

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>.

2003 NATIONAL FINELEAF FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2004-07

<u>State</u>	<u>Location</u>	<u>Code</u>
California	Palo Alto	CA8
California	Palo Alto (Non-Mowed)	CA9
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Illinois	Lemont (Non-Mowed)	IL3
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Olathe	KS3
Kentucky	Lexington (Non-Mowed)	KY1
Maine	Orono	ME1
Maryland	College Park	MD1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Nebraska	Mead (Shade)	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New York	Ithaca	NY1
North Dakota	Fargo	ND1
Pennsylvania	University Park	PA1
Quebec	Quebec City	QE1
Rhode Island	Kingston	RI1
South Dakota	Brookings	SD1
Utah	Logan (Shade)	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

2003 NATIONAL FINELEAF FESCUE TEST

Entries and Sponsors

Entry No.	Name	Species	Sponsor
* 1	Razor	strong creeping	Pennington Seed
* 2	Predator	hard	Pennington Seed
* 3	7 Seas	chewings	Pennington Seed
* 4	Seabreeze	slender creeping	Standard Entry
* 5	Shademaster	strong creeping	Standard Entry
* 6	Fortitude (TL 53)	strong creeping	Turf Merchants, Inc.
* 7	Celestial	strong creeping	Turf Merchants, Inc.
* 8	Firefly (SPM)	hard	Turf Merchants, Inc.
* 9	Oracle	strong creeping	Lamorna Enterprises
*10	Reliant IV (A01630Rel)	hard	ProSeeds Marketing
*11	Culumbra II (ACF 174)	chewings	ProSeeds Marketing
*12	Splendor (ASC 245)	strong creeping	ProSeeds Marketing
*13	Epic (5001)	strong creeping	ProSeeds Marketing
*14	Audubon	strong creeping	Jacklin Seed by Simplot
*15	J-5 (Jamestown 5)	chewings	Jacklin Seed by Simplot
16	C-SMX	strong creeping	Ultra-Turf
*17	Jasper II	strong creeping	Standard Entry
*18	Spartan II (Pick HF #2)	hard	Pickseed
*19	Compass (ACF 188)	chewings	Mountain View Seed, Ltd.
*20	Wendy Jean (C03-RCE)	strong creeping	The Scotts Company
21	C03-4676	strong creeping	The Scotts Company
*22	Berkshire	hard	Standard Entry
23	IS-FRR 23	strong creeping	Brett-Young Seeds
*24	Class One (IS-FRR 29)	strong creeping	DLF International Seeds
25	DLF-RCM	strong creeping	DLF Trifolium
*26	Longfellow II	chewings	Standard Entry
*27	LaCrosse (IS-FRC 17)	chewings	LESCO, Inc.
*28	Quatro	sheep	Standard Entry
*29	Cardinal (IS-FRR 30)	strong creeping	Mountain View Seeds, Ltd.
*30	Gotham (IS-FL 28)	hard	LESCO, Inc.
31	TL1	strong creeping	LESCO, Inc.
*32	Garnet (Pick CRF 1-03)	strong creeping	Pickseed
33	BMXC-S02	strong creeping	Blue Mt. Seeds
*34	Boreal	strong creeping	Standard Entry
*35	SR 3000	hard	Standard Entry
*36	Dawson E	slender creeping	Standard Entry
*37	Scaldis	hard	Standard Entry
*38	Zodiac (BUR 4601)	chewings	Burlingham Seeds
*39	SR 5130 (SRX 51G)	chewings	Seed Research of Oregon
40	SRX 3K	hard	Seed Research of Oregon
*41	Shoreline (SRX 55R)	slender creeping	Seed Research of Oregon
*42	Ambassador	chewings	Lebanon Turf Products
*43	Oxford	hard	Lebanon Turf Products
*44	Pathfinder	strong creeping	Lebanon Turf Products
45	DP 77-9885	chewings	DLF Trifolium
46	DP 77-9886	chewings	DLF Trifolium
47	DP 77-9578	strong creeping	DLF Trifolium
48	DP 77-9360	strong creeping	DLF Trifolium
49	DP 77-9579	strong creeping	DLF Trifolium
*50	Treasure II (PST-4TZ)	chewings	Pure-Seed Testing, Inc.
51	PST-8000	strong creeping	Pure-Seed Testing, Inc.
*52	Musica	chewings	R.A.G.T.
*53	Cascade	chewings	Standard Entry

* COMMERCIALY AVAILABLE IN THE USA IN 2008.

TABLE A.

2004-07 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2003 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
CA8	LOAM	6.6-7.0	61-150	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA9	LOAM	6.6-7.0	61-150	0-150	3.1-4.0	FULL SUN	4.1+	TO PREVENT STRESS
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	1.1-2.0	FULL SUN	2.1-2.5	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
IL2	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	1.1-2.0	PARTIAL SHADE	2.1-2.5	ONLY DURING SEVERE STRESS
IL3	SILTY CLAY LOAM	7.6-8.5	0-60	151-240	0.0-1.0	LIGHT SHADE	4.1+	ONLY DURING SEVERE STRESS
IN1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
KS3	SILT LOAM AND SILT	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	-	FULL SUN	-	-
MA1	LOAM	5.6-6.0	0-60	241-375	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	5.6-6.0	61-150	0-150	0.0-1.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
MN1	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	0.0-1.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
ND1	SILTY CLAY AND CLAY	7.6-8.5	0-60	0-150	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	61-150	241-375	1.1-2.0	UNIFORM SHADE	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	151-270	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	4.6-5.5	0-60	151-240	0.0-1.0	FULL SUN	1.6-2.0	NO IRRIGATION
SD1	SILTY CLAY LOAM	7.6-8.5	61-150	376-500	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	61-150	151-240	2.1-3.0	PARTIAL SHADE	2.6-3.0	TO PREVENT STRESS
VA1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
WA3	SANDY LOAM	4.6-5.5	61-150	0-150	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	151-270	241-375	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2004-07

