A-97	8.7	4.3	8.3	8.6	3.7	7.3
OXFORD	8.7	4.7	8.7	8.3	4.0	7.3
STONEHENGE (AHF 009)	8.7	4.7	8.0	8.6	3.0	7.3
CHARIOT (CIS FL 12)	8.3	4.7	8.0	8.4	4.3	7.3
BERKSHIRE (4001)	7.0	4.7	8.0	8.6	4.7	7.2
RELIANT II	9.0	4.3	8.0	8.4	3.7	7.2
PST-4HM	8.3	4.3	8.0	8.6	3.0	7.2
ABT-HF-3	9.0	3.3	8.7	8.6	4.0	7.2
ATTILA E	9.0	3.3	8.3	8.6	3.7	7.2
EUREKA II (CIS FL 11)	8.7	4.7	8.7	8.2	3.3	7.1
OSPREY	7.3	4.3	8.0	8.6	3.0	7.1
ABT-HF-4	8.3	3.7	8.3	8.6	3.3	7.1
SCALDIS	8.0	5.3	7.7	8.1	3.0	7.1
MB-82	8.3	3.7	8.3	8.1	3.7	7.1
NORDIC (E)	9.0	3.7	7.3	8.2	3.7	7.0
HARDTOP (BAR HF 8 FUS)	8.3	3.7	8.0	8.2	3.7	7.0
ABT-HF-2	8.3	4.3	8.0	8.2	3.3	6.9
BIGHORN	8.3	4.0	8.7	8.1	3.7	6.9
MINOTAUR	7.3	4.3	8.3	8.2	3.7	6.9
RESCUE 911	9.0	4.7	7.7	8.0	4.0	6.9
HERON	8.7	4.0	8.0	7.9	3.7	6.9
DISCOVERY	7.3	4.3	8.7	8.0	4.3	6.8
DEFIANT	8.0	4.7	7.7	7.6	3.7	6.7
LSD VALUE	2.2	1.5	1.4	0.8	1.3	0.8
C.V. (%)	16.0	22.2	10.4	5.9	22.2	10.4

TABLE 25F. DOLLAR SPOT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	NC2	NJ2	PA1	WI2	MEAN
SR 6000	9.0	4.3	9.0	9.0	3.7	7.8
PST-4MB	7.0	3.7	8.0	8.0	3.7	6.7
SR 3200	8.7	3.3	8.3	7.8	4.0	6.7
QUATRO	8.3	3.0	7.0	7.4	3.7	6.0
LSD VALUE	2.4	1.8	1.9	0.8	1.1	0.9
C.V. (%)	17.8	31.2	14.3	6.6	18.9	12.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).  
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.  
3/ DOLLAR SPOT RATED AT "NC2" IN 2002, AT "PA1" IN 1999 & 2002, AND AT OTHER THREE LOCATIONS IN 2000 ONLY.  
4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ2" IN 2000, AND AT "PA1" IN 2002.



TABLE 26A.

 RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	MEAN
SRX 3961	8.3	8.2	8.3	3.0	7.0	7.7	7.7	8.0	7.3	7.7
ABT-HF-2	7.8	8.5	7.8	3.7	6.0	7.0	7.7	8.0	8.0	7.6
PST-4HM	8.2	8.5	8.1	4.0	6.0	6.7	7.7	8.0	6.7	7.6
BERKSHIRE (4001)	8.3	8.2	8.2	3.0	7.0	8.3	7.3	7.7	7.7	7.6
VIKING (ABT-HF1)	8.5	8.7	7.9	2.7	8.3	7.7	7.3	8.0	7.0	7.5
EUREKA II (CIS FL 11)	8.3	8.2	8.6	4.3	5.3	7.0	6.3	7.7	7.0	7.5
ATTILA E	8.2	7.5	7.9	4.7	7.0	7.3	6.3	7.7	7.3	7.5
NORDIC (E)	8.3	7.7	7.3	4.0	7.0	7.0	7.3	7.7	7.3	7.4
CHARIOT (CIS FL 12)	8.2	8.2	7.8	2.7	7.3	7.0	7.3	7.7	7.7	7.3
RELIANT II	7.7	8.0	7.0	4.0	7.0	7.0	7.0	8.0	7.0	7.3
ABT-HF-4	8.7	7.7	7.4	3.7	6.3	7.3	7.0	8.0	7.3	7.3
CINDY LOU (CIS FRR 7)	8.3	8.0	8.0	4.3	5.3	5.7	6.7	7.3	7.3	7.3
PST-4MB	8.3	7.5	7.8	3.3	6.7	7.3	7.3	8.0	7.0	7.3
OSPREY	8.2	7.0	7.7	4.0	5.3	7.7	7.0	7.0	7.0	7.3
LONGFELLOW II	7.7	7.2	7.6	5.0	7.7	6.3	7.3	8.0	6.7	7.3
MINOTAUR	9.0	7.7	7.2	2.7	8.0	8.0	6.7	8.0	7.3	7.2
HERON	7.8	6.7	8.3	3.7	6.7	7.0	7.3	7.7	7.7	7.2
OXFORD	8.3	7.3	7.3	3.0	6.7	7.3	7.3	8.0	7.3	7.2
DISCOVERY	8.0	7.3	7.4	3.7	7.0	7.3	6.7	8.0	7.3	7.2
NAVIGATOR (CIS FRR 5)	7.7	7.7	8.0	5.0	6.3	5.0	6.3	7.3	7.0	7.2
RESCUE 911	8.8	8.0	6.6	3.3	8.0	7.3	7.7	7.7	6.7	7.2
ABT-HF-3	8.7	7.7	7.7	2.7	6.3	8.0	7.3	7.3	8.0	7.2
STONEHENGE (AHF 009)	8.2	7.0	8.3	3.7	7.7	6.3	6.3	8.0	8.0	7.1
HARDTOP (BAR HF 8 FUS)	7.7	7.5	7.2	4.0	7.0	6.7	6.7	7.3	6.7	7.1
SR 3200	8.5	5.8	8.0	4.7	7.7	8.0	7.3	7.0	7.7	7.1
INTRIGUE	7.5	7.2	7.7	4.3	6.7	6.3	7.0	8.0	6.7	7.1
TREAZURE (E)	8.0	6.0	8.2	4.3	6.0	5.7	8.0	8.0	6.0	7.1
PICK FF A-97	8.8	7.0	7.7	3.3	6.3	6.7	6.7	7.7	7.3	7.0
BIGHORN	8.5	5.5	8.0	3.7	8.0	8.3	7.3	7.7	7.3	7.0
QUATRO	8.5	6.8	7.6	3.7	7.0	5.3	6.3	7.7	7.3	7.0
AMBASSADOR	8.5	6.2	7.3	5.3	6.3	6.0	7.0	8.0	7.3	7.0
ABT-CHW-2	7.3	6.5	8.2	3.7	7.0	6.7	7.0	7.7	6.7	6.9
SCALDIS	8.3	5.5	7.7	4.0	6.7	6.0	7.0	8.0	7.7	6.9
SCALDIS II (AHF 008)	8.5	5.3	8.1	4.0	7.0	6.7	7.0	8.0	7.3	6.9
AMBROSE (ABT-CHW-3)	7.2	6.5	7.2	5.3	7.3	6.3	7.3	8.0	7.3	6.9
ABT-CHW-1	8.0	5.5	8.2	3.3	5.3	6.0	7.3	7.0	7.0	6.8
SR 6000	7.5	5.0	7.7	2.7	5.3	5.3	8.0	7.0	7.7	6.7
WRIGLEY (ACF 092)	6.7	6.7	7.2	4.3	5.0	5.7	7.3	8.0	6.7	6.7
SR 5100	8.0	5.3	8.0	4.0	4.3	5.0	7.7	8.0	6.7	6.7
PICK FRC A-93	7.7	5.7	7.4	4.3	4.7	6.7	7.0	8.0	7.7	6.6
CULOMBRA	7.5	6.0	6.4	5.0	7.3	8.0	7.0	7.7	7.0	6.5
DEFIANT	8.2	6.2	6.2	4.0	7.0	5.7	7.3	6.0	6.3	6.5
MB-82	7.0	5.7	7.2	3.7	4.3	7.0	6.7	8.0	7.3	6.5
ACF 083	7.7	5.3	6.0	5.0	4.3	5.0	7.0	8.0	7.0	6.3

TABLE 26A. (CONT'D)

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	MEAN
BAR SCF 8 FUS3	8.7	4.3	6.2	3.7	6.7	4.7	7.3	7.7	6.7	6.2
SHADOW II	6.8	4.8	6.1	5.0	6.7	4.7	6.7	7.7	6.7	6.2
MAGIC	7.5	5.3	6.6	4.0	6.7	5.7	6.7	7.7	6.3	6.2
SANDPIPER	8.0	4.5	7.0	5.7	3.7	4.7	6.7	7.3	6.3	6.1
SRX 52961	8.0	6.2	6.6	3.7	3.7	4.3	6.3	7.7	7.0	6.1
JASPER II	8.7	5.3	6.6	3.7	5.7	3.0	6.3	8.0	7.7	6.1
BRIDGEPORT	8.3	4.2	6.7	5.7	6.0	4.7	7.3	8.0	5.7	6.1
JAMESTOWN II	7.5	5.7	6.7	5.0	6.0	4.7	5.7	7.7	6.3	6.1
ASR 049	8.7	3.7	6.0	4.3	6.7	4.3	6.7	7.3	6.7	6.0
ABERDEEN (PST-EFL)	8.5	4.8	6.2	4.0	6.3	5.0	6.7	7.0	6.7	5.9
ABT-CR-3	7.8	5.2	6.4	3.7	4.7	5.0	6.3	7.3	6.7	5.8
SILHOUETTE (PICK FRC 4-92)	7.7	4.5	5.6	4.7	6.0	6.7	6.3	8.0	7.0	5.8
BAR CHF 8 FUS2	7.8	4.2	5.3	4.7	7.3	6.0	6.3	8.0	6.7	5.8
BRITTANY	8.5	3.2	6.3	5.0	6.0	4.3	6.3	7.7	6.3	5.8
ASC 082	8.2	4.2	5.9	5.0	6.7	4.0	6.0	6.0	6.3	5.8
TIFFANY	8.2	4.2	5.1	4.7	5.3	5.3	6.3	8.0	6.0	5.7
SEABREEZE	7.7	3.5	5.2	4.7	6.3	5.0	7.3	7.0	6.7	5.7
DAWSON E+	8.7	4.9	5.1	3.7	6.3	4.3	6.3	6.0	6.7	5.7
BANNER III	8.0	4.5	5.6	4.3	5.0	5.0	6.7	8.0	5.7	5.7
ASC 172	8.5	3.3	6.3	4.7	6.3	3.0	5.3	6.7	7.0	5.6
SR 5210 (SRX 52LAV)	7.3	5.2	5.6	4.7	3.7	3.7	5.7	6.3	6.3	5.6
MB-63	6.3	3.7	5.1	6.3	6.3	4.7	5.7	7.3	6.3	5.5
COMMON CREEPING RED	7.3	4.5	5.4	6.0	5.3	4.0	5.3	7.3	7.3	5.5
ABT-CR-2	7.7	4.0	4.6	5.3	4.7	5.0	6.0	7.0	7.7	5.5
BOREAL	7.7	4.8	5.4	5.7	6.3	4.0	6.0	7.0	5.3	5.5
FLORENTINE	8.8	3.8	4.6	4.3	5.0	4.7	5.7	7.0	6.0	5.4
SHADEMASTER II	8.2	3.5	4.8	5.3	5.0	4.3	6.0	7.3	5.7	5.4
SALSA	7.7	4.8	3.8	5.0	5.7	3.0	6.7	6.0	6.3	5.3
DGSC 94	8.5	3.0	3.7	5.3	7.0	4.7	5.3	6.7	7.0	5.1
INVERNESS (PST-47TCR)	8.5	2.5	4.3	5.3	6.7	4.0	5.3	7.0	7.0	5.1
PATHFINDER	8.2	3.2	4.3	4.0	5.3	3.0	6.0	6.3	5.7	5.0
PST-4FR	7.8	2.5	3.7	5.7	8.0	3.7	5.7	7.0	5.7	4.8
ROSE (ASC 087)	7.5	2.7	4.1	5.7	6.7	4.0	4.7	7.0	5.7	4.7
SHADEMARK	7.0	2.5	4.0	4.7	7.3	3.7	6.0	5.3	5.7	4.6
BARGENA III (BAR CF 8 FUS1)	8.2	2.5	3.6	4.7	4.7	3.3	4.7	7.0	6.3	4.5
LSD VALUE	1.9	2.4	2.1	2.1	2.5	1.7	1.3	1.6	1.6	1.1
C.V. (%)	14.5	25.8	20.3	30.7	24.7	18.7	12.5	13.6	14.9	19.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED AT "ME2" IN 2000 & 2002, AT "NJ1" & "NJ2" IN 2001-02, AT "NS1" & "WA3" IN 2000, AND AT OTHER FOUR LOCATIONS IN 2002.

4/ RED THREAD CAUSED BY LAETISARIA FUCIFORMIS AT "NJ1" IN 2001-02, AT "NJ2" IN 2000-02, AT "NS1" & "WA3" IN 2000, AND AT "WI1" & "WI2" IN 2002.

TABLE 26B.

RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									MEAN
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	
LONGFELLOW II	7.7	7.2	7.6	5.0	7.7	6.3	7.3	8.0	6.7	7.3
INTRIGUE	7.5	7.2	7.7	4.3	6.7	6.3	7.0	8.0	6.7	7.1
TREAZURE (E)	8.0	6.0	8.2	4.3	6.0	5.7	8.0	8.0	6.0	7.1
AMBASSADOR	8.5	6.2	7.3	5.3	6.3	6.0	7.0	8.0	7.3	7.0
ABT-CHW-2	7.3	6.5	8.2	3.7	7.0	6.7	7.0	7.7	6.7	6.9
AMBROSE (ABT-CHW-3)	7.2	6.5	7.2	5.3	7.3	6.3	7.3	8.0	7.3	6.9
ABT-CHW-1	8.0	5.5	8.2	3.3	5.3	6.0	7.3	7.0	7.0	6.8
WRIGLEY (ACF 092)	6.7	6.7	7.2	4.3	5.0	5.7	7.3	8.0	6.7	6.7
SR 5100	8.0	5.3	8.0	4.0	4.3	5.0	7.7	8.0	6.7	6.7
PICK FRC A-93	7.7	5.7	7.4	4.3	4.7	6.7	7.0	8.0	7.7	6.6
CULOMBRA	7.5	6.0	6.4	5.0	7.3	8.0	7.0	7.7	7.0	6.5
ACF 083	7.7	5.3	6.0	5.0	4.3	5.0	7.0	8.0	7.0	6.3
SHADOW II	6.8	4.8	6.1	5.0	6.7	4.7	6.7	7.7	6.7	6.2
MAGIC	7.5	5.3	6.6	4.0	6.7	5.7	6.7	7.7	6.3	6.2
SANDPIPER	8.0	4.5	7.0	5.7	3.7	4.7	6.7	7.3	6.3	6.1
BRIDGEPORT	8.3	4.2	6.7	5.7	6.0	4.7	7.3	8.0	5.7	6.1
JAMESTOWN II	7.5	5.7	6.7	5.0	6.0	4.7	5.7	7.7	6.3	6.1
SILHOUETTE (PICK FRC 4-92)	7.7	4.5	5.6	4.7	6.0	6.7	6.3	8.0	7.0	5.8
BAR CHF 8 FUS2	7.8	4.2	5.3	4.7	7.3	6.0	6.3	8.0	6.7	5.8
BRITTANY	8.5	3.2	6.3	5.0	6.0	4.3	6.3	7.7	6.3	5.8
TIFFANY	8.2	4.2	5.1	4.7	5.3	5.3	6.3	8.0	6.0	5.7
BANNER III	8.0	4.5	5.6	4.3	5.0	5.0	6.7	8.0	5.7	5.7
MB-63	6.3	3.7	5.1	6.3	6.3	4.7	5.7	7.3	6.3	5.5
LSD VALUE	1.8	2.8	2.0	2.2	2.5	1.6	1.1	0.8	1.6	1.1
C.V. (%)	14.5	32.4	19.9	28.5	26.4	17.4	10.2	6.4	15.3	20.7

TABLE 26C.

RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									MEAN
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	
BAR SCF 8 FUS3	8.7	4.3	6.2	3.7	6.7	4.7	7.3	7.7	6.7	6.2
ASR 049	8.7	3.7	6.0	4.3	6.7	4.3	6.7	7.3	6.7	6.0
SEABREEZE	7.7	3.5	5.2	4.7	6.3	5.0	7.3	7.0	6.7	5.7
DAWSON E+	8.7	4.9	5.1	3.7	6.3	4.3	6.3	6.0	6.7	5.7
LSD VALUE	1.3	2.9	2.5	1.9	2.7	2.1	1.5	2.2	1.5	1.2
C.V. (%)	9.9	42.4	30.7	28.3	25.9	28.9	13.2	19.8	13.7	23.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED AT "ME2" IN 2000 & 2002, AT "NJ1" & "NJ2" IN 2001-02, AT "NS1" & "WA3" IN 2000, AND AT OTHER FOUR LOCATIONS IN 2002.

4/ RED THREAD CAUSED BY LAETISARIA FUCIFORMIS AT "NJ1" IN 2001-02, AT "NJ2" IN 2000-02, AT "NS1" & "WA3" IN 2000, AND AT "WI1" & "WI2" IN 2002.

TABLE 26D.

RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	MEAN
CINDY LOU (CIS FRR 7)	8.3	8.0	8.0	4.3	5.3	5.7	6.7	7.3	7.3	7.3
NAVIGATOR (CIS FRR 5)	7.7	7.7	8.0	5.0	6.3	5.0	6.3	7.3	7.0	7.2
SRX 52961	8.0	6.2	6.6	3.7	3.7	4.3	6.3	7.7	7.0	6.1
JASPER II	8.7	5.3	6.6	3.7	5.7	3.0	6.3	8.0	7.7	6.1
ABERDEEN (PST-EFL)	8.5	4.8	6.2	4.0	6.3	5.0	6.7	7.0	6.7	5.9
ABT-CR-3	7.8	5.2	6.4	3.7	4.7	5.0	6.3	7.3	6.7	5.8
ASC 082	8.2	4.2	5.9	5.0	6.7	4.0	6.0	6.0	6.3	5.8
ASC 172	8.5	3.3	6.3	4.7	6.3	3.0	5.3	6.7	7.0	5.6
SR 5210 (SRX 52LAV)	7.3	5.2	5.6	4.7	3.7	3.7	5.7	6.3	6.3	5.6
COMMON CREEPING RED	7.3	4.5	5.4	6.0	5.3	4.0	5.3	7.3	7.3	5.5
ABT-CR-2	7.7	4.0	4.6	5.3	4.7	5.0	6.0	7.0	7.7	5.5
BOREAL	7.7	4.8	5.4	5.7	6.3	4.0	6.0	7.0	5.3	5.5
FLORENTINE	8.8	3.8	4.6	4.3	5.0	4.7	5.7	7.0	6.0	5.4
SHADEMASTER II	8.2	3.5	4.8	5.3	5.0	4.3	6.0	7.3	5.7	5.4
SALSA	7.7	4.8	3.8	5.0	5.7	3.0	6.7	6.0	6.3	5.3
DGSC 94	8.5	3.0	3.7	5.3	7.0	4.7	5.3	6.7	7.0	5.1
INVERNESS (PST-47TCR)	8.5	2.5	4.3	5.3	6.7	4.0	5.3	7.0	7.0	5.1
PATHFINDER	8.2	3.2	4.3	4.0	5.3	3.0	6.0	6.3	5.7	5.0
PST-4FR	7.8	2.5	3.7	5.7	8.0	3.7	5.7	7.0	5.7	4.8
ROSE (ASC 087)	7.5	2.7	4.1	5.7	6.7	4.0	4.7	7.0	5.7	4.7
SHADEMARK	7.0	2.5	4.0	4.7	7.3	3.7	6.0	5.3	5.7	4.6
BARGENA III (BAR CF 8 FUS1)	8.2	2.5	3.6	4.7	4.7	3.3	4.7	7.0	6.3	4.5
LSD VALUE	2.1	2.5	2.5	2.4	2.7	1.9	1.5	2.5	1.8	1.3
C.V. (%)	16.3	35.6	30.1	31.5	29.7	29.0	16.4	22.9	17.4	26.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED AT "ME2" IN 2000 & 2002, AT "NJ1" & "NJ2" IN 2001-02, AT "NS1" & "WA3" IN 2000, AND AT OTHER FOUR LOCATIONS IN 2002.

4/ RED THREAD CAUSED BY LAETISARIA FUCIFORMIS AT "NJ1" IN 2001-02, AT "NJ2" IN 2000-02, AT "NS1" & "WA3" IN 2000, AND AT "WI1" & "WI2" IN 2002.

TABLE 26E. RED THREAD RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									MEAN
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	
SRX 3961	8.3	8.2	8.3	3.0	7.0	7.7	7.7	8.0	7.3	7.7
ABT-HF-2	7.8	8.5	7.8	3.7	6.0	7.0	7.7	8.0	8.0	7.6
PST-4HM	8.2	8.5	8.1	4.0	6.0	6.7	7.7	8.0	6.7	7.6
BERKSHIRE (4001)	8.3	8.2	8.2	3.0	7.0	8.3	7.3	7.7	7.7	7.6
VIKING (ABT-HF1)	8.5	8.7	7.9	2.7	8.3	7.7	7.3	8.0	7.0	7.5
EUREKA II (CIS FL 11)	8.3	8.2	8.6	4.3	5.3	7.0	6.3	7.7	7.0	7.5
ATTILA E	8.2	7.5	7.9	4.7	7.0	7.3	6.3	7.7	7.3	7.5
NORDIC (E)	8.3	7.7	7.3	4.0	7.0	7.0	7.3	7.7	7.3	7.4
CHARIOT (CIS FL 12)	8.2	8.2	7.8	2.7	7.3	7.0	7.3	7.7	7.7	7.3
RELIANT II	7.7	8.0	7.0	4.0	7.0	7.0	7.0	8.0	7.0	7.3
ABT-HF-4	8.7	7.7	7.4	3.7	6.3	7.3	7.0	8.0	7.3	7.3
OSPREY	8.2	7.0	7.7	4.0	5.3	7.7	7.0	7.0	7.0	7.3
MINOTAUR	9.0	7.7	7.2	2.7	8.0	8.0	6.7	8.0	7.3	7.2
HERON	7.8	6.7	8.3	3.7	6.7	7.0	7.3	7.7	7.7	7.2
OXFORD	8.3	7.3	7.3	3.0	6.7	7.3	7.3	8.0	7.3	7.2
DISCOVERY	8.0	7.3	7.4	3.7	7.0	7.3	6.7	8.0	7.3	7.2
RESCUE 911	8.8	8.0	6.6	3.3	8.0	7.3	7.7	7.7	6.7	7.2
ABT-HF-3	8.7	7.7	7.7	2.7	6.3	8.0	7.3	7.3	8.0	7.2
STONEHENGE (AHF 009)	8.2	7.0	8.3	3.7	7.7	6.3	6.3	8.0	8.0	7.1
HARDTOP (BAR HF 8 FUS)	7.7	7.5	7.2	4.0	7.0	6.7	6.7	7.3	6.7	7.1
PICK FF A-97	8.8	7.0	7.7	3.3	6.3	6.7	6.7	7.7	7.3	7.0
BIGHORN	8.5	5.5	8.0	3.7	8.0	8.3	7.3	7.7	7.3	7.0
SCALDIS	8.3	5.5	7.7	4.0	6.7	6.0	7.0	8.0	7.7	6.9
SCALDIS II (AHF 008)	8.5	5.3	8.1	4.0	7.0	6.7	7.0	8.0	7.3	6.9
DEFIANT	8.2	6.2	6.2	4.0	7.0	5.7	7.3	6.0	6.3	6.5
MB-82	7.0	5.7	7.2	3.7	4.3	7.0	6.7	8.0	7.3	6.5
LSD VALUE	1.7	1.8	1.6	1.8	2.2	1.6	1.3	1.0	1.6	0.8
C.V. (%)	12.7	14.4	13.4	30.5	20.2	13.5	11.4	7.9	13.5	13.6

TABLE 26F. RED THREAD RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/									MEAN
	ME2	NJ1	NJ2	NS1	NY1	VA1	WA3	WI1	WI2	
PST-4MB	8.3	7.5	7.8	3.3	6.7	7.3	7.3	8.0	7.0	7.3
SR 3200	8.5	5.8	8.0	4.7	7.7	8.0	7.3	7.0	7.7	7.1
QUATRO	8.5	6.8	7.6	3.7	7.0	5.3	6.3	7.7	7.3	7.0
SR 6000	7.5	5.0	7.7	2.7	5.3	5.3	8.0	7.0	7.7	6.7
LSD VALUE	2.1	2.7	1.3	2.3	2.0	1.8	1.4	1.7	1.1	1.0
C.V. (%)	15.7	20.4	10.6	40.3	18.4	17.2	11.9	14.0	9.5	16.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ RED THREAD RATED AT "ME2" IN 2000 & 2002, AT "NJ1" & "NJ2" IN 2001-02, AT "NS1" & "WA3" IN 2000, AND AT OTHER FOUR LOCATIONS IN 2002.
- 4/ RED THREAD CAUSED BY LAETISARIA FUCIFORMIS AT "NJ1" IN 2001-02, AT "NJ2" IN 2000-02, AT "NS1" & "WA3" IN 2000, AND AT "WI1" & "WI2" IN 2002.

TABLE 27A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN	NAME	ME1	ME2	MEAN
LONGFELLOW II	6.8	7.3	7.1	HARDTOP (BAR HF 8 FUS)	5.5	5.8	5.7
AMBASSADOR	7.7	5.7	6.7	SEABREEZE	6.0	5.3	5.7
PST-4FR	6.5	6.8	6.7	DEFIANT	5.3	5.8	5.6
MINOTAUR	6.8	6.2	6.5	DGSC 94	6.2	5.0	5.6
SCALDIS II (AHF 008)	7.7	5.3	6.5	DISCOVERY	5.5	5.7	5.6
AMBROSE (ABT-CHW-3)	6.5	6.3	6.4	MB-82	5.7	5.5	5.6
BERKSHIRE (4001)	6.3	6.5	6.4	PICK FRC A-93	5.0	6.2	5.6
PST-4MB	6.8	6.0	6.4	SHADOW II	7.5	3.7	5.6
OXFORD	6.2	6.5	6.3	BAR CHF 8 FUS2	5.3	5.8	5.6
SRX 52961	5.8	6.8	6.3	TIFFANY	6.5	4.7	5.6
ABT-HF-3	6.3	6.2	6.3	NORDIC (E)	6.0	5.0	5.5
ATTILA E	6.8	5.7	6.3	SILHOUETTE (PICK FRC 4-92)	6.0	5.0	5.5
BARGENA III (BAR CF 8 FUS1)	6.3	6.2	6.3	QUATRO	5.7	5.2	5.4
BIGHORN	6.2	6.3	6.3	ROSE (ASC 087)	5.7	5.2	5.4
CHARIOT (CIS FL 12)	6.0	6.5	6.3	ABERDEEN (PST-EFL)	6.3	4.3	5.3
CINDY LOU (CIS FRR 7)	6.7	5.8	6.3	NAVIGATOR (CIS FRR 5)	5.0	5.7	5.3
EUREKA II (CIS FL 11)	6.2	6.3	6.3	PATHFINDER	5.5	5.2	5.3
INTRIGUE	6.8	5.7	6.3	SCALDIS	5.7	5.0	5.3
RELIANT II	6.7	5.8	6.3	ABT-CHW-2	5.8	4.7	5.3
ABT-CR-3	7.0	5.3	6.2	INVERNESS (PST-47TCR)	5.0	5.5	5.3
VIKING (ABT-HF1)	5.8	6.5	6.2	SHADEMARK	5.5	5.0	5.3
BANNER III	7.2	5.0	6.1	MB-63	5.5	4.7	5.1
PICK FF A-97	5.8	6.3	6.1	ASC 172	5.0	5.0	5.0
JASPER II	6.5	5.7	6.1	SR 5100	5.0	4.8	4.9
ABT-HF-4	7.2	4.8	6.0	BAR SCF 8 FUS3	5.5	4.3	4.9
FLORENTINE	6.3	5.7	6.0	SANDPIPER	5.3	4.5	4.9
SALSA	5.7	6.3	6.0	ACF 083	5.5	4.0	4.8
ABT-HF-2	6.3	5.5	5.9	ASR 049	5.0	4.5	4.8
PST-4HM	5.8	6.0	5.9	BRIDGEPORT	4.5	5.0	4.8
STONEHENGE (AHF 009)	6.0	5.8	5.9	OSPREY	5.0	4.5	4.8
TREASURE (E)	6.7	5.2	5.9	WRIGLEY (ACF 092)	5.3	3.8	4.6
BRITTANY	5.7	6.0	5.8	JAMESTOWN II	5.5	3.5	4.5
SHADEMASTER II	6.2	5.5	5.8	SR 5210 (SRX 52LAV)	4.5	4.3	4.4
SR 3200	6.2	5.5	5.8	ASC 082	5.0	3.7	4.3
ABT-CHW-1	5.8	5.7	5.8	BOREAL	3.3	4.2	3.8
MAGIC	6.2	5.3	5.8	SR 6000	3.5	3.3	3.4
RESCUE 911	5.8	5.7	5.8	DAWSON E+	3.5	3.2	3.3
SRX 3961	5.5	6.0	5.8	COMMON CREEPING RED	3.0	2.7	2.8
ABT-CR-2	5.8	5.5	5.7				
CULOMBRA	5.8	5.5	5.7	LSD VALUE	2.4	2.8	1.9
HERON	5.5	5.8	5.7	C.V. (%)	26.0	32.7	29.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "ME1" IN 1999, AND AT "ME2" IN 1999-2000.

TABLE 27B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	ME1	ME2	MEAN
LONGFELLOW II	6.8	7.3	7.1
AMBASSADOR	7.7	5.7	6.7
AMBROSE (ABT-CHW-3)	6.5	6.3	6.4
INTRIGUE	6.8	5.7	6.3
BANNER III	7.2	5.0	6.1
TREASURE (E)	6.7	5.2	5.9
BRITTANY	5.7	6.0	5.8
ABT-CHW-1	5.8	5.7	5.8
MAGIC	6.2	5.3	5.8
CULOMBRA	5.8	5.5	5.7
PICK FRC A-93	5.0	6.2	5.6
SHADOW II	7.5	3.7	5.6
BAR CHF 8 FUS2	5.3	5.8	5.6
TIFFANY	6.5	4.7	5.6
SILHOUETTE (PICK FRC 4-92)	6.0	5.0	5.5
ABT-CHW-2	5.8	4.7	5.3
MB-63	5.5	4.7	5.1
SR 5100	5.0	4.8	4.9
SANDPIPER	5.3	4.5	4.9
ACF 083	5.5	4.0	4.8
BRIDGEPORT	4.5	5.0	4.8
WRIGLEY (ACF 092)	5.3	3.8	4.6
JAMESTOWN II	5.5	3.5	4.5
LSD VALUE	2.3	2.4	1.7
C.V. (%)	23.3	29.8	26.3

TABLE 27C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	ME1	ME2	MEAN
SEABREEZE	6.0	5.3	5.7
BAR SCF 8 FUS3	5.5	4.3	4.9
ASR 049	5.0	4.5	4.8
DAWSON E+	3.5	3.2	3.3
LSD VALUE	3.2	2.3	2.0
C.V. (%)	39.6	32.4	37.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "ME1" IN 1999, AND AT "ME2" IN 1999-2000.

TABLE 27D. BROWN PATCH (WARM TEMPERATURE) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
PST-4FR	6.5	6.8	6.7
SRX 52961	5.8	6.8	6.3
BARGENA III (BAR CF 8 FUS1)	6.3	6.2	6.3
CINDY LOU (CIS FRR 7)	6.7	5.8	6.3
ABT-CR-3	7.0	5.3	6.2
JASPER II	6.5	5.7	6.1
FLORENTINE	6.3	5.7	6.0
SALSA	5.7	6.3	6.0
SHADEMASTER II	6.2	5.5	5.8
ABT-CR-2	5.8	5.5	5.7
DGSC 94	6.2	5.0	5.6
ROSE (ASC 087)	5.7	5.2	5.4
ABERDEEN (PST-EFL)	6.3	4.3	5.3
NAVIGATOR (CIS FRR 5)	5.0	5.7	5.3
PATHFINDER	5.5	5.2	5.3
INVERNESS (PST-47TCR)	5.0	5.5	5.3
SHADEMARK	5.5	5.0	5.3
ASC 172	5.0	5.0	5.0
SR 5210 (SRX 52LAV)	4.5	4.3	4.4
ASC 082	5.0	3.7	4.3
BOREAL	3.3	4.2	3.8
COMMON CREEPING RED	3.0	2.7	2.8
LSD VALUE	2.3	2.8	1.8
C.V. (%)	25.2	33.7	29.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "ME1" IN 1999, AND AT "ME2" IN 1999-2000.