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
CA8	X	X	X	X	X	X	X	X	X	X	X	X			
CA9	X	X	X	X	X	X	X	X	X	X	X	X			
IA1					X	X	X	X	X	X			X	X	
IL1				X	X	X	X	X	X	X			X	X	
IL2			X	X	X	X	X	X	X	X	X	X	X	X	
IL3					X	X	X	X	X	X	X		X	X	
IN1				X	X	X	X	X	X	X	X		X	X	
KS3					X	X	X	X							
KY1			X	X	X	X	X	X					X		
MA1			X	X	X	X	X	X	X	X	X	X	X	X	
MD1				X	X	X	X	X	X	X					
ME1					X	X	X	X	X	X			X		
MI1				X	X	X	X	X	X	X	X		X	X	X
MN1				X	X	X	X	X	X	X			X	X	X
ND1				X	X	X	X	X	X	X	X		X	X	X
NE1				X	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	
NY1				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	
UT1				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	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	MELTING OUT SPRING	LEAF SPOT	STEM RUST	DOLLAR SPOT	RED THREAD
CA8															
CA9															
IA1							X								
IL1					X		X								
IL2	X				X	X	X								
IL3					X	X	X								
IN1							X								X
KS3															
KY1	X				X			X							
MA1	X						X							X	X
MD1	X						X							X	X
ME1					X	X						X			X
MI1	X	X	X	X	X	X	X								
MN1				X	X		X								
ND1	X	X	X	X	X	X	X		X						
NE1		X	X	X											
NJ1	X			X	X	X	X					X			X
NJ2				X			X					X			
NY1	X														
PA1	X						X							X	X
QE1	X	X	X	X											
RI1		X			X	X	X			X					X
SD1							X				X				
UT1					X		X								
VA1							X	X						X	X
WA1															
WA3		X					X	X							X
WI1					X	X	X							X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	BROWN PATCH WARM TEMP.	SUMMER PATCH	PYTHIUM BLIGHT	PINK PATCH	CUTWORM DAMAGE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	POA ANNUA	MOWING QUALITY	PERCENT ESTABLISHMENT
CA8													
CA9													
IA1													
IL1													X
IL2													
IL3													
IN1													
KS3										X			
KY1													
MA1			X								X		
MD1													
ME1	X												X
MI1													
MN1													
ND1						X	X	X				X	
NE1													
NJ1		X			X								X
NJ2													X
NY1													
PA1		X		X									
QE1													
RI1									X				
SD1													X
UT1													
VA1													X
WA1													X
WA3													X
WI1													

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	CRABGRASS RATINGS	WEEDINESS RATINGS	PERCENT		DISEASE RATINGS	NET BLOTCH	RED THREAD		RED THREAD RATINGS					RED THREAD			PERCENT POA ANNUA			SEEDHEAD ATTRAC-	PERCENT SEEDHEAD	PERCENT SEEDHEAD				
			POA ANNUA	SUMMER COLOR			SPRING	FALL	MAR	APR	MAY	JUN	AUG	JUL	NOV	DEC	JUL	AUG	OCT	TIVENESS	SEEDHEAD	JUL	SEP			
CA8																										
CA9																										
IA1																										
IL1																										
IL2																										
IL3																										X
X																										
IN1																										
KS3																										
KY1																										
MA1																										
MD1																										
ME1	X																									
MI1		X																								
MN1																										
ND1																										
NE1																										
NJ1																										
NJ2																										
NY1																										
PA1																										
QE1																										
RI1	X																									
SD1																										
UT1																										
VA1																										
WA1																										
WA3																										
WI1																										

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

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

NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
* SPARTAN II (PICK HF #2)	4.8	7.7	4.6	6.5	5.8	6.6	6.7	7.4	6.2
* ZODIAC (BUR 4601)	5.1	7.7	6.0	5.7	5.4	6.7	6.2	6.5	6.0
* EPIC (5001)	5.5	7.3	5.8	5.3	5.3	7.1	6.3	6.4	6.0
* GOTHAM (IS-FL 28)	4.5	7.3	4.7	6.3	5.8	6.2	6.8	7.0	6.0
* SR 5130 (SRX 51G)	4.6	7.2	4.8	6.2	5.6	6.6	6.2	6.8	5.9
* FORTITUDE (TL 53)	5.1	7.3	5.9	5.4	5.6	6.7	6.2	5.7	5.9
* RELIANT IV (AO1630REL)	4.8	7.4	3.9	6.0	5.5	5.9	6.7	7.3	5.8
* OXFORD	4.5	7.5	4.5	6.0	6.0	5.4	6.7	6.9	5.8
* WENDY JEAN (C03-RCE)	5.5	7.3	5.3	4.9	5.8	6.3	6.0	6.0	5.8
* PREDATOR	4.5	7.6	4.4	6.2	5.6	5.8	6.6	6.5	5.8
* TREAZURE II (PST-4TZ)	5.4	7.3	4.0	5.4	6.2	6.1	6.1	6.6	5.8
* GARNET (PICK CRF 1-03)	5.3	7.6	5.5	4.7	5.7	6.2	5.9	5.9	5.7
* FIREFLY (SPM)	4.9	7.1	4.1	6.5	5.6	5.1	6.8	6.5	5.7
* LACROSSE (IS-FRC 17)	4.1	7.4	4.9	5.7	5.7	6.3	6.1	6.5	5.7
* CARDINAL (IS-FRR 30)	5.0	7.0	5.5	5.1	5.4	6.6	6.2	5.7	5.7
DLF-RCM	4.9	6.8	5.5	4.8	5.8	6.4	6.1	6.0	5.7
* 7 SEAS	4.3	7.3	5.5	5.1	5.8	6.1	6.2	6.1	5.7
* COMPASS (ACF 188)	4.3	7.2	5.0	5.3	5.8	6.1	6.1	6.3	5.6
* AMBASSADOR	4.3	7.5	4.4	5.4	5.6	6.1	6.3	6.5	5.6
* LONGFELLOW II	4.1	7.3	4.6	5.6	5.6	6.3	6.3	6.3	5.6
DP 77-9885	4.6	7.0	5.3	4.8	5.5	6.3	6.0	6.2	5.6
* BERKSHIRE	4.0	8.1	4.2	6.0	5.6	4.9	6.7	6.7	5.6
* CLASS ONE (IS-FRR 29)	5.1	7.1	4.9	5.0	5.8	6.4	6.0	5.2	5.6
PST-8000	4.9	7.2	4.7	4.7	5.7	6.5	6.2	5.5	5.5
DP 77-9578	5.0	6.9	5.0	4.8	5.8	5.9	6.0	5.3	5.5
DP 77-9886	4.3	7.1	4.4	4.8	5.8	5.8	6.2	6.4	5.5
C-SMX	4.9	7.0	4.8	5.1	5.8	5.8	5.9	5.4	5.5
DP 77-9360	4.4	6.5	5.1	5.0	5.7	5.6	6.1	5.4	5.4
DP 77-9579	5.1	6.8	4.8	4.5	5.6	5.7	5.8	5.1	5.3
* MUSICA	4.6	7.3	3.0	5.0	5.6	5.5	6.2	6.3	5.3
* PATHFINDER	4.6	6.6	4.7	4.4	5.9	5.7	5.8	5.4	5.3
SRX 3K	3.9	7.4	3.4	5.1	5.8	5.5	6.6	5.8	5.3
TL1	4.8	6.7	4.3	4.8	5.4	5.6	6.0	5.5	5.3
* J-5 (JAMESTOWN 5)	4.3	7.0	3.8	4.6	5.9	5.4	6.3	5.7	5.3
* CULUMBRA II (ACF 174)	4.0	7.0	3.5	5.1	5.9	5.5	6.3	5.7	5.2
BMXC-S02	4.7	6.7	4.3	4.5	5.6	5.6	6.2	4.9	5.2
IS-FRR 23	4.7	7.3	3.7	4.6	5.9	5.3	6.0	5.4	5.2
* SR 3000	4.1	6.8	3.5	5.0	5.7	5.0	6.6	5.7	5.2
* CELESTIAL	4.6	7.3	4.3	4.2	5.6	5.7	6.0	4.9	5.2
* SPLENDOR (ASC 245)	4.6	6.8	3.6	4.5	6.1	5.4	5.9	5.0	5.1
* JASPER II	4.7	6.7	3.8	4.2	5.6	5.4	6.0	5.4	5.1
* RAZOR	4.6	6.4	4.0	4.2	6.0	5.3	6.0	4.9	5.1
* QUATRO	3.9	6.7	3.2	4.8	5.8	4.7	6.0	6.2	5.0
* CASCADE	4.2	7.0	2.9	3.9	5.6	5.2	6.1	5.8	4.9

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
* SCALDIS	3.6	7.2	2.9	4.6	5.6	4.0	6.6	5.4	4.8
* AUDUBON	4.5	6.9	3.8	3.9	5.5	4.8	5.7	4.4	4.8
* SHORELINE (SRX 55R)	4.7	6.8	2.8	4.4	5.6	5.4	5.6	4.2	4.8
* SEABREEZE C03-4676	4.7	6.4	3.6	4.0	5.3	4.9	5.9	4.3	4.8
* SHADEMASTER	4.2	5.9	3.6	3.9	5.6	5.0	5.9	4.5	4.7
* ORACLE	4.0	5.8	2.9	3.3	5.5	4.3	5.7	3.7	4.3
* DAWSON E	3.8	5.8	2.5	3.3	5.6	4.1	5.4	3.5	4.1
* BOREAL	3.9	5.1	2.5	3.8	5.8	3.5	5.3	3.1	4.1
LSD VALUE	3.8	5.5	2.2	3.1	5.5	3.7	5.4	3.2	3.9
C.V. (%)	0.7	1.0	1.2	0.6	0.4	0.9	0.4	0.9	0.3
	10.2	8.8	18.3	8.1	4.8	10.2	4.3	9.9	9.6

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
ZODIAC (BUR 4601)	5.1	7.7	6.0	5.7	5.4	6.7	6.2	6.5	6.0
SR 5130 (SRX 51G)	4.6	7.2	4.8	6.2	5.6	6.6	6.2	6.8	5.9
TREASURE II (PST-4TZ)	5.4	7.3	4.0	5.4	6.2	6.1	6.1	6.6	5.8
LACROSSE (IS-FRC 17)	4.1	7.4	4.9	5.7	5.7	6.3	6.1	6.5	5.7
7 SEAS	4.3	7.3	5.5	5.1	5.8	6.1	6.2	6.1	5.7
COMPASS (ACF 188)	4.3	7.2	5.0	5.3	5.8	6.1	6.1	6.3	5.6
AMBASSADOR	4.3	7.5	4.4	5.4	5.6	6.1	6.3	6.5	5.6
LONGFELLOW II	4.1	7.3	4.6	5.6	5.6	6.3	6.3	6.3	5.6
DP 77-9885	4.6	7.0	5.3	4.8	5.5	6.3	6.0	6.2	5.6
DP 77-9886	4.3	7.1	4.4	4.8	5.8	5.8	6.2	6.4	5.5
MUSICA	4.6	7.3	3.0	5.0	5.6	5.5	6.2	6.3	5.3
J-5 (JAMESTOWN 5)	4.3	7.0	3.8	4.6	5.9	5.4	6.3	5.7	5.3
CULUMBRA II (ACF 174)	4.0	7.0	3.5	5.1	5.9	5.5	6.3	5.7	5.2
CASCADE	4.2	7.0	2.9	3.9	5.6	5.2	6.1	5.8	4.9
LSD VALUE	0.8	1.0	1.5	0.6	0.4	0.9	0.4	0.9	0.3
C.V. (%)	11.6	8.8	21.7	7.6	4.9	9.0	4.1	8.9	10.1

* COMMERCIALY AVAILABLE IN THE USA IN 2008.