TABLE 27E. BROWN PATCH (WARM TEMPERATURE) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
MINOTAUR	6.8	6.2	6.5
SCALDIS II (AHF 008)	7.7	5.3	6.5
BERKSHIRE (4001)	6.3	6.5	6.4
OXFORD	6.2	6.5	6.3
ABT-HF-3	6.3	6.2	6.3
ATTILA E	6.8	5.7	6.3
BIGHORN	6.2	6.3	6.3
CHARIOT (CIS FL 12)	6.0	6.5	6.3
EUREKA II (CIS FL 11)	6.2	6.3	6.3
RELIANT II	6.7	5.8	6.3
VIKING (ABT-HF1)	5.8	6.5	6.2
PICK FF A-97	5.8	6.3	6.1
ABT-HF-4	7.2	4.8	6.0
ABT-HF-2	6.3	5.5	5.9
PST-4HM	5.8	6.0	5.9
STONEHENGE (AHF 009)	6.0	5.8	5.9
RESCUE 911	5.8	5.7	5.8
SRX 3961	5.5	6.0	5.8
HERON	5.5	5.8	5.7
HARDTOP (BAR HF 8 FUS)	5.5	5.8	5.7
DEFIANT	5.3	5.8	5.6
DISCOVERY	5.5	5.7	5.6
MB-82	5.7	5.5	5.6
NORDIC (E)	6.0	5.0	5.5
SCALDIS	5.7	5.0	5.3
OSPREY	5.0	4.5	4.8
LSD VALUE	2.5	2.9	1.9
C.V. (%)	26.3	31.1	28.7

TABLE 27F. BROWN PATCH (WARM TEMPERATURE) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	ME2	MEAN
PST-4MB	6.8	6.0	6.4
SR 3200	6.2	5.5	5.8
QUATRO	5.7	5.2	5.4
SR 6000	3.5	3.3	3.4
LSD VALUE	2.9	3.8	2.4
C.V. (%)	32.6	49.1	40.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "ME1" IN 1999, AND AT "ME2" IN 1999-2000.

TABLE 28A.

SUMMER PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	NC1	NJ1	NJ2	WI2	MEAN	NAME	ME1	NC1	NJ1	NJ2	WI2	MEAN
NAVIGATOR (CIS FRR 5)	9.0	8.0	8.7	9.0	8.3	8.5	PST-4MB	7.7	7.3	5.0	5.3	5.3	6.3
SRX 52961	9.0	8.0	9.0	8.3	8.3	8.4	SRX 3961	7.7	7.7	2.7	6.0	6.3	6.3
CINDY LOU (CIS FRR 7)	9.0	8.0	8.3	9.0	8.0	8.4	WRIGLEY (ACF 092)	8.0	7.3	3.7	4.0	7.7	6.3
AMBASSADOR	8.7	8.0	7.3	9.0	8.0	8.2	BAR SCF 8 FUS3	7.3	6.7	3.0	6.3	7.0	6.2
JASPER II	8.0	8.0	7.7	9.0	8.3	8.2	BERKSHIRE (4001)	6.7	7.3	3.3	6.7	5.7	6.2
AMBROSE (ABT-CHW-3)	8.7	7.3	8.3	8.3	8.7	8.1	EUREKA II (CIS FL 11)	6.3	8.3	3.0	7.0	4.0	6.2
LONGFELLOW II	8.3	7.7	7.7	8.0	9.0	8.1	DGSC 94	7.0	6.3	6.3	4.7	5.7	6.1
ABT-CR-3	8.7	8.0	8.0	8.7	6.7	8.0	QUATRO	6.7	7.3	4.7	4.7	5.7	6.1
SR 5100	8.3	7.0	8.0	8.7	8.3	7.9	ABT-HF-3	5.0	7.7	3.0	8.3	4.3	6.0
TREAZURE (E)	7.7	7.7	7.0	8.7	8.3	7.8	ASR 049	5.7	7.3	1.3	6.3	8.0	6.0
PICK FRC A-93	8.7	6.7	8.3	8.7	7.3	7.7	BIGHORN	6.7	7.0	1.7	7.3	6.3	6.0
MAGIC	6.0	9.0	7.0	8.0	7.3	7.7	HERON	6.0	6.3	2.0	8.7	6.7	6.0
SR 5210 (SRX 52LAV)	8.0	7.0	7.3	8.7	8.3	7.7	SR 3200	5.7	7.3	1.7	8.7	5.3	6.0
ABT-CHW-2	7.3	7.0	7.7	8.3	8.7	7.7	ROSE (ASC 087)	8.3	6.3	4.7	3.7	6.3	5.9
ASC 082	7.0	7.7	7.7	8.0	7.3	7.6	STONEHENGE (AHF 009)	5.7	6.0	5.7	7.7	3.7	5.8
INTRIGUE	8.0	6.7	6.7	8.7	8.3	7.5	COMMON CREEPING RED	8.0	5.0	3.7	6.0	6.7	5.7
SANDPIPER	7.3	7.7	7.0	6.7	8.3	7.4	INVERNESS (PST-47TCR)	6.3	7.0	4.3	2.7	7.0	5.7
ABT-CHW-1	8.3	8.0	3.7	8.7	8.0	7.4	SALSA	8.0	6.7	2.0	5.0	5.7	5.7
ABERDEEN (PST-EFL)	8.3	6.0	7.3	8.7	8.0	7.4	SCALDIS II (AHF 008)	6.7	7.0	2.0	4.3	6.7	5.6
CULOMBRA	6.7	8.0	6.7	6.3	8.7	7.4	DISCOVERY	7.3	7.0	2.3	2.3	7.7	5.6
MB-63	6.7	8.3	8.0	5.0	7.7	7.3	PICK FF A-97	7.0	7.0	2.0	4.3	5.0	5.4
SILHOUETTE (PICK FRC 4-92)	7.0	8.7	5.3	5.7	7.7	7.2	NORDIC (E)	6.0	8.0	2.3	2.3	5.3	5.3
BANNER III	6.7	8.7	5.0	5.7	8.0	7.1	BOREAL	6.0	6.0	2.0	5.3	6.3	5.3
SHADEMASTER II	8.0	7.3	6.7	6.7	6.7	7.1	OSPREY	8.0	7.3	2.3	2.3	4.0	5.2
ABT-CR-2	7.7	7.7	4.7	7.0	7.7	7.1	RELIANT II	8.7	7.0	2.0	1.7	5.0	5.2
ASC 172	7.0	7.3	5.0	8.3	7.3	7.1	SEABREEZE	6.0	7.0	1.7	2.0	7.7	5.2
BRITTANY	5.7	7.3	7.3	6.7	8.0	7.1	RESCUE 911	5.0	6.7	2.7	3.7	6.3	5.2
BARGENA III (BAR CF 8 FUS1)	7.7	7.7	7.0	6.0	6.0	7.0	ATTILA E	5.3	6.3	2.7	4.0	5.7	5.1
BRIDGEPORT	7.0	6.3	6.3	7.7	8.3	7.0	DAWSON E+	4.7	5.7	1.7	4.3	8.0	5.0
PATHFINDER	7.7	7.3	5.0	7.0	7.3	6.9	HARDTOP (BAR HF 8 FUS)	5.7	7.3	3.0	2.0	4.7	5.0
CHARIOT (CIS FL 12)	8.3	8.0	3.7	7.0	6.0	6.8	MB-82	6.0	7.3	1.7	2.3	5.3	5.0
SHADEMARK	8.3	6.7	6.7	6.3	6.3	6.8	OXFORD	5.7	7.3	2.7	2.7	4.3	5.0
VIKING (ABT-HF1)	7.3	8.0	3.3	7.0	7.0	6.8	SR 6000	5.7	3.7	3.5	.	7.7	5.0
FLORENTINE	7.7	7.7	5.7	5.3	6.3	6.7	ABT-HF-4	5.7	6.3	2.3	4.7	4.3	4.9
JAMESTOWN II	7.3	7.7	3.3	7.0	7.3	6.7	PST-4HM	4.7	6.0	2.0	5.7	4.0	4.7
SHADOW II	7.7	6.3	7.3	5.0	7.0	6.6	DEFIANT	7.0	5.7	1.7	2.7	4.3	4.5
TIFFANY	6.0	8.0	6.3	2.7	8.3	6.6	SCALDIS	7.7	4.3	1.7	4.7	4.0	4.4
ACF 083	9.0	8.0	3.3	2.7	8.0	6.5	ABT-HF-2	4.3	7.0	2.3	2.0	3.3	4.3
BAR CHF 8 FUS2	6.0	7.7	4.3	5.3	7.7	6.4							
PST-4FR	7.7	7.7	4.7	4.7	6.0	6.4	LSD VALUE	2.7	2.1	2.1	2.0	1.9	1.8
MINOTAUR	6.3	7.3	3.3	8.0	5.7	6.3	C.V. (%)	23.8	18.6	28.0	20.6	17.8	21.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER PATCH RATED AT "ME1" & "NJ2" IN 2002, AT " NC1" IN 1999, AND AT "NJ1" & "WI1" IN 2000.

4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE AT "NJ1" & "WI2" IN 2000, AND AT "NJ2" IN 2002.

TABLE 28B. SUMMER PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/					MEAN
	ME1	NC1	NJ1	NJ2	WI2	
AMBASSADOR	8.7	8.0	7.3	9.0	8.0	8.2
AMBROSE (ABT-CHW-3)	8.7	7.3	8.3	8.3	8.7	8.1
LONGFELLOW II	8.3	7.7	7.7	8.0	9.0	8.1
SR 5100	8.3	7.0	8.0	8.7	8.3	7.9
TREASURE (E)	7.7	7.7	7.0	8.7	8.3	7.8
PICK FRC A-93	8.7	6.7	8.3	8.7	7.3	7.7
MAGIC	6.0	9.0	7.0	8.0	7.3	7.7
ABT-CHW-2	7.3	7.0	7.7	8.3	8.7	7.7
INTRIGUE	8.0	6.7	6.7	8.7	8.3	7.5
SANDPIPER	7.3	7.7	7.0	6.7	8.3	7.4
ABT-CHW-1	8.3	8.0	3.7	8.7	8.0	7.4
CULOMBRA	6.7	8.0	6.7	6.3	8.7	7.4
MB-63	6.7	8.3	8.0	5.0	7.7	7.3
SILHOUETTE (PICK FRC 4-92)	7.0	8.7	5.3	5.7	7.7	7.2
BANNER III	6.7	8.7	5.0	5.7	8.0	7.1
BRITTANY	5.7	7.3	7.3	6.7	8.0	7.1
BRIDGEPORT	7.0	6.3	6.3	7.7	8.3	7.0
JAMESTOWN II	7.3	7.7	3.3	7.0	7.3	6.7
SHADOW II	7.7	6.3	7.3	5.0	7.0	6.6
TIFFANY	6.0	8.0	6.3	2.7	8.3	6.6
ACF 083	9.0	8.0	3.3	2.7	8.0	6.5
BAR CHF 8 FUS2	6.0	7.7	4.3	5.3	7.7	6.4
WRIGLEY (ACF 092)	8.0	7.3	3.7	4.0	7.7	6.3
LSD VALUE	2.9	2.2	2.2	2.2	1.2	1.7
C.V. (%)	24.3	17.8	21.3	20.3	9.1	18.5

TABLE 28C. SUMMER PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NAME	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/					MEAN
	ME1	NC1	NJ1	NJ2	WI2	
BAR SCF 8 FUS3	7.3	6.7	3.0	6.3	7.0	6.2
ASR 049	5.7	7.3	1.3	6.3	8.0	6.0
SEABREEZE	6.0	7.0	1.7	2.0	7.7	5.2
DAWSON E+	4.7	5.7	1.7	4.3	8.0	5.0
LSD VALUE	3.6	0.8	1.8	0.8	1.5	1.3
C.V. (%)	37.8	7.5	58.3	10.5	11.9	19.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER PATCH RATED AT "ME1" & "NJ2" IN 2002, AT " NC1" IN 1999, AND AT "NJ1" & "WI1" IN 2000.

4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE AT "NJ1" & "WI2" IN 2000, AND AT "NJ2" IN 2002.

TABLE 28D. SUMMER PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	NC1	NJ1	NJ2	WI2	MEAN
NAVIGATOR (CIS FRR 5)	9.0	8.0	8.7	9.0	8.3	8.5
SRX 52961	9.0	8.0	9.0	8.3	8.3	8.4
CINDY LOU (CIS FRR 7)	9.0	8.0	8.3	9.0	8.0	8.4
JASPER II	8.0	8.0	7.7	9.0	8.3	8.2
ABT-CR-3	8.7	8.0	8.0	8.7	6.7	8.0
SR 5210 (SRX 52LAV)	8.0	7.0	7.3	8.7	8.3	7.7
ASC 082	7.0	7.7	7.7	8.0	7.3	7.6
ABERDEEN (PST-EFL)	8.3	6.0	7.3	8.7	8.0	7.4
SHADEMASTER II	8.0	7.3	6.7	6.7	6.7	7.1
ABT-CR-2	7.7	7.7	4.7	7.0	7.7	7.1
ASC 172	7.0	7.3	5.0	8.3	7.3	7.1
BARGENA III (BAR CF 8 FUS1)	7.7	7.7	7.0	6.0	6.0	7.0
PATHFINDER	7.7	7.3	5.0	7.0	7.3	6.9
SHADEMARK	8.3	6.7	6.7	6.3	6.3	6.8
FLORENTINE	7.7	7.7	5.7	5.3	6.3	6.7
PST-4FR	7.7	7.7	4.7	4.7	6.0	6.4
DGSC 94	7.0	6.3	6.3	4.7	5.7	6.1
ROSE (ASC 087)	8.3	6.3	4.7	3.7	6.3	5.9
COMMON CREEPING RED	8.0	5.0	3.7	6.0	6.7	5.7
INVERNESS (PST-47TCR)	6.3	7.0	4.3	2.7	7.0	5.7
SALSA	8.0	6.7	2.0	5.0	5.7	5.7
BOREAL	6.0	6.0	2.0	5.3	6.3	5.3
LSD VALUE	1.8	1.3	2.3	1.9	1.8	1.4
C.V. (%)	14.2	11.5	23.5	17.2	16.2	15.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER PATCH RATED AT "ME1" & "NJ2" IN 2002, AT "NC1" IN 1999, AND AT "NJ1" & "WI1" IN 2000.

4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE AT "NJ1" & "WI2" IN 2000, AND AT "NJ2" IN 2002.

TABLE 28E. SUMMER PATCH RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	NC1	NJ1	NJ2	WI2	MEAN
CHARIOT (CIS FL 12)	8.3	8.0	3.7	7.0	6.0	6.8
VIKING (ABT-HF1)	7.3	8.0	3.3	7.0	7.0	6.8
MINOTAUR	6.3	7.3	3.3	8.0	5.7	6.3
SRX 3961	7.7	7.7	2.7	6.0	6.3	6.3
BERKSHIRE (4001)	6.7	7.3	3.3	6.7	5.7	6.2
EUREKA II (CIS FL 11)	6.3	8.3	3.0	7.0	4.0	6.2
ABT-HF-3	5.0	7.7	3.0	8.3	4.3	6.0
BIGHORN	6.7	7.0	1.7	7.3	6.3	6.0
HERON	6.0	6.3	2.0	8.7	6.7	6.0
STONEHENGE (AHF 009)	5.7	6.0	5.7	7.7	3.7	5.8
SCALDIS II (AHF 008)	6.7	7.0	2.0	4.3	6.7	5.6
DISCOVERY	7.3	7.0	2.3	2.3	7.7	5.6
PICK FF A-97	7.0	7.0	2.0	4.3	5.0	5.4
NORDIC (E)	6.0	8.0	2.3	2.3	5.3	5.3
OSPREY	8.0	7.3	2.3	2.3	4.0	5.2
RELIANT II	8.7	7.0	2.0	1.7	5.0	5.2
RESCUE 911	5.0	6.7	2.7	3.7	6.3	5.2
ATTILA E	5.3	6.3	2.7	4.0	5.7	5.1
HARDTOP (BAR HF 8 FUS)	5.7	7.3	3.0	2.0	4.7	5.0
MB-82	6.0	7.3	1.7	2.3	5.3	5.0
OXFORD	5.7	7.3	2.7	2.7	4.3	5.0
ABT-HF-4	5.7	6.3	2.3	4.7	4.3	4.9
PST-4HM	4.7	6.0	2.0	5.7	4.0	4.7
DEFIANT	7.0	5.7	1.7	2.7	4.3	4.5
SCALDIS	7.7	4.3	1.7	4.7	4.0	4.4
ABT-HF-2	4.3	7.0	2.3	2.0	3.3	4.3
LSD VALUE	2.9	2.6	1.8	2.0	2.4	1.9
C.V. (%)	27.7	23.0	42.2	25.4	29.1	28.0

TABLE 28F. SUMMER PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	ME1	NC1	NJ1	NJ2	WI2	MEAN
PST-4MB	7.7	7.3	5.0	5.3	5.3	6.3
QUATRO	6.7	7.3	4.7	4.7	5.7	6.1
SR 3200	5.7	7.3	1.7	8.7	5.3	6.0
SR 6000	5.7	3.7	3.5	.	7.7	5.0
LSD VALUE	3.5	3.1	3.1	2.3	2.3	2.5
C.V. (%)	34.3	30.5	49.8	22.7	24.1	31.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH RATED AT "ME1" & "NJ2" IN 2002, AT "NC1" IN 1999, AND AT "NJ1" & "WI1" IN 2000.
- 4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE AT "NJ1" & "WI2" IN 2000, AND AT "NJ2" IN 2002.

TABLE 29A.

 PYTHIUM BLIGHT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 1999-2002 DATA

## PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN	NAME	WI1	WI2	MEAN
ABT-HF-4	9.0	7.0	8.0	PST-4HM	8.0	5.3	6.7
DGSC 94	8.3	7.3	7.8	SCALDIS II (AHF 008)	8.0	5.3	6.7
ACF 083	8.3	6.7	7.5	ABT-HF-3	7.0	6.0	6.5
PICK FF A-97	8.3	6.7	7.5	BRIDGEPORT	5.3	7.7	6.5
SHADEMARK	7.0	8.0	7.5	JASPER II	6.0	7.0	6.5
ASC 082	7.7	7.0	7.3	MB-82	6.7	6.3	6.5
CHARIOT (CIS FL 12)	7.7	7.0	7.3	OSPREY	7.3	5.7	6.5
INVERNESS (PST-47TCR)	8.0	6.7	7.3	PICK FRC A-93	7.0	5.7	6.3
MINOTAUR	8.3	6.3	7.3	SEABREEZE	7.0	5.7	6.3
OXFORD	9.0	5.7	7.3	SR 5210 (SRX 52LAV)	7.0	5.7	6.3
RELIANT II	8.3	6.3	7.3	SRX 52961	5.7	7.0	6.3
SILHOUETTE (PICK FRC 4-92)	7.7	7.0	7.3	BIGHORN	6.3	6.3	6.3
STONEHENGE (AHF 009)	7.7	7.0	7.3	BOREAL	7.3	5.3	6.3
ABERDEEN (PST-EFL)	8.7	6.0	7.3	TREAZURE (E)	5.3	7.3	6.3
VIKING (ABT-HF1)	7.3	7.3	7.3	SRX 3961	5.7	6.7	6.2
ASC 172	7.7	6.7	7.2	BAR CHF 8 FUS2	7.0	5.3	6.2
NAVIGATOR (CIS FRR 5)	7.7	6.7	7.2	BARGENA III (BAR CF 8 FUS1)	6.0	6.3	6.2
DISCOVERY	7.3	7.0	7.2	FLORENTINE	6.3	6.0	6.2
HARDTOP (BAR HF 8 FUS)	8.0	6.3	7.2	PST-4FR	6.3	6.0	6.2
QUATRO	7.3	7.0	7.2	SHADOW II	7.0	5.3	6.2
AMBASSADOR	8.0	6.0	7.0	SR 5100	6.0	6.3	6.2
BANNER III	7.3	6.7	7.0	WRIGLEY (ACF 092)	6.0	6.3	6.2
BERKSHIRE (4001)	7.3	6.7	7.0	MB-63	5.0	6.7	5.8
HERON	8.3	5.7	7.0	PATHFINDER	5.7	6.0	5.8
NORDIC (E)	7.3	6.7	7.0	ABT-CHW-1	7.0	4.3	5.7
ROSE (ASC 087)	7.3	6.7	7.0	ABT-CHW-2	7.3	4.0	5.7
SCALDIS	7.0	7.0	7.0	ABT-CR-2	7.0	4.3	5.7
SR 3200	7.7	6.3	7.0	MAGIC	6.0	5.3	5.7
ABT-HF-2	7.0	6.7	6.8	AMBROSE (ABT-CHW-3)	7.7	3.3	5.5
PST-4MB	7.0	6.7	6.8	CINDY LOU (CIS FRR 7)	5.0	5.7	5.3
RESCUE 911	7.0	6.7	6.8	JAMESTOWN II	5.7	5.0	5.3
SALSA	7.7	6.0	6.8	SANDPIPER	6.0	4.7	5.3
SHADEMASTER II	7.7	6.0	6.8	BRITTANY	4.7	5.7	5.2
TIFFANY	7.7	6.0	6.8	CULOMBRA	5.0	5.3	5.2
DAWSON E+	7.3	6.3	6.8	SR 6000	5.3	5.0	5.2
EUREKA II (CIS FL 11)	7.3	6.3	6.8	INTRIGUE	5.0	5.0	5.0
BAR SCF 8 FUS3	7.7	5.7	6.7	LONGFELLOW II	4.7	5.3	5.0
ASR 049	7.3	6.0	6.7	ABT-CR-3	4.7	5.0	4.8
ATTILA E	7.3	6.0	6.7				
COMMON CREEPING RED	8.0	5.3	6.7	LSD VALUE	2.7	2.3	1.8
DEFIANT	8.0	5.3	6.7	C.V. (%)	24.4	23.6	24.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 2001 ONLY.

TABLE 29B. PYTHIUM BLIGHT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN
ACF 083	8.3	6.7	7.5
SILHOUETTE (PICK FRC 4-92)	7.7	7.0	7.3
AMBASSADOR	8.0	6.0	7.0
BANNER III	7.3	6.7	7.0
TIFFANY	7.7	6.0	6.8
BRIDGEPORT	5.3	7.7	6.5
PICK FRC A-93	7.0	5.7	6.3
TREAZURE (E)	5.3	7.3	6.3
BAR CHF 8 FUS2	7.0	5.3	6.2
SHADOW II	7.0	5.3	6.2
SR 5100	6.0	6.3	6.2
WRIGLEY (ACF 092)	6.0	6.3	6.2
MB-63	5.0	6.7	5.8
ABT-CHW-1	7.0	4.3	5.7
ABT-CHW-2	7.3	4.0	5.7
MAGIC	6.0	5.3	5.7
AMBROSE (ABT-CHW-3)	7.7	3.3	5.5
JAMESTOWN II	5.7	5.0	5.3
SANDPIPER	6.0	4.7	5.3
BRITTANY	4.7	5.7	5.2
CULOMBRA	5.0	5.3	5.2
INTRIGUE	5.0	5.0	5.0
LONGFELLOW II	4.7	5.3	5.0
LSD VALUE	3.3	2.6	2.1
C.V. (%)	32.6	28.0	30.7

TABLE 29C. PYTHIUM BLIGHT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN
DAWSON E+	7.3	6.3	6.8
BAR SCF 8 FUS3	7.7	5.7	6.7
ASR 049	7.3	6.0	6.7
SEABREEZE	7.0	5.7	6.3
LSD VALUE	2.8	2.0	1.7
C.V. (%)	23.6	20.7	22.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 2001 ONLY.

TABLE 29D. PYTHIUM BLIGHT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN
DGSC 94	8.3	7.3	7.8
SHADEMARK	7.0	8.0	7.5
ASC 082	7.7	7.0	7.3
INVERNESS (PST-47TCR)	8.0	6.7	7.3
ABERDEEN (PST-EFL)	8.7	6.0	7.3
ASC 172	7.7	6.7	7.2
NAVIGATOR (CIS FRR 5)	7.7	6.7	7.2
ROSE (ASC 087)	7.3	6.7	7.0
SALSA	7.7	6.0	6.8
SHADEMASTER II	7.7	6.0	6.8
COMMON CREEPING RED	8.0	5.3	6.7
JASPER II	6.0	7.0	6.5
SR 5210 (SRX 52LAV)	7.0	5.7	6.3
SRX 52961	5.7	7.0	6.3
BOREAL	7.3	5.3	6.3
BARGENA III (BAR CF 8 FUS1)	6.0	6.3	6.2
FLORENTINE	6.3	6.0	6.2
PST-4FR	6.3	6.0	6.2
PATHFINDER	5.7	6.0	5.8
ABT-CR-2	7.0	4.3	5.7
CINDY LOU (CIS FRR 7)	5.0	5.7	5.3
ABT-CR-3	4.7	5.0	4.8
LSD VALUE	3.0	2.2	1.9
C.V. (%)	27.1	22.2	25.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 2001 ONLY.



TABLE 29E. PYTHIUM BLIGHT RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN
ABT-HF-4	9.0	7.0	8.0
PICK FF A-97	8.3	6.7	7.5
CHARIOT (CIS FL 12)	7.7	7.0	7.3
MINOTAUR	8.3	6.3	7.3
OXFORD	9.0	5.7	7.3
RELIANT II	8.3	6.3	7.3
STONEHENGE (AHF 009)	7.7	7.0	7.3
VIKING (ABT-HF1)	7.3	7.3	7.3
DISCOVERY	7.3	7.0	7.2
HARDTOP (BAR HF 8 FUS)	8.0	6.3	7.2
BERKSHIRE (4001)	7.3	6.7	7.0
HERON	8.3	5.7	7.0
NORDIC (E)	7.3	6.7	7.0
SCALDIS	7.0	7.0	7.0
ABT-HF-2	7.0	6.7	6.8
RESCUE 911	7.0	6.7	6.8
EUREKA II (CIS FL 11)	7.3	6.3	6.8
ATTILA E	7.3	6.0	6.7
DEFIANT	8.0	5.3	6.7
PST-4HM	8.0	5.3	6.7
SCALDIS II (AHF 008)	8.0	5.3	6.7
ABT-HF-3	7.0	6.0	6.5
MB-82	6.7	6.3	6.5
OSPREY	7.3	5.7	6.5
BIGHORN	6.3	6.3	6.3
SRX 3961	5.7	6.7	6.2
LSD VALUE	1.8	2.3	1.5
C.V. (%)	15.0	22.5	18.5

TABLE 29F. PYTHIUM BLIGHT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	WI2	MEAN
QUATRO	7.3	7.0	7.2
SR 3200	7.7	6.3	7.0
PST-4MB	7.0	6.7	6.8
SR 6000	5.3	5.0	5.2
LSD VALUE	2.1	1.5	1.3
C.V. (%)	19.4	15.3	17.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 2001 ONLY.

TABLE 30A. PINK SNOW MOLD RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2	NAME	ME2
AMBROSE (ABT-CHW-3)	9.0	SCALDIS	7.0
BANNER III	9.0	SHADOW II	7.0
ABT-CR-3	8.7	SRX 3961	7.0
BRITTANY	8.7	ASC 082	6.7
CULOMBRA	8.7	ASC 172	6.7
MAGIC	8.7	BAR CHF 8 FUS2	6.7
PATHFINDER	8.7	OXFORD	6.7
SILHOUETTE (PICK FRC 4-92)	8.7	RESCUE 911	6.7
SRX 52961	8.7	SANDPIPER	6.7
ABT-CHW-1	8.3	SHADEMASTER II	6.7
ABT-CR-2	8.3	BIGHORN	6.3
AMBASSADOR	8.3	COMMON CREEPING RED	6.3
CINDY LOU (CIS FRR 7)	8.3	SR 3200	6.3
HERON	8.3	SR 5210 (SRX 52LAV)	6.3
INTRIGUE	8.3	WRIGLEY (ACF 092)	6.3
LONGFELLOW II	8.3	ABT-HF-3	6.0
PST-4FR	8.3	ABT-HF-4	6.0
TREASURE (E)	8.3	BAR SCF 8 FUS3	6.0
BARGENA III (BAR CF 8 FUS1)	8.0	BOREAL	6.0
DGSC 94	8.0	CHARIOT (CIS FL 12)	6.0
FLORENTINE	8.0	DEFIANT	6.0
INVERNESS (PST-47TCR)	8.0	NORDIC (E)	6.0
NAVIGATOR (CIS FRR 5)	8.0	OSPREY	6.0
PICK FRC A-93	8.0	PST-4MB	6.0
PST-4HM	8.0	RELIANT II	6.0
TIFFANY	8.0	SCALDIS II (AHF 008)	6.0
BERKSHIRE (4001)	7.7	ASR 049	5.7
BRIDGEPORT	7.7	ATTILA E	5.7
JAMESTOWN II	7.7	DAWSON E+	5.7
JASPER II	7.7	DISCOVERY	5.7
MB-63	7.7	EUREKA II (CIS FL 11)	5.7
ROSE (ASC 087)	7.7	PICK FF A-97	5.7
SR 5100	7.7	QUATRO	5.7
ABT-CHW-2	7.3	SEABREEZE	5.7
ABERDEEN (PST-EFL)	7.0	SHADEMARK	5.3
ABT-HF-2	7.0	STONEHENGE (AHF 009)	5.0
VIKING (ABT-HF1)	7.0	MB-82	4.3
ACF 083	7.0	SR 6000	2.7
HARDTOP (BAR HF 8 FUS)	7.0		
MINOTAUR	7.0	LSD VALUE	2.4
SALSA	7.0	C.V. (%)	20.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PINK SNOW MOLD RATED IN 2000 ONLY.

TABLE 30B. PINK SNOW MOLD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2
AMBROSE (ABT-CHW-3)	9.0
BANNER III	9.0
BRITTANY	8.7
CULOMBRA	8.7
MAGIC	8.7
SILHOUETTE (PICK FRC 4-92)	8.7
ABT-CHW-1	8.3
AMBASSADOR	8.3
INTRIGUE	8.3
LONGFELLOW II	8.3
TREAZURE (E)	8.3
PICK FRC A-93	8.0
TIFFANY	8.0
BRIDGEPORT	7.7
JAMESTOWN II	7.7
MB-63	7.7
SR 5100	7.7
ABT-CHW-2	7.3
ACF 083	7.0
SHADOW II	7.0
BAR CHF 8 FUS2	6.7
SANDPIPER	6.7
WRIGLEY (ACF 092)	6.3
LSD VALUE	1.9
C.V. (%)	15.1

TABLE 30C. PINK SNOW MOLD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2
BAR SCF 8 FUS3	6.0
ASR 049	5.7
DAWSON E+	5.7
SEABREEZE	5.7
LSD VALUE	2.5
C.V. (%)	27.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PINK SNOW MOLD RATED IN 2000 ONLY.

TABLE 30D. PINK SNOW MOLD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2
ABT-CR-3	8.7
PATHFINDER	8.7
SRX 52961	8.7
ABT-CR-2	8.3
CINDY LOU (CIS FRR 7)	8.3
PST-4FR	8.3
BARGENA III (BAR CF 8 FUS1)	8.0
DGSC 94	8.0
FLORENTINE	8.0
INVERNESS (PST-47TCR)	8.0
NAVIGATOR (CIS FRR 5)	8.0
JASPER II	7.7
ROSE (ASC 087)	7.7
ABERDEEN (PST-EFL)	7.0
SALSA	7.0
ASC 082	6.7
ASC 172	6.7
SHADEMASTER II	6.7
COMMON CREEPING RED	6.3
SR 5210 (SRX 52LAV)	6.3
BOREAL	6.0
SHADEMARK	5.3
LSD VALUE	1.7
C.V. (%)	14.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PINK SNOW MOLD RATED IN 2000 ONLY.

TABLE 30E. PINK SNOW MOLD RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2
HERON	8.3
PST-4HM	8.0
BERKSHIRE (4001)	7.7
ABT-HF-2	7.0
VIKING (ABT-HF1)	7.0
HARDTOP (BAR HF 8 FUS)	7.0
MINOTAUR	7.0
SCALDIS	7.0
SRX 3961	7.0
OXFORD	6.7
RESCUE 911	6.7
BIGHORN	6.3
ABT-HF-3	6.0
ABT-HF-4	6.0
CHARIOT (CIS FL 12)	6.0
DEFIANT	6.0
NORDIC (E)	6.0
OSPREY	6.0
RELIANT II	6.0
SCALDIS II (AHF 008)	6.0
ATTILA E	5.7
DISCOVERY	5.7
EUREKA II (CIS FL 11)	5.7
PICK FF A-97	5.7
STONEHENGE (AHF 009)	5.0
MB-82	4.3
LSD VALUE	2.9
C.V. (%)	28.8

TABLE 30F. PINK SNOW MOLD RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME2
SR 3200	6.3
PST-4MB	6.0
QUATRO	5.7
SR 6000	2.7
LSD VALUE	3.1
C.V. (%)	37.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PINK SNOW MOLD RATED IN 2000 ONLY.