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 1C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
EPIC (5001)	5.5	7.3	5.8	5.3	5.3	7.1	6.3	6.4	6.0
FORTITUDE (TL 53)	5.1	7.3	5.9	5.4	5.6	6.7	6.2	5.7	5.9
WENDY JEAN (C03-RCE)	5.5	7.3	5.3	4.9	5.8	6.3	6.0	6.0	5.8
GARNET (PICK CRF 1-03)	5.3	7.6	5.5	4.7	5.7	6.2	5.9	5.9	5.7
CARDINAL (IS-FRR 30)	5.0	7.0	5.5	5.1	5.4	6.6	6.2	5.7	5.7
DLF-RCM	4.9	6.8	5.5	4.8	5.8	6.4	6.1	6.0	5.7
CLASS ONE (IS-FRR 29)	5.1	7.1	4.9	5.0	5.8	6.4	6.0	5.2	5.6
PST-8000	4.9	7.2	4.7	4.7	5.7	6.5	6.2	5.5	5.5
DP 77-9578	5.0	6.9	5.0	4.8	5.8	5.9	6.0	5.3	5.5
C-SMX	4.9	7.0	4.8	5.1	5.8	5.8	5.9	5.4	5.5
DP 77-9360	4.4	6.5	5.1	5.0	5.7	5.6	6.1	5.4	5.4
DP 77-9579	5.1	6.8	4.8	4.5	5.6	5.7	5.8	5.1	5.3
PATHFINDER	4.6	6.6	4.7	4.4	5.9	5.7	5.8	5.4	5.3
TL1	4.8	6.7	4.3	4.8	5.4	5.6	6.0	5.5	5.3
BMXC-S02	4.7	6.7	4.3	4.5	5.6	5.6	6.2	4.9	5.2
IS-FRR 23	4.7	7.3	3.7	4.6	5.9	5.3	6.0	5.4	5.2
CELESTIAL	4.6	7.3	4.3	4.2	5.6	5.7	6.0	4.9	5.2
SPLENDOR (ASC 245)	4.6	6.8	3.6	4.5	6.1	5.4	5.9	5.0	5.1
JASPER II	4.7	6.7	3.8	4.2	5.6	5.4	6.0	5.4	5.1
RAZOR	4.6	6.4	4.0	4.2	6.0	5.3	6.0	4.9	5.1
AUDUBON	4.5	6.9	3.8	3.9	5.5	4.8	5.7	4.4	4.8
C03-4676	4.2	5.9	3.6	3.9	5.6	5.0	5.9	4.5	4.7
SHADEMASTER	4.0	5.8	2.9	3.3	5.5	4.3	5.7	3.7	4.3
ORACLE	3.8	5.8	2.5	3.3	5.6	4.1	5.4	3.5	4.1
BOREAL	3.8	5.5	2.2	3.1	5.5	3.7	5.4	3.2	3.9
LSD VALUE	0.6	1.0	1.0	0.7	0.4	0.8	0.4	0.9	0.3
C.V. (%)	8.5	9.2	15.0	9.3	4.4	8.5	4.6	10.4	8.9

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 1D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
SPARTAN II (PICK HF #2)	4.8	7.7	4.6	6.5	5.8	6.6	6.7	7.4	6.2
GOTHAM (IS-FL 28)	4.5	7.3	4.7	6.3	5.8	6.2	6.8	7.0	6.0
RELIANT IV (A01630REL)	4.8	7.4	3.9	6.0	5.5	5.9	6.7	7.3	5.8
OXFORD	4.5	7.5	4.5	6.0	6.0	5.4	6.7	6.9	5.8
PREDATOR	4.5	7.6	4.4	6.2	5.6	5.8	6.6	6.5	5.8
FIREFLY (SPM)	4.9	7.1	4.1	6.5	5.6	5.1	6.8	6.5	5.7
BERKSHIRE	4.0	8.1	4.2	6.0	5.6	4.9	6.7	6.7	5.6
SRX 3K	3.9	7.4	3.4	5.1	5.8	5.5	6.6	5.8	5.3
SR 3000	4.1	6.8	3.5	5.0	5.7	5.0	6.6	5.7	5.2
QUATRO	3.9	6.7	3.2	4.8	5.8	4.7	6.0	6.2	5.0
SCALDIS	3.6	7.2	2.9	4.6	5.6	4.0	6.6	5.4	4.8
LSD VALUE	0.8	0.9	1.2	0.6	0.5	1.2	0.4	0.9	0.3
C.V. (%)	12.3	7.8	19.4	6.2	5.4	15.1	3.8	9.0	9.9

TABLE 1E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE NORTHEAST REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	ME1	NJ1	NJ2	NY1	PA1	QE1	RI1	MEAN
SHORELINE (SRX 55R)	4.7	6.8	2.8	4.4	5.6	5.4	5.6	4.2	4.8
SEABREEZE	4.7	6.4	3.6	4.0	5.3	4.9	5.9	4.3	4.8
DAWSON E	3.9	5.1	2.5	3.8	5.8	3.5	5.3	3.1	4.1
LSD VALUE	0.6	0.9	0.9	0.5	0.4	0.9	0.5	1.0	0.3
C.V. (%)	9.3	9.4	19.4	8.3	4.8	12.3	5.1	16.1	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 2A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
SPARTAN II (PICK HF #2)	6.5	6.0	6.2	6.3
OXFORD	6.4	5.9	6.3	6.3
GOTHAM (IS-FL 28)	6.5	6.3	6.0	6.2
RELIANT IV (A01630REL)	6.0	5.3	6.4	6.2
FIREFLY (SPM)	6.5	5.5	6.0	6.1
CARDINAL (IS-FRR 30)	5.8	5.3	6.0	5.9
ZODIAC (BUR 4601)	6.1	5.3	5.8	5.9
SR 5130 (SRX 51G)	6.0	5.1	5.9	5.9
WENDY JEAN (C03-RCE)	5.8	5.2	6.0	5.8
BERKSHIRE	6.3	5.6	5.7	5.8
FORTITUDE (TL 53)	5.6	5.4	5.9	5.8
SRX 3K	5.9	5.0	6.0	5.7
GARNET (PICK CRF 1-03)	5.8	5.4	5.6	5.7
DP 77-9360	5.8	5.2	5.7	5.7
PREDATOR	6.6	5.5	5.5	5.7
EPIC (5001)	5.8	5.5	5.5	5.7
DLF-RCM	6.0	5.1	5.8	5.7
AMBASSADOR	5.6	5.0	5.7	5.7
QUATRO	6.3	4.7	5.7	5.6
DP 77-9578	5.9	5.3	5.4	5.5
CLASS ONE (IS-FRR 29)	5.8	4.7	5.7	5.5
SCALDIS	5.8	4.7	5.7	5.5
COMPASS (ACF 188)	5.8	5.0	5.5	5.5
TL1	5.7	5.0	5.5	5.5
PST-8000	6.2	5.1	5.3	5.5
TREAZURE II (PST-4TZ)	6.1	5.0	5.3	5.5
PATHFINDER	5.2	4.8	5.7	5.5
C-SMX	5.5	5.1	5.3	5.4
LONGFELLOW II	5.6	5.1	5.4	5.4
LACROSSE (IS-FRC 17)	5.6	5.1	5.3	5.4
DP 77-9885	5.9	4.9	5.4	5.4
SR 3000	6.3	5.1	5.3	5.4
DP 77-9579	5.7	4.8	5.4	5.4
BMXC-S02	5.4	5.1	5.3	5.4
7 SEAS	5.7	4.5	5.6	5.3
J-5 (JAMESTOWN 5)	5.4	4.9	5.2	5.3
CELESTIAL	5.6	4.5	5.3	5.3
CULUMBRA II (ACF 174)	5.7	4.5	5.3	5.2
JASPER II	5.9	4.8	4.9	5.1
RAZOR	5.7	4.5	4.8	4.9
SPLENDOR (ASC 245)	5.3	4.5	4.8	4.9
IS-FRR 23	5.8	4.5	4.7	4.9
AUDUBON	5.1	4.2	5.0	4.9
DP 77-9886	5.3	4.6	4.8	4.9

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
SHORELINE (SRX 55R)	5.8	3.7	4.8	4.6
SHADEMASTER	5.0	4.0	4.6	4.6
ORACLE	5.0	3.6	4.7	4.5
C03-4676	5.3	4.2	4.4	4.4
MUSICA	5.7	4.0	4.5	4.4
SEABREEZE	5.6	3.8	4.4	4.4
CASCADE	5.3	3.1	4.7	4.2
BOREAL	4.5	3.6	4.1	4.1
DAWSON E	5.4	3.5	4.1	4.1
LSD VALUE	0.9	0.9	1.0	0.7
C.V. (%)	9.7	11.5	12.1	11.6

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
ZODIAC (BUR 4601)	6.1	5.3	5.8	5.9
SR 5130 (SRX 51G)	6.0	5.1	5.9	5.9
AMBASSADOR	5.6	5.0	5.7	5.7
COMPASS (ACF 188)	5.8	5.0	5.5	5.5
TREAZURE II (PST-4TZ)	6.1	5.0	5.3	5.5
LONGFELLOW II	5.6	5.1	5.4	5.4
LACROSSE (IS-FRC 17)	5.6	5.1	5.3	5.4
DP 77-9885	5.9	4.9	5.4	5.4
7 SEAS	5.7	4.5	5.6	5.3
J-5 (JAMESTOWN 5)	5.4	4.9	5.2	5.3
CULUMBRA II (ACF 174)	5.7	4.5	5.3	5.2
DP 77-9886	5.3	4.6	4.8	4.9
MUSICA	5.7	4.0	4.5	4.4
CASCADE	5.3	3.1	4.7	4.2
LSD VALUE	1.1	0.8	1.0	0.7
C.V. (%)	12.4	11.5	12.0	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 2C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
CARDINAL (IS-FRR 30)	5.8	5.3	6.0	5.9
WENDY JEAN (C03-RCE)	5.8	5.2	6.0	5.8
FORTITUDE (TL 53)	5.6	5.4	5.9	5.8
GARNET (PICK CRF 1-03)	5.8	5.4	5.6	5.7
DP 77-9360	5.8	5.2	5.7	5.7
EPIC (5001)	5.8	5.5	5.5	5.7
DLF-RCM	6.0	5.1	5.8	5.7
DP 77-9578	5.9	5.3	5.4	5.5
CLASS ONE (IS-FRR 29)	5.8	4.7	5.7	5.5
TL1	5.7	5.0	5.5	5.5
PST-8000	6.2	5.1	5.3	5.5
PATHFINDER	5.2	4.8	5.7	5.5
C-SMX	5.5	5.1	5.3	5.4
DP 77-9579	5.7	4.8	5.4	5.4
BMXC-S02	5.4	5.1	5.3	5.4
CELESTIAL	5.6	4.5	5.3	5.3
JASPER II	5.9	4.8	4.9	5.1
RAZOR	5.7	4.5	4.8	4.9
SPLENDOR (ASC 245)	5.3	4.5	4.8	4.9
IS-FRR 23	5.8	4.5	4.7	4.9
AUDUBON	5.1	4.2	5.0	4.9
SHADEMASTER	5.0	4.0	4.6	4.6
ORACLE	5.0	3.6	4.7	4.5
C03-4676	5.3	4.2	4.4	4.4
BOREAL	4.5	3.6	4.1	4.1
LSD VALUE	0.8	0.8	1.0	0.7
C.V. (%)	8.9	10.0	11.6	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 2D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
SPARTAN II (PICK HF #2)	6.5	6.0	6.2	6.3
OXFORD	6.4	5.9	6.3	6.3
GOTHAM (IS-FL 28)	6.5	6.3	6.0	6.2
RELIANT IV (A01630REL)	6.0	5.3	6.4	6.2
FIREFLY (SPM)	6.5	5.5	6.0	6.1
BERKSHIRE	6.3	5.6	5.7	5.8
SRX 3K	5.9	5.0	6.0	5.7
PREDATOR	6.6	5.5	5.5	5.7
QUATRO	6.3	4.7	5.7	5.6
SCALDIS	5.8	4.7	5.7	5.5
SR 3000	6.3	5.1	5.3	5.4
LSD VALUE	0.6	1.1	1.0	0.8
C.V. (%)	6.1	12.9	10.8	11.4

TABLE 2E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE TRANSITION REGION 1/
2004-07 DATA

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

NAME	KS3	MD1	VA1	MEAN
SHORELINE (SRX 55R)	5.8	3.7	4.8	4.6
SEABREEZE	5.6	3.8	4.4	4.4
DAWSON E	5.4	3.5	4.1	4.1
LSD VALUE	0.9	0.8	1.4	1.0
C.V. (%)	10.4	13.2	19.3	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.