TABLE 31A. SEEDHEAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/

NAME	MD1	NAME	MD1
CHARIOT (CIS FL 12)	4.7	ASC 082	1.3
OSPREY	4.7	ASC 172	1.3
EUREKA II (CIS FL 11)	4.0	BANNER III	1.3
OXFORD	3.7	BAR SCF 8 FUS3	1.3
SR 3200	3.7	BOREAL	1.3
ABT-HF-2	3.3	BRIDGEPORT	1.3
ABT-HF-4	3.3	BRITTANY	1.3
BIGHORN	3.3	COMMON CREEPING RED	1.3
NORDIC (E)	3.3	DGSC 94	1.3
RELIANT II	3.3	INTRIGUE	1.3
VIKING (ABT-HF1)	3.0	INVERNESS (PST-47TCR)	1.3
CULOMBRA	3.0	LONGFELLOW II	1.3
DEFIANT	3.0	PATHFINDER	1.3
MB-82	3.0	SILHOUETTE (PICK FRC 4-92)	1.3
PST-4MB	3.0	TREAZURE (E)	1.3
RESCUE 911	3.0	ABT-CHW-1	1.0
ABT-HF-3	2.7	ABT-CR-2	1.0
DISCOVERY	2.7	ABT-CR-3	1.0
PICK FF A-97	2.7	AMBASSADOR	1.0
QUATRO	2.7	ASR 049	1.0
HARDTOP (BAR HF 8 FUS)	2.3	BARGENA III (BAR CF 8 FUS1)	1.0
HERON	2.3	CINDY LOU (CIS FRR 7)	1.0
MAGIC	2.3	DAWSON E+	1.0
MINOTAUR	2.3	FLORENTINE	1.0
PICK FRC A-93	2.3	JAMESTOWN II	1.0
PST-4HM	2.3	JASPER II	1.0
SCALDIS	2.3	NAVIGATOR (CIS FRR 5)	1.0
SCALDIS II (AHF 008)	2.3	PST-4FR	1.0
STONEHENGE (AHF 009)	2.3	ROSE (ASC 087)	1.0
ATTILA E	2.0	SALSA	1.0
BAR CHF 8 FUS2	2.0	SANDPIPER	1.0
SRX 3961	2.0	SHADEMARK	1.0
BERKSHIRE (4001)	1.7	SHADEMASTER II	1.0
MB-63	1.7	SHADOW II	1.0
SEABREEZE	1.7	SR 5210 (SRX 52LAV)	1.0
SR 5100	1.7	SR 6000	1.0
TIFFANY	1.7	SRX 52961	1.0
ABERDEEN (PST-EFL)	1.3	WRIGLEY (ACF 092)	1.0
ABT-CHW-2	1.3		
AMBROSE (ABT-CHW-3)	1.3	LSD VALUE	1.0
ACF 083	1.3	C.V. (%)	34.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SEEDHEAD RATED IN 2001 ONLY.

TABLE 31B. SEEDHEAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/	
NAME	MD1
CULOMBRA	3.0
MAGIC	2.3
PICK FRC A-93	2.3
BAR CHF 8 FUS2	2.0
MB-63	1.7
SR 5100	1.7
TIFFANY	1.7
ABT-CHW-2	1.3
AMBROSE (ABT-CHW-3)	1.3
ACF 083	1.3
BANNER III	1.3
BRIDGEPORT	1.3
BRITTANY	1.3
INTRIGUE	1.3
LONGFELLOW II	1.3
SILHOUETTE (PICK FRC 4-92)	1.3
TREAZURE (E)	1.3
ABT-CHW-1	1.0
AMBASSADOR	1.0
JAMESTOWN II	1.0
SANDPIPER	1.0
SHADOW II	1.0
WRIGLEY (ACF 092)	1.0
LSD VALUE	0.9
C.V. (%)	37.3

TABLE 31C. SEEDHEAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/	
NAME	MD1
SEABREEZE	1.7
BAR SCF 8 FUS3	1.3
ASR 049	1.0
DAWSON E+	1.0
LSD VALUE	0.7
C.V. (%)	32.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SEEDHEAD RATED IN 2001 ONLY.

TABLE 31D. SEEDHEAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/	
NAME	MD1
ABERDEEN (PST-EFL)	1.3
ASC 082	1.3
ASC 172	1.3
BOREAL	1.3
COMMON CREEPING RED	1.3
DGSC 94	1.3
INVERNESS (PST-47TCR)	1.3
PATHFINDER	1.3
ABT-CR-2	1.0
ABT-CR-3	1.0
BARGENA III (BAR CF 8 FUS1)	1.0
CINDY LOU (CIS FRR 7)	1.0
FLORENTINE	1.0
JASPER II	1.0
NAVIGATOR (CIS FRR 5)	1.0
PST-4FR	1.0
ROSE (ASC 087)	1.0
SALSA	1.0
SHADEMARK	1.0
SHADEMASTER II	1.0
SR 5210 (SRX 52LAV)	1.0
SRX 52961	1.0
LSD VALUE	0.6
C.V. (%)	31.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SEEDHEAD RATED IN 2001 ONLY.



TABLE 31E. SEEDHEAD RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/

NAME	MD1
CHARIOT (CIS FL 12)	4.7
OSPREY	4.7
EUREKA II (CIS FL 11)	4.0
OXFORD	3.7
ABT-HF-2	3.3
ABT-HF-4	3.3
BIGHORN	3.3
NORDIC (E)	3.3
RELIANT II	3.3
VIKING (ABT-HF1)	3.0
DEFIANT	3.0
MB-82	3.0
RESCUE 911	3.0
ABT-HF-3	2.7
DISCOVERY	2.7
PICK FF A-97	2.7
HARDTOP (BAR HF 8 FUS)	2.3
HERON	2.3
MINOTAUR	2.3
PST-4HM	2.3
SCALDIS	2.3
SCALDIS II (AHF 008)	2.3
STONEHENGE (AHF 009)	2.3
ATTILA E	2.0
SRX 3961	2.0
BERKSHIRE (4001)	1.7
LSD VALUE	1.4
C.V. (%)	28.9

TABLE 31F. SEEDHEAD RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/

NAME	MD1
SR 3200	3.7
PST-4MB	3.0
QUATRO	2.7
SR 6000	1.0
LSD VALUE	1.7
C.V. (%)	41.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SEEDHEAD RATED IN 2001 ONLY.

TABLE 32A.

PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	CO1	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
COMMON CREEPING RED	38.3	73.3	81.7	56.7	85.0	73.3	81.7	88.0	93.3	75.0	91.7	76.2
SALSA	51.7	89.7	78.3	48.3	83.3	68.3	81.7	83.3	98.3	68.3	72.7	74.9
BOREAL	56.7	83.3	75.0	45.0	75.0	63.3	83.3	88.3	88.3	70.0	85.0	73.9
SANDPIPER	60.0	90.0	75.0	43.3	73.3	63.3	80.0	91.3	93.3	60.0	78.3	73.5
CULOMBRA	73.3	76.7	73.3	53.3	90.0	71.7	76.7	90.0	92.7	51.7	48.3	72.5
JAMESTOWN II	41.7	86.7	76.7	46.7	76.7	71.7	80.0	86.7	85.0	65.0	65.0	71.1
SHADEMASTER II	50.0	63.3	71.7	40.0	85.0	73.3	78.3	80.0	91.7	65.0	76.7	70.5
SEABREEZE	68.3	78.3	68.3	53.3	80.0	60.0	78.3	83.0	83.3	51.7	66.7	70.1
ASR 049	75.0	70.0	70.0	45.0	73.3	31.7	75.0	86.3	88.3	73.3	76.7	69.5
ABERDEEN (PST-EFL)	43.3	73.3	70.0	43.3	86.7	63.3	80.0	88.3	87.7	61.7	61.7	69.0
DAWSON E+	71.7	70.0	58.3	50.0	70.0	53.3	76.7	88.0	92.7	63.3	63.3	68.8
DGSC 94	45.0	76.7	70.0	43.3	78.3	60.0	75.0	83.0	83.3	60.0	80.0	68.6
SR 5210 (SRX 52LAV)	65.0	80.0	73.3	45.0	71.7	50.0	73.3	78.3	93.0	51.7	73.3	68.6
JASPER II	51.7	76.7	58.3	56.7	66.7	61.7	75.0	85.0	82.7	73.3	66.7	68.6
BRIDGEPORT	46.7	70.0	70.0	48.3	71.7	66.7	83.3	78.3	85.0	65.0	68.3	68.5
PATHFINDER	48.3	86.7	76.7	36.7	73.3	43.3	81.7	81.7	91.7	58.3	71.7	68.2
BRITTANY	35.0	76.7	73.3	36.7	84.7	66.7	75.0	86.7	92.7	51.7	68.3	67.9
HERON	78.3	65.0	73.3	33.3	71.7	60.0	70.0	93.0	80.0	55.0	66.7	67.8
SHADEMARK	46.7	71.7	68.3	40.0	83.3	56.7	80.0	85.0	91.0	56.7	60.0	67.2
ABT-CHW-1	66.7	63.3	71.7	40.0	68.3	56.7	75.0	81.7	78.3	66.7	70.0	67.1
ABT-CR-3	61.7	70.0	68.3	33.3	70.0	63.3	78.3	83.0	83.3	60.0	60.0	66.5
LONGFELLOW II	43.3	70.0	76.7	41.7	60.0	63.3	75.0	92.5	83.3	51.7	71.7	66.3
SR 5100	43.3	68.3	75.0	45.0	70.0	60.0	76.7	90.0	78.3	51.7	68.3	66.1
MAGIC	48.3	66.7	65.0	41.7	71.7	63.3	75.0	90.0	86.7	46.7	71.7	66.1
AMBROSE (ABT-CHW-3)	51.7	71.7	66.7	38.3	73.3	53.3	75.0	86.7	83.3	56.7	68.3	65.9
SILHOUETTE (PICK FRC 4-92)	46.7	66.7	73.3	53.3	63.3	55.0	73.3	84.7	83.3	65.0	60.0	65.9
ROSE (ASC 087)	53.3	56.7	63.3	41.7	66.7	53.3	75.0	86.3	90.0	65.0	73.3	65.9
ABT-CR-2	56.7	66.7	70.0	36.7	65.0	61.7	75.0	78.3	85.0	60.0	68.3	65.8
SRX 52961	70.0	76.7	73.3	35.0	58.3	46.7	73.3	80.0	85.0	51.7	68.3	65.3
ACF 083	53.3	75.0	61.7	41.7	58.3	35.0	80.0	83.3	85.0	71.7	70.0	65.0
FLORENTINE	46.7	65.0	68.3	41.7	78.3	56.7	78.3	76.7	81.7	56.7	63.3	64.8
TIFFANY	46.7	65.0	71.7	38.3	78.3	35.0	70.0	81.7	85.0	60.0	80.0	64.7
ATTILA E	65.0	50.0	60.0	46.7	65.0	60.0	61.7	88.0	85.0	63.3	63.3	64.4
BAR CHF 8 FUS2	48.3	63.3	65.0	43.3	61.7	58.3	73.3	83.3	85.0	65.0	56.7	63.9
CINDY LOU (CIS FRR 7)	46.7	66.7	73.3	46.7	51.7	53.3	76.7	84.7	89.3	51.7	61.7	63.8
ABT-CHW-2	70.0	66.7	71.7	41.7	56.7	45.0	70.0	80.0	80.0	43.3	70.0	63.2
SCALDIS II (AHF 008)	56.7	58.3	63.3	36.7	73.3	53.3	58.3	80.0	85.0	61.7	68.3	63.2
TREAZURE (E)	41.7	66.7	71.7	41.7	63.3	35.0	78.3	91.7	71.7	58.3	75.0	63.2
NAVIGATOR (CIS FRR 5)	46.7	71.7	61.7	30.0	53.3	55.0	76.7	81.7	91.3	60.0	65.0	63.0
WRIGLEY (ACF 092)	48.3	71.7	61.7	40.0	65.0	38.3	73.3	83.3	81.7	60.0	63.3	62.4
PICK FRC A-93	46.7	63.3	71.7	35.0	70.0	50.0	78.3	75.0	88.3	56.7	46.7	62.0
SR 6000	38.3	66.7	80.0	26.7	56.7	36.7	73.3	88.3	60.0	68.3	83.3	61.7
INTRIGUE	50.0	66.7	61.7	35.0	65.0	40.0	71.7	83.0	83.3	60.0	61.7	61.6
ABT-HF-3	73.3	68.3	63.3	33.3	55.0	73.3	73.3	78.3	76.7	36.7	41.7	61.2
MB-63	45.0	63.3	70.0	36.7	70.0	63.3	73.3	81.7	85.0	33.3	51.7	61.2

TABLE 32A. (CONT'D)

PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS  
1999-2002 DATA

NAME	C01	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
CHARIOT (CIS FL 12)	51.7	63.3	65.0	38.3	61.7	63.3	60.0	88.0	85.0	38.3	56.7	61.0
HARDTOP (BAR HF 8 FUS)	46.7	61.7	58.3	43.3	66.7	63.3	60.0	78.3	83.3	56.7	51.7	60.9
BARGENA III (BAR CF 8 FUS1)	33.3	56.7	65.0	38.3	66.7	38.3	76.7	84.7	81.7	66.7	61.7	60.9
VIKING (ABT-HF1)	76.7	68.3	63.3	35.0	63.3	58.3	56.7	88.3	91.7	25.0	38.3	60.5
SHADOW II	46.7	66.7	63.3	36.7	61.7	40.0	66.7	83.3	80.0	51.7	68.3	60.5
AMBASSADOR	55.0	56.7	60.0	40.0	60.0	45.0	66.7	86.7	78.3	55.0	60.0	60.3
BIGHORN	81.7	51.7	56.7	40.0	65.0	48.3	60.0	81.7	85.0	55.0	38.3	60.3
BERKSHIRE (4001)	48.3	65.0	56.7	46.7	61.7	53.3	70.0	83.3	86.7	43.3	46.7	60.2
NORDIC (E)	75.0	53.3	61.7	38.3	53.3	70.0	68.3	83.0	83.3	36.7	38.3	60.1
ASC 082	50.0	63.3	58.3	30.0	63.3	50.0	68.3	75.0	88.3	56.7	53.3	59.7
RELIANT II	50.0	56.7	60.0	38.3	56.7	61.7	66.7	83.3	76.7	46.7	51.7	58.9
BAR SCF 8 FUS3	48.3	53.3	51.7	40.0	55.0	46.7	71.7	75.0	83.3	55.0	66.7	58.8
ABT-HF-2	70.0	63.3	61.7	33.3	40.0	68.3	68.3	81.3	86.7	41.7	31.7	58.8
STONEHENGE (AHF 009)	56.7	56.7	61.7	36.7	55.0	40.0	65.0	88.3	83.3	48.3	51.7	58.5
ABT-HF-4	48.3	63.3	60.0	45.0	56.7	50.0	73.3	81.7	75.0	43.3	45.0	58.3
QUATRO	56.7	60.0	60.0	35.0	51.7	46.7	66.7	83.3	80.0	51.7	46.7	58.0
SRX 3961	61.7	65.0	60.0	31.7	68.3	56.7	56.7	78.3	81.7	30.0	46.7	57.9
OXFORD	50.0	66.7	61.7	28.3	58.3	60.0	68.3	88.3	75.0	38.3	40.0	57.7
INVERNESS (PST-47TCR)	28.3	55.0	66.7	36.7	53.3	56.7	71.7	75.0	85.0	56.7	50.0	57.7
DISCOVERY	51.7	60.0	60.0	28.3	56.7	56.7	56.7	81.3	80.0	41.7	58.3	57.4
PICK FF A-97	53.3	70.0	73.3	25.0	53.3	51.7	68.3	80.0	80.0	40.0	35.0	57.3
EUREKA II (CIS FL 11)	48.3	51.7	66.7	31.7	58.3	56.7	63.3	76.7	66.7	35.0	65.0	56.4
SR 3200	53.3	53.3	60.0	30.0	53.3	60.0	65.0	81.7	81.7	25.0	50.0	55.8
MINOTAUR	53.3	55.0	60.0	30.0	71.7	46.7	65.0	76.3	76.7	30.0	46.7	55.6
RESCUE 911	56.7	60.0	56.7	28.3	43.3	65.0	70.0	81.7	83.3	18.3	35.0	54.4
DEFIANT	48.3	70.0	65.0	21.7	71.7	48.3	56.7	70.0	83.3	25.0	31.7	53.8
PST-4HM	75.0	50.0	65.0	28.3	30.0	43.3	68.3	80.0	73.3	38.3	38.3	53.6
PST-4FR	31.7	60.0	61.7	36.7	40.0	26.7	71.7	81.7	78.3	53.3	46.7	53.5
SCALDIS	55.0	51.7	60.0	25.0	58.3	30.0	63.3	88.0	73.3	40.0	36.7	52.8
BANNER III	56.7	63.3	60.0	31.7	20.0	18.3	68.3	81.7	81.7	35.0	55.0	52.0
PST-4MB	76.7	48.3	51.7	33.3	36.7	38.3	50.0	71.7	65.0	46.7	35.0	50.3
OSPREY	48.3	50.0	51.7	28.3	40.0	35.0	65.0	81.3	66.7	35.0	28.3	48.2
ASC 172	48.3	40.0	45.0	30.0	40.0	13.3	63.3	70.0	60.0	40.0	56.7	46.1
MB-82	58.3	36.7	53.3	33.3	23.3	15.0	46.7	71.7	66.7	35.0	16.7	41.5
LSD VALUE	7.1	16.2	14.2	16.1	28.9	15.3	14.6	22.0	12.8	19.2	32.2	5.8
C.V. (%)	8.1	15.4	13.4	25.9	28.4	25.5	12.8	16.5	9.6	23.0	34.2	20.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 32B.

PERCENT ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	CO1	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
SANDPIPER	60.0	90.0	75.0	43.3	73.3	63.3	80.0	91.3	93.3	60.0	78.3	73.5
CULOMBRA	73.3	76.7	73.3	53.3	90.0	71.7	76.7	90.0	92.7	51.7	48.3	72.5
JAMESTOWN II	41.7	86.7	76.7	46.7	76.7	71.7	80.0	86.7	85.0	65.0	65.0	71.1
BRIDGEPORT	46.7	70.0	70.0	48.3	71.7	66.7	83.3	78.3	85.0	65.0	68.3	68.5
BRITTANY	35.0	76.7	73.3	36.7	84.7	66.7	75.0	86.7	92.7	51.7	68.3	67.9
ABT-CHW-1	66.7	63.3	71.7	40.0	68.3	56.7	75.0	81.7	78.3	66.7	70.0	67.1
LONGFELLOW II	43.3	70.0	76.7	41.7	60.0	63.3	75.0	92.5	83.3	51.7	71.7	66.3
SR 5100	43.3	68.3	75.0	45.0	70.0	60.0	76.7	90.0	78.3	51.7	68.3	66.1
MAGIC	48.3	66.7	65.0	41.7	71.7	63.3	75.0	90.0	86.7	46.7	71.7	66.1
AMBROSE (ABT-CHW-3)	51.7	71.7	66.7	38.3	73.3	53.3	75.0	86.7	83.3	56.7	68.3	65.9
SILHOUETTE (PICK FRC 4-92)	46.7	66.7	73.3	53.3	63.3	55.0	73.3	84.7	83.3	65.0	60.0	65.9
ACF 083	53.3	75.0	61.7	41.7	58.3	35.0	80.0	83.3	85.0	71.7	70.0	65.0
TIFFANY	46.7	65.0	71.7	38.3	78.3	35.0	70.0	81.7	85.0	60.0	80.0	64.7
BAR CHF 8 FUS2	48.3	63.3	65.0	43.3	61.7	58.3	73.3	83.3	85.0	65.0	56.7	63.9
ABT-CHW-2	70.0	66.7	71.7	41.7	56.7	45.0	70.0	80.0	80.0	43.3	70.0	63.2
TREAZURE (E)	41.7	66.7	71.7	41.7	63.3	35.0	78.3	91.7	71.7	58.3	75.0	63.2
WRIGLEY (ACF 092)	48.3	71.7	61.7	40.0	65.0	38.3	73.3	83.3	81.7	60.0	63.3	62.4
PICK FRC A-93	46.7	63.3	71.7	35.0	70.0	50.0	78.3	75.0	88.3	56.7	46.7	62.0
INTRIGUE	50.0	66.7	61.7	35.0	65.0	40.0	71.7	83.0	83.3	60.0	61.7	61.6
MB-63	45.0	63.3	70.0	36.7	70.0	63.3	73.3	81.7	85.0	33.3	51.7	61.2
SHADOW II	46.7	66.7	63.3	36.7	61.7	40.0	66.7	83.3	80.0	51.7	68.3	60.5
AMBASSADOR	55.0	56.7	60.0	40.0	60.0	45.0	66.7	86.7	78.3	55.0	60.0	60.3
PST-4HM	75.0	50.0	65.0	28.3	30.0	43.3	68.3	80.0	73.3	38.3	38.3	53.6
BANNER III	56.7	63.3	60.0	31.7	20.0	18.3	68.3	81.7	81.7	35.0	55.0	52.0
LSD VALUE	6.5	17.5	15.2	17.9	27.7	16.0	9.1	18.2	10.4	18.3	29.8	5.6
C.V. (%)	7.8	15.9	13.8	27.3	26.4	27.0	7.6	13.2	7.8	20.6	29.0	18.6

TABLE 32C.

PERCENT ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	CO1	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
SEABREEZE	68.3	78.3	68.3	53.3	80.0	60.0	78.3	83.0	83.3	51.7	66.7	70.1
ASR 049	75.0	70.0	70.0	45.0	73.3	31.7	75.0	86.3	88.3	73.3	76.7	69.5
DAWSON E+	71.7	70.0	58.3	50.0	70.0	53.3	76.7	88.0	92.7	63.3	63.3	68.8
BAR SCF 8 FUS3	48.3	53.3	51.7	40.0	55.0	46.7	71.7	75.0	83.3	55.0	66.7	58.8
LSD VALUE	9.9	15.4	15.6	12.3	25.2	14.4	7.0	24.3	10.5	18.0	18.6	5.0
C.V. (%)	9.3	14.1	15.6	16.2	22.5	26.4	5.7	18.1	7.5	18.4	16.9	16.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 32D.

PERCENT ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	C01	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
COMMON CREEPING RED	38.3	73.3	81.7	56.7	85.0	73.3	81.7	88.0	93.3	75.0	91.7	76.2
SALSA	51.7	89.7	78.3	48.3	83.3	68.3	81.7	83.3	98.3	68.3	72.7	74.9
BOREAL	56.7	83.3	75.0	45.0	75.0	63.3	83.3	88.3	88.3	70.0	85.0	73.9
SHADEMASTER II	50.0	63.3	71.7	40.0	85.0	73.3	78.3	80.0	91.7	65.0	76.7	70.5
ABERDEEN (PST-EFL)	43.3	73.3	70.0	43.3	86.7	63.3	80.0	88.3	87.7	61.7	61.7	69.0
DGSC 94	45.0	76.7	70.0	43.3	78.3	60.0	75.0	83.0	83.3	60.0	80.0	68.6
SR 5210 (SRX 52LAV)	65.0	80.0	73.3	45.0	71.7	50.0	73.3	78.3	93.0	51.7	73.3	68.6
JASPER II	51.7	76.7	58.3	56.7	66.7	61.7	75.0	85.0	82.7	73.3	66.7	68.6
PATHFINDER	48.3	86.7	76.7	36.7	73.3	43.3	81.7	81.7	91.7	58.3	71.7	68.2
SHADEMARK	46.7	71.7	68.3	40.0	83.3	56.7	80.0	85.0	91.0	56.7	60.0	67.2
ABT-CR-3	61.7	70.0	68.3	33.3	70.0	63.3	78.3	83.0	83.3	60.0	60.0	66.5
ROSE (ASC 087)	53.3	56.7	63.3	41.7	66.7	53.3	75.0	86.3	90.0	65.0	73.3	65.9
ABT-CR-2	56.7	66.7	70.0	36.7	65.0	61.7	75.0	78.3	85.0	60.0	68.3	65.8
SRX 52961	70.0	76.7	73.3	35.0	58.3	46.7	73.3	80.0	85.0	51.7	68.3	65.3
FLORENTINE	46.7	65.0	68.3	41.7	78.3	56.7	78.3	76.7	81.7	56.7	63.3	64.8
CINDY LOU (CIS FRR 7)	46.7	66.7	73.3	46.7	51.7	53.3	76.7	84.7	89.3	51.7	61.7	63.8
NAVIGATOR (CIS FRR 5)	46.7	71.7	61.7	30.0	53.3	55.0	76.7	81.7	91.3	60.0	65.0	63.0
BARGENA III (BAR CF 8 FUS1)	33.3	56.7	65.0	38.3	66.7	38.3	76.7	84.7	81.7	66.7	61.7	60.9
ASC 082	50.0	63.3	58.3	30.0	63.3	50.0	68.3	75.0	88.3	56.7	53.3	59.7
INVERNESS (PST-47TCR)	28.3	55.0	66.7	36.7	53.3	56.7	71.7	75.0	85.0	56.7	50.0	57.7
PST-4FR	31.7	60.0	61.7	36.7	40.0	26.7	71.7	81.7	78.3	53.3	46.7	53.5
ASC 172	48.3	40.0	45.0	30.0	40.0	13.3	63.3	70.0	60.0	40.0	56.7	46.1
LSD VALUE	8.3	15.3	15.5	13.6	21.8	13.1	9.6	23.2	12.2	17.1	27.3	5.1
C.V. (%)	10.7	13.7	14.1	20.8	19.9	21.4	7.8	17.6	8.8	17.7	25.5	16.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 32E.

PERCENT ESTABLISHMENT RATINGS OF HARD FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	C01	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
HERON	78.3	65.0	73.3	33.3	71.7	60.0	70.0	93.0	80.0	55.0	66.7	67.8
ATTILA E	65.0	50.0	60.0	46.7	65.0	60.0	61.7	88.0	85.0	63.3	63.3	64.4
SCALDIS II (AHF 008)	56.7	58.3	63.3	36.7	73.3	53.3	58.3	80.0	85.0	61.7	68.3	63.2
ABT-HF-3	73.3	68.3	63.3	33.3	55.0	73.3	73.3	78.3	76.7	36.7	41.7	61.2
CHARIOT (CIS FL 12)	51.7	63.3	65.0	38.3	61.7	63.3	60.0	88.0	85.0	38.3	56.7	61.0
HARDTOP (BAR HF 8 FUS)	46.7	61.7	58.3	43.3	66.7	63.3	60.0	78.3	83.3	56.7	51.7	60.9
VIKING (ABT-HF1)	76.7	68.3	63.3	35.0	63.3	58.3	56.7	88.3	91.7	25.0	38.3	60.5
BIGHORN	81.7	51.7	56.7	40.0	65.0	48.3	60.0	81.7	85.0	55.0	38.3	60.3
BERKSHIRE (4001)	48.3	65.0	56.7	46.7	61.7	53.3	70.0	83.3	86.7	43.3	46.7	60.2
NORDIC (E)	75.0	53.3	61.7	38.3	53.3	70.0	68.3	83.0	83.3	36.7	38.3	60.1
RELIANT II	50.0	56.7	60.0	38.3	56.7	61.7	66.7	83.3	76.7	46.7	51.7	58.9
ABT-HF-2	70.0	63.3	61.7	33.3	40.0	68.3	68.3	81.3	86.7	41.7	31.7	58.8
STONEHENGE (AHF 009)	56.7	56.7	61.7	36.7	55.0	40.0	65.0	88.3	83.3	48.3	51.7	58.5
ABT-HF-4	48.3	63.3	60.0	45.0	56.7	50.0	73.3	81.7	75.0	43.3	45.0	58.3
SRX 3961	61.7	65.0	60.0	31.7	68.3	56.7	56.7	78.3	81.7	30.0	46.7	57.9
OXFORD	50.0	66.7	61.7	28.3	58.3	60.0	68.3	88.3	75.0	38.3	40.0	57.7
DISCOVERY	51.7	60.0	60.0	28.3	56.7	56.7	56.7	81.3	80.0	41.7	58.3	57.4
PICK FF A-97	53.3	70.0	73.3	25.0	53.3	51.7	68.3	80.0	80.0	40.0	35.0	57.3
EUREKA II (CIS FL 11)	48.3	51.7	66.7	31.7	58.3	56.7	63.3	76.7	66.7	35.0	65.0	56.4
RESCUE 911	56.7	60.0	56.7	28.3	43.3	65.0	70.0	81.7	83.3	18.3	35.0	54.4
DEFIANT	48.3	70.0	65.0	21.7	71.7	48.3	56.7	70.0	83.3	25.0	31.7	53.8
SCALDIS	55.0	51.7	60.0	25.0	58.3	30.0	63.3	88.0	73.3	40.0	36.7	52.8
OSPREY	48.3	50.0	51.7	28.3	40.0	35.0	65.0	81.3	66.7	35.0	28.3	48.2
MB-82	58.3	36.7	53.3	33.3	23.3	15.0	46.7	71.7	66.7	35.0	16.7	41.5
LSD VALUE	6.1	16.0	12.3	16.6	33.9	16.5	21.8	22.9	14.7	22.4	40.4	6.6
C.V. (%)	6.5	16.7	12.5	30.0	36.7	26.9	21.3	17.3	11.4	33.7	55.6	24.6

TABLE 32F.

PERCENT ESTABLISHMENT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/ 2/  
1999-2002 DATA

NAME	C01	IA1	IL1	MA1	ME1	ME2	NC1	NS1	VA1	WI1	WI2	MEAN
SR 6000	38.3	66.7	80.0	26.7	56.7	36.7	73.3	88.3	60.0	68.3	83.3	61.7
QUATRO	56.7	60.0	60.0	35.0	51.7	46.7	66.7	83.3	80.0	51.7	46.7	58.0
SR 3200	53.3	53.3	60.0	30.0	53.3	60.0	65.0	81.7	81.7	25.0	50.0	55.8
MINOTAUR	53.3	55.0	60.0	30.0	71.7	46.7	65.0	76.3	76.7	30.0	46.7	55.6
PST-4MB	76.7	48.3	51.7	33.3	36.7	38.3	50.0	71.7	65.0	46.7	35.0	50.3
LSD VALUE	4.6	14.4	9.7	16.7	37.1	15.0	16.0	26.4	16.7	16.9	27.2	6.0
C.V. (%)	5.2	15.8	9.7	33.6	42.8	28.8	15.5	20.4	14.3	23.7	32.3	22.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 33A. ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 AT MEAD, NE  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SRX 3961	6.0	8.3	9.0	7.8
ABT-HF-2	6.0	8.3	8.3	7.6
COMMON CREEPING RED	6.3	8.0	8.3	7.6
VIKING (ABT-HF1)	6.0	8.0	8.3	7.4
ATTILA E	5.0	8.3	9.0	7.4
DGSC 94	6.0	7.7	8.7	7.4
SR 5100	5.3	8.0	9.0	7.4
EUREKA II (CIS FL 11)	5.7	8.0	8.3	7.3
CINDY LOU (CIS FRR 7)	6.3	7.3	8.3	7.3
PATHFINDER	5.7	8.0	8.3	7.3
SALSA	6.0	8.0	8.0	7.3
ABT-CR-3	5.3	8.0	8.3	7.2
STONEHENGE (AHF 009)	5.7	8.0	8.0	7.2
ROSE (ASC 087)	5.3	7.7	8.7	7.2
BOREAL	6.0	7.7	8.0	7.2
BRIDGEPORT	5.7	7.7	8.3	7.2
CULOMBRA	6.7	8.0	7.0	7.2
FLORENTINE	5.7	8.3	7.7	7.2
JASPER II	6.0	8.3	7.3	7.2
SHADEMARK	5.7	8.0	8.0	7.2
SR 3200	5.7	7.7	8.3	7.2
BARGENA III (BAR CF 8 FUS1)	5.7	7.7	8.0	7.1
BAR SCF 8 FUS3	5.0	7.7	8.7	7.1
JAMESTOWN II	5.0	8.0	8.3	7.1
ABT-HF-3	5.0	8.0	8.0	7.0
BRITTANY	5.3	7.7	8.0	7.0
HERON	5.3	7.3	8.3	7.0
NAVIGATOR (CIS FRR 5)	5.7	7.3	8.0	7.0
MB-63	5.7	7.7	7.7	7.0
NORDIC (E)	5.0	7.3	8.7	7.0
INVERNESS (PST-47TCR)	5.0	8.0	8.0	7.0
ABERDEEN (PST-EFL)	5.3	8.0	7.7	7.0
SRX 52961	5.0	7.7	8.3	7.0
BAR CHF 8 FUS2	4.7	8.0	8.0	6.9
CHARIOT (CIS FL 12)	5.3	7.3	8.0	6.9
MAGIC	4.7	7.7	8.3	6.9
PST-4FR	5.0	7.0	8.7	6.9
SANDPIPER	6.3	7.7	6.7	6.9
TREASURE (E)	5.0	7.7	8.0	6.9
WRIGLEY (ACF 092)	4.0	8.0	8.3	6.8
INTRIGUE	4.7	7.7	8.0	6.8
RESCUE 911	6.0	6.7	7.7	6.8
ABT-CR-2	4.0	7.7	8.3	6.7
ABT-HF-4	4.7	7.0	8.3	6.7
ASC 082	5.7	7.7	6.7	6.7

TABLE 33A. ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS  
 (CONT'D) AT MEAD, NE  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
ASR 049	4.0	7.3	8.7	6.7
HARDTOP (BAR HF 8 FUS)	4.7	7.7	7.7	6.7
OXFORD	5.0	7.3	7.7	6.7
PICK FF A-97	4.7	7.3	8.0	6.7
SEABREEZE	3.7	7.7	8.7	6.7
SHADEMASTER II	4.7	7.3	8.0	6.7
SR 5210 (SRX 52LAV)	4.7	7.3	8.0	6.7
TIFFANY	5.3	7.7	7.0	6.7
ABT-CHW-2	4.3	7.3	8.0	6.6
AMBROSE (ABT-CHW-3)	4.3	7.7	7.7	6.6
SCALDIS II (AHF 008)	4.3	7.3	8.0	6.6
SR 6000	5.7	6.7	7.3	6.6
LONGFELLOW II	5.7	7.0	6.7	6.4
SILHOUETTE (PICK FRC 4-92)	5.7	6.7	7.0	6.4
RELIANT II	4.0	7.3	8.0	6.4
BERKSHIRE (4001)	5.3	6.0	7.7	6.3
ACF 083	4.3	7.3	7.3	6.3
ASC 172	4.7	6.7	7.7	6.3
DAWSON E+	3.3	7.3	8.3	6.3
MINOTAUR	4.0	7.3	7.7	6.3
OSPREY	3.3	7.3	8.3	6.3
PICK FRC A-93	4.3	6.3	8.3	6.3
AMBASSADOR	4.7	6.7	7.3	6.2
BANNER III	4.0	7.3	7.3	6.2
DISCOVERY	4.3	6.7	7.7	6.2
QUATRO	4.3	6.7	7.3	6.1
SHADOW II	4.7	6.3	7.3	6.1
DEFIANT	4.7	6.0	7.3	6.0
SCALDIS	4.3	6.3	7.3	6.0
ABT-CHW-1	4.7	6.3	6.7	5.9
PST-4MB	3.3	6.3	7.7	5.8
BIGHORN	2.7	6.0	7.0	5.2
MB-82	2.3	6.0	7.3	5.2
PST-4HM	4.3	4.3	6.7	5.1
LSD VALUE	2.1	2.4	2.8	1.6
C.V. (%)	20.6	13.3	11.4	10.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 33B. ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
 AT MEAD, NE 2/  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SR 5100	5.3	8.0	9.0	7.4
BRIDGEPORT	5.7	7.7	8.3	7.2
CULOMBRA	6.7	8.0	7.0	7.2
JAMESTOWN II	5.0	8.0	8.3	7.1
BRITTANY	5.3	7.7	8.0	7.0
MB-63	5.7	7.7	7.7	7.0
BAR CHF 8 FUS2	4.7	8.0	8.0	6.9
MAGIC	4.7	7.7	8.3	6.9
SANDPIPER	6.3	7.7	6.7	6.9
TREAZURE (E)	5.0	7.7	8.0	6.9
WRIGLEY (ACF 092)	4.0	8.0	8.3	6.8
INTRIGUE	4.7	7.7	8.0	6.8
TIFFANY	5.3	7.7	7.0	6.7
ABT-CHW-2	4.3	7.3	8.0	6.6
AMBROSE (ABT-CHW-3)	4.3	7.7	7.7	6.6
LONGFELLOW II	5.7	7.0	6.7	6.4
SILHOUETTE (PICK FRC 4-92)	5.7	6.7	7.0	6.4
ACF 083	4.3	7.3	7.3	6.3
PICK FRC A-93	4.3	6.3	8.3	6.3
AMBASSADOR	4.7	6.7	7.3	6.2
BANNER III	4.0	7.3	7.3	6.2
SHADOW II	4.7	6.3	7.3	6.1
ABT-CHW-1	4.7	6.3	6.7	5.9
PST-4HM	4.3	4.3	6.7	5.1
LSD VALUE	2.2	1.4	2.6	1.3
C.V. (%)	18.7	10.7	12.9	9.4

TABLE 33C. ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
 AT MEAD, NE 1/  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
BAR SCF 8 FUS3	5.0	7.7	8.7	7.1
ASR 049	4.0	7.3	8.7	6.7
SEABREEZE	3.7	7.7	8.7	6.7
DAWSON E+	3.3	7.3	8.3	6.3
LSD VALUE	-	-	-	-
C.V. (%)	43.1	16.0	10.1	16.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 33D. ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 AT MEAD, NE 2/  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
COMMON CREEPING RED	6.3	8.0	8.3	7.6
DGSC 94	6.0	7.7	8.7	7.4
CINDY LOU (CIS FRR 7)	6.3	7.3	8.3	7.3
PATHFINDER	5.7	8.0	8.3	7.3
SALSA	6.0	8.0	8.0	7.3
ABT-CR-3	5.3	8.0	8.3	7.2
ROSE (ASC 087)	5.3	7.7	8.7	7.2
BOREAL	6.0	7.7	8.0	7.2
FLORENTINE	5.7	8.3	7.7	7.2
JASPER II	6.0	8.3	7.3	7.2
SHADEMARK	5.7	8.0	8.0	7.2
BARGENA III (BAR CF 8 FUS1)	5.7	7.7	8.0	7.1
NAVIGATOR (CIS FRR 5)	5.7	7.3	8.0	7.0
INVERNESS (PST-47TCR)	5.0	8.0	8.0	7.0
ABERDEEN (PST-EFL)	5.3	8.0	7.7	7.0
SRX 52961	5.0	7.7	8.3	7.0
PST-4FR	5.0	7.0	8.7	6.9
ABT-CR-2	4.0	7.7	8.3	6.7
ASC 082	5.7	7.7	6.7	6.7
SHADEMASTER II	4.7	7.3	8.0	6.7
SR 5210 (SRX 52LAV)	4.7	7.3	8.0	6.7
ASC 172	4.7	6.7	7.7	6.3
LSD VALUE	3.0	1.7	2.0	1.4
C.V. (%)	18.5	8.2	8.9	7.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 33E. ESTABLISHMENT RATINGS OF HARD FESCUE CULTIVARS 1/  
 AT MEAD, NE 2/  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SRX 3961	6.0	8.3	9.0	7.8
ABT-HF-2	6.0	8.3	8.3	7.6
VIKING (ABT-HF1)	6.0	8.0	8.3	7.4
ATTILA E	5.0	8.3	9.0	7.4
EUREKA II (CIS FL 11)	5.7	8.0	8.3	7.3
STONEHENGE (AHF 009)	5.7	8.0	8.0	7.2
ABT-HF-3	5.0	8.0	8.0	7.0
HERON	5.3	7.3	8.3	7.0
NORDIC (E)	5.0	7.3	8.7	7.0
CHARIOT (CIS FL 12)	5.3	7.3	8.0	6.9
RESCUE 911	6.0	6.7	7.7	6.8
ABT-HF-4	4.7	7.0	8.3	6.7
HARDTOP (BAR HF 8 FUS)	4.7	7.7	7.7	6.7
OXFORD	5.0	7.3	7.7	6.7
PICK FF A-97	4.7	7.3	8.0	6.7
SCALDIS II (AHF 008)	4.3	7.3	8.0	6.6
RELIANT II	4.0	7.3	8.0	6.4
BERKSHIRE (4001)	5.3	6.0	7.7	6.3
OSPREY	3.3	7.3	8.3	6.3
DISCOVERY	4.3	6.7	7.7	6.2
DEFIANT	4.7	6.0	7.3	6.0
SCALDIS	4.3	6.3	7.3	6.0
BIGHORN	2.7	6.0	7.0	5.2
MB-82	2.3	6.0	7.3	5.2
LSD VALUE	1.9	3.3	2.6	1.7
C.V. (%)	21.0	16.5	10.6	12.0

TABLE 33F. ESTABLISHMENT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
 AT MEAD, NE 2/  
 1998 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SR 3200	5.7	7.7	8.3	7.2
SR 6000	5.7	6.7	7.3	6.6
MINOTAUR	4.0	7.3	7.7	6.3
QUATRO	4.3	6.7	7.3	6.1
PST-4MB	3.3	6.3	7.7	5.8
LSD VALUE	1.9	-	-	-
C.V. (%)	19.8	15.1	11.7	12.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 34A. ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
SEABREEZE	4.0	7.7	5.8
VIKING (ABT-HF1)	3.3	8.0	5.7
BOREAL	4.3	7.0	5.7
ATTILA E	3.3	7.7	5.5
BRITTANY	3.3	7.7	5.5
DISCOVERY	3.7	7.3	5.5
JAMESTOWN II	4.0	7.0	5.5
SCALDIS	3.0	8.0	5.5
BAR SCF 8 FUS3	3.3	7.3	5.3
DAWSON E+	4.0	6.7	5.3
DEFIANT	3.3	7.3	5.3
INTRIGUE	3.3	7.3	5.3
JASPER II	3.7	7.0	5.3
NORDIC (E)	3.0	7.7	5.3
OXFORD	3.3	7.3	5.3
SALSA	4.3	6.3	5.3
SANDPIPER	3.7	7.0	5.3
SHADEMASTER II	3.7	7.0	5.3
AMBROSE (ABT-CHW-3)	3.7	6.7	5.2
ABT-HF-2	3.3	7.0	5.2
ASR 049	4.0	6.3	5.2
BANNER III	2.7	7.7	5.2
HARDTOP (BAR HF 8 FUS)	3.0	7.3	5.2
BIGHORN	3.3	7.0	5.2
BRIDGEPORT	3.7	6.7	5.2
CULOMBRA	3.7	6.7	5.2
LONGFELLOW II	3.7	6.7	5.2
MB-63	3.3	7.0	5.2
PATHFINDER	3.7	6.7	5.2
RELIANT II	3.7	6.7	5.2
SCALDIS II (AHF 008)	3.0	7.3	5.2
TREAZURE (E)	3.0	7.3	5.2
WRIGLEY (ACF 092)	3.3	6.7	5.0
COMMON CREEPING RED	4.3	5.7	5.0
HERON	3.0	7.0	5.0
CHARIOT (CIS FL 12)	3.0	7.0	5.0
CINDY LOU (CIS FRR 7)	3.0	7.0	5.0
MAGIC	3.0	7.0	5.0
PICK FF A-97	3.0	7.0	5.0
ABERDEEN (PST-EFL)	3.3	6.7	5.0
SR 3200	3.0	7.0	5.0
SR 6000	3.7	6.3	5.0
BERKSHIRE (4001)	3.0	6.7	4.8
ABT-CHW-2	3.0	6.7	4.8
ACF 083	3.0	6.7	4.8

TABLE 34A. ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS  
 (CONT'D) AT LOGAN, UT  
 1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
BAR CHF 8 FUS2	3.3	6.3	4.8
NAVIGATOR (CIS FRR 5)	3.0	6.7	4.8
OSPREY	2.3	7.3	4.8
PICK FRC A-93	3.0	6.7	4.8
RESCUE 911	3.0	6.7	4.8
SHADEMARK	3.7	6.0	4.8
SRX 52961	3.0	6.7	4.8
TIFFANY	3.0	6.7	4.8
STONEHENGE (AHF 009)	2.7	6.7	4.7
ASC 082	3.0	6.3	4.7
ROSE (ASC 087)	3.0	6.3	4.7
FLORENTINE	3.7	5.7	4.7
EUREKA II (CIS FL 11)	3.0	6.3	4.7
MINOTAUR	3.0	6.3	4.7
INVERNESS (PST-47TCR)	3.3	6.0	4.7
SRX 3961	2.7	6.7	4.7
SR 5210 (SRX 52LAV)	3.3	6.0	4.7
ABT-CHW-1	2.7	6.3	4.5
ABT-HF-3	3.3	5.7	4.5
ABT-HF-4	2.7	6.3	4.5
BARGENA III (BAR CF 8 FUS1)	3.0	6.0	4.5
SILHOUETTE (PICK FRC 4-92)	2.7	6.3	4.5
PST-4MB	2.7	6.3	4.5
QUATRO	2.7	6.3	4.5
SR 5100	3.0	6.0	4.5
ABT-CR-3	3.0	5.7	4.3
AMBASSADOR	3.0	5.7	4.3
DGSC 94	3.3	5.3	4.3
SHADOW II	2.7	6.0	4.3
ABT-CR-2	3.0	5.3	4.2
PST-4HM	2.3	6.0	4.2
ASC 172	2.3	5.7	4.0
PST-4FR	3.0	4.7	3.8
MB-82	1.3	5.3	3.3
LSD VALUE	1.3	2.1	1.7
C.V. (%)	19.5	13.4	13.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 34B. ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
BRITTANY	3.3	7.7	5.5
JAMESTOWN II	4.0	7.0	5.5
INTRIGUE	3.3	7.3	5.3
SANDPIPER	3.7	7.0	5.3
AMBROSE (ABT-CHW-3)	3.7	6.7	5.2
BANNER III	2.7	7.7	5.2
BRIDGEPORT	3.7	6.7	5.2
CULOMBRA	3.7	6.7	5.2
LONGFELLOW II	3.7	6.7	5.2
MB-63	3.3	7.0	5.2
TREAZURE (E)	3.0	7.3	5.2
WRIGLEY (ACF 092)	3.3	6.7	5.0
MAGIC	3.0	7.0	5.0
ABT-CHW-2	3.0	6.7	4.8
ACF 083	3.0	6.7	4.8
BAR CHF 8 FUS2	3.3	6.3	4.8
PICK FRC A-93	3.0	6.7	4.8
TIFFANY	3.0	6.7	4.8
ABT-CHW-1	2.7	6.3	4.5
PICK FRC 4-92	2.7	6.3	4.5
SR 5100	3.0	6.0	4.5
AMBASSADOR	3.0	5.7	4.3
SHADOW II	2.7	6.0	4.3
PST-4HM	2.3	6.0	4.2
LSD VALUE	1.9	3.6	2.6
C.V. (%)	21.0	15.2	15.3

TABLE 34C. ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
SEABREEZE	4.0	7.7	5.8
BAR SCF 8 FUS3	3.3	7.3	5.3
DAWSON E+	4.0	6.7	5.3
ASR 049	4.0	6.3	5.2
LSD VALUE	-	-	-
C.V. (%)	16.8	10.4	11.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 34D. ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
BOREAL	4.3	7.0	5.7
JASPER II	3.7	7.0	5.3
SALSA	4.3	6.3	5.3
SHADEMASTER II	3.7	7.0	5.3
PATHFINDER	3.7	6.7	5.2
COMMON CREEPING RED	4.3	5.7	5.0
CINDY LOU (CIS FRR 7)	3.0	7.0	5.0
ABERDEEN (PST-EFL)	3.3	6.7	5.0
NAVIGATOR (CIS FRR 5)	3.0	6.7	4.8
SHADEMARK	3.7	6.0	4.8
SRX 52961	3.0	6.7	4.8
ASC 082	3.0	6.3	4.7
ROSE (ASC 087)	3.0	6.3	4.7
FLORENTINE	3.7	5.7	4.7
INVERNESS (PST-47TCR)	3.3	6.0	4.7
SR 5210 (SRX 52LAV)	3.3	6.0	4.7
BARGENA III (BAR CF 8 FUS1)	3.0	6.0	4.5
ABT-CR-3	3.0	5.7	4.3
DGSC 94	3.3	5.3	4.3
ABT-CR-2	3.0	5.3	4.2
ASC 172	2.3	5.7	4.0
PST-4FR	3.0	4.7	3.8
LSD VALUE	1.2	1.3	1.0
C.V. (%)	17.4	10.9	10.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 34E. ESTABLISHMENT RATINGS OF HARD FESCUE CULTIVARS 1/  
AT LOGAN, UT 2/  
1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
VIKING (ABT-HF1)	3.3	8.0	5.7
ATTILA E	3.3	7.7	5.5
DISCOVERY	3.7	7.3	5.5
SCALDIS	3.0	8.0	5.5
DEFIANT	3.3	7.3	5.3
NORDIC (E)	3.0	7.7	5.3
OXFORD	3.3	7.3	5.3
ABT-HF-2	3.3	7.0	5.2
HARDTOP (BAR HF 8 FUS)	3.0	7.3	5.2
BIGHORN	3.3	7.0	5.2
RELIANT II	3.7	6.7	5.2
SCALDIS II (AHF 008)	3.0	7.3	5.2
HERON	3.0	7.0	5.0
CHARIOT (CIS FL 12)	3.0	7.0	5.0
PICK FF A-97	3.0	7.0	5.0
BERKSHIRE (4001)	3.0	6.7	4.8
OSPREY	2.3	7.3	4.8
RESCUE 911	3.0	6.7	4.8
STONEHENGE (AHF 009)	2.7	6.7	4.7
EUREKA II (CIS FL 11)	3.0	6.3	4.7
SRX 3961	2.7	6.7	4.7
ABT-HF-3	3.3	5.7	4.5
ABT-HF-4	2.7	6.3	4.5
MB-82	1.3	5.3	3.3
LSD VALUE	1.0	2.1	1.1
C.V. (%)	17.6	12.6	10.9

TABLE 34F. ESTABLISHMENT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
AT LOGAN, UT 2/  
1999-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE

NAME	OCTOBER 98	MAY 99	MEAN
SR 3200	3.0	7.0	5.0
SR 6000	3.7	6.3	5.0
MINOTAUR	3.0	6.3	4.7
PST-4MB	2.7	6.3	4.5
QUATRO	2.7	6.3	4.5
LSD VALUE	-	-	-
C.V. (%)	19.7	15.6	15.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 35A. LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1	NAME	AR1
LONGFELLOW II	8.3	DEFIANT	6.7
PST-4MB	8.3	OSPREY	6.7
SHADOW II	8.3	PICK FF A-97	6.7
ABT-CR-3	8.0	RELIANT II	6.7
HARDTOP (BAR HF 8 FUS)	8.0	RESCUE 911	6.7
JASPER II	8.0	ABERDEEN (PST-EFL)	6.3
OXFORD	8.0	ABT-CHW-2	6.3
SR 5100	8.0	CULOMBRA	6.3
ABT-CR-2	7.7	HERON	6.3
ABT-HF-3	7.7	INTRIGUE	6.3
AMBASSADOR	7.7	PATHFINDER	6.3
SRX 52961	7.7	PICK FRC A-93	6.3
STONEHENGE (AHF 009)	7.7	PST-4HM	6.3
TREAZURE (E)	7.7	ROSE (ASC 087)	6.3
ABT-CHW-1	7.3	SEABREEZE	6.3
ABT-HF-2	7.3	SHADEMARK	6.3
BAR SCF 8 FUS3	7.3	WRIGLEY (ACF 092)	6.3
BERKSHIRE (4001)	7.3	CINDY LOU (CIS FRR 7)	6.0
BIGHORN	7.3	DAWSON E+	6.0
BRITTANY	7.3	DGSC 94	6.0
DISCOVERY	7.3	EUREKA II (CIS FL 11)	6.0
NORDIC (E)	7.3	JAMESTOWN II	6.0
SANDPIPER	7.3	SCALDIS	6.0
SILHOUETTE (PICK FRC 4-92)	7.3	SCALDIS II (AHF 008)	6.0
TIFFANY	7.3	SRX 3961	6.0
AMBROSE (ABT-CHW-3)	7.0	PST-4FR	5.7
ABT-HF-4	7.0	SALSA	5.7
ATTILA E	7.0	SHADEMASTER II	5.7
BRIDGEPORT	7.0	SR 3200	5.7
CHARIOT (CIS FL 12)	7.0	ACF 083	5.3
MAGIC	7.0	ASC 082	5.0
MB-63	7.0	BOREAL	5.0
MB-82	7.0	COMMON CREEPING RED	5.0
MINOTAUR	7.0	INVERNESS (PST-47TCR)	5.0
NAVIGATOR (CIS FRR 5)	7.0	SR 5210 (SRX 52LAV)	5.0
QUATRO	7.0	SR 6000	5.0
VIKING (ABT-HF1)	6.7	ASC 172	4.7
ASR 049	6.7	FLORENTINE	4.3
BANNER III	6.7		
BAR CHF 8 FUS2	6.7	LSD VALUE	1.5
BARGENA III (BAR CF 8 FUS1)	6.7	C.V. (%)	14.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LIVING GROUND COVER (FALL) RATED IN 2002 ONLY.

TABLE 35B. LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1
LONGFELLOW II	8.3
SHADOW II	8.3
SR 5100	8.0
AMBASSADOR	7.7
TREAZURE (E)	7.7
ABT-CHW-1	7.3
BRITTANY	7.3
SANDPIPER	7.3
SILHOUETTE (PICK FRC 4-92)	7.3
TIFFANY	7.3
AMBROSE (ABT-CHW-3)	7.0
BRIDGEPORT	7.0
MAGIC	7.0
MB-63	7.0
BANNER III	6.7
BAR CHF 8 FUS2	6.7
ABT-CHW-2	6.3
CULOMBRA	6.3
INTRIGUE	6.3
PICK FRC A-93	6.3
WRIGLEY (ACF 092)	6.3
JAMESTOWN II	6.0
ACF 083	5.3
LSD VALUE	1.6
C.V. (%)	14.2

TABLE 35C. LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1
BAR SCF 8 FUS3	7.3
ASR 049	6.7
SEABREEZE	6.3
DAWSON E+	6.0
LSD VALUE	1.1
C.V. (%)	10.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LIVING GROUND COVER (FALL) RATED IN 2002 ONLY.

TABLE 35D. LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1
ABT-CR-3	8.0
JASPER II	8.0
ABT-CR-2	7.7
SRX 52961	7.7
NAVIGATOR (CIS FRR 5)	7.0
BARGENA III (BAR CF 8 FUS1)	6.7
ABERDEEN (PST-EFL)	6.3
PATHFINDER	6.3
ROSE (ASC 087)	6.3
SHADEMARK	6.3
CINDY LOU (CIS FRR 7)	6.0
DGSC 94	6.0
PST-4FR	5.7
SALSA	5.7
SHADEMASTER II	5.7
ASC 082	5.0
BOREAL	5.0
COMMON CREEPING RED	5.0
INVERNESS (PST-47TCR)	5.0
SR 5210 (SRX 52LAV)	5.0
ASC 172	4.7
FLORENTINE	4.3
LSD VALUE	1.3
C.V. (%)	13.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LIVING GROUND COVER (FALL) RATED IN 2002 ONLY.

TABLE 35E. LIVING GROUND COVER (FALL) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1
HARDTOP (BAR HF 8 FUS)	8.0
OXFORD	8.0
ABT-HF-3	7.7
STONEHENGE (AHF 009)	7.7
ABT-HF-2	7.3
BERKSHIRE (4001)	7.3
BIGHORN	7.3
DISCOVERY	7.3
NORDIC (E)	7.3
ABT-HF-4	7.0
ATTILA E	7.0
CHARIOT (CIS FL 12)	7.0
MB-82	7.0
MINOTAUR	7.0
VIKING (ABT-HF1)	6.7
DEFIANT	6.7
OSPREY	6.7
PICK FF A-97	6.7
RELIANT II	6.7
RESCUE 911	6.7
HERON	6.3
PST-4HM	6.3
EUREKA II (CIS FL 11)	6.0
SCALDIS	6.0
SCALDIS II (AHF 008)	6.0
SRX 3961	6.0
LSD VALUE	1.6
C.V. (%)	14.5

TABLE 35F. LIVING GROUND COVER (FALL) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

LIVING GROUND COVER RATINGS 1-9; 9=MAXIMUM COVER 2/ 3/

NAME	AR1
PST-4MB	8.3
QUATRO	7.0
SR 3200	5.7
SR 6000	5.0
LSD VALUE	1.7
C.V. (%)	16.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ LIVING GROUND COVER (FALL) RATED IN 2002 ONLY.

TABLE 36A. SPRING COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1	NAME	MD1
ABT-CR-2	8.0	EUREKA II (CIS FL 11)	6.7
ASC 172	8.0	HERON	6.7
DGSC 94	8.0	MAGIC	6.7
FLORENTINE	8.0	MB-82	6.7
INVERNESS (PST-47TCR)	7.7	PICK FF A-97	6.7
JASPER II	7.7	RELIANT II	6.7
PATHFINDER	7.7	SANDPIPER	6.7
SHADEMASTER II	7.7	SEABREEZE	6.7
SILHOUETTE (PICK FRC 4-92)	7.7	SHADEMARK	6.7
ABT-HF-4	7.3	SR 3200	6.7
ASC 082	7.3	SRX 52961	6.7
CINDY LOU (CIS FRR 7)	7.3	TIFFANY	6.7
LONGFELLOW II	7.3	ABT-HF-2	6.3
PST-4MB	7.3	ABT-HF-3	6.3
QUATRO	7.3	BERKSHIRE (4001)	6.3
ROSE (ASC 087)	7.3	COMMON CREEPING RED	6.3
SR 5210 (SRX 52LAV)	7.3	MB-63	6.3
SR 6000	7.3	SCALDIS II (AHF 008)	6.3
ABERDEEN (PST-EFL)	7.0	SHADOW II	6.3
ABT-CHW-2	7.0	WRIGLEY (ACF 092)	6.3
ABT-CR-3	7.0	ACF 083	6.0
AMBASSADOR	7.0	ATTILA E	6.0
BARGENA III (BAR CF 8 FUS1)	7.0	BRIDGEPORT	6.0
BRITTANY	7.0	CHARIOT (CIS FL 12)	6.0
INTRIGUE	7.0	DAWSON E+	6.0
MINOTAUR	7.0	DISCOVERY	6.0
PICK FRC A-93	7.0	HARDTOP (BAR HF 8 FUS)	6.0
PST-4FR	7.0	JAMESTOWN II	6.0
RESCUE 911	7.0	NAVIGATOR (CIS FRR 5)	6.0
SALSA	7.0	OSPREY	6.0
SR 5100	7.0	OXFORD	6.0
ABT-CHW-1	6.7	PST-4HM	6.0
AMBROSE (ABT-CHW-3)	6.7	SRX 3961	6.0
VIKING (ABT-HF1)	6.7	STONEHENGE (AHF 009)	6.0
ASR 049	6.7	TREAZURE (E)	6.0
BANNER III	6.7	DEFIANT	5.7
BAR CHF 8 FUS2	6.7	NORDIC (E)	5.7
BAR SCF 8 FUS3	6.7	SCALDIS	5.3
BIGHORN	6.7		
BOREAL	6.7	LSD VALUE	0.9
CULOMBRA	6.7	C.V. (%)	8.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SPRING COLOR RATED IN 2002 ONLY.

TABLE 36B. SPRING COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1
SILHOUETTE (PICK FRC 4-92)	7.7
LONGFELLOW II	7.3
ABT-CHW-2	7.0
AMBASSADOR	7.0
BRITTANY	7.0
INTRIGUE	7.0
PICK FRC A-93	7.0
SR 5100	7.0
ABT-CHW-1	6.7
AMBROSE (ABT-CHW-3)	6.7
BANNER III	6.7
BAR CHF 8 FUS2	6.7
CULOMBRA	6.7
MAGIC	6.7
SANDPIPER	6.7
TIFFANY	6.7
MB-63	6.3
SHADOW II	6.3
WRIGLEY (ACF 092)	6.3
ACF 083	6.0
BRIDGEPORT	6.0
JAMESTOWN II	6.0
TREAZURE (E)	6.0
LSD VALUE	0.7
C.V. (%)	6.5

TABLE 36C. SPRING COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1
ASR 049	6.7
BAR SCF 8 FUS3	6.7
SEABREEZE	6.7
DAWSON E+	6.0
LSD VALUE	1.1
C.V. (%)	10.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SPRING COLOR RATED IN 2002 ONLY.

TABLE 36D. SPRING COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1
ABT-CR-2	8.0
ASC 172	8.0
DGSC 94	8.0
FLORENTINE	8.0
INVERNESS (PST-47TCR)	7.7
JASPER II	7.7
PATHFINDER	7.7
SHADEMASTER II	7.7
ASC 082	7.3
CINDY LOU (CIS FRR 7)	7.3
ROSE (ASC 087)	7.3
SR 5210 (SRX 52LAV)	7.3
ABERDEEN (PST-EFL)	7.0
ABT-CR-3	7.0
BARGENA III (BAR CF 8 FUS1)	7.0
PST-4FR	7.0
SALSA	7.0
BOREAL	6.7
SHADEMARK	6.7
SRX 52961	6.7
COMMON CREEPING RED	6.3
NAVIGATOR (CIS FRR 5)	6.0
LSD VALUE	1.0
C.V. (%)	8.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SPRING COLOR RATED IN 2002 ONLY.

TABLE 36E. SPRING COLOR RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1
ABT-HF-4	7.3
MINOTAUR	7.0
RESCUE 911	7.0
VIKING (ABT-HF1)	6.7
BIGHORN	6.7
EUREKA II (CIS FL 11)	6.7
HERON	6.7
MB-82	6.7
PICK FF A-97	6.7
RELIANT II	6.7
ABT-HF-2	6.3
ABT-HF-3	6.3
BERKSHIRE (4001)	6.3
SCALDIS II (AHF 008)	6.3
ATTILA E	6.0
CHARIOT (CIS FL 12)	6.0
DISCOVERY	6.0
HARDTOP (BAR HF 8 FUS)	6.0
OSPREY	6.0
OXFORD	6.0
PST-4HM	6.0
SRX 3961	6.0
STONEHENGE (AHF 009)	6.0
DEFIANT	5.7
NORDIC (E)	5.7
SCALDIS	5.3
LSD VALUE	1.0
C.V. (%)	9.8

TABLE 36F. SPRING COLOR RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

SPRING COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	MD1
PST-4MB	7.3
QUATRO	7.3
SR 6000	7.3
SR 3200	6.7
LSD VALUE	1.2
C.V. (%)	10.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SPRING COLOR RATED IN 2002 ONLY.



TABLE 37A. PERCENT POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/

NAME	ME1	NAME	ME1
RESCUE 911	60.0	CHARIOT (CIS FL 12)	20.0
MINOTAUR	56.7	CINDY LOU (CIS FRR 7)	20.0
PICK FF A-97	53.3	FLORENTINE	20.0
SR 6000	53.3	LONGFELLOW II	20.0
ATTILA E	50.0	PICK FRC A-93	20.0
OSPREY	50.0	SEABREEZE	20.0
SR 3200	50.0	TREAZURE (E)	20.0
ABT-HF-3	43.3	WRIGLEY (ACF 092)	20.0
BIGHORN	40.0	ABT-CHW-2	16.7
DISCOVERY	40.0	INTRIGUE	16.7
HERON	40.0	SHADOW II	16.7
NORDIC (E)	40.0	ABT-CHW-1	13.3
QUATRO	40.0	AMBROSE (ABT-CHW-3)	13.3
ABT-HF-4	36.7	ABT-CR-3	13.3
DEFIANT	36.7	ACF 083	13.3
ASC 082	33.3	AMBASSADOR	13.3
BOREAL	33.3	BAR CHF 8 FUS2	13.3
COMMON CREEPING RED	33.3	BRITTANY	13.3
PST-4HM	33.3	CULOMBRA	13.3
ROSE (ASC 087)	33.3	DGSC 94	13.3
BERKSHIRE (4001)	30.0	INVERNESS (PST-47TCR)	13.3
SCALDIS II (AHF 008)	30.0	MAGIC	13.3
SRX 3961	30.0	MB-63	13.3
STONEHENGE (AHF 009)	30.0	MB-82	13.3
ASR 049	26.7	SALSA	13.3
EUREKA II (CIS FL 11)	26.7	SHADEMASTER II	13.3
OXFORD	26.7	SR 5100	13.3
PATHFINDER	26.7	TIFFANY	13.3
PST-4FR	26.7	ABERDEEN (PST-EFL)	10.0
SCALDIS	26.7	BANNER III	10.0
ABT-HF-2	23.3	BARGENA III (BAR CF 8 FUS1)	10.0
VIKING (ABT-HF1)	23.3	BRIDGEPORT	10.0
DAWSON E+	23.3	HARDTOP (BAR HF 8 FUS)	10.0
PST-4MB	23.3	JAMESTOWN II	10.0
RELIANT II	23.3	JASPER II	10.0
SANDPIPER	23.3	NAVIGATOR (CIS FRR 5)	10.0
SHADEMARK	23.3	SILHOUETTE (PICK FRC 4-92)	10.0
SR 5210 (SRX 52LAV)	23.3	SRX 52961	10.0
ABT-CR-2	20.0		
ASC 172	20.0	LSD VALUE	27.0
BAR SCF 8 FUS3	20.0	C.V. (%)	69.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT POA ANNUA RATED IN 2000 ONLY.

TABLE 37B. PERCENT POA ANNUA RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	ME1
SANDPIPER	23.3
LONGFELLOW II	20.0
PICK FRC A-93	20.0
TREAZURE (E)	20.0
WRIGLEY (ACF 092)	20.0
ABT-CHW-2	16.7
INTRIGUE	16.7
SHADOW II	16.7
ABT-CHW-1	13.3
AMBROSE (ABT-CHW-3)	13.3
ACF 083	13.3
AMBASSADOR	13.3
BAR CHF 8 FUS2	13.3
BRITTANY	13.3
CULOMBRA	13.3
MAGIC	13.3
MB-63	13.3
SR 5100	13.3
TIFFANY	13.3
BANNER III	10.0
BRIDGEPORT	10.0
JAMESTOWN II	10.0
SILHOUETTE (PICK FRC 4-92)	10.0
LSD VALUE	15.7
C.V. (%)	66.2

TABLE 37C. PERCENT POA ANNUA RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	ME1
ASR 049	26.7
DAWSON E+	23.3
BAR SCF 8 FUS3	20.0
SEABREEZE	20.0
LSD VALUE	20.8
C.V. (%)	57.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT POA ANNUA RATED IN 2000 ONLY.

TABLE 37D. PERCENT POA ANNUA RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	ME1
ASC 082	33.3
BOREAL	33.3
COMMON CREEPING RED	33.3
ROSE (ASC 087)	33.3
PATHFINDER	26.7
PST-4FR	26.7
SHADEMARK	23.3
SR 5210 (SRX 52LAV)	23.3
ABT-CR-2	20.0
ASC 172	20.0
CINDY LOU (CIS FRR 7)	20.0
FLORENTINE	20.0
ABT-CR-3	13.3
DGSC 94	13.3
INVERNESS (PST-47TCR)	13.3
SALSA	13.3
SHADEMASTER II	13.3
ABERDEEN (PST-EFL)	10.0
BARGENA III (BAR CF 8 FUS1)	10.0
JASPER II	10.0
NAVIGATOR (CIS FRR 5)	10.0
SRX 52961	10.0
LSD VALUE	23.1
C.V. (%)	73.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT POA ANNUA RATED IN 2000 ONLY.