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
 2004-07 DATA

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

NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
ZODIAC (BUR 4601)	7.4	5.4	6.5	6.6	6.1	5.1	6.4	6.2
SPARTAN II (PICK HF #2)	7.5	5.1	5.6	6.3	6.2	5.2	6.4	6.1
PST-8000	7.4	4.7	6.6	6.4	6.0	5.0	6.3	6.1
EPIC (5001)	7.3	4.5	6.6	6.2	5.8	5.1	6.5	6.0
SR 5130 (SRX 51G)	7.2	4.6	6.6	6.5	5.7	5.1	6.4	6.0
TREAZURE II (PST-4TZ)	7.2	4.8	6.3	6.5	5.6	4.9	6.6	6.0
FORTITUDE (TL 53)	7.4	4.4	6.7	6.3	5.5	5.1	6.2	6.0
RELIANT IV (A01630REL)	7.8	5.1	5.8	5.7	5.4	5.3	6.5	5.9
GOTHAM (IS-FL 28)	7.3	4.9	5.7	5.9	5.5	5.3	6.9	5.9
DLF-RCM	7.3	4.7	6.5	6.4	5.2	5.1	6.2	5.9
GARNET (PICK CRF 1-03)	7.7	4.6	6.5	6.3	5.1	5.1	6.1	5.9
CARDINAL (IS-FRR 30)	7.1	4.5	6.3	6.5	5.7	5.1	6.0	5.9
BERKSHIRE	7.4	4.9	5.8	5.6	5.7	5.1	6.5	5.9
DP 77-9360	7.2	4.5	6.4	6.4	5.4	5.0	6.1	5.9
WENDY JEAN (C03-RCE)	7.5	4.6	6.2	6.1	5.2	4.9	6.4	5.8
LONGFELLOW II	7.3	4.6	5.9	6.2	5.3	4.9	6.5	5.8
CLASS ONE (IS-FRR 29)	7.2	4.8	6.4	6.1	5.2	5.0	6.0	5.8
OXFORD	7.7	5.0	4.8	5.6	5.5	5.4	6.5	5.8
C-SMX	7.1	4.4	6.1	6.0	5.5	5.1	6.1	5.8
PREDATOR	7.6	4.9	5.0	5.5	5.5	5.3	6.7	5.8
DP 77-9578	7.0	4.4	6.2	6.1	5.3	5.1	6.3	5.8
LACROSSE (IS-FRC 17)	6.9	4.5	6.1	6.1	5.2	5.0	6.1	5.7
MUSICA	7.2	4.6	5.5	5.9	5.0	5.3	6.4	5.7
DP 77-9579	7.3	4.5	6.0	6.0	5.1	5.0	6.0	5.7
CELESTIAL	7.3	4.1	6.0	5.6	5.0	5.1	6.3	5.6
RAZOR	7.5	4.3	5.4	5.7	5.4	5.3	5.8	5.6
DP 77-9886	7.1	4.8	5.7	5.7	5.5	4.8	5.9	5.6
7 SEAS	7.2	4.8	5.8	6.0	4.5	4.8	6.4	5.6
DP 77-9885	6.9	4.6	6.2	6.1	4.5	4.9	6.1	5.6
AMBASSADOR	7.1	4.4	6.0	6.0	4.7	5.0	6.2	5.6
FIREFLY (SPM)	7.0	4.8	5.0	5.9	5.1	4.9	6.6	5.6
PATHFINDER	7.4	4.4	5.6	5.6	5.1	4.9	6.0	5.6
BMXC-S02	7.3	3.8	6.0	5.8	4.8	5.1	6.3	5.6
JASPER II	7.1	4.1	5.5	5.4	5.6	5.3	6.0	5.6
CULUMBRA II (ACF 174)	6.6	4.0	5.8	6.2	4.4	5.1	6.4	5.5
J-5 (JAMESTOWN 5)	7.0	4.5	5.8	5.2	4.8	4.9	6.0	5.5
SHORELINE (SRX 55R)	7.4	4.1	5.3	5.1	5.6	4.8	5.8	5.5
TL1	7.2	3.8	5.5	5.9	5.0	4.8	5.7	5.4
COMPASS (ACF 188)	7.1	4.2	5.9	6.2	4.0	4.6	6.0	5.4
IS-FRR 23	7.4	3.9	5.3	5.7	5.0	5.1	5.5	5.4
AUDUBON	7.1	4.2	5.2	5.2	4.9	5.2	5.7	5.4
CASCADE	7.3	4.6	5.2	5.1	5.0	4.6	5.7	5.4
SR 3000	7.2	4.6	4.6	4.9	5.1	5.2	5.8	5.3
SPLENDOR (ASC 245)	7.0	3.9	5.9	5.5	4.6	4.8	5.6	5.3

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
C03-4676	6.9	3.6	5.2	5.3	5.1	4.9	6.2	5.3
SRX 3K	7.7	4.7	4.2	4.8	4.6	5.0	5.8	5.3
SCALDIS	7.4	4.5	4.6	4.6	4.5	5.0	5.9	5.2
SEABREEZE	7.1	3.9	4.7	5.0	5.0	4.8	5.8	5.2
DAWSON E	7.2	3.7	4.4	4.6	4.8	4.9	5.6	5.0
ORACLE	7.0	4.0	4.8	4.8	4.3	4.9	5.4	5.0
SHADEMASTER	6.7	3.8	4.7	4.4	3.7	4.7	5.2	4.8
BOREAL	6.9	3.8	4.2	4.4	4.0	4.6	5.2	4.7
QUATRO	6.8	3.9	3.7	4.4	4.0	5.2	5.0	4.7
LSD VALUE	0.7	0.8	0.9	0.7	1.1	0.6	0.7	0.3
C.V. (%)	5.9	10.7	10.2	7.7	13.7	7.8	6.9	9.0