TABLE 37E. PERCENT POA ANNUA RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	ME1
RESCUE 911	60.0
MINOTAUR	56.7
PICK FF A-97	53.3
ATTILA E	50.0
OSPREY	50.0
ABT-HF-3	43.3
BIGHORN	40.0
DISCOVERY	40.0
HERON	40.0
NORDIC (E)	40.0
ABT-HF-4	36.7
DEFIANT	36.7
PST-4HM	33.3
BERKSHIRE (4001)	30.0
SCALDIS II (AHF 008)	30.0
SRX 3961	30.0
STONEHENGE (AHF 009)	30.0
EUREKA II (CIS FL 11)	26.7
OXFORD	26.7
SCALDIS	26.7
ABT-HF-2	23.3
VIKING (ABT-HF1)	23.3
RELIANT II	23.3
CHARIOT (CIS FL 12)	20.0
MB-82	13.3
HARDTOP (BAR HF 8 FUS)	10.0
LSD VALUE	35.2
C.V. (%)	63.6

TABLE 37F. PERCENT POA ANNUA RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	ME1
SR 6000	53.3
SR 3200	50.0
QUATRO	40.0
PST-4MB	23.3
LSD VALUE	39.1
C.V. (%)	58.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT POA ANNUA RATED IN 2000 ONLY.

TABLE 38A. POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3	NAME	WA3
ACF 083	7.3	OXFORD	6.0
INTRIGUE	7.3	PST-4FR	6.0
JAMESTOWN II	7.3	RELIANT II	6.0
SHADOW II	7.3	SRX 52961	6.0
TREASURE (E)	7.3	ATTILA E	5.7
WRIGLEY (ACF 092)	7.3	BARGENA III (BAR CF 8 FUS1)	5.7
ABT-CHW-2	7.0	CHARIOT (CIS FL 12)	5.7
AMBROSE (ABT-CHW-3)	7.0	CINDY LOU (CIS FRR 7)	5.7
BRIDGEPORT	7.0	MB-82	5.7
NAVIGATOR (CIS FRR 5)	7.0	PICK FRC A-93	5.7
SALSA	7.0	ROSE (ASC 087)	5.7
SANDPIPER	7.0	SHADEMASTER II	5.7
TIFFANY	7.0	SRX 3961	5.7
ABT-CHW-1	6.7	ABT-HF-3	5.3
ABT-CR-2	6.7	ASC 082	5.3
ABT-CR-3	6.7	DEFIANT	5.3
AMBASSADOR	6.7	DGSC 94	5.3
BANNER III	6.7	EUREKA II (CIS FL 11)	5.3
DAWSON E+	6.7	INVERNESS (PST-47TCR)	5.3
LONGFELLOW II	6.7	SCALDIS II (AHF 008)	5.3
SILHOUETTE (PICK FRC 4-92)	6.7	SHADEMARK	5.3
SR 5100	6.7	HARDTOP (BAR HF 8 FUS)	5.0
VIKING (ABT-HF1)	6.3	PST-4HM	5.0
ASR 049	6.3	QUATRO	5.0
BAR CHF 8 FUS2	6.3	SR 5210 (SRX 52LAV)	5.0
BAR SCF 8 FUS3	6.3	ABT-HF-2	4.7
BOREAL	6.3	ABT-HF-4	4.7
BRITTANY	6.3	BERKSHIRE (4001)	4.7
COMMON CREEPING RED	6.3	MINOTAUR	4.7
CULOMBRA	6.3	HERON	4.3
FLORENTINE	6.3	PICK FF A-97	4.3
JASPER II	6.3	PST-4MB	4.3
MAGIC	6.3	RESCUE 911	4.3
MB-63	6.3	SR 3200	4.3
PATHFINDER	6.3	STONEHENGE (AHF 009)	4.0
SEABREEZE	6.3	BIGHORN	3.7
SR 6000	6.3	SCALDIS	3.7
ABERDEEN (PST-EFL)	6.0	ASC 172	3.3
DISCOVERY	6.0		
NORDIC (E)	6.0	LSD VALUE	1.4
OSPREY	6.0	C.V. (%)	15.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ POA ANNUA RATED IN 2000 ONLY.

TABLE 38B. POA ANNUA RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3
ACF 083	7.3
INTRIGUE	7.3
JAMESTOWN II	7.3
SHADOW II	7.3
TREAZURE (E)	7.3
WRIGLEY (ACF 092)	7.3
ABT-CHW-2	7.0
AMBROSE (ABT-CHW-3)	7.0
BRIDGEPORT	7.0
SANDPIPER	7.0
TIFFANY	7.0
ABT-CHW-1	6.7
AMBASSADOR	6.7
BANNER III	6.7
LONGFELLOW II	6.7
SILHOUETTE (PICK FRC 4-92)	6.7
SR 5100	6.7
BAR CHF 8 FUS2	6.3
BRITTANY	6.3
CULOMBRA	6.3
MAGIC	6.3
MB-63	6.3
PICK FRC A-93	5.7
LSD VALUE	0.9
C.V. (%)	8.7

TABLE 38C. POA ANNUA RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3
DAWSON E+	6.7
ASR 049	6.3
BAR SCF 8 FUS3	6.3
SEABREEZE	6.3
LSD VALUE	0.9
C.V. (%)	9.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ POA ANNUA RATED IN 2000 ONLY.

TABLE 38D. POA ANNUA RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3
NAVIGATOR (CIS FRR 5)	7.0
SALSA	7.0
ABT-CR-2	6.7
ABT-CR-3	6.7
BOREAL	6.3
COMMON CREEPING RED	6.3
FLORENTINE	6.3
JASPER II	6.3
PATHFINDER	6.3
ABERDEEN (PST-EFL)	6.0
PST-4FR	6.0
SRX 52961	6.0
BARGENA III (BAR CF 8 FUS1)	5.7
CINDY LOU (CIS FRR 7)	5.7
ROSE (ASC 087)	5.7
SHADEMASTER II	5.7
ASC 082	5.3
DGSC 94	5.3
INVERNESS (PST-47TCR)	5.3
SHADEMARK	5.3
SR 5210 (SRX 52LAV)	5.0
ASC 172	3.3
LSD VALUE	1.5
C.V. (%)	15.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ POA ANNUA RATED IN 2000 ONLY.

TABLE 38E. POA ANNUA RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3
VIKING (ABT-HF1)	6.3
DISCOVERY	6.0
NORDIC (E)	6.0
OSPREY	6.0
OXFORD	6.0
RELIANT II	6.0
ATTILA E	5.7
CHARIOT (CIS FL 12)	5.7
MB-82	5.7
SRX 3961	5.7
ABT-HF-3	5.3
DEFIANT	5.3
EUREKA II (CIS FL 11)	5.3
SCALDIS II (AHF 008)	5.3
HARDTOP (BAR HF 8 FUS)	5.0
PST-4HM	5.0
ABT-HF-2	4.7
ABT-HF-4	4.7
BERKSHIRE (4001)	4.7
MINOTAUR	4.7
HERON	4.3
PICK FF A-97	4.3
RESCUE 911	4.3
STONEHENGE (AHF 009)	4.0
BIGHORN	3.7
SCALDIS	3.7
LSD VALUE	1.8
C.V. (%)	21.6

TABLE 38F. POA ANNUA RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	WA3
SR 6000	6.3
QUATRO	5.0
PST-4MB	4.3
SR 3200	4.3
LSD VALUE	1.6
C.V. (%)	20.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ POA ANNUA RATED IN 2000 ONLY.



TABLE 39A. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST 2/ 3/

NAME	NJ1	NAME	NJ1
JASPER II	9.0	MINOTAUR	4.7
SRX 52961	9.0	NORDIC (E)	4.7
CINDY LOU (CIS FRR 7)	8.7	PICK FRC A-93	4.7
NAVIGATOR (CIS FRR 5)	8.0	STONEHENGE (AHF 009)	4.7
SHADEMASTER II	8.0	WRIGLEY (ACF 092)	4.7
ABERDEEN (PST-EFL)	7.7	ATTILA E	4.3
ABT-CR-3	7.7	BANNER III	4.3
FLORENTINE	7.7	BOREAL	4.3
ROSE (ASC 087)	7.3	HERON	4.3
SALSA	7.3	MAGIC	4.3
SR 5210 (SRX 52LAV)	7.3	MB-63	4.3
BARGENA III (BAR CF 8 FUS1)	7.0	OXFORD	4.3
LONGFELLOW II	7.0	RELIANT II	4.3
TREAZURE (E)	7.0	CULOMBRA	4.0
ABT-CHW-2	6.7	EUREKA II (CIS FL 11)	4.0
DGSC 94	6.7	OSPREY	4.0
SRX 3961	6.7	SANDPIPER	4.0
ABT-HF-2	6.3	ABT-CHW-1	3.7
ASC 082	6.3	ABT-HF-4	3.7
INTRIGUE	6.3	BAR CHF 8 FUS2	3.7
INVERNESS (PST-47TCR)	6.3	CHARIOT (CIS FL 12)	3.7
ACF 083	6.0	DAWSON E+	3.7
BRIDGEPORT	6.0	DISCOVERY	3.7
SHADEMARK	6.0	HARDTOP (BAR HF 8 FUS)	3.7
SR 5100	6.0	MB-82	3.7
ABT-CR-2	5.7	PST-4HM	3.7
COMMON CREEPING RED	5.7	PST-4MB	3.7
PATHFINDER	5.7	PICK FF A-97	3.3
PST-4FR	5.7	SILHOUETTE (PICK FRC 4-92)	3.3
VIKING (ABT-HF1)	5.3	DEFIANT	3.0
AMBASSADOR	5.3	RESCUE 911	3.0
ASC 172	5.3	ASR 049	2.7
BERKSHIRE (4001)	5.3	BRITTANY	2.7
QUATRO	5.3	BIGHORN	2.3
SEABREEZE	5.3	SCALDIS II (AHF 008)	2.0
SHADOW II	5.3	SCALDIS	1.7
TIFFANY	5.3	SR 3200	1.7
ABT-HF-3	5.0	SR 6000	1.0
BAR SCF 8 FUS3	5.0		
AMBROSE (ABT-CHW-3)	4.7	LSD VALUE	1.6
JAMESTOWN II	4.7	C.V. (%)	20.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATED IN 2000 ONLY.

TABLE 39B. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST		2/ 3/
NAME		NJ1
LONGFELLOW II		7.0
TREAZURE (E)		7.0
ABT-CHW-2		6.7
INTRIGUE		6.3
ACF 083		6.0
BRIDGEPORT		6.0
SR 5100		6.0
AMBASSADOR		5.3
SHADOW II		5.3
TIFFANY		5.3
AMBROSE (ABT-CHW-3)		4.7
JAMESTOWN II		4.7
PICK FRC A-93		4.7
WRIGLEY (ACF 092)		4.7
BANNER III		4.3
MAGIC		4.3
MB-63		4.3
CULOMBRA		4.0
SANDPIPER		4.0
ABT-CHW-1		3.7
BAR CHF 8 FUS2		3.7
SILHOUETTE (PICK FRC 4-92)		3.3
BRITTANY		2.7
LSD VALUE		1.5
C.V. (%)		19.4

TABLE 39C. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST		2/ 3/
NAME		NJ1
SEABREEZE		5.3
BAR SCF 8 FUS3		5.0
DAWSON E+		3.7
ASR 049		2.7
LSD VALUE		2.5
C.V. (%)		37.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATED IN 2000 ONLY.

TABLE 39D. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST		2/ 3/
NAME		NJ1
JASPER II		9.0
SRX 52961		9.0
CINDY LOU (CIS FRR 7)		8.7
NAVIGATOR (CIS FRR 5)		8.0
SHADEMASTER II		8.0
ABERDEEN (PST-EFL)		7.7
ABT-CR-3		7.7
FLORENTINE		7.7
ROSE (ASC 087)		7.3
SALSA		7.3
SR 5210 (SRX 52LAV)		7.3
BARGENA III (BAR CF 8 FUS1)		7.0
DGSC 94		6.7
ASC 082		6.3
INVERNESS (PST-47TCR)		6.3
SHADEMARK		6.0
ABT-CR-2		5.7
COMMON CREEPING RED		5.7
PATHFINDER		5.7
PST-4FR		5.7
ASC 172		5.3
BOREAL		4.3
LSD VALUE		1.8
C.V. (%)		16.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATED IN 2000 ONLY.

TABLE 39E. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST 2/ 3/	
NAME	NJ1
SRX 3961	6.7
ABT-HF-2	6.3
VIKING (ABT-HF1)	5.3
BERKSHIRE (4001)	5.3
ABT-HF-3	5.0
MINOTAUR	4.7
NORDIC (E)	4.7
STONEHENGE (AHF 009)	4.7
ATTILA E	4.3
HERON	4.3
OXFORD	4.3
RELIANT II	4.3
EUREKA II (CIS FL 11)	4.0
OSPREY	4.0
ABT-HF-4	3.7
CHARIOT (CIS FL 12)	3.7
DISCOVERY	3.7
HARDTOP (BAR HF 8 FUS)	3.7
MB-82	3.7
PST-4HM	3.7
PICK FF A-97	3.3
DEFIANT	3.0
RESCUE 911	3.0
BIGHORN	2.3
SCALDIS II (AHF 008)	2.0
SCALDIS	1.7
LSD VALUE	1.4
C.V. (%)	20.9

TABLE 39F. VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

VIGOR RATINGS 1-9; 9=BEST 2/ 3/	
NAME	NJ1
QUATRO	5.3
PST-4MB	3.7
SR 3200	1.7
SR 6000	1.0
LSD VALUE	1.6
C.V. (%)	34.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VIGOR (FROM EARLY STAGE OF SUMMER PATCH) RATED IN 2000 ONLY.

TABLE 40A. PERCENT PATCH DISEASE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1	NAME	KY1
SR 6000	75.8	TIFFANY	29.8
MB-82	55.8	ROSE (ASC 087)	29.2
COMMON CREEPING RED	54.7	PATHFINDER	28.8
DEFIANT	54.2	ABT-HF-3	28.5
BRITTANY	52.8	INVERNESS (PST-47TCR)	28.2
ASC 172	52.8	VIKING (ABT-HF1)	27.5
SCALDIS	51.2	BRIDGEPORT	26.2
PICK FF A-97	50.8	ABT-HF-2	26.0
SR 3200	50.7	WRIGLEY (ACF 092)	25.2
BAR CHF 8 FUS2	50.0	FLORENTINE	24.0
BOREAL	50.0	SHADEMASTER II	22.5
DAWSON E+	49.5	SILHOUETTE (PICK FRC 4-92)	22.5
OSPREY	47.5	BARGENA III (BAR CF 8 FUS1)	22.0
QUATRO	47.0	CULOMBRA	20.3
SALSA	45.8	STONEHENGE (AHF 009)	18.0
SCALDIS II (AHF 008)	44.5	OXFORD	17.0
RELIANT II	43.7	HARDTOP (BAR HF 8 FUS)	16.5
ATTLA E	42.8	MAGIC	16.5
HERON	42.0	ABT-CHW-1	16.0
BIGHORN	41.7	NAVIGATOR (CIS FRR 5)	15.2
ASR 049	40.3	ABT-CR-3	15.0
ASC 082	39.5	ABT-CHW-2	14.7
SHADEMARK	39.3	SHADOW II	14.5
CHARIOT (CIS FL 12)	39.2	ABT-CR-2	14.3
JAMESTOWN II	39.2	PST-4MB	13.7
EUREKA II (CIS FL 11)	38.3	SRX 52961	11.8
SANDPIPER	38.0	INTRIGUE	11.7
MINOTAUR	35.3	SR 5210 (SRX 52LAV)	11.0
NORDIC (E)	35.3	ABERDEEN (PST-EFL)	10.3
ABT-HF-4	35.0	SR 5100	10.3
PST-4FR	34.5	LONGFELLOW II	8.7
DGSC 94	33.7	AMBASSADOR	8.5
PST-4HM	33.2	TREAZURE (E)	8.5
BAR SCF 8 FUS3	32.8	PICK FRC A-93	8.2
SEABREEZE	32.8	CINDY LOU (CIS FRR 7)	8.0
MB-63	31.3	SRX 3961	7.7
ACF 083	30.8	AMBROSE (ABT-CHW-3)	5.0
BERKSHIRE (4001)	30.7	JASPER II	1.0
RESCUE 911	30.7		
DISCOVERY	30.5	LSL VALUE	29.8
BANNER III	30.0	C.V. (%)	61.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT PATCH DISEASE RATED IN 2000-01.

TABLE 40B. PERCENT PATCH DISEASE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1
BRITTANY	52.8
BAR CHF 8 FUS2	50.0
JAMESTOWN II	39.2
SANDPIPER	38.0
MB-63	31.3
ACF 083	30.8
BANNER III	30.0
TIFFANY	29.8
BRIDGEPORT	26.2
WRIGLEY (ACF 092)	25.2
SILHOUETTE (PICK FRC 4-92)	22.5
CULOMBRA	20.3
MAGIC	16.5
ABT-CHW-1	16.0
ABT-CHW-2	14.7
SHADOW II	14.5
INTRIGUE	11.7
SR 5100	10.3
LONGFELLOW II	8.7
AMBASSADOR	8.5
TREAZURE (E)	8.5
PICK FRC A-93	8.2
AMBROSE (ABT-CHW-3)	5.0
LSD VALUE	20.9
C.V. (%)	59.0

TABLE 40C. PERCENT PATCH DISEASE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1
DAWSON E+	49.5
ASR 049	40.3
BAR SCF 8 FUS3	32.8
SEABREEZE	32.8
LSD VALUE	29.2
C.V. (%)	58.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT PATCH DISEASE RATED IN 2000-01.

TABLE 40D. PERCENT PATCH DISEASE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1
COMMON CREEPING RED	54.7
ASC 172	52.8
BOREAL	50.0
SALSA	45.8
ASC 082	39.5
SHADEMARK	39.3
PST-4FR	34.5
DGSC 94	33.7
ROSE (ASC 087)	29.2
PATHFINDER	28.8
INVERNESS (PST-47TCR)	28.2
FLORENTINE	24.0
SHADEMASTER II	22.5
BARGENA III (BAR CF 8 FUS1)	22.0
NAVIGATOR (CIS FRR 5)	15.2
ABT-CR-3	15.0
ABT-CR-2	14.3
SRX 52961	11.8
SR 5210 (SRX 52LAV)	11.0
ABERDEEN (PST-EFL)	10.3
CINDY LOU (CIS FRR 7)	8.0
JASPER II	1.0
LSD VALUE	24.3
C.V. (%)	64.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT PATCH DISEASE RATED IN 2000-01.

TABLE 40E. PERCENT PATCH DISEASE RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1
MB-82	55.8
DEFIANT	54.2
SCALDIS	51.2
PICK FF A-97	50.8
OSPREY	47.5
SCALDIS II (AHF 008)	44.5
RELIANT II	43.7
ATTILA E	42.8
HERON	42.0
BIGHORN	41.7
CHARIOT (CIS FL 12)	39.2
EUREKA II (CIS FL 11)	38.3
MINOTAUR	35.3
NORDIC (E)	35.3
ABT-HF-4	35.0
PST-4HM	33.2
BERKSHIRE (4001)	30.7
RESCUE 911	30.7
DISCOVERY	30.5
ABT-HF-3	28.5
VIKING (ABT-HF1)	27.5
ABT-HF-2	26.0
STONEHENGE (AHF 009)	18.0
OXFORD	17.0
HARDTOP (BAR HF 8 FUS)	16.5
SRX 3961	7.7
LSD VALUE	35.3
C.V. (%)	66.0

TABLE 40F. PERCENT PATCH DISEASE RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/

NAME	KY1
SR 6000	75.8
SR 3200	50.7
QUATRO	47.0
PST-4MB	13.7
LSD VALUE	43.5
C.V. (%)	58.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT PATCH DISEASE RATED IN 2000-01.



TABLE 41A. PERCENT SUMMER PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1	NAME	KY1
SR 6000	60.0	SALSA	16.0
SCALDIS	58.3	BERKSHIRE (4001)	15.3
ASR 049	55.0	BRIDGEPORT	14.0
SCALDIS II (AHF 008)	50.0	NORDIC (E)	13.3
SR 3200	50.0	DISCOVERY	13.0
ASC 172	46.7	JAMESTOWN II	12.7
OSPREY	46.7	OXFORD	12.3
BOREAL	43.3	ABT-HF-2	12.0
DAWSON E+	41.3	ABERDEEN (PST-EFL)	11.7
QUATRO	40.7	ROSE (ASC 087)	10.7
ATTILA E	38.3	SILHOUETTE (PICK FRC 4-92)	10.7
SHADEMARK	31.7	ABT-HF-3	10.0
PST-4FR	30.7	MB-63	10.0
VIKING (ABT-HF1)	30.0	WRIGLEY (ACF 092)	7.3
HERON	30.0	HARDTOP (BAR HF 8 FUS)	6.7
MB-82	30.0	BANNER III	6.3
PICK FF A-97	30.0	SRX 52961	6.3
BIGHORN	29.3	ABT-CHW-2	6.0
COMMON CREEPING RED	29.0	ACF 083	6.0
INVERNESS (PST-47TCR)	27.3	ABT-CHW-1	5.7
DEFIANT	25.7	SR 5100	5.3
SEABREEZE	25.7	SR 5210 (SRX 52LAV)	5.0
ABT-CR-2	25.3	MAGIC	4.7
EUREKA II (CIS FL 11)	25.0	NAVIGATOR (CIS FRR 5)	4.3
RELIANT II	25.0	SHADEMASTER II	4.3
TIFFANY	25.0	TREAZURE (E)	4.3
PST-4HM	23.3	CULOMBRA	4.0
RESCUE 911	22.0	CINDY LOU (CIS FRR 7)	3.7
BAR SCF 8 FUS3	21.0	INTRIGUE	3.7
ASC 082	20.3	LONGFELLOW II	3.3
FLORENTINE	20.0	BRITTANY	2.7
PATHFINDER	19.3	ABT-CR-3	2.0
BARGENA III (BAR CF 8 FUS1)	18.3	AMBASSADOR	1.7
DGSC 94	18.3	PICK FRC A-93	1.7
SANDPIPER	17.7	AMBROSE (ABT-CHW-3)	0.3
STONEHENGE (AHF 009)	17.7	JASPER II	0.3
BAR CHF 8 FUS2	17.3	SHADOW II	0.0
MINOTAUR	17.3		
PST-4MB	17.0	LSD VALUE	20.7
ABT-HF-4	16.7	C.V. (%)	67.4
SRX 3961	16.3		
CHARIOT (CIS FL 12)	16.0		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT SUMMER PATCH RATED IN 2001 ONLY.
- 4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE.

TABLE 41B. PERCENT SUMMER PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1
TIFFANY	25.0
SANDPIPER	17.7
BAR CHF 8 FUS2	17.3
BRIDGEPORT	14.0
JAMESTOWN II	12.7
SILHOUETTE (PICK FRC 4-92)	10.7
MB-63	10.0
WRIGLEY (ACF 092)	7.3
BANNER III	6.3
ABT-CHW-2	6.0
ACF 083	6.0
ABT-CHW-1	5.7
SR 5100	5.3
MAGIC	4.7
TREAZURE (E)	4.3
CULOMBRA	4.0
INTRIGUE	3.7
LONGFELLOW II	3.3
BRITTANY	2.7
AMBASSADOR	1.7
PICK FRC A-93	1.7
AMBROSE (ABT-CHW-3)	0.3
SHADOW II	0.0
LSD VALUE	11.2
C.V. (%)	93.6

TABLE 41C. PERCENT SUMMER PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1
ASR 049	55.0
DAWSON E+	41.3
SEABREEZE	25.7
BAR SCF 8 FUS3	21.0
LSD VALUE	27.0
C.V. (%)	46.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT SUMMER PATCH RATED IN 2001 ONLY.

4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE.

TABLE 41D. PERCENT SUMMER PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1
ASC 172	46.7
BOREAL	43.3
SHADEMARK	31.7
PST-4FR	30.7
COMMON CREEPING RED	29.0
INVERNESS (PST-47TCR)	27.3
ABT-CR-2	25.3
ASC 082	20.3
FLORENTINE	20.0
PATHFINDER	19.3
BARGENA III (BAR CF 8 FUS1)	18.3
DGSC 94	18.3
SALSA	16.0
ABERDEEN (PST-EFL)	11.7
ROSE (ASC 087)	10.7
SRX 52961	6.3
SR 5210 (SRX 52LAV)	5.0
NAVIGATOR (CIS FRR 5)	4.3
SHADEMASTER II	4.3
CINDY LOU (CIS FRR 7)	3.7
ABT-CR-3	2.0
JASPER II	0.3
LSD VALUE	19.8
C.V. (%)	68.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT SUMMER PATCH RATED IN 2001 ONLY.

4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE.

TABLE 41E. PERCENT SUMMER PATCH RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1
SCALDIS	58.3
SCALDIS II (AHF 008)	50.0
OSPREY	46.7
ATTILA E	38.3
VIKING (ABT-HF1)	30.0
HERON	30.0
MB-82	30.0
PICK FF A-97	30.0
BIGHORN	29.3
DEFIANT	25.7
EUREKA II (CIS FL 11)	25.0
RELIANT II	25.0
PST-4HM	23.3
RESCUE 911	22.0
STONEHENGE (AHF 009)	17.7
MINOTAUR	17.3
ABT-HF-4	16.7
SRX 3961	16.3
CHARIOT (CIS FL 12)	16.0
BERKSHIRE (4001)	15.3
NORDIC (E)	13.3
DISCOVERY	13.0
OXFORD	12.3
ABT-HF-2	12.0
ABT-HF-3	10.0
HARDTOP (BAR HF 8 FUS)	6.7
LSD VALUE	21.9
C.V. (%)	56.1

TABLE 41F. PERCENT SUMMER PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA 2/ 3/ 4/

NAME	KY1
SR 6000	60.0
SR 3200	50.0
QUATRO	40.7
PST-4MB	17.0
LSD VALUE	41.5
C.V. (%)	61.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT SUMMER PATCH RATED IN 2001 ONLY.
- 4/ SUMMER PATCH CAUSED BY MAGNAPORTHE POAE.

TABLE 42A. PERCENT BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
DAWSON E+	11.0	94.0	52.5
ASR 049	6.7	91.3	49.0
BOREAL	16.3	80.0	48.2
SR 6000	0.0	91.0	45.5
COMMON CREEPING RED	8.3	78.3	43.3
QUATRO	0.0	85.0	42.5
JAMESTOWN II	6.7	73.3	40.0
SR 3200	0.0	66.7	33.3
SHADEMARK	18.3	44.3	31.3
BAR CHF 8 FUS2	4.0	58.3	31.2
ABT-CHW-1	0.0	56.7	28.3
SILHOUETTE (PICK FRC 4-92)	4.0	50.0	27.0
SANDPIPER	0.0	46.7	23.3
SEABREEZE	0.0	43.3	21.7
MAGIC	6.7	36.3	21.5
ASC 172	15.7	26.7	21.2
PICK FF A-97	0.0	41.0	20.5
DGSC 94	15.7	24.7	20.2
BIGHORN	0.0	38.0	19.0
MB-82	0.0	38.0	19.0
PST-4HM	0.0	38.0	19.0
SR 5210 (SRX 52LAV)	18.3	18.0	18.2
ABT-HF-4	0.0	35.7	17.8
NORDIC (E)	0.0	35.7	17.8
TIFFANY	0.0	35.7	17.8
BANNER III	1.7	33.3	17.5
HERON	0.0	33.3	16.7
ASC 082	25.0	8.0	16.5
ATTILA E	0.0	32.3	16.2
ABT-HF-3	0.0	30.0	15.0
MINOTAUR	0.0	30.0	15.0
ABT-CR-2	12.0	17.7	14.8
WRIGLEY (ACF 092)	0.0	29.7	14.8
SR 5100	0.0	29.7	14.8
PST-4FR	6.3	20.3	13.3
CULOMBRA	0.0	26.0	13.0
ABERDEEN (PST-EFL)	9.0	16.3	12.7
SCALDIS	0.0	25.0	12.5
BARGENA III (BAR CF 8 FUS1)	15.7	8.3	12.0
BRITTANY	0.0	23.3	11.7
INVERNESS (PST-47TCR)	10.0	12.3	11.2
FLORENTINE	11.3	10.3	10.8
ABT-HF-2	0.0	20.7	10.3
BRIDGEPORT	2.0	18.7	10.3
PATHFINDER	9.3	11.0	10.2
BERKSHIRE (4001)	0.0	19.3	9.7
ROSE (ASC 087)	4.3	15.0	9.7

TABLE 42A. PERCENT BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 (CONT'D) AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
NAVIGATOR (CIS FRR 5)	8.3	10.7	9.5
OSPREY	0.0	18.3	9.2
SALSA	2.3	15.3	8.8
ACF 083	0.0	15.7	7.8
AMBASSADOR	0.0	15.7	7.8
MB-63	0.0	15.7	7.8
SCALDIS II (AHF 008)	0.0	14.0	7.0
STONEHENGE (AHF 009)	0.0	13.7	6.8
EUREKA II (CIS FL 11)	0.0	13.7	6.8
VIKING (ABT-HF1)	0.0	13.0	6.5
CINDY LOU (CIS FRR 7)	2.3	9.7	6.0
PST-4MB	0.0	11.7	5.8
BAR SCF 8 FUS3	0.0	11.0	5.5
ABT-CHW-2	0.0	10.3	5.2
DISCOVERY	0.0	10.3	5.2
OXFORD	0.0	10.3	5.2
RELIANT II	0.0	10.0	5.0
SHADOW II	0.0	9.0	4.5
ABT-CR-3	0.0	8.3	4.2
RESCUE 911	0.0	8.3	4.2
INTRIGUE	0.0	7.7	3.8
SHADEMASTER II	3.3	4.3	3.8
AMBROSE (ABT-CHW-3)	0.0	7.3	3.7
HARDTOP (BAR HF 8 FUS)	0.0	7.3	3.7
DEFIANT	0.0	7.0	3.5
CHARIOT (CIS FL 12)	0.0	7.0	3.5
SRX 52961	0.0	6.3	3.2
SRX 3961	0.0	5.7	2.8
PICK FRC A-93	0.0	5.0	2.5
TREAZURE (E)	0.0	5.0	2.5
JASPER II	2.0	2.7	2.3
LONGFELLOW II	0.0	3.3	1.7
LSD VALUE	8.4	18.2	9.7
C.V. (%)	155.7	45.7	43.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1999 ONLY.

TABLE 42B. PERCENT BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
JAMESTOWN II	6.7	73.3	40.0
BAR CHF 8 FUS2	4.0	58.3	31.2
ABT-CHW-1	0.0	56.7	28.3
SILHOUETTE (PICK FRC 4-92)	4.0	50.0	27.0
SANDPIPER	0.0	46.7	23.3
MAGIC	6.7	36.3	21.5
PST-4HM	0.0	38.0	19.0
TIFFANY	0.0	35.7	17.8
BANNER III	1.7	33.3	17.5
WRIGLEY (ACF 092)	0.0	29.7	14.8
SR 5100	0.0	29.7	14.8
CULOMBRA	0.0	26.0	13.0
BRITTANY	0.0	23.3	11.7
BRIDGEPORT	2.0	18.7	10.3
ACF 083	0.0	15.7	7.8
AMBASSADOR	0.0	15.7	7.8
MB-63	0.0	15.7	7.8
ABT-CHW-2	0.0	10.3	5.2
SHADOW II	0.0	9.0	4.5
INTRIGUE	0.0	7.7	3.8
AMBROSE (ABT-CHW-3)	0.0	7.3	3.7
PICK FRC A-93	0.0	5.0	2.5
TREAZURE (E)	0.0	5.0	2.5
LONGFELLOW II	0.0	3.3	1.7
LSD VALUE	11.4	22.9	10.8
C.V. (%)	349.5	52.2	48.6

TABLE 42C. PERCENT BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
DAWSON E+	11.0	94.0	52.5
ASR 049	6.7	91.3	49.0
SEABREEZE	0.0	43.3	21.7
BAR SCF 8 FUS3	0.0	11.0	5.5
LSD VALUE	11.3	26.2	16.0
C.V. (%)	117.5	22.3	25.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1999 ONLY.

TABLE 42D. PERCENT BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
BOREAL	16.3	80.0	48.2
COMMON CREEPING RED	8.3	78.3	43.3
SHADEMARK	18.3	44.3	31.3
ASC 172	15.7	26.7	21.2
DGSC 94	15.7	24.7	20.2
SR 5210 (SRX 52LAV)	18.3	18.0	18.2
ASC 082	25.0	8.0	16.5
ABT-CR-2	12.0	17.7	14.8
PST-4FR	6.3	20.3	13.3
ABERDEEN (PST-EFL)	9.0	16.3	12.7
BARGENA III (BAR CF 8 FUS1)	15.7	8.3	12.0
INVERNESS (PST-47TCR)	10.0	12.3	11.2
FLORENTINE	11.3	10.3	10.8
PATHFINDER	9.3	11.0	10.2
ROSE (ASC 087)	4.3	15.0	9.7
NAVIGATOR (CIS FRR 5)	8.3	10.7	9.5
SALSA	2.3	15.3	8.8
CINDY LOU (CIS FRR 7)	2.3	9.7	6.0
ABT-CR-3	0.0	8.3	4.2
SHADEMASTER II	3.3	4.3	3.8
SRX 52961	0.0	6.3	3.2
JASPER II	2.0	2.7	2.3
LSD VALUE	16.8	11.1	8.3
C.V. (%)	82.9	36.4	36.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1999 ONLY.