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
ZODIAC (BUR 4601)	7.4	5.4	6.5	6.6	6.1	5.1	6.4	6.2
SR 5130 (SRX 51G)	7.2	4.6	6.6	6.5	5.7	5.1	6.4	6.0
TREAZURE II (PST-4TZ)	7.2	4.8	6.3	6.5	5.6	4.9	6.6	6.0
LONGFELLOW II	7.3	4.6	5.9	6.2	5.3	4.9	6.5	5.8
LACROSSE (IS-FRC 17)	6.9	4.5	6.1	6.1	5.2	5.0	6.1	5.7
MUSICA	7.2	4.6	5.5	5.9	5.0	5.3	6.4	5.7
DP 77-9886	7.1	4.8	5.7	5.7	5.5	4.8	5.9	5.6
7 SEAS	7.2	4.8	5.8	6.0	4.5	4.8	6.4	5.6
DP 77-9885	6.9	4.6	6.2	6.1	4.5	4.9	6.1	5.6
AMBASSADOR	7.1	4.4	6.0	6.0	4.7	5.0	6.2	5.6
CULUMBRA II (ACF 174)	6.6	4.0	5.8	6.2	4.4	5.1	6.4	5.5
J-5 (JAMESTOWN 5)	7.0	4.5	5.8	5.2	4.8	4.9	6.0	5.5
COMPASS (ACF 188)	7.1	4.2	5.9	6.2	4.0	4.6	6.0	5.4
CASCADE	7.3	4.6	5.2	5.1	5.0	4.6	5.7	5.4
LSD VALUE	0.7	0.7	0.9	0.7	1.3	0.5	0.7	0.3
C.V. (%)	6.2	10.1	9.0	7.1	16.5	7.0	7.2	9.2

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 3C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
2004-07 DATA

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

NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
PST-8000	7.4	4.7	6.6	6.4	6.0	5.0	6.3	6.1
EPIC (5001)	7.3	4.5	6.6	6.2	5.8	5.1	6.5	6.0
FORTITUDE (TL 53)	7.4	4.4	6.7	6.3	5.5	5.1	6.2	6.0
DLF-RCM	7.3	4.7	6.5	6.4	5.2	5.1	6.2	5.9
GARNET (PICK CRF 1-03)	7.7	4.6	6.5	6.3	5.1	5.1	6.1	5.9
CARDINAL (IS-FRR 30)	7.1	4.5	6.3	6.5	5.7	5.1	6.0	5.9
DP 77-9360	7.2	4.5	6.4	6.4	5.4	5.0	6.1	5.9
WENDY JEAN (C03-RCE)	7.5	4.6	6.2	6.1	5.2	4.9	6.4	5.8
CLASS ONE (IS-FRR 29)	7.2	4.8	6.4	6.1	5.2	5.0	6.0	5.8
C-SMX	7.1	4.4	6.1	6.0	5.5	5.1	6.1	5.8
DP 77-9578	7.0	4.4	6.2	6.1	5.3	5.1	6.3	5.8
DP 77-9579	7.3	4.5	6.0	6.0	5.1	5.0	6.0	5.7
CELESTIAL	7.3	4.1	6.0	5.6	5.0	5.1	6.3	5.6
RAZOR	7.5	4.3	5.4	5.7	5.4	5.3	5.8	5.6
PATHFINDER	7.4	4.4	5.6	5.6	5.1	4.9	6.0	5.6
BMXC-S02	7.3	3.8	6.0	5.8	4.8	5.1	6.3	5.6
JASPER II	7.1	4.1	5.5	5.4	5.6	5.3	6.0	5.6
TL1	7.2	3.8	5.5	5.9	5.0	4.8	5.7	5.4
IS-FRR 23	7.4	3.9	5.3	5.7	5.0	5.1	5.5	5.4
AUDUBON	7.1	4.2	5.2	5.2	4.9	5.2	5.7	5.4
SPLENDOR (ASC 245)	7.0	3.9	5.9	5.5	4.6	4.8	5.6	5.3
C03-4676	6.9	3.6	5.2	5.3	5.1	4.9	6.2	5.3
ORACLE	7.0	4.0	4.8	4.8	4.3	4.9	5.4	5.0
SHADEMASTER	6.7	3.8	4.7	4.4	3.7	4.7	5.2	4.8
BOREAL	6.9	3.8	4.2	4.4	4.0	4.6	5.2	4.7
LSD VALUE	0.6	0.8	0.8	0.7	1.0	0.6	0.6	0.3
C.V. (%)	5.6	12.2	8.7	7.3	12.6	7.6	6.6	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 3D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
SPARTAN II (PICK HF #2)	7.5	5.1	5.6	6.3	6.2	5.2	6.4	6.1
RELIANT IV (A01630REL)	7.8	5.1	5.8	5.7	5.4	5.3	6.5	5.9
GOTHAM (IS-FL 28)	7.3	4.9	5.7	5.9	5.5	5.3	6.9	5.9
BERKSHIRE	7.4	4.9	5.8	5.6	5.7	5.1	6.5	5.9
OXFORD	7.7	5.0	4.8	5.6	5.5	5.4	6.5	5.8
PREDATOR	7.6	4.9	5.0	5.5	5.5	5.3	6.7	5.8
FIREFLY (SPM)	7.0	4.8	5.0	5.9	5.1	4.9	6.6	5.6
SR 3000	7.2	4.6	4.6	4.9	5.1	5.2	5.8	5.3
SRX 3K	7.7	4.7	4.2	4.8	4.6	5.0	5.8	5.3
SCALDIS	7.4	4.5	4.6	4.6	4.5	5.0	5.9	5.2
QUATRO	6.8	3.9	3.7	4.4	4.0	5.2	5.0	4.7
LSD VALUE	0.7	0.7	1.2	0.7	1.1	0.7	0.6	0.3
C.V. (%)	6.5	8.7	14.8	8.7	13.0	8.7	6.3	9.6

TABLE 3E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS IN THE NORTH CENTRAL REGION 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	IA1	IL1	IN1	MI1	MN1	ND1	SD1	MEAN
SHORELINE (SRX 55R)	7.4	4.1	5.3	5.1	5.6	4.8	5.8	5.5
SEABREEZE	7.1	3.9	4.7	5.0	5.0	4.8	5.8	5.2
DAWSON E	7.2	3.7	4.4	4.6	4.8	4.9	5.6	5.0
LSD VALUE	0.6	0.6	0.9	0.7	0.9	0.5	0.8	0.3
C.V. (%)	4.9	9.1	11.2	9.7	11.3	7.2	8.7	9.1