TABLE 42E. PERCENT BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
PICK FF A-97	0	41.0	20.5
BIGHORN	0	38.0	19.0
MB-82	0	38.0	19.0
ABT-HF-4	0	35.7	17.8
NORDIC (E)	0	35.7	17.8
HERON	0	33.3	16.7
ATTILA E	0	32.3	16.2
ABT-HF-3	0	30.0	15.0
SCALDIS	0	25.0	12.5
ABT-HF-2	0	20.7	10.3
BERKSHIRE (4001)	0	19.3	9.7
OSPREY	0	18.3	9.2
SCALDIS II (AHF 008)	0	14.0	7.0
STONEHENGE (AHF 009)	0	13.7	6.8
EUREKA II (CIS FL 11)	0	13.7	6.8
VIKING (ABT-HF1)	0	13.0	6.5
DISCOVERY	0	10.3	5.2
OXFORD	0	10.3	5.2
RELIANT II	0	10.0	5.0
RESCUE 911	0	8.3	4.2
HARDTOP (BAR HF 8 FUS)	0	7.3	3.7
DEFIANT	0	7.0	3.5
CHARIOT (CIS FL 12)	0	7.0	3.5
SRX 3961	0	5.7	2.8
LSD VALUE	-	27.1	13.6
C.V. (%)	.	66.8	66.8

TABLE 42F. PERCENT BROWN PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
 AT LEXINGTON, KY 2/ 3/  
 1999-2002 DATA

NAME	JULY	AUGUST	MEAN
SR 6000	0	91.0	45.5
QUATRO	0	85.0	42.5
SR 3200	0	66.7	33.3
MINOTAUR	0	30.0	15.0
PST-4MB	0	11.7	5.8
LSD VALUE	-	20.9	10.4
C.V. (%)	.	20.4	20.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1999 ONLY.

TABLE 43A.

BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS  
 AT RALEIGH (HIGH INPUT), NC 1/  
 1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
BIGHORN	8.3	8.0	8.0	9.0	9.0	8.6
AMBROSE (ABT-CHW-3)	9.0	7.3	8.0	8.7	8.7	8.4
ABT-HF-3	8.3	8.0	7.3	9.0	9.0	8.4
ATTILA E	8.0	7.7	7.7	9.0	9.0	8.4
SRX 3961	8.7	8.3	8.3	8.3	8.3	8.4
ABT-CHW-2	8.3	7.7	6.7	9.0	9.0	8.3
MINOTAUR	8.7	7.7	7.7	8.7	8.7	8.3
PICK FRC A-93	8.3	7.7	7.7	8.7	8.7	8.3
SR 5100	9.0	7.7	7.0	8.7	8.7	8.3
SRX 52961	7.7	7.3	7.7	9.0	9.0	8.3
AMBASSADOR	8.7	7.0	6.7	9.0	9.0	8.2
BRITTANY	8.3	7.7	7.0	8.7	8.7	8.2
CHARIOT (CIS FL 12)	8.0	7.7	7.7	8.7	8.7	8.2
EUREKA II (CIS FL 11)	6.7	7.3	8.0	9.0	9.0	8.2
MAGIC	8.7	7.3	7.0	8.7	8.7	8.2
SCALDIS II (AHF 008)	8.0	7.3	8.0	8.7	8.7	8.2
ABT-HF-2	7.3	7.7	7.7	8.7	8.7	8.1
CINDY LOU (CIS FRR 7)	8.0	7.7	7.7	8.3	8.3	8.1
CULOMBRA	8.0	7.0	6.3	9.0	9.0	8.1
DISCOVERY	8.3	7.7	7.7	8.3	8.3	8.1
HARDTOP (BAR HF 8 FUS)	8.0	8.0	8.3	8.0	8.0	8.1
INTRIGUE	8.0	7.0	6.3	9.0	9.0	8.1
LONGFELLOW II	8.3	7.7	6.3	8.7	8.7	8.1
MB-63	7.3	6.7	7.3	9.0	9.0	8.1
NORDIC (E)	8.0	7.7	7.7	8.3	8.3	8.1
OXFORD	8.0	7.7	7.7	8.3	8.3	8.1
PST-4MB	7.3	7.3	7.7	8.7	8.7	8.1
SHADOW II	8.0	7.7	7.7	8.3	8.3	8.1
SR 3200	8.0	7.7	8.0	8.3	8.3	8.1
VIKING (ABT-HF1)	8.3	8.0	7.7	8.0	8.0	8.0
ABT-HF-4	8.0	7.3	6.0	8.7	8.7	7.9
HERON	7.0	8.0	7.7	8.3	8.3	7.9
PST-4HM	8.0	8.0	7.7	8.0	8.0	7.9
RELIANT II	8.0	7.7	7.7	8.0	8.0	7.9
SANDPIPER	8.3	7.3	7.0	8.3	8.3	7.9
ABT-CHW-1	8.7	7.0	6.3	8.3	8.3	7.8
BRIDGEPORT	8.0	7.0	7.0	8.3	8.3	7.8
JAMESTOWN II	7.0	6.3	6.3	9.0	9.0	7.8
STONEHENGE (AHF 009)	7.3	7.3	7.0	8.3	8.3	7.8
TREAZURE (E)	8.0	6.3	6.3	8.7	8.7	7.8
ABT-CR-3	6.0	6.3	7.7	8.7	8.7	7.7
SCALDIS	7.3	7.7	7.0	8.0	8.0	7.7
BAR CHF 8 FUS2	8.3	7.0	5.3	8.3	8.3	7.6
MB-82	7.7	7.0	6.0	8.3	8.3	7.6
NAVIGATOR (CIS FRR 5)	6.7	6.7	7.3	8.3	8.3	7.6

TABLE 43A. (CONT'D) BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
OSPREY	7.3	7.3	7.7	7.7	7.7	7.6
ABERDEEN (PST-EFL)	7.0	6.7	7.3	8.0	8.0	7.5
BERKSHIRE (4001)	7.0	7.0	8.0	7.7	7.7	7.5
DEFIANT	7.0	7.0	7.0	8.0	8.0	7.5
RESCUE 911	7.7	7.7	7.7	7.3	7.3	7.5
SILHOUETTE (PICK FRC 4-92)	8.3	7.3	6.3	7.7	7.7	7.5
TIFFANY	8.3	7.0	7.3	7.3	7.3	7.4
SR 5210 (SRX 52LAV)	4.7	5.7	7.7	8.7	8.7	7.3
WRIGLEY (ACF 092)	8.3	5.7	5.0	8.3	8.3	7.3
BAR SCF 8 FUS3	6.0	6.3	7.0	8.0	8.0	7.2
JASPER II	7.7	6.7	7.0	7.3	7.3	7.2
PICK FF A-97	7.3	7.3	7.3	7.0	7.0	7.2
INVERNESS (PST-47TCR)	5.7	6.7	7.3	7.7	7.7	7.1
QUATRO	7.3	7.0	7.3	7.0	7.0	7.1
SEABREEZE	4.7	5.3	6.0	8.7	8.7	7.0
SR 6000	7.3	6.3	6.3	7.3	7.3	7.0
ASC 172	5.0	5.0	7.3	8.0	8.0	6.9
BANNER III	5.0	5.3	6.3	8.3	8.3	6.9
ABT-CR-2	4.3	6.7	8.0	7.0	7.0	6.7
ASR 049	6.7	6.7	7.0	6.7	6.7	6.7
FLORENTINE	5.0	5.7	6.3	7.7	7.7	6.7
ACF 083	6.7	6.3	6.3	7.0	6.7	6.6
DAWSON E+	6.3	5.3	5.0	7.7	7.7	6.6
ASC 082	3.7	5.7	6.3	7.7	7.7	6.4
ROSE (ASC 087)	5.0	7.0	8.0	6.3	5.7	6.3
SHADEMASTER II	4.0	6.3	7.0	6.3	6.3	6.1
BARGENA III (BAR CF 8 FUS1)	4.7	5.3	6.7	6.3	6.3	5.9
BOREAL	3.3	4.3	5.7	7.3	7.3	5.9
DGSC 94	4.7	5.0	6.7	6.3	6.3	5.9
SALSA	5.3	5.7	6.7	6.0	6.0	5.9
PATHFINDER	3.3	6.0	7.3	6.0	6.0	5.8
PST-4FR	4.3	5.0	6.7	6.3	6.3	5.8
SHADEMARK	4.3	4.3	7.3	6.3	6.3	5.8
COMMON CREEPING RED	3.0	3.3	4.7	7.3	7.3	5.5
LSD VALUE	1.6	1.6	3.3	1.8	1.7	1.4
C.V. (%)	14.5	14.1	16.4	11.7	11.5	14.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI IN 2001.

TABLE 43B. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
AMBROSE (ABT-CHW-3)	9.0	7.3	8.0	8.7	8.7	8.4
ABT-CHW-2	8.3	7.7	6.7	9.0	9.0	8.3
PICK FRC A-93	8.3	7.7	7.7	8.7	8.7	8.3
SR 5100	9.0	7.7	7.0	8.7	8.7	8.3
AMBASSADOR	8.7	7.0	6.7	9.0	9.0	8.2
BRITTANY	8.3	7.7	7.0	8.7	8.7	8.2
MAGIC	8.7	7.3	7.0	8.7	8.7	8.2
CULOMBRA	8.0	7.0	6.3	9.0	9.0	8.1
INTRIGUE	8.0	7.0	6.3	9.0	9.0	8.1
LONGFELLOW II	8.3	7.7	6.3	8.7	8.7	8.1
MB-63	7.3	6.7	7.3	9.0	9.0	8.1
SHADOW II	8.0	7.7	7.7	8.3	8.3	8.1
SANDPIPER	8.3	7.3	7.0	8.3	8.3	7.9
ABT-CHW-1	8.7	7.0	6.3	8.3	8.3	7.8
BRIDGEPORT	8.0	7.0	7.0	8.3	8.3	7.8
JAMESTOWN II	7.0	6.3	6.3	9.0	9.0	7.8
TREAZURE (E)	8.0	6.3	6.3	8.7	8.7	7.8
BAR CHF 8 FUS2	8.3	7.0	5.3	8.3	8.3	7.6
SILHOUETTE (PICK FRC 4-92)	8.3	7.3	6.3	7.7	7.7	7.5
TIFFANY	8.3	7.0	7.3	7.3	7.3	7.4
WRIGLEY (ACF 092)	8.3	5.7	5.0	8.3	8.3	7.3
BANNER III	5.0	5.3	6.3	8.3	8.3	6.9
ACF 083	6.7	6.3	6.3	7.0	6.7	6.6
LSD VALUE	1.2	2.0	4.0	1.7	1.5	2.4
C.V. (%)	9.0	12.1	18.8	8.4	8.2	13.7

TABLE 43C. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
BAR SCF 8 FUS3	6.0	6.3	7.0	8.0	8.0	7.2
SEABREEZE	4.7	5.3	6.0	8.7	8.7	7.0
ASR 049	6.7	6.7	7.0	6.7	6.7	6.7
DAWSON E+	6.3	5.3	5.0	7.7	7.7	6.6
LSD VALUE	1.4	1.9	4.1	3.1	3.1	2.7
C.V. (%)	11.6	14.6	28.8	17.9	17.9	23.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI IN 2001.

TABLE 43D. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
SRX 52961	7.7	7.3	7.7	9.0	9.0	8.3
CINDY LOU (CIS FRR 7)	8.0	7.7	7.7	8.3	8.3	8.1
ABT-CR-3	6.0	6.3	7.7	8.7	8.7	7.7
NAVIGATOR (CIS FRR 5)	6.7	6.7	7.3	8.3	8.3	7.6
ABERDEEN (PST-EFL)	7.0	6.7	7.3	8.0	8.0	7.5
SR 5210 (SRX 52LAV)	4.7	5.7	7.7	8.7	8.7	7.3
JASPER II	7.7	6.7	7.0	7.3	7.3	7.2
INVERNESS (PST-47TCR)	5.7	6.7	7.3	7.7	7.7	7.1
ASC 172	5.0	5.0	7.3	8.0	8.0	6.9
ABT-CR-2	4.3	6.7	8.0	7.0	7.0	6.7
FLORENTINE	5.0	5.7	6.3	7.7	7.7	6.7
ASC 082	3.7	5.7	6.3	7.7	7.7	6.4
ROSE (ASC 087)	5.0	7.0	8.0	6.3	5.7	6.3
SHADEMASTER II	4.0	6.3	7.0	6.3	6.3	6.1
BARGENA III (BAR CF 8 FUS1)	4.7	5.3	6.7	6.3	6.3	5.9
BOREAL	3.3	4.3	5.7	7.3	7.3	5.9
DGSC 94	4.7	5.0	6.7	6.3	6.3	5.9
SALSA	5.3	5.7	6.7	6.0	6.0	5.9
PATHFINDER	3.3	6.0	7.3	6.0	6.0	5.8
PST-4FR	4.3	5.0	6.7	6.3	6.3	5.8
SHADEMARK	4.3	4.3	7.3	6.3	6.3	5.8
COMMON CREEPING RED	3.0	3.3	4.7	7.3	7.3	5.5
LSD VALUE	2.3	2.3	2.7	2.3	2.1	1.8
C.V. (%)	25.8	20.0	15.7	15.3	14.7	20.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI IN 2001.

TABLE 43E. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
BIGHORN	8.3	8.0	8.0	9.0	9.0	8.6
ABT-HF-3	8.3	8.0	7.3	9.0	9.0	8.4
ATTILA E	8.0	7.7	7.7	9.0	9.0	8.4
SRX 3961	8.7	8.3	8.3	8.3	8.3	8.4
MINOTAUR	8.7	7.7	7.7	8.7	8.7	8.3
CHARIOT (CIS FL 12)	8.0	7.7	7.7	8.7	8.7	8.2
EUREKA II (CIS FL 11)	6.7	7.3	8.0	9.0	9.0	8.2
SCALDIS II (AHF 008)	8.0	7.3	8.0	8.7	8.7	8.2
ABT-HF-2	7.3	7.7	7.7	8.7	8.7	8.1
DISCOVERY	8.3	7.7	7.7	8.3	8.3	8.1
HARDTOP (BAR HF 8 FUS)	8.0	8.0	8.3	8.0	8.0	8.1
NORDIC (E)	8.0	7.7	7.7	8.3	8.3	8.1
OXFORD	8.0	7.7	7.7	8.3	8.3	8.1
VIKING (ABT-HF1)	8.3	8.0	7.7	8.0	8.0	8.0
ABT-HF-4	8.0	7.3	6.0	8.7	8.7	7.9
HERON	7.0	8.0	7.7	8.3	8.3	7.9
PST-4HM	8.0	8.0	7.7	8.0	8.0	7.9
RELIANT II	8.0	7.7	7.7	8.0	8.0	7.9
STONEHENGE (AHF 009)	7.3	7.3	7.0	8.3	8.3	7.8
SCALDIS	7.3	7.7	7.0	8.0	8.0	7.7
MB-82	7.7	7.0	6.0	8.3	8.3	7.6
OSPREY	7.3	7.3	7.7	7.7	7.7	7.6
BERKSHIRE (4001)	7.0	7.0	8.0	7.7	7.7	7.5
DEFIANT	7.0	7.0	7.0	8.0	8.0	7.5
RESCUE 911	7.7	7.7	7.7	7.3	7.3	7.5
PICK FF A-97	7.3	7.3	7.3	7.0	7.0	7.2
LSD VALUE	1.5	2.5	3.4	2.6	2.6	1.8
C.V. (%)	8.7	9.2	13.7	10.4	10.4	10.2

TABLE 43F. BROWN PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE 01	JULY 01	AUGUST 01	JUNE 02	AUGUST 02	MEAN
PST-4MB	7.3	7.3	7.7	8.7	8.7	8.1
SR 3200	8.0	7.7	8.0	8.3	8.3	8.1
QUATRO	7.3	7.0	7.3	7.0	7.0	7.1
SR 6000	7.3	6.3	6.3	7.3	7.3	7.0
LSD VALUE	1.1	1.8	2.2	2.9	2.9	1.3
C.V. (%)	6.7	11.3	13.4	16.3	16.3	12.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI IN 2001.

TABLE 44A. BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS  
 AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
EUREKA II (CIS FL 11)	8.3	8.7	8.7	8.6
SRX 3961	8.7	8.3	8.3	8.4
ABT-HF-4	8.3	8.3	8.3	8.3
RESCUE 911	8.3	8.3	8.3	8.3
CHARIOT (CIS FL 12)	8.0	8.3	8.3	8.2
PICK FF A-97	8.0	8.3	8.3	8.2
ABT-HF-3	8.3	8.0	8.0	8.1
PICK FRC A-93	8.3	8.3	7.7	8.1
ABT-HF-2	8.0	8.0	8.0	8.0
ATTILA E	8.3	8.0	7.7	8.0
BERKSHIRE (4001)	8.7	7.7	7.7	8.0
HERON	7.7	8.0	8.3	8.0
VIKING (ABT-HF1)	8.0	7.7	8.0	7.9
QUATRO	7.7	8.0	8.0	7.9
STONEHENGE (AHF 009)	7.7	8.0	8.0	7.9
DISCOVERY	7.7	8.0	7.7	7.8
HARDTOP (BAR HF 8 FUS)	8.0	7.7	7.7	7.8
OXFORD	8.0	7.7	7.7	7.8
BIGHORN	8.0	7.7	7.3	7.7
INTRIGUE	7.7	7.7	7.7	7.7
NORDIC (E)	7.3	7.7	8.0	7.7
RELIANT II	7.3	7.7	8.0	7.7
SCALDIS	7.7	7.7	7.7	7.7
MINOTAUR	7.3	7.7	7.7	7.6
OSPREY	8.0	7.3	7.3	7.6
TREAZURE (E)	8.0	7.3	7.3	7.6
MB-82	7.7	7.3	7.3	7.4
AMBASSADOR	7.3	7.3	7.3	7.3
BRIDGEPORT	7.3	7.3	7.3	7.3
MAGIC	8.0	7.0	7.0	7.3
PST-4HM	7.3	7.3	7.3	7.3
PST-4MB	7.3	7.3	7.3	7.3
SCALDIS II (AHF 008)	7.7	7.3	7.0	7.3
SR 3200	7.3	7.3	7.3	7.3
SR 5100	7.7	7.3	7.0	7.3
SRX 52961	6.7	7.3	7.7	7.2
ABERDEEN (PST-EFL)	6.3	7.3	7.7	7.1
BANNER III	6.7	7.3	7.3	7.1
JASPER II	7.0	7.0	7.3	7.1
NAVIGATOR (CIS FRR 5)	6.7	7.3	7.3	7.1
DEFIANT	7.0	7.0	7.0	7.0
SANDPIPER	7.3	7.0	6.7	7.0
AMBROSE (ABT-CHW-3)	6.7	7.0	7.0	6.9
ABT-CR-3	6.7	7.0	7.0	6.9
CULOMBRA	7.3	6.7	6.7	6.9

TABLE 44A. BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS  
 (CONT'D) AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
TIFFANY	6.7	7.0	7.0	6.9
BRITTANY	7.0	6.7	6.7	6.8
SR 5210 (SRX 52LAV)	6.0	7.0	7.3	6.8
SR 6000	7.3	7.3	5.7	6.8
ABT-CHW-2	7.0	6.7	6.3	6.7
BAR CHF 8 FUS2	7.3	6.3	6.3	6.7
CINDY LOU (CIS FRR 7)	5.7	7.0	7.0	6.6
JAMESTOWN II	6.7	6.3	6.7	6.6
LONGFELLOW II	6.7	6.3	6.3	6.4
SILHOUETTE (PICK FRC 4-92)	6.7	6.3	6.3	6.4
DAWSON E+	6.0	6.7	6.3	6.3
SEABREEZE	6.7	6.3	6.0	6.3
SHADOW II	6.3	6.3	6.3	6.3
WRIGLEY (ACF 092)	6.3	6.3	6.3	6.3
BARGENA III (BAR CF 8 FUS1)	6.0	6.0	6.0	6.0
MB-63	6.3	5.7	5.7	5.9
ACF 083	5.7	5.0	5.0	5.2
BAR SCF 8 FUS3	5.7	5.3	4.7	5.2
ABT-CR-2	4.7	5.0	5.3	5.0
FLORENTINE	4.3	5.3	5.3	5.0
BOREAL	4.7	4.7	5.0	4.8
ASC 172	4.7	4.7	4.7	4.7
COMMON CREEPING RED	4.7	4.7	4.7	4.7
ROSE (ASC 087)	4.3	4.7	4.7	4.6
SHADEMASTER II	3.3	4.0	4.0	3.8
PATHFINDER	3.7	3.7	3.7	3.7
SALSA	3.3	3.7	4.0	3.7
ASC 082	3.7	3.7	3.3	3.6
DGSC 94	2.7	3.7	4.3	3.6
INVERNESS (PST-47TCR)	3.3	3.7	3.7	3.6
PST-4FR	2.0	4.0	3.7	3.2
ASR 049	3.3	3.0	3.0	3.1
SHADEMARK	3.0	2.7	2.7	2.8
ABT-CHW-1	.	.	.	.
LSD VALUE	1.5	1.3	1.3	1.2
C.V. (%)	15.1	13.0	13.1	12.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED IN 2001 ONLY.

4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI.



TABLE 44B. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
PICK FRC A-93	8.3	8.3	7.7	8.1
INTRIGUE	7.7	7.7	7.7	7.7
TREAZURE (E)	8.0	7.3	7.3	7.6
AMBASSADOR	7.3	7.3	7.3	7.3
BRIDGEPORT	7.3	7.3	7.3	7.3
MAGIC	8.0	7.0	7.0	7.3
SR 5100	7.7	7.3	7.0	7.3
BANNER III	6.7	7.3	7.3	7.1
SANDPIPER	7.3	7.0	6.7	7.0
AMBROSE (ABT-CHW-3)	6.7	7.0	7.0	6.9
CULOMBRA	7.3	6.7	6.7	6.9
TIFFANY	6.7	7.0	7.0	6.9
BRITTANY	7.0	6.7	6.7	6.8
ABT-CHW-2	7.0	6.7	6.3	6.7
BAR CHF 8 FUS2	7.3	6.3	6.3	6.7
JAMESTOWN II	6.7	6.3	6.7	6.6
LONGFELLOW II	6.7	6.3	6.3	6.4
SILHOUETTE (PICK FRC 4-92)	6.7	6.3	6.3	6.4
SHADOW II	6.3	6.3	6.3	6.3
WRIGLEY (ACF 092)	6.3	6.3	6.3	6.3
MB-63	6.3	5.7	5.7	5.9
ACF 083	5.7	5.0	5.0	5.2
ABT-CHW-1	.	.	.	.
LSD VALUE	2.2	1.3	1.5	1.4
C.V. (%)	12.8	10.5	10.9	10.3

TABLE 44C. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
DAWSON E+	6.0	6.7	6.3	6.3
SEABREEZE	6.7	6.3	6.0	6.3
BAR SCF 8 FUS3	5.7	5.3	4.7	5.2
ASR 049	3.3	3.0	3.0	3.1
LSD VALUE	4.0	3.5	3.0	3.4
C.V. (%)	33.1	30.5	28.1	29.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED IN 2001 ONLY.

4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI.

TABLE 44D. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
 AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
SRX 52961	6.7	7.3	7.7	7.2
ABERDEEN (PST-EFL)	6.3	7.3	7.7	7.1
JASPER II	7.0	7.0	7.3	7.1
NAVIGATOR (CIS FRR 5)	6.7	7.3	7.3	7.1
ABT-CR-3	6.7	7.0	7.0	6.9
SR 5210 (SRX 52LAV)	6.0	7.0	7.3	6.8
CINDY LOU (CIS FRR 7)	5.7	7.0	7.0	6.6
BARGENA III (BAR CF 8 FUS1)	6.0	6.0	6.0	6.0
ABT-CR-2	4.7	5.0	5.3	5.0
FLORENTINE	4.3	5.3	5.3	5.0
BOREAL	4.7	4.7	5.0	4.8
ASC 172	4.7	4.7	4.7	4.7
COMMON CREEPING RED	4.7	4.7	4.7	4.7
ROSE (ASC 087)	4.3	4.7	4.7	4.6
SHADEMASTER II	3.3	4.0	4.0	3.8
PATHFINDER	3.7	3.7	3.7	3.7
SALSA	3.3	3.7	4.0	3.7
ASC 082	3.7	3.7	3.3	3.6
DGSC 94	2.7	3.7	4.3	3.6
INVERNESS (PST-47TCR)	3.3	3.7	3.7	3.6
PST-4FR	2.0	4.0	3.7	3.2
SHADEMARK	3.0	2.7	2.7	2.8
LSD VALUE	1.9	1.8	1.8	1.7
C.V. (%)	24.5	21.1	21.5	20.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH RATED IN 2001 ONLY.
- 4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI.

TABLE 44E. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS  
 AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA  
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
EUREKA II (CIS FL 11)	8.3	8.7	8.7	8.6
SRX 3961	8.7	8.3	8.3	8.4
ABT-HF-4	8.3	8.3	8.3	8.3
RESCUE 911	8.3	8.3	8.3	8.3
CHARIOT (CIS FL 12)	8.0	8.3	8.3	8.2
PICK FF A-97	8.0	8.3	8.3	8.2
ABT-HF-3	8.3	8.0	8.0	8.1
ABT-HF-2	8.0	8.0	8.0	8.0
ATTILA E	8.3	8.0	7.7	8.0
BERKSHIRE (4001)	8.7	7.7	7.7	8.0
HERON	7.7	8.0	8.3	8.0
VIKING (ABT-HF1)	8.0	7.7	8.0	7.9
STONEHENGE (AHF 009)	7.7	8.0	8.0	7.9
DISCOVERY	7.7	8.0	7.7	7.8
HARDTOP (BAR HF 8 FUS)	8.0	7.7	7.7	7.8
OXFORD	8.0	7.7	7.7	7.8
BIGHORN	8.0	7.7	7.3	7.7
NORDIC (E)	7.3	7.7	8.0	7.7
RELIANT II	7.3	7.7	8.0	7.7
SCALDIS	7.7	7.7	7.7	7.7
MINOTAUR	7.3	7.7	7.7	7.6
OSPREY	8.0	7.3	7.3	7.6
MB-82	7.7	7.3	7.3	7.4
PST-4HM	7.3	7.3	7.3	7.3
SCALDIS II (AHF 008)	7.7	7.3	7.0	7.3
DEFIANT	7.0	7.0	7.0	7.0
LSD VALUE	1.5	1.1	1.3	1.1
C.V. (%)	7.5	6.5	7.4	6.1

TABLE 44F. BROWN PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
 AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA  
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	JUNE	JULY	AUGUST	MEAN
QUATRO	7.7	8.0	8.0	7.9
PST-4MB	7.3	7.3	7.3	7.3
SR 3200	7.3	7.3	7.3	7.3
SR 6000	7.3	7.3	5.7	6.8
LSD VALUE	2.4	0.6	2.1	1.1
C.V. (%)	13.5	3.8	13.9	6.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH RATED IN 2001 ONLY.
- 4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI.

TABLE 45A.

NET BLOTCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2	NAME	NJ2
DISCOVERY	8.0	NORDIC (E)	5.7
VIKING (ABT-HF1)	7.7	ABERDEEN (PST-EFL)	5.7
BIGHORN	7.3	RESCUE 911	5.7
EUREKA II (CIS FL 11)	7.3	AMBROSE (ABT-CHW-3)	5.5
SRX 3961	7.3	ABT-CR-2	5.3
ABT-HF-4	7.0	ASR 049	5.3
LONGFELLOW II	7.0	CULOMBRA	5.3
SCALDIS	7.0	FLORENTINE	5.3
SCALDIS II (AHF 008)	7.0	INTRIGUE	5.3
ABT-HF-2	6.7	PST-4FR	5.3
ATTILA E	6.7	SHADEMASTER II	5.3
HARDTOP (BAR HF 8 FUS)	6.7	SR 5100	5.3
HERON	6.7	ABT-CR-3	5.0
MAGIC	6.7	WRIGLEY (ACF 092)	5.0
OSPREY	6.7	BRITTANY	5.0
OXFORD	6.7	DEFIANT	5.0
PST-4MB	6.7	SILHOUETTE (PICK FRC 4-92)	5.0
SR 3200	6.7	SANDPIPER	5.0
BERKSHIRE (4001)	6.3	SRX 52961	5.0
ABT-CHW-1	6.3	PATHFINDER	4.7
PICK FF A-97	6.3	INVERNESS (PST-47TCR)	4.7
RELIANT II	6.3	SALSA	4.7
SHADOW II	6.3	ACF 083	4.3
TREAZURE (E)	6.3	BRIDGEPORT	4.3
ABT-HF-3	6.0	NAVIGATOR (CIS FRR 5)	4.3
BANNER III	6.0	JAMESTOWN II	4.3
BAR CHF 8 FUS2	6.0	JASPER II	4.3
BAR SCF 8 FUS3	6.0	SHADEMARK	4.3
CHARIOT (CIS FL 12)	6.0	SR 6000	4.3
MB-82	6.0	ASC 082	4.0
MINOTAUR	6.0	BOREAL	3.7
PICK FRC A-93	6.0	ROSE (ASC 087)	3.3
PST-4HM	6.0	DAWSON E+	3.3
QUATRO	6.0	DGSC 94	3.3
SEABREEZE	6.0	SR 5210 (SRX 52LAV)	3.3
TIFFANY	6.0	BARGENA III (BAR CF 8 FUS1)	3.0
ABT-CHW-2	5.7	COMMON CREEPING RED	3.0
STONEHENGE (AHF 009)	5.7	ASC 172	2.0
AMBASSADOR	5.7		
CINDY LOU (CIS FRR 7)	5.7	LSD VALUE	1.6
MB-63	5.7	C.V. (%)	17.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ NET BLOTCH RATED IN 1999 ONLY.

TABLE 45B. NET BLOTCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2
LONGFELLOW II	7.0
MAGIC	6.7
ABT-CHW-1	6.3
SHADOW II	6.3
TREAZURE (E)	6.3
BANNER III	6.0
BAR CHF 8 FUS2	6.0
PICK FRC A-93	6.0
PST-4HM	6.0
TIFFANY	6.0
ABT-CHW-2	5.7
AMBASSADOR	5.7
MB-63	5.7
AMBROSE (ABT-CHW-3)	5.5
CULOMBRA	5.3
INTRIGUE	5.3
SR 5100	5.3
WRIGLEY (ACF 092)	5.0
BRITTANY	5.0
SILHOUETTE (PICK FRC 4-92)	5.0
SANDPIPER	5.0
ACF 083	4.3
BRIDGEPORT	4.3
JAMESTOWN II	4.3
LSD VALUE	1.4
C.V. (%)	15.0

TABLE 45C. NET BLOTCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2
BAR SCF 8 FUS3	6.0
SEABREEZE	6.0
ASR 049	5.3
DAWSON E+	3.3
LSD VALUE	1.3
C.V. (%)	15.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ NET BLOTCH RATED IN 1999 ONLY.

TABLE 45D. NET BLOTCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2
CINDY LOU (CIS FRR 7)	5.7
ABERDEEN (PST-EFL)	5.7
ABT-CR-2	5.3
FLORENTINE	5.3
PST-4FR	5.3
SHADEMASTER II	5.3
ABT-CR-3	5.0
SRX 52961	5.0
PATHFINDER	4.7
INVERNESS (PST-47TCR)	4.7
SALSA	4.7
NAVIGATOR (CIS FRR 5)	4.3
JASPER II	4.3
SHADEMARK	4.3
ASC 082	4.0
BOREAL	3.7
ROSE (ASC 087)	3.3
DGSC 94	3.3
SR 5210 (SRX 52LAV)	3.3
BARGENA III (BAR CF 8 FUS1)	3.0
COMMON CREEPING RED	3.0
ASC 172	2.0
LSD VALUE	1.9
C.V. (%)	27.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ NET BLOTCH RATED IN 1999 ONLY.

TABLE 45E. NET BLOTCH RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2
DISCOVERY	8.0
VIKING (ABT-HF1)	7.7
BIGHORN	7.3
EUREKA II (CIS FL 11)	7.3
SRX 3961	7.3
ABT-HF-4	7.0
SCALDIS	7.0
SCALDIS II (AHF 008)	7.0
ABT-HF-2	6.7
ATTILA E	6.7
HARDTOP (BAR HF 8 FUS)	6.7
HERON	6.7
OSPREY	6.7
OXFORD	6.7
BERKSHIRE (4001)	6.3
PICK FF A-97	6.3
RELIANT II	6.3
ABT-HF-3	6.0
CHARIOT (CIS FL 12)	6.0
MB-82	6.0
STONEHENGE (AHF 009)	5.7
NORDIC (E)	5.7
RESCUE 911	5.7
DEFIANT	5.0
LSD VALUE	1.5
C.V. (%)	14.0

TABLE 45F. NET BLOTCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	NJ2
PST-4MB	6.7
SR 3200	6.7
MINOTAUR	6.0
QUATRO	6.0
SR 6000	4.3
LSD VALUE	1.8
C.V. (%)	18.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ NET BLOTCH RATED IN 1999 ONLY.

TABLE 46A. OVERALL DISEASE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1	NAME	MI1
QUATRO	6.0	SCALDIS	3.3
SR 6000	6.0	SHADOW II	3.3
BAR CHF 8 FUS2	5.7	SRX 52961	3.3
COMMON CREEPING RED	5.7	SR 5210 (SRX 52LAV)	3.3
SANDPIPER	5.7	ATTILA E	3.0
JAMESTOWN II	5.3	BIGHORN	3.0
MB-63	5.3	FLORENTINE	3.0
TIFFANY	5.3	JASPER II	3.0
BANNER III	5.0	AMBROSE (ABT-CHW-3)	2.7
BOREAL	5.0	ABT-CR-2	2.7
BRITTANY	5.0	ABT-HF-2	2.7
CULOMBRA	5.0	ABT-HF-3	2.7
ACF 083	4.7	EUREKA II (CIS FL 11)	2.7
DISCOVERY	4.7	CINDY LOU (CIS FRR 7)	2.7
SEABREEZE	4.7	LONGFELLOW II	2.7
SHADEMARK	4.7	PICK FRC A-93	2.7
DEFIANT	4.3	SR 3200	2.7
DGSC 94	4.3	BERKSHIRE (4001)	2.3
SILHOUETTE (PICK FRC 4-92)	4.3	ABT-CHW-2	2.3
PST-4FR	4.3	BAR SCF 8 FUS3	2.3
SHADEMASTER II	4.3	INTRIGUE	2.3
ABT-CR-3	4.0	CHARIOT (CIS FL 12)	2.3
ROSE (ASC 087)	4.0	OSPREY	2.3
ASC 172	4.0	ABERDEEN (PST-EFL)	2.3
MAGIC	4.0	RELIANT II	2.3
PATHFINDER	4.0	ABT-HF-4	2.0
RESCUE 911	4.0	VIKING (ABT-HF1)	2.0
SALSA	4.0	STONEHENGE (AHF 009)	2.0
ABT-CHW-1	3.7	AMBASSADOR	2.0
WRIGLEY (ACF 092)	3.7	ASR 049	2.0
ASC 082	3.7	DAWSON E+	2.0
NORDIC (E)	3.7	NAVIGATOR (CIS FRR 5)	2.0
OXFORD	3.7	MB-82	2.0
SCALDIS II (AHF 008)	3.7	PST-4MB	2.0
BARGENA III (BAR CF 8 FUS1)	3.3	SR 5100	2.0
HARDTOP (BAR HF 8 FUS)	3.3	SRX 3961	2.0
BRIDGEPORT	3.3	TREAZURE (E)	2.0
HERON	3.3	MINOTAUR	1.3
PICK FF A-97	3.3		
INVERNESS (PST-47TCR)	3.3	LSD VALUE	1.9
PST-4HM	3.3	C.V. (%)	33.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ OVERALL DISEASE RATED IN 1999 ONLY.



TABLE 46B. OVERALL DISEASE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1
BAR CHF 8 FUS2	5.7
SANDPIPER	5.7
JAMESTOWN II	5.3
MB-63	5.3
TIFFANY	5.3
BANNER III	5.0
BRITTANY	5.0
CULOMBRA	5.0
ACF 083	4.7
SILHOUETTE (PICK FRC 4-92)	4.3
MAGIC	4.0
ABT-CHW-1	3.7
WRIGLEY (ACF 092)	3.7
BRIDGEPORT	3.3
PST-4HM	3.3
SHADOW II	3.3
AMBROSE (ABT-CHW-3)	2.7
LONGFELLOW II	2.7
PICK FRC A-93	2.7
ABT-CHW-2	2.3
INTRIGUE	2.3
AMBASSADOR	2.0
SR 5100	2.0
TREAZURE (E)	2.0
LSD VALUE	1.9
C.V. (%)	30.7

TABLE 46C. OVERALL DISEASE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1
SEABREEZE	4.7
BAR SCF 8 FUS3	2.3
ASR 049	2.0
DAWSON E+	2.0
LSD VALUE	1.9
C.V. (%)	43.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ OVERALL DISEASE RATED IN 1999 ONLY.

TABLE 46D. OVERALL DISEASE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1
COMMON CREEPING RED	5.7
BOREAL	5.0
SHADEMARK	4.7
DGSC 94	4.3
PST-4FR	4.3
SHADEMASTER II	4.3
ABT-CR-3	4.0
ROSE (ASC 087)	4.0
ASC 172	4.0
PATHFINDER	4.0
SALSA	4.0
ASC 082	3.7
BARGENA III (BAR CF 8 FUS1)	3.3
INVERNESS (PST-47TCR)	3.3
SRX 52961	3.3
SR 5210 (SRX 52LAV)	3.3
FLORENTINE	3.0
JASPER II	3.0
ABT-CR-2	2.7
CINDY LOU (CIS FRR 7)	2.7
ABERDEEN (PST-EFL)	2.3
NAVIGATOR (CIS FRR 5)	2.0
LSD VALUE	2.1
C.V. (%)	35.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ OVERALL DISEASE RATED IN 1999 ONLY.

TABLE 46E. OVERALL DISEASE RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1
DISCOVERY	4.7
DEFIANT	4.3
RESCUE 911	4.0
NORDIC (E)	3.7
OXFORD	3.7
SCALDIS II (AHF 008)	3.7
HARDTOP (BAR HF 8 FUS)	3.3
HERON	3.3
PICK FF A-97	3.3
SCALDIS	3.3
ATTLA E	3.0
BIGHORN	3.0
ABT-HF-2	2.7
ABT-HF-3	2.7
EUREKA II (CIS FL 11)	2.7
BERKSHIRE (4001)	2.3
CHARIOT (CIS FL 12)	2.3
OSPREY	2.3
RELIANT II	2.3
ABT-HF-4	2.0
VIKING (ABT-HF1)	2.0
STONEHENGE (AHF 009)	2.0
MB-82	2.0
SRX 3961	2.0
LSD VALUE	1.7
C.V. (%)	36.9

TABLE 46F. OVERALL DISEASE RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

OVERALL DISEASE RATINGS 1-9; 9=LEAST DISEASE 2/ 3/

NAME	MI1
QUATRO	6.0
SR 6000	6.0
SR 3200	2.7
PST-4MB	2.0
MINOTAUR	1.3
LSD VALUE	1.4
C.V. (%)	23.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ OVERALL DISEASE RATED IN 1999 ONLY.

TABLE 47A. RED THREAD/PINK PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	NAME	PA1
VIKING (ABT-HF1)	8.0	MB-63	5.7
RESCUE 911	8.0	SHADEMASTER II	5.7
DISCOVERY	7.7	WRIGLEY (ACF 092)	5.7
NORDIC (E)	7.7	ABT-CHW-2	5.3
OXFORD	7.7	ABT-CR-2	5.3
SRX 3961	7.7	ABT-CR-3	5.3
ABT-HF-3	7.3	ASC 082	5.3
BERKSHIRE (4001)	7.3	BANNER III	5.3
CHARIOT (CIS FL 12)	7.3	INVERNESS (PST-47TCR)	5.3
PST-4HM	7.3	JASPER II	5.3
SR 6000	7.3	LONGFELLOW II	5.3
ABT-HF-2	7.0	PICK FRC A-93	5.3
ABT-HF-4	7.0	SHADEMARK	5.3
HERON	7.0	TIFFANY	5.3
MINOTAUR	7.0	ABT-CHW-1	5.0
PST-4MB	7.0	AMBROSE (ABT-CHW-3)	5.0
ATTILA E	6.7	BAR CHF 8 FUS2	5.0
BIGHORN	6.7	BAR SCF 8 FUS3	5.0
CINDY LOU (CIS FRR 7)	6.7	BRITTANY	5.0
EUREKA II (CIS FL 11)	6.7	DAWSON E+	5.0
SR 3200	6.7	FLORENTINE	5.0
HARDTOP (BAR HF 8 FUS)	6.3	PATHFINDER	5.0
MB-82	6.3	ROSE (ASC 087)	5.0
NAVIGATOR (CIS FRR 5)	6.3	SILHOUETTE (PICK FRC 4-92)	5.0
OSPREY	6.3	ASC 172	4.7
PICK FF A-97	6.3	BOREAL	4.7
QUATRO	6.3	BRIDGEPORT	4.7
SCALDIS II (AHF 008)	6.3	COMMON CREEPING RED	4.7
SHADOW II	6.3	CULOMBRA	4.7
STONEHENGE (AHF 009)	6.3	JAMESTOWN II	4.7
ABERDEEN (PST-EFL)	6.0	MAGIC	4.7
AMBASSADOR	6.0	SANDPIPER	4.7
ASR 049	6.0	BARGENA III (BAR CF 8 FUS1)	4.3
DEFIANT	6.0	SEABREEZE	4.3
INTRIGUE	6.0	ACF 083	4.0
RELIANT II	6.0	PST-4FR	4.0
SCALDIS	6.0	SR 5210 (SRX 52LAV)	4.0
SR 5100	6.0	SALSA	3.0
SRX 52961	6.0		
TREAZURE (E)	6.0	LSD VALUE	1.2
DGSC 94	5.7	C.V. (%)	12.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD/PINK PATCH RATED IN 2000 ONLY.

TABLE 47B. RED THREAD/PINK PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1
SHADOW II	6.3
AMBASSADOR	6.0
INTRIGUE	6.0
SR 5100	6.0
TREAZURE (E)	6.0
MB-63	5.7
WRIGLEY (ACF 092)	5.7
ABT-CHW-2	5.3
BANNER III	5.3
LONGFELLOW II	5.3
PICK FRC A-93	5.3
TIFFANY	5.3
ABT-CHW-1	5.0
AMBROSE (ABT-CHW-3)	5.0
BAR CHF 8 FUS2	5.0
BRITTANY	5.0
SILHOUETTE (PICK FRC 4-92)	5.0
BRIDGEPORT	4.7
CULOMBRA	4.7
JAMESTOWN II	4.7
MAGIC	4.7
SANDPIPER	4.7
ACF 083	4.0
LSD VALUE	1.3
C.V. (%)	15.6

TABLE 47C. RED THREAD/PINK PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1
ASR 049	6.0
BAR SCF 8 FUS3	5.0
DAWSON E+	5.0
SEABREEZE	4.3
LSD VALUE	1.2
C.V. (%)	15.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD/PINK PATCH RATED IN 2000 ONLY.

TABLE 47D. RED THREAD/PINK PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1
CINDY LOU (CIS FRR 7)	6.7
NAVIGATOR (CIS FRR 5)	6.3
ABERDEEN (PST-EFL)	6.0
SRX 52961	6.0
DGSC 94	5.7
SHADEMASTER II	5.7
ABT-CR-2	5.3
ABT-CR-3	5.3
ASC 082	5.3
INVERNESS (PST-47TCR)	5.3
JASPER II	5.3
SHADEMARK	5.3
FLORENTINE	5.0
PATHFINDER	5.0
ROSE (ASC 087)	5.0
ASC 172	4.7
BOREAL	4.7
COMMON CREEPING RED	4.7
BARGENA III (BAR CF 8 FUS1)	4.3
PST-4FR	4.0
SR 5210 (SRX 52LAV)	4.0
SALSA	3.0
LSD VALUE	1.4
C.V. (%)	17.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD/PINK PATCH RATED IN 2000 ONLY.

TABLE 47E. RED THREAD/PINK PATCH RATINGS OF HARD FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1
VIKING (ABT-HF1)	8.0
RESCUE 911	8.0
DISCOVERY	7.7
NORDIC (E)	7.7
OXFORD	7.7
SRX 3961	7.7
ABT-HF-3	7.3
BERKSHIRE (4001)	7.3
CHARIOT (CIS FL 12)	7.3
PST-4HM	7.3
ABT-HF-2	7.0
ABT-HF-4	7.0
HERON	7.0
MINOTAUR	7.0
ATTILA E	6.7
BIGHORN	6.7
EUREKA II (CIS FL 11)	6.7
HARDTOP (BAR HF 8 FUS)	6.3
MB-82	6.3
OSPREY	6.3
PICK FF A-97	6.3
SCALDIS II (AHF 008)	6.3
STONEHENGE (AHF 009)	6.3
DEFIANT	6.0
RELIANT II	6.0
SCALDIS	6.0
LSD VALUE	0.8
C.V. (%)	7.3

TABLE 47F. RED THREAD/PINK PATCH RATINGS OF OTHER FINELEAF FESCUE CULTIVARS 1/  
1999-2002 DATA

RED THREAD/PINK PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1
SR 6000	7.3
PST-4MB	7.0
SR 3200	6.7
QUATRO	6.3
LSD VALUE	1.6
C.V. (%)	14.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD/PINK PATCH RATED IN 2000 ONLY.

TABLE 48A.

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS  
AT ORONO (LOW INPUT), ME 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN	NAME	JULY	OCTOBER	MEAN
ABT-HF-4	7.3	8.7	8.0	MB-63	4.7	8.7	6.7
SRX 3961	7.3	8.7	8.0	SR 5210 (SRX 52LAV)	5.0	8.3	6.7
ABT-CHW-1	7.0	8.7	7.8	STONEHENGE (AHF 009)	5.0	8.3	6.7
AMBROSE (ABT-CHW-3)	7.7	8.0	7.8	AMBASSADOR	5.0	8.0	6.5
PST-4HM	6.7	9.0	7.8	ATTILA E	4.7	8.3	6.5
SRX 52961	6.7	9.0	7.8	MB-82	6.0	7.0	6.5
ABT-HF-2	6.7	8.7	7.7	RELIANT II	5.7	7.3	6.5
BAR CHF 8 FUS2	6.3	9.0	7.7	SR 5100	7.0	6.0	6.5
BRIDGEPORT	7.0	8.3	7.7	SEABREEZE	5.7	7.0	6.3
FLORENTINE	7.3	8.0	7.7	ASC 082	5.0	7.3	6.2
QUATRO	7.0	8.3	7.7	BANNER III	5.3	7.0	6.2
CINDY LOU (CIS FRR 7)	7.0	8.0	7.5	PATHFINDER	6.0	6.3	6.2
EUREKA II (CIS FL 11)	7.3	7.7	7.5	SCALDIS	5.3	7.0	6.2
MINOTAUR	6.7	8.3	7.5	SHADEMASTER II	4.7	7.7	6.2
NAVIGATOR (CIS FRR 5)	6.7	8.3	7.5	TIFFANY	4.0	8.3	6.2
CULOMBRA	7.0	7.7	7.3	BOREAL	5.3	6.7	6.0
OSPREY	6.7	8.0	7.3	JASPER II	4.0	8.0	6.0
ABT-CHW-2	7.0	7.3	7.2	MAGIC	4.3	7.7	6.0
ABT-CR-3	6.7	7.7	7.2	SILHOUETTE (PICK FRC 4-92)	4.7	7.3	6.0
BIGHORN	6.7	7.7	7.2	SR 6000	4.7	7.3	6.0
LONGFELLOW II	6.0	8.3	7.2	BAR SCF 8 FUS3	4.7	7.0	5.8
NORDIC (E)	7.0	7.3	7.2	COMMON CREEPING RED	5.3	6.3	5.8
PST-4MB	6.3	8.0	7.2	DAWSON E+	4.3	7.3	5.8
SR 3200	6.0	8.3	7.2	HARDTOP (BAR HF 8 FUS)	5.0	6.7	5.8
VIKING (ABT-HF1)	6.3	7.7	7.0	INVERNESS (PST-47TCR)	4.3	7.3	5.8
ACF 083	5.7	8.3	7.0	ROSE (ASC 087)	4.0	7.7	5.8
BERKSHIRE (4001)	6.7	7.3	7.0	SANDPIPER	6.3	5.3	5.8
OXFORD	5.0	9.0	7.0	SCALDIS II (AHF 008)	3.7	8.0	5.8
PICK FF A-97	6.3	7.7	7.0	SHADOW II	4.3	7.3	5.8
ABT-HF-3	6.0	7.7	6.8	ABT-CR-2	5.0	6.3	5.7
BARGENA III (BAR CF 8 FUS1)	5.7	8.0	6.8	ASR 049	5.7	5.7	5.7
CHARIOT (CIS FL 12)	6.7	7.0	6.8	BRITTANY	4.0	7.0	5.5
DEFIANT	5.7	8.0	6.8	WRIGLEY (ACF 092)	3.7	7.3	5.5
HERON	6.3	7.3	6.8	ABERDEEN (PST-EFL)	4.0	6.7	5.3
PICK FRC A-93	5.3	8.3	6.8	ASC 172	4.0	6.7	5.3
PST-4FR	5.0	8.7	6.8	RESCUE 911	4.3	6.0	5.2
SALSA	6.0	7.7	6.8	SHADEMARK	3.3	7.0	5.2
TREAZURE (E)	5.7	8.0	6.8	DGSC 94	3.7	6.0	4.8
DISCOVERY	6.0	7.3	6.7				
INTRIGUE	5.3	8.0	6.7	LSO VALUE	13.8	6.6	8.2
JAMESTOWN II	5.7	7.7	6.7	C.V. (%)	42.7	19.3	23.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 2001 ONLY.



TABLE 48B. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT ORONO (LOW INPUT), ME 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN
ABT-CHW-1	7.0	8.7	7.8
AMBROSE (ABT-CHW-3)	7.7	8.0	7.8
BAR CHF 8 FUS2	6.3	9.0	7.7
BRIDGEPORT	7.0	8.3	7.7
CULOMBRA	7.0	7.7	7.3
ABT-CHW-2	7.0	7.3	7.2
LONGFELLOW II	6.0	8.3	7.2
ACF 083	5.7	8.3	7.0
PICK FRC A-93	5.3	8.3	6.8
TREAZURE (E)	5.7	8.0	6.8
INTRIGUE	5.3	8.0	6.7
JAMESTOWN II	5.7	7.7	6.7
MB-63	4.7	8.7	6.7
AMBASSADOR	5.0	8.0	6.5
SR 5100	7.0	6.0	6.5
BANNER III	5.3	7.0	6.2
TIFFANY	4.0	8.3	6.2
MAGIC	4.3	7.7	6.0
SILHOUETTE (PICK FRC 4-92)	4.7	7.3	6.0
SANDPIPER	6.3	5.3	5.8
SHADOW II	4.3	7.3	5.8
BRITTANY	4.0	7.0	5.5
WRIGLEY (ACF 092)	3.7	7.3	5.5
LSD VALUE	8.8	4.2	5.8
C.V. (%)	44.0	18.5	23.8

TABLE 48C. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT ORONO (LOW INPUT), ME 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN
SEABREEZE	5.7	7.0	6.3
BAR SCF 8 FUS3	4.7	7.0	5.8
DAWSON E+	4.3	7.3	5.8
ASR 049	5.7	5.7	5.7
LSD VALUE	3.8	4.4	1.8
C.V. (%)	32.6	28.3	13.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 2001 ONLY.

TABLE 48D. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
AT ORONO (LOW INPUT), ME 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN
SRX 52961	6.7	9.0	7.8
FLORENTINE	7.3	8.0	7.7
CINDY LOU (CIS FRR 7)	7.0	8.0	7.5
NAVIGATOR (CIS FRR 5)	6.7	8.3	7.5
ABT-CR-3	6.7	7.7	7.2
BARGENA III (BAR CF 8 FUS1)	5.7	8.0	6.8
PST-4FR	5.0	8.7	6.8
SALSA	6.0	7.7	6.8
SR 5210 (SRX 52LAV)	5.0	8.3	6.7
ASC 082	5.0	7.3	6.2
PATHFINDER	6.0	6.3	6.2
SHADEMASTER II	4.7	7.7	6.2
BOREAL	5.3	6.7	6.0
JASPER II	4.0	8.0	6.0
COMMON CREEPING RED	5.3	6.3	5.8
INVERNESS (PST-47TCR)	4.3	7.3	5.8
ROSE (ASC 087)	4.0	7.7	5.8
ABT-CR-2	5.0	6.3	5.7
ABERDEEN (PST-EFL)	4.0	6.7	5.3
ASC 172	4.0	6.7	5.3
SHADEMARK	3.3	7.0	5.2
DGSC 94	3.7	6.0	4.8
LSD VALUE	7.3	5.1	4.4
C.V. (%)	42.8	21.2	23.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 2001 ONLY.

TABLE 48E. RED THREAD RATINGS OF HARD FESCUE CULTIVARS  
 AT ORONO (LOW INPUT), ME 1/  
 1999-2002 DATA  
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN
ABT-HF-4	7.3	8.7	8.0
SRX 3961	7.3	8.7	8.0
PST-4HM	6.7	9.0	7.8
ABT-HF-2	6.7	8.7	7.7
EUREKA II (CIS FL 11)	7.3	7.7	7.5
MINOTAUR	6.7	8.3	7.5
OSPREY	6.7	8.0	7.3
BIGHORN	6.7	7.7	7.2
NORDIC (E)	7.0	7.3	7.2
VIKING (ABT-HF1)	6.3	7.7	7.0
BERKSHIRE (4001)	6.7	7.3	7.0
OXFORD	5.0	9.0	7.0
PICK FF A-97	6.3	7.7	7.0
ABT-HF-3	6.0	7.7	6.8
CHARIOT (CIS FL 12)	6.7	7.0	6.8
DEFIANT	5.7	8.0	6.8
HERON	6.3	7.3	6.8
DISCOVERY	6.0	7.3	6.7
STONEHENGE (AHF 009)	5.0	8.3	6.7
ATTILA E	4.7	8.3	6.5
MB-82	6.0	7.0	6.5
RELIANT II	5.7	7.3	6.5
SCALDIS	5.3	7.0	6.2
HARDTOP (BAR HF 8 FUS)	5.0	6.7	5.8
SCALDIS II (AHF 008)	3.7	8.0	5.8
RESCUE 911	4.3	6.0	5.2
LSD VALUE	10.5	4.7	6.6
C.V. (%)	41.9	17.9	23.8

TABLE 48F. RED THREAD RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
 AT ORONO (LOW INPUT), ME 1/  
 1999-2002 DATA  
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	OCTOBER	MEAN
QUATRO	7.0	8.3	7.7
PST-4MB	6.3	8.0	7.2
SR 3200	6.0	8.3	7.2
SR 6000	4.7	7.3	6.0
LSD VALUE	2.0	1.9	1.7
C.V. (%)	15.7	10.2	10.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 2001 ONLY.

TABLE 49A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS  
 AT BLACKSBURG, VA 1/  
 1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
HARDTOP (BAR HF 8 FUS)	7.3	9.0	7.0	7.0	7.6
RESCUE 911	8.0	8.3	7.3	6.7	7.6
ABT-HF-2	7.3	8.0	7.0	7.3	7.4
BERKSHIRE (4001)	7.0	7.7	7.3	7.3	7.3
OXFORD	7.7	8.3	6.7	6.3	7.3
PICK FF A-97	7.3	8.7	6.7	6.7	7.3
EUREKA II (CIS FL 11)	7.3	8.0	6.7	6.7	7.2
RELIANT II	7.7	8.3	6.7	6.0	7.2
STONEHENGE (AHF 009)	7.7	8.0	6.3	6.7	7.2
ABT-HF-4	7.0	7.3	7.0	7.0	7.1
VIKING (ABT-HF1)	7.0	9.0	6.3	6.0	7.1
OSPREY	7.3	8.0	6.7	6.3	7.1
BIGHORN	6.7	7.3	6.7	7.3	7.0
PICK FRC A-93	6.0	8.7	6.7	6.7	7.0
PST-4MB	7.3	8.7	6.3	5.7	7.0
ABT-CHW-2	6.0	8.3	6.3	7.0	6.9
INTRIGUE	7.0	8.0	6.3	6.3	6.9
AMBASSADOR	5.7	8.3	6.7	6.3	6.8
ATTILA E	6.7	6.7	6.7	7.0	6.8
CHARIOT (CIS FL 12)	7.0	7.3	6.3	6.7	6.8
CINDY LOU (CIS FRR 7)	6.0	8.7	6.0	6.7	6.8
LONGFELLOW II	5.3	8.3	6.7	7.0	6.8
NORDIC (E)	7.7	8.0	5.3	6.0	6.8
SRX 3961	7.0	6.7	6.7	6.7	6.8
ABT-HF-3	7.7	6.7	5.7	6.7	6.7
PST-4HM	7.7	7.0	6.0	6.0	6.7
TREAZURE (E)	5.7	8.7	6.3	6.0	6.7
ABT-CR-3	6.0	9.0	6.0	5.3	6.6
DISCOVERY	7.7	7.0	6.0	5.7	6.6
MINOTAUR	7.0	6.0	7.0	6.3	6.6
QUATRO	7.3	5.3	6.7	7.0	6.6
ABERDEEN (PST-EFL)	5.7	8.3	6.3	5.7	6.5
BRITTANY	6.0	8.0	6.0	6.0	6.5
HERON	6.7	6.3	6.3	6.7	6.5
MB-82	6.7	7.7	5.7	5.7	6.4
NAVIGATOR (CIS FRR 5)	5.7	8.7	5.7	5.7	6.4
SHADOW II	5.7	8.0	6.3	5.7	6.4
DEFIANT	7.0	7.0	6.0	5.3	6.3
SCALDIS II (AHF 008)	7.3	6.0	6.3	5.7	6.3
SILHOUETTE (PICK FRC 4-92)	5.3	8.0	6.0	5.7	6.3
SR 3200	7.0	6.0	6.0	6.0	6.3
SR 6000	8.7	1.7	7.7	7.3	6.3
SRX 52961	5.3	8.3	5.7	5.7	6.3
AMBROSE (ABT-CHW-3)	5.0	7.0	6.7	6.0	6.2
JASPER II	5.0	8.7	5.3	5.7	6.2

TABLE 49A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS  
 (CONT'D) AT BLACKSBURG, VA 1/  
 1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
MAGIC	5.7	7.7	5.7	5.7	6.2
SANDPIPER	5.0	7.3	6.3	6.0	6.2
SCALDIS	7.7	6.7	5.3	5.0	6.2
JAMESTOWN II	6.3	7.0	6.0	5.0	6.1
SR 5100	5.0	8.0	5.7	5.3	6.0
TIFFANY	4.3	7.7	6.3	5.7	6.0
WRIGLEY (ACF 092)	6.0	6.7	5.3	6.0	6.0
ABT-CHW-1	5.7	6.0	6.0	5.7	5.8
ABT-CR-2	4.3	8.0	6.0	5.0	5.8
BAR CHF 8 FUS2	5.0	7.0	6.3	5.0	5.8
BRIDGEPORT	6.0	7.7	5.3	4.3	5.8
CULOMBRA	4.3	7.7	5.7	5.7	5.8
PATHFINDER	5.0	8.0	5.0	4.7	5.7
ASC 172	4.3	7.7	5.3	5.0	5.6
ASR 049	5.3	2.7	7.3	7.0	5.6
DGSC 94	4.0	8.7	5.0	4.7	5.6
MB-63	4.7	8.0	5.0	4.7	5.6
SALSA	4.0	6.0	6.0	6.3	5.6
SR 5210 (SRX 52LAV)	5.3	8.0	4.7	4.3	5.6
ASC 082	3.7	7.7	5.3	5.3	5.5
INVERNESS (PST-47TCR)	3.7	8.3	5.0	5.0	5.5
BAR SCF 8 FUS3	5.7	5.0	6.0	5.0	5.4
SHADEMASTER II	4.7	8.3	4.7	4.0	5.4
ROSE (ASC 087)	3.7	5.7	5.7	5.7	5.2
BANNER III	5.0	7.3	3.7	4.3	5.1
SEABREEZE	5.0	3.7	5.7	5.7	5.0
DAWSON E+	5.0	2.7	5.7	6.3	4.9
FLORENTINE	3.7	8.0	4.0	3.3	4.8
ACF 083	3.7	7.0	3.3	4.7	4.7
BARGENA III (BAR CF 8 FUS1)	2.3	8.0	4.3	4.0	4.7
SHADEMARK	2.3	6.3	5.0	5.0	4.7
PST-4FR	2.7	7.3	4.0	4.3	4.6
BOREAL	5.0	4.3	4.3	4.3	4.5
COMMON CREEPING RED	3.3	4.7	4.3	4.0	4.1
LSD VALUE	1.4	1.9	1.9	1.5	1.1
C.V. (%)	16.0	16.4	16.7	15.5	16.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 49B. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
PICK FRC A-93	6.0	8.7	6.7	6.7	7.0
ABT-CHW-2	6.0	8.3	6.3	7.0	6.9
INTRIGUE	7.0	8.0	6.3	6.3	6.9
AMBASSADOR	5.7	8.3	6.7	6.3	6.8
LONGFELLOW II	5.3	8.3	6.7	7.0	6.8
TREAZURE (E)	5.7	8.7	6.3	6.0	6.7
BRITTANY	6.0	8.0	6.0	6.0	6.5
SHADOW II	5.7	8.0	6.3	5.7	6.4
SILHOUETTE (PICK FRC 4-92)	5.3	8.0	6.0	5.7	6.3
AMBROSE (ABT-CHW-3)	5.0	7.0	6.7	6.0	6.2
MAGIC	5.7	7.7	5.7	5.7	6.2
SANDPIPER	5.0	7.3	6.3	6.0	6.2
JAMESTOWN II	6.3	7.0	6.0	5.0	6.1
SR 5100	5.0	8.0	5.7	5.3	6.0
TIFFANY	4.3	7.7	6.3	5.7	6.0
WRIGLEY (ACF 092)	6.0	6.7	5.3	6.0	6.0
ABT-CHW-1	5.7	6.0	6.0	5.7	5.8
BAR CHF 8 FUS2	5.0	7.0	6.3	5.0	5.8
BRIDGEPORT	6.0	7.7	5.3	4.3	5.8
CULOMBRA	4.3	7.7	5.7	5.7	5.8
MB-63	4.7	8.0	5.0	4.7	5.6
BANNER III	5.0	7.3	3.7	4.3	5.1
ACF 083	3.7	7.0	3.3	4.7	4.7
LSD VALUE	2.2	2.4	1.5	1.3	1.0
C.V. (%)	18.0	12.4	14.2	12.5	13.1

TABLE 49C. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
ASR 049	5.3	2.7	7.3	7.0	5.6
BAR SCF 8 FUS3	5.7	5.0	6.0	5.0	5.4
SEABREEZE	5.0	3.7	5.7	5.7	5.0
DAWSON E+	5.0	2.7	5.7	6.3	4.9
LSD VALUE	2.7	2.2	2.4	1.6	2.4
C.V. (%)	21.8	29.7	17.3	12.4	27.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 49D. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
 AT BLACKSBURG, VA 1/  
 1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
CINDY LOU (CIS FRR 7)	6.0	8.7	6.0	6.7	6.8
ABT-CR-3	6.0	9.0	6.0	5.3	6.6
ABERDEEN (PST-EFL)	5.7	8.3	6.3	5.7	6.5
NAVIGATOR (CIS FRR 5)	5.7	8.7	5.7	5.7	6.4
SRX 52961	5.3	8.3	5.7	5.7	6.3
JASPER II	5.0	8.7	5.3	5.7	6.2
ABT-CR-2	4.3	8.0	6.0	5.0	5.8
PATHFINDER	5.0	8.0	5.0	4.7	5.7
ASC 172	4.3	7.7	5.3	5.0	5.6
DGSC 94	4.0	8.7	5.0	4.7	5.6
SALSA	4.0	6.0	6.0	6.3	5.6
SR 5210 (SRX 52LAV)	5.3	8.0	4.7	4.3	5.6
ASC 082	3.7	7.7	5.3	5.3	5.5
INVERNESS (PST-47TCR)	3.7	8.3	5.0	5.0	5.5
SHADEMASTER II	4.7	8.3	4.7	4.0	5.4
ROSE (ASC 087)	3.7	5.7	5.7	5.7	5.2
FLORENTINE	3.7	8.0	4.0	3.3	4.8
BARGENA III (BAR CF 8 FUS1)	2.3	8.0	4.3	4.0	4.7
SHADEMARK	2.3	6.3	5.0	5.0	4.7
PST-4FR	2.7	7.3	4.0	4.3	4.6
BOREAL	5.0	4.3	4.3	4.3	4.5
COMMON CREEPING RED	3.3	4.7	4.3	4.0	4.1
LSD VALUE	2.2	1.6	3.7	2.0	1.3
C.V. (%)	26.8	12.9	23.5	19.2	18.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 49E. RED THREAD RATINGS OF HARD FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
HARDTOP (BAR HF 8 FUS)	7.3	9.0	7.0	7.0	7.6
RESCUE 911	8.0	8.3	7.3	6.7	7.6
ABT-HF-2	7.3	8.0	7.0	7.3	7.4
BERKSHIRE (4001)	7.0	7.7	7.3	7.3	7.3
OXFORD	7.7	8.3	6.7	6.3	7.3
PICK FF A-97	7.3	8.7	6.7	6.7	7.3
EUREKA II (CIS FL 11)	7.3	8.0	6.7	6.7	7.2
RELIANT II	7.7	8.3	6.7	6.0	7.2
STONEHENGE (AHF 009)	7.7	8.0	6.3	6.7	7.2
ABT-HF-4	7.0	7.3	7.0	7.0	7.1
VIKING (ABT-HF1)	7.0	9.0	6.3	6.0	7.1
OSPREY	7.3	8.0	6.7	6.3	7.1
BIGHORN	6.7	7.3	6.7	7.3	7.0
ATTILA E	6.7	6.7	6.7	7.0	6.8
CHARIOT (CIS FL 12)	7.0	7.3	6.3	6.7	6.8
NORDIC (E)	7.7	8.0	5.3	6.0	6.8
SRX 3961	7.0	6.7	6.7	6.7	6.8
ABT-HF-3	7.7	6.7	5.7	6.7	6.7
PST-4HM	7.7	7.0	6.0	6.0	6.7
DISCOVERY	7.7	7.0	6.0	5.7	6.6
MINOTAUR	7.0	6.0	7.0	6.3	6.6
HERON	6.7	6.3	6.3	6.7	6.5
MB-82	6.7	7.7	5.7	5.7	6.4
DEFIANT	7.0	7.0	6.0	5.3	6.3
SCALDIS II (AHF 008)	7.3	6.0	6.3	5.7	6.3
SCALDIS	7.7	6.7	5.3	5.0	6.2
LSD VALUE	1.4	4.3	3.1	2.9	2.5
C.V. (%)	7.6	19.1	15.0	15.6	14.7

TABLE 49F. RED THREAD RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
1999-2002 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY 00	AUGUST 00	MAY 01	JUNE 01	MEAN
PST-4MB	7.3	8.7	6.3	5.7	7.0
QUATRO	7.3	5.3	6.7	7.0	6.6
SR 3200	7.0	6.0	6.0	6.0	6.3
SR 6000	8.7	1.7	7.7	7.3	6.3
LSD VALUE	1.0	2.8	1.0	1.6	1.7
C.V. (%)	6.2	25.4	7.1	11.5	15.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 50A.

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
SRX 3961	5.3	9.0	7.2	PST-4MB	4.3	8.0	6.2
LONGFELLOW II	5.0	9.0	7.0	RESCUE 911	4.3	8.0	6.2
NAVIGATOR (CIS FRR 5)	5.3	8.7	7.0	WRIGLEY (ACF 092)	4.7	7.7	6.2
OXFORD	5.0	9.0	7.0	ATTILA E	4.3	7.7	6.0
TREAZURE (E)	5.0	9.0	7.0	BANNER III	4.7	7.3	6.0
ABT-CHW-2	5.0	8.7	6.8	DEFIANT	4.0	8.0	6.0
ABT-HF-3	5.0	8.7	6.8	MINOTAUR	4.3	7.7	6.0
BERKSHIRE (4001)	5.0	8.7	6.8	QUATRO	4.0	8.0	6.0
RELIANT II	5.0	8.7	6.8	ABERDEEN (PST-EFL)	4.3	7.3	5.8
AMBROSE (ABT-CHW-3)	4.7	8.7	6.7	ACF 083	5.0	6.7	5.8
ABT-HF-2	4.7	8.7	6.7	SANDPIPER	4.3	7.3	5.8
CHARIOT (CIS FL 12)	5.0	8.3	6.7	SHADOW II	5.0	6.7	5.8
HERON	5.0	8.3	6.7	SR 3200	4.0	7.7	5.8
INTRIGUE	4.7	8.7	6.7	BRIDGEPORT	4.3	7.0	5.7
PST-4HM	5.0	8.3	6.7	SR 5210 (SRX 52LAV)	3.7	7.7	5.7
ABT-CHW-1	4.7	8.3	6.5	SILHOUETTE (PICK FRC 4-92)	4.3	6.7	5.5
ABT-CR-3	4.7	8.3	6.5	SR 6000	4.0	7.0	5.5
AMBASSADOR	4.7	8.3	6.5	ASC 172	3.7	7.0	5.3
CINDY LOU (CIS FRR 7)	4.0	9.0	6.5	SCALDIS	3.3	7.3	5.3
DISCOVERY	4.7	8.3	6.5	ASC 082	3.7	6.7	5.2
JASPER II	4.7	8.3	6.5	JAMESTOWN II	4.7	5.7	5.2
MB-82	4.7	8.3	6.5	BRITTANY	4.7	5.0	4.8
NORDIC (E)	4.7	8.3	6.5	SEABREEZE	4.3	5.3	4.8
PICK FRC A-93	4.7	8.3	6.5	ASR 049	4.0	5.0	4.5
SCALDIS II (AHF 008)	4.7	8.3	6.5	COMMON CREEPING RED	4.0	5.0	4.5
SRX 52961	4.7	8.3	6.5	SALSA	3.7	5.3	4.5
VIKING (ABT-HF1)	4.3	8.3	6.3	INVERNESS (PST-47TCR)	4.3	4.3	4.3
BIGHORN	4.7	8.0	6.3	ROSE (ASC 087)	3.3	5.0	4.2
CULOMBRA	4.7	8.0	6.3	BARGENA III (BAR CF 8 FUS1)	3.7	4.3	4.0
EUREKA II (CIS FL 11)	4.0	8.7	6.3	FLORENTINE	4.0	4.0	4.0
MAGIC	4.7	8.0	6.3	ABT-CR-2	3.7	3.7	3.7
SR 5100	4.0	8.7	6.3	DGSC 94	3.7	3.7	3.7
STONEHENGE (AHF 009)	4.3	8.3	6.3	BOREAL	3.0	4.0	3.5
TIFFANY	4.7	8.0	6.3	BAR SCF 8 FUS3	3.7	3.0	3.3
ABT-HF-4	4.7	7.7	6.2	PST-4FR	3.7	3.0	3.3
BAR CHF 8 FUS2	4.7	7.7	6.2	SHADEMARK	3.3	3.3	3.3
DAWSON E+	4.3	8.0	6.2	SHADEMASTER II	3.7	3.0	3.3
HARDTOP (BAR HF 8 FUS)	4.3	8.0	6.2	PATHFINDER	2.7	2.7	2.7
MB-63	4.3	8.0	6.2				
OSPREY	4.3	8.0	6.2	LSD VALUE	1.0	1.5	1.0
PICK FF A-97	4.3	8.0	6.2	C.V. (%)	12.7	13.5	11.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 50B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
LONGFELLOW II	5.0	9.0	7.0
TREAZURE (E)	5.0	9.0	7.0
ABT-CHW-2	5.0	8.7	6.8
AMBROSE (ABT-CHW-3)	4.7	8.7	6.7
INTRIGUE	4.7	8.7	6.7
ABT-CHW-1	4.7	8.3	6.5
AMBASSADOR	4.7	8.3	6.5
PICK FRC A-93	4.7	8.3	6.5
CULOMBRA	4.7	8.0	6.3
MAGIC	4.7	8.0	6.3
SR 5100	4.0	8.7	6.3
TIFFANY	4.7	8.0	6.3
BAR CHF 8 FUS2	4.7	7.7	6.2
MB-63	4.3	8.0	6.2
WRIGLEY (ACF 092)	4.7	7.7	6.2
BANNER III	4.7	7.3	6.0
ACF 083	5.0	6.7	5.8
SANDPIPER	4.3	7.3	5.8
SHADOW II	5.0	6.7	5.8
BRIDGEPORT	4.3	7.0	5.7
SILHOUETTE (PICK FRC 4-92)	4.3	6.7	5.5
JAMESTOWN II	4.7	5.7	5.2
BRITTANY	4.7	5.0	4.8
LSD VALUE	1.4	1.9	1.2
C.V. (%)	9.6	13.5	10.0

TABLE 50C. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
DAWSON E+	4.3	8.0	6.2
SEABREEZE	4.3	5.3	4.8
ASR 049	4.0	5.0	4.5
BAR SCF 8 FUS3	3.7	3.0	3.3
LSD VALUE	0.8	1.1	0.7
C.V. (%)	9.1	10.8	7.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 50D. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
NAVIGATOR (CIS FRR 5)	5.3	8.7	7.0
ABT-CR-3	4.7	8.3	6.5
CINDY LOU (CIS FRR 7)	4.0	9.0	6.5
JASPER II	4.7	8.3	6.5
SRX 52961	4.7	8.3	6.5
ABERDEEN (PST-EFL)	4.3	7.3	5.8
SR 5210 (SRX 52LAV)	3.7	7.7	5.7
ASC 172	3.7	7.0	5.3
ASC 082	3.7	6.7	5.2
COMMON CREEPING RED	4.0	5.0	4.5
SALSA	3.7	5.3	4.5
INVERNESS (PST-47TCR)	4.3	4.3	4.3
ROSE (ASC 087)	3.3	5.0	4.2
BARGENA III (BAR CF 8 FUS1)	3.7	4.3	4.0
FLORENTINE	4.0	4.0	4.0
ABT-CR-2	3.7	3.7	3.7
DGSC 94	3.7	3.7	3.7
BOREAL	3.0	4.0	3.5
PST-4FR	3.7	3.0	3.3
SHADEMARK	3.3	3.3	3.3
SHADEMASTER II	3.7	3.0	3.3
PATHFINDER	2.7	2.7	2.7
LSD VALUE	1.2	1.9	1.2
C.V. (%)	16.2	21.8	16.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 50E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
SRX 3961	5.3	9.0	7.2
OXFORD	5.0	9.0	7.0
ABT-HF-3	5.0	8.7	6.8
BERKSHIRE (4001)	5.0	8.7	6.8
RELIANT II	5.0	8.7	6.8
ABT-HF-2	4.7	8.7	6.7
CHARIOT (CIS FL 12)	5.0	8.3	6.7
HERON	5.0	8.3	6.7
PST-4HM	5.0	8.3	6.7
DISCOVERY	4.7	8.3	6.5
MB-82	4.7	8.3	6.5
NORDIC (E)	4.7	8.3	6.5
SCALDIS II (AHF 008)	4.7	8.3	6.5
VIKING (ABT-HF1)	4.3	8.3	6.3
BIGHORN	4.7	8.0	6.3
EUREKA II (CIS FL 11)	4.0	8.7	6.3
STONEHENGE (AHF 009)	4.3	8.3	6.3
ABT-HF-4	4.7	7.7	6.2
HARDTOP (BAR HF 8 FUS)	4.3	8.0	6.2
OSPREY	4.3	8.0	6.2
PICK FF A-97	4.3	8.0	6.2
RESCUE 911	4.3	8.0	6.2
ATTILA E	4.3	7.7	6.0
DEFIANT	4.0	8.0	6.0
MINOTAUR	4.3	7.7	6.0
SCALDIS	3.3	7.3	5.3
LSD VALUE	0.9	1.8	0.9
C.V. (%)	10.3	7.7	6.9

TABLE 50F. DOLLAR SPOT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT MADISON (NO TRAFFIC), WI 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
PST-4MB	4.3	8.0	6.2
QUATRO	4.0	8.0	6.0
SR 3200	4.0	7.7	5.8
SR 6000	4.0	7.0	5.5
LSD VALUE	1.5	0.6	1.0
C.V. (%)	15.8	3.8	7.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 51A.

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN	NAME	JUNE	AUGUST	MEAN
AMBASSADOR	9.0	8.0	8.5	WRIGLEY (ACF 092)	8.3	7.0	7.7
ABT-CHW-2	9.0	7.7	8.3	CHARIOT (CIS FL 12)	8.7	6.3	7.5
ABT-HF-3	9.0	7.7	8.3	CINDY LOU (CIS FRR 7)	8.7	6.3	7.5
CULOMBRA	9.0	7.7	8.3	JAMESTOWN II	8.3	6.7	7.5
LONGFELLOW II	9.0	7.7	8.3	SEABREEZE	8.3	6.7	7.5
MAGIC	8.7	8.0	8.3	SR 3200	8.3	6.7	7.5
MB-63	8.7	8.0	8.3	SR 5210 (SRX 52LAV)	7.7	7.3	7.5
PICK FRC A-93	9.0	7.7	8.3	ABERDEEN (PST-EFL)	8.3	6.3	7.3
SILHOUETTE (PICK FRC 4-92)	9.0	7.7	8.3	ABT-HF-4	8.3	6.3	7.3
SR 5100	9.0	7.7	8.3	BAR SCF 8 FUS3	8.3	6.3	7.3
ABT-CHW-1	8.3	8.0	8.2	PST-4HM	8.7	6.0	7.3
HARDTOP (BAR HF 8 FUS)	9.0	7.3	8.2	STONEHENGE (AHF 009)	8.7	6.0	7.3
INTRIGUE	8.7	7.7	8.2	BIGHORN	8.7	5.7	7.2
MINOTAUR	8.7	7.7	8.2	DEFIANT	8.3	6.0	7.2
NAVIGATOR (CIS FRR 5)	8.3	8.0	8.2	MB-82	7.7	6.7	7.2
SRX 3961	9.0	7.3	8.2	QUATRO	7.3	7.0	7.2
TIFFANY	8.7	7.7	8.2	RESCUE 911	8.3	6.0	7.2
AMBROSE (ABT-CHW-3)	8.7	7.3	8.0	SCALDIS	8.3	6.0	7.2
ABT-CR-3	8.0	8.0	8.0	SCALDIS II (AHF 008)	9.0	5.0	7.0
BAR CHF 8 FUS2	9.0	7.0	8.0	DAWSON E+	8.0	5.7	6.8
BRIDGEPORT	8.3	7.7	8.0	INVERNESS (PST-47TCR)	8.3	5.3	6.8
BRITTANY	8.7	7.3	8.0	ACF 083	6.3	7.0	6.7
DISCOVERY	9.0	7.0	8.0	ASC 082	7.0	6.3	6.7
OXFORD	9.0	7.0	8.0	FLORENTINE	7.7	5.7	6.7
SANDPIPER	8.7	7.3	8.0	SHADEMASTER II	7.3	6.0	6.7
TREAZURE (E)	8.3	7.7	8.0	SR 6000	7.0	6.3	6.7
ABT-HF-2	9.0	6.7	7.8	PATHFINDER	7.0	6.0	6.5
VIKING (ABT-HF1)	8.3	7.3	7.8	ROSE (ASC 087)	7.0	5.7	6.3
BANNER III	8.3	7.3	7.8	ASC 172	6.3	6.0	6.2
EUREKA II (CIS FL 11)	8.3	7.3	7.8	ABT-CR-2	6.7	5.3	6.0
NORDIC (E)	8.7	7.0	7.8	BOREAL	6.0	6.0	6.0
PST-4MB	8.7	7.0	7.8	ASR 049	7.0	4.7	5.8
ATTILA E	8.7	6.7	7.7	BARGENA III (BAR CF 8 FUS1)	6.3	5.3	5.8
BERKSHIRE (4001)	9.0	6.3	7.7	DGSC 94	6.0	4.7	5.3
HERON	8.7	6.7	7.7	COMMON CREEPING RED	4.7	5.3	5.0
JASPER II	8.0	7.3	7.7	SHADEMARK	5.3	4.7	5.0
OSPREY	8.7	6.7	7.7	PST-4FR	5.7	4.0	4.8
PICK FF A-97	8.7	6.7	7.7	SALSA	5.0	4.7	4.8
RELIANT II	8.3	7.0	7.7				
SHADOW II	8.3	7.0	7.7	LSD VALUE	1.0	1.6	0.9
SRX 52961	7.7	7.7	7.7	C.V. (%)	7.8	13.9	8.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 51B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
AMBASSADOR	9.0	8.0	8.5
ABT-CHW-2	9.0	7.7	8.3
CULOMBRA	9.0	7.7	8.3
LONGFELLOW II	9.0	7.7	8.3
MAGIC	8.7	8.0	8.3
MB-63	8.7	8.0	8.3
PICK FRC A-93	9.0	7.7	8.3
SILHOUETTE (PICK FRC 4-92)	9.0	7.7	8.3
SR 5100	9.0	7.7	8.3
ABT-CHW-1	8.3	8.0	8.2
INTRIGUE	8.7	7.7	8.2
TIFFANY	8.7	7.7	8.2
AMBROSE (ABT-CHW-3)	8.7	7.3	8.0
BAR CHF 8 FUS2	9.0	7.0	8.0
BRIDGEPORT	8.3	7.7	8.0
BRITTANY	8.7	7.3	8.0
SANDPIPER	8.7	7.3	8.0
TREAZURE (E)	8.3	7.7	8.0
BANNER III	8.3	7.3	7.8
SHADOW II	8.3	7.0	7.7
WRIGLEY (ACF 092)	8.3	7.0	7.7
JAMESTOWN II	8.3	6.7	7.5
ACF 083	6.3	7.0	6.7
LSD VALUE	1.0	1.7	0.8
C.V. (%)	6.6	7.8	5.1

TABLE 51C. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
SEABREEZE	8.3	6.7	7.5
BAR SCF 8 FUS3	8.3	6.3	7.3
DAWSON E+	8.0	5.7	6.8
ASR 049	7.0	4.7	5.8
LSD VALUE	0.7	1.6	0.8
C.V. (%)	4.2	13.1	5.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 51D. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
NAVIGATOR (CIS FRR 5)	8.3	8.0	8.2
ABT-CR-3	8.0	8.0	8.0
JASPER II	8.0	7.3	7.7
SRX 52961	7.7	7.7	7.7
CINDY LOU (CIS FRR 7)	8.7	6.3	7.5
SR 5210 (SRX 52LAV)	7.7	7.3	7.5
ABERDEEN (PST-EFL)	8.3	6.3	7.3
INVERNESS (PST-47TCR)	8.3	5.3	6.8
ASC 082	7.0	6.3	6.7
FLORENTINE	7.7	5.7	6.7
SHADEMASTER II	7.3	6.0	6.7
PATHFINDER	7.0	6.0	6.5
ROSE (ASC 087)	7.0	5.7	6.3
ASC 172	6.3	6.0	6.2
ABT-CR-2	6.7	5.3	6.0
BOREAL	6.0	6.0	6.0
BARGENA III (BAR CF 8 FUS1)	6.3	5.3	5.8
DGSC 94	6.0	4.7	5.3
COMMON CREEPING RED	4.7	5.3	5.0
SHADEMARK	5.3	4.7	5.0
PST-4FR	5.7	4.0	4.8
SALSA	5.0	4.7	4.8
LSD VALUE	1.3	1.6	1.1
C.V. (%)	11.7	15.8	10.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 51E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
ABT-HF-3	9.0	7.7	8.3
HARDTOP (BAR HF 8 FUS)	9.0	7.3	8.2
MINOTAUR	8.7	7.7	8.2
SRX 3961	9.0	7.3	8.2
DISCOVERY	9.0	7.0	8.0
OXFORD	9.0	7.0	8.0
ABT-HF-2	9.0	6.7	7.8
VIKING (ABT-HF1)	8.3	7.3	7.8
EUREKA II (CIS FL 11)	8.3	7.3	7.8
NORDIC (E)	8.7	7.0	7.8
ATTILA E	8.7	6.7	7.7
BERKSHIRE (4001)	9.0	6.3	7.7
HERON	8.7	6.7	7.7
OSPREY	8.7	6.7	7.7
PICK FF A-97	8.7	6.7	7.7
RELIANT II	8.3	7.0	7.7
CHARIOT (CIS FL 12)	8.7	6.3	7.5
ABT-HF-4	8.3	6.3	7.3
PST-4HM	8.7	6.0	7.3
STONEHENGE (AHF 009)	8.7	6.0	7.3
BIGHORN	8.7	5.7	7.2
DEFIANT	8.3	6.0	7.2
MB-82	7.7	6.7	7.2
RESCUE 911	8.3	6.0	7.2
SCALDIS	8.3	6.0	7.2
SCALDIS II (AHF 008)	9.0	5.0	7.0
LSD VALUE	1.4	3.2	2.0
C.V. (%)	5.8	16.1	8.5

TABLE 51F. DOLLAR SPOT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT RALEIGH (HIGH INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
PST-4MB	8.7	7.0	7.8
SR 3200	8.3	6.7	7.5
QUATRO	7.3	7.0	7.2
SR 6000	7.0	6.3	6.7
LSD VALUE	1.2	3.2	1.8
C.V. (%)	7.1	19.9	10.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DOLLAR SPOT RATED IN 2000 ONLY.



TABLE 52A.

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN	NAME	JUNE	AUGUST	MEAN
RESCUE 911	8.7	8.3	8.5	BRIDGEPORT	7.3	7.0	7.2
ABT-HF-4	8.7	8.0	8.3	CINDY LOU (CIS FRR 7)	7.7	6.7	7.2
ATTILA E	8.7	8.0	8.3	INTRIGUE	6.7	7.7	7.2
EUREKA II (CIS FL 11)	8.7	8.0	8.3	JASPER II	7.7	6.7	7.2
OXFORD	8.7	8.0	8.3	SEABREEZE	7.7	6.7	7.2
PICK FF A-97	8.7	8.0	8.3	TREAZURE (E)	7.3	7.0	7.2
PST-4HM	8.7	8.0	8.3	ABT-CR-3	7.3	6.7	7.0
PST-4MB	8.7	8.0	8.3	BRITTANY	7.0	7.0	7.0
SCALDIS	8.7	8.0	8.3	DAWSON E+	7.3	6.7	7.0
SCALDIS II (AHF 008)	8.7	8.0	8.3	FLORENTINE	7.3	6.7	7.0
SRX 3961	8.3	8.3	8.3	INVERNESS (PST-47TCR)	7.0	7.0	7.0
ABT-HF-3	8.3	8.0	8.2	MB-63	7.3	6.7	7.0
VIKING (ABT-HF1)	8.7	7.7	8.2	PST-4FR	7.0	7.0	7.0
BERKSHIRE (4001)	8.3	8.0	8.2	SANDPIPER	7.0	7.0	7.0
DEFIANT	8.7	7.7	8.2	SRX 52961	7.0	7.0	7.0
DISCOVERY	8.3	8.0	8.2	BANNER III	6.7	7.0	6.8
HARDTOP (BAR HF 8 FUS)	8.3	8.0	8.2	BAR CHF 8 FUS2	7.0	6.7	6.8
OSPREY	8.0	8.3	8.2	PATHFINDER	7.0	6.7	6.8
STONEHENGE (AHF 009)	8.3	8.0	8.2	SILHOUETTE (PICK FRC 4-92)	6.7	7.0	6.8
ABT-CHW-2	8.3	7.7	8.0	ABERDEEN (PST-EFL)	6.3	7.0	6.7
CHARIOT (CIS FL 12)	8.0	8.0	8.0	ASC 172	6.3	7.0	6.7
HERON	8.0	8.0	8.0	BARGENA III (BAR CF 8 FUS1)	7.0	6.3	6.7
RELIANT II	8.0	8.0	8.0	DGSC 94	7.0	6.3	6.7
SR 3200	8.0	8.0	8.0	JAMESTOWN II	6.7	6.7	6.7
ABT-HF-2	7.7	8.0	7.8	SHADEMASTER II	7.0	6.0	6.5
BIGHORN	8.0	7.7	7.8	SHADOW II	7.0	6.0	6.5
MB-82	8.0	7.7	7.8	SR 6000	7.7	5.3	6.5
QUATRO	8.0	7.7	7.8	WRIGLEY (ACF 092)	6.3	6.7	6.5
BAR SCF 8 FUS3	8.0	7.3	7.7	ASC 082	6.7	6.0	6.3
MAGIC	7.7	7.7	7.7	BOREAL	6.3	6.3	6.3
MINOTAUR	7.7	7.7	7.7	ROSE (ASC 087)	6.7	6.0	6.3
PICK FRC A-93	7.7	7.7	7.7	TIFFANY	6.7	6.0	6.3
SR 5210 (SRX 52LAV)	7.7	7.7	7.7	ABT-CR-2	6.7	5.7	6.2
AMBROSE (ABT-CHW-3)	7.0	8.0	7.5	SHADEMARK	6.3	5.7	6.0
AMBASSADOR	7.3	7.7	7.5	ACF 083	6.0	5.7	5.8
ASR 049	8.0	7.0	7.5	COMMON CREEPING RED	7.0	4.7	5.8
CULOMBRA	7.7	7.3	7.5	SALSA	6.3	5.3	5.8
NORDIC (E)	7.7	7.3	7.5	ABT-CHW-1	.	.	.
SR 5100	7.3	7.7	7.5				
LONGFELLOW II	7.0	7.7	7.3	LSO VALUE	1.4	1.0	1.0
NAVIGATOR (CIS FRR 5)	6.7	8.0	7.3	C.V. (%)	10.5	8.9	8.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 52B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
ABT-CHW-2	8.3	7.7	8.0
MAGIC	7.7	7.7	7.7
PICK FRC A-93	7.7	7.7	7.7
AMBROSE (ABT-CHW-3)	7.0	8.0	7.5
AMBASSADOR	7.3	7.7	7.5
CULOMBRA	7.7	7.3	7.5
SR 5100	7.3	7.7	7.5
LONGFELLOW II	7.0	7.7	7.3
BRIDGEPORT	7.3	7.0	7.2
INTRIGUE	6.7	7.7	7.2
TREAZURE (E)	7.3	7.0	7.2
BRITTANY	7.0	7.0	7.0
MB-63	7.3	6.7	7.0
SANDPIPER	7.0	7.0	7.0
BANNER III	6.7	7.0	6.8
BAR CHF 8 FUS2	7.0	6.7	6.8
SILHOUETTE (PICK FRC 4-92)	6.7	7.0	6.8
JAMESTOWN II	6.7	6.7	6.7
SHADOW II	7.0	6.0	6.5
WRIGLEY (ACF 092)	6.3	6.7	6.5
TIFFANY	6.7	6.0	6.3
ACF 083	6.0	5.7	5.8
ABT-CHW-1	.	.	.
LSD VALUE	2.5	1.2	1.3
C.V. (%)	11.9	9.1	8.7

TABLE 52C. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
BAR SCF 8 FUS3	8.0	7.3	7.7
ASR 049	8.0	7.0	7.5
SEABREEZE	7.7	6.7	7.2
DAWSON E+	7.3	6.7	7.0
LSD VALUE	1.9	1.3	1.4
C.V. (%)	10.3	8.0	8.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 52D. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
 AT RALEIGH (LOW INPUT), NC 1/  
 1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
SR 5210 (SRX 52LAV)	7.7	7.7	7.7
NAVIGATOR (CIS FRR 5)	6.7	8.0	7.3
CINDY LOU (CIS FRR 7)	7.7	6.7	7.2
JASPER II	7.7	6.7	7.2
ABT-CR-3	7.3	6.7	7.0
FLORENTINE	7.3	6.7	7.0
INVERNESS (PST-47TCR)	7.0	7.0	7.0
PST-4FR	7.0	7.0	7.0
SRX 52961	7.0	7.0	7.0
PATHFINDER	7.0	6.7	6.8
ABERDEEN (PST-EFL)	6.3	7.0	6.7
ASC 172	6.3	7.0	6.7
BARGENA III (BAR CF 8 FUS1)	7.0	6.3	6.7
DGSC 94	7.0	6.3	6.7
SHADEMASTER II	7.0	6.0	6.5
ASC 082	6.7	6.0	6.3
BOREAL	6.3	6.3	6.3
ROSE (ASC 087)	6.7	6.0	6.3
ABT-CR-2	6.7	5.7	6.2
SHADEMARK	6.3	5.7	6.0
COMMON CREEPING RED	7.0	4.7	5.8
SALSA	6.3	5.3	5.8
LSD VALUE	2.5	1.4	1.6
C.V. (%)	11.4	11.7	10.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED IN 2000 ONLY.

TABLE 52E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
RESCUE 911	8.7	8.3	8.5
ABT-HF-4	8.7	8.0	8.3
ATTILA E	8.7	8.0	8.3
EUREKA II (CIS FL 11)	8.7	8.0	8.3
OXFORD	8.7	8.0	8.3
PICK FF A-97	8.7	8.0	8.3
PST-4HM	8.7	8.0	8.3
SCALDIS	8.7	8.0	8.3
SCALDIS II (AHF 008)	8.7	8.0	8.3
SRX 3961	8.3	8.3	8.3
ABT-HF-3	8.3	8.0	8.2
VIKING (ABT-HF1)	8.7	7.7	8.2
BERKSHIRE (4001)	8.3	8.0	8.2
DEFIANT	8.7	7.7	8.2
DISCOVERY	8.3	8.0	8.2
HARDTOP (BAR HF 8 FUS)	8.3	8.0	8.2
OSPREY	8.0	8.3	8.2
STONEHENGE (AHF 009)	8.3	8.0	8.2
CHARIOT (CIS FL 12)	8.0	8.0	8.0
HERON	8.0	8.0	8.0
RELIANT II	8.0	8.0	8.0
ABT-HF-2	7.7	8.0	7.8
BIGHORN	8.0	7.7	7.8
MB-82	8.0	7.7	7.8
MINOTAUR	7.7	7.7	7.7
NORDIC (E)	7.7	7.3	7.5
LSD VALUE	2.5	1.5	1.9
C.V. (%)	8.6	5.4	6.3

TABLE 52F. DOLLAR SPOT RATINGS OF OTHER FINELEAF FESCUE CULTIVARS  
AT RALEIGH (LOW INPUT), NC 1/  
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	AUGUST	MEAN
PST-4MB	8.7	8.0	8.3
SR 3200	8.0	8.0	8.0
QUATRO	8.0	7.7	7.8
SR 6000	7.7	5.3	6.5
LSD VALUE	1.3	0.7	0.6
C.V. (%)	7.4	5.1	3.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DOLLAR SPOT RATED IN 2000 ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR FINELEAF FESCUE CULTIVARS  
 IN THE 1998 NATIONAL FINELEAF FESCUE TEST  
 1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS		SUM OF	HIGHEST		LOWEST	MAXIMUM
	MEAN 1/	RANK 2/	RANKS 3/	RANK 4/	RANK 5/	RANK 6/	IN TOP 25% 7/
ABERDEEN (PST-EFL)	5.5	16	929	20	5	68	36.7
ABT-CHW-1	5.4	23	934	21	6	71	36.7
ABT-CHW-2	5.7	6	596	6	1	48	56.7
AMBROSE (ABT-CHW-3)	5.7	10	683	8	1	64	46.7
ABT-CR-2	5.4	26	1028	27	2	74	30.0
ABT-CR-3	5.6	13	773	12	1	71	40.0
ABT-HF-2	5.5	17	861	16	2	61	40.0
ABT-HF-3	5.3	43	1271	46	4	76	20.0
ABT-HF-4	5.3	40	1208	42	1	73	23.3
VIKING (ABT-HF1)	5.8	3	611	7	1	67	60.0
ACF 083	5.1	60	1392	55	3	77	13.3
AMBASSADOR	5.7	5	594	5	1	54	56.7
ASC 082	4.9	70	1714	70	19	77	3.3
ASC 172	4.5	76	2102	77	17	78	3.3
ASR 049	5.0	67	1407	58	8	79	13.3
ATTILA E	5.0	65	1464	64	15	78	6.7
BANNER III	5.2	49	1305	50	8	78	6.7
BAR CHF 8 FUS2	5.3	32	1088	30	5	77	16.7
BAR SCF 8 FUS3	5.1	53	1303	49	9	77	16.7
BARGENA III (BAR CF 8 FUS1)	5.1	56	1370	52	13	76	13.3
BERKSHIRE (4001)	5.7	4	577	3	1	72	66.7
BIGHORN	4.9	71	1717	71	6	79	6.7
BOREAL	4.4	77	2102	77	27	79	0.0
BRIDGEPORT	5.3	35	1104	31	5	71	20.0
BRITTANY	5.3	38	1213	43	1	79	10.0
CHARIOT (CIS FL 12)	5.5	20	973	25	5	69	33.3
CINDY LOU (CIS FRR 7)	5.7	9	691	10	1	76	46.7
COMMON CREEPING RED	4.3	78	2182	78	44	79	0.0
CULOMBRA	5.4	28	948	23	4	67	33.3
DAWSON E+	4.8	75	1746	72	16	78	3.3
DEFIANT	5.1	59	1519	67	24	78	0.0
DGSC 94	5.0	66	1521	68	14	74	3.3
DISCOVERY	5.3	33	1152	35	11	74	20.0
EUREKA II (CIS FL 11)	5.4	29	1121	32	3	76	26.7
FLORENTINE	5.2	52	1273	47	3	79	20.0
HARDTOP (BAR HF 8 FUS)	5.5	21	968	24	2	72	36.7
HERON	5.2	50	1372	53	6	74	16.7
INTRIGUE	5.7	8	688	9	2	52	46.7
INVERNESS (PST-47TCR)	5.1	63	1440	61	4	77	13.3
JAMESTOWN II	5.1	62	1471	65	6	75	6.7
JASPER II	5.8	2	500	2	1	47	70.0
LONGFELLOW II	5.9	1	422	1	1	76	80.0
MAGIC	5.4	27	1059	29	2	78	26.7
MB-63	5.3	42	1181	38	4	73	13.3
MB-82	5.1	55	1375	54	10	78	13.3

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR FINELEAF FESCUE CULTIVARS  
(CONT'D) IN THE 1998 NATIONAL FINELEAF FESCUE TEST  
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	MAXIMUM IN TOP 25% 7/
MINOTAUR	5.3	46	1367	51	8	76	16.7
NAVIGATOR (CIS FRR 5)	5.6	11	869	17	1	69	36.7
NORDIC (E)	5.4	24	925	19	1	76	43.3
OSPREY	5.3	45	1245	45	7	79	20.0
OXFORD	5.6	14	704	11	1	64	56.7
PATHFINDER	5.3	44	1171	37	6	76	20.0
PICK FF A-97	5.3	41	1215	44	5	71	13.3
PICK FRC A-93	5.5	19	830	15	3	66	26.7
PST-4FR	5.2	48	1198	40	5	69	20.0
PST-4HM	5.3	36	1144	34	1	77	26.7
PST-4MB	5.4	30	1191	39	1	76	23.3
QUATRO	5.0	69	1561	69	15	78	3.3
RELIANT II	5.3	34	1164	36	5	75	20.0
RESCUE 911	5.2	47	1281	48	2	78	30.0
ROSE (ASC 087)	4.8	73	1865	75	27	77	0.0
SALSA	5.0	68	1499	66	4	77	16.7
SANDPIPER	5.2	51	1410	59	8	77	6.7
SCALDIS	5.1	57	1394	56	13	76	20.0
SCALDIS II (AHF 008)	5.1	54	1440	61	5	75	16.7
SEABREEZE	5.0	64	1445	62	8	75	13.3
SHADEMARK	4.8	72	1811	73	14	78	3.3
SHADEMASTER II	5.1	58	1406	57	8	70	13.3
SHADOW II	5.5	18	919	18	1	73	30.0
SILHOUETTE (PICK FRC 4-92)	5.3	37	1137	33	8	76	13.3
SR 3200	4.8	74	1845	74	16	79	3.3
SR 5100	5.4	25	1007	26	6	69	26.7
SR 5210 (SRX 52LAV)	5.1	61	1451	63	4	73	10.0
SR 6000	3.7	79	2212	79	37	79	0.0
SRX 3961	5.6	12	796	13	1	69	50.0
SRX 52961	5.7	7	592	4	1	49	50.0
STONEHENGE (AHF 009)	5.4	22	945	22	7	73	30.0
TIFFANY	5.3	39	1207	41	4	73	23.3
TREAZURE (E)	5.6	15	799	14	2	57	40.0
WRIGLEY (ACF 092)	5.3	31	1053	28	8	63	26.7
LSD VALUE	0.2						
C.V. (%)	10.7						

- \*/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).  
 \*\*/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.  
 1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.  
 2/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.  
 3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.  
 4/ RANK - THE RANKING OF THE SUM OF RANKS.  
 5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.  
 6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.  
 7/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.