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 4A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/ 2004-07 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GARNET (PICK CRF 1-03)	4.3	5.7	5.8	6.1	6.3	6.2	6.1	5.9
RELIANT IV (A01630REL)	4.3	5.3	5.9	6.1	6.1	6.2	6.1	5.8
PST-8000	4.0	5.2	5.7	6.2	6.3	6.1	6.2	5.8
SPARTAN II (PICK HF #2)	4.2	5.0	5.7	6.6	5.9	6.2	6.2	5.8
FIREFLY (SPM)	4.0	4.7	5.8	6.0	6.0	6.3	6.0	5.6
GOTHAM (IS-FL 28)	4.0	4.9	5.9	6.0	6.0	5.8	6.1	5.6
CARDINAL (IS-FRR 30)	4.2	5.3	5.9	5.8	5.9	5.9	5.8	5.6
PREDATOR	4.0	5.1	5.6	6.1	5.8	6.0	6.0	5.6
OXFORD	3.7	4.6	5.8	6.1	6.3	6.0	6.0	5.6
DP 77-9578	3.7	5.0	5.6	5.7	6.0	6.2	5.9	5.6
DP 77-9360	3.5	4.9	5.7	6.1	6.1	5.9	5.8	5.5
COMPASS (ACF 188)	4.2	5.2	5.1	5.7	6.0	6.2	5.4	5.5
JASPER II	3.7	5.3	5.6	5.9	5.8	5.8	5.7	5.5
BERKSHIRE	4.0	4.8	5.6	5.8	6.0	5.8	5.8	5.5
LONGFELLOW II	4.2	5.1	5.2	5.6	5.7	6.0	5.9	5.5
CULUMBRA II (ACF 174)	4.5	5.1	5.2	5.6	6.0	5.9	5.3	5.5
EPIC (5001)	3.7	4.8	5.6	6.0	5.7	5.9	5.9	5.5
7 SEAS	4.5	4.9	5.1	5.4	5.7	6.1	5.7	5.4
TL1	3.2	4.3	5.2	5.9	6.1	6.1	6.2	5.4
BMXC-S02	4.2	5.2	5.3	5.4	5.8	5.8	5.4	5.4
RAZOR	4.0	5.0	5.0	5.8	5.6	5.9	5.9	5.4
C-SMX	3.7	5.0	5.6	5.6	5.6	5.9	5.6	5.4
AMBASSADOR	4.2	5.2	5.2	5.3	5.6	5.7	5.6	5.3
SHORELINE (SRX 55R)	3.5	5.1	5.4	5.4	5.8	5.4	5.4	5.3
WENDY JEAN (C03-RCE)	4.0	5.1	4.8	5.4	5.6	5.8	5.7	5.3
TREAZURE II (PST-4TZ)	4.3	4.9	5.7	5.1	5.1	5.7	5.4	5.3
LACROSSE (IS-FRC 17)	4.3	5.1	5.2	5.0	5.4	5.8	5.3	5.3
SCALDIS	3.2	5.0	5.3	5.7	5.6	5.4	5.7	5.2
AUDUBON	3.7	4.6	5.2	5.2	5.8	5.9	5.6	5.2
SR 5130 (SRX 51G)	4.3	5.2	5.1	4.9	5.3	5.7	5.3	5.2
FORTITUDE (TL 53)	3.7	4.7	4.7	5.2	5.8	5.9	5.4	5.2
C03-4676	3.2	4.1	4.7	5.4	5.9	6.2	5.8	5.2
CLASS ONE (IS-FRR 29)	3.2	4.3	5.1	5.6	5.8	5.8	5.3	5.1
ZODIAC (BUR 4601)	3.8	5.3	5.3	4.9	5.1	5.3	5.2	5.1
SRX 3K	3.2	4.2	5.2	6.0	5.8	5.2	5.2	5.1
DP 77-9579	3.0	5.0	5.3	5.2	5.2	5.6	5.3	5.1
SPLENDOR (ASC 245)	3.0	4.8	5.2	5.7	5.7	5.2	5.2	5.1
CELESTIAL	3.3	4.6	4.8	5.1	5.7	5.9	5.4	5.1
SR 3000	3.0	4.2	5.4	5.6	5.6	5.6	5.3	5.1
DP 77-9885	3.7	5.1	5.2	5.1	5.3	5.3	5.0	5.1
SEABREEZE	2.5	4.7	5.1	5.3	5.6	5.6	5.4	5.0
IS-FRR 23	3.2	4.6	4.4	4.9	5.8	5.8	5.4	5.0
PATHFINDER	3.3	4.2	5.0	5.2	5.3	5.6	5.3	5.0
DLF-RCM	3.5	4.7	4.8	5.0	5.2	5.6	5.2	4.9

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2004-07 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
J-5 (JAMESTOWN 5)	3.8	4.7	4.9	4.8	5.0	5.6	5.1	4.9
DP 77-9886	3.7	4.7	5.0	4.8	5.0	5.4	5.1	4.9
CASCADE	3.8	4.4	4.7	5.1	5.4	4.9	5.1	4.9
QUATRO	3.3	3.8	4.9	5.1	5.7	5.1	5.3	4.8
MUSICA	4.0	4.6	4.6	4.9	4.6	4.9	4.4	4.6
DAWSON E	2.8	4.1	4.7	5.1	4.9	5.1	4.8	4.6
SHADEMASTER	2.7	3.2	4.3	4.8	4.9	5.2	4.8	4.4
BOREAL	3.0	3.9	4.1	4.4	4.2	4.3	4.8	4.2
ORACLE	2.3	3.6	4.1	4.4	4.3	4.6	4.7	4.1
LSD VALUE	1.0	1.0	0.7	0.9	0.9	1.0	0.8	0.6
C.V. (%)	24.4	23.1	13.6	17.1	18.2	19.8	14.7	12.8

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH
MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2004-07 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
COMPASS (ACF 188)	4.2	5.2	5.1	5.7	6.0	6.2	5.4	5.5
LONGFELLOW II	4.2	5.1	5.2	5.6	5.7	6.0	5.9	5.5
CULUMBRA II (ACF 174)	4.5	5.1	5.2	5.6	6.0	5.9	5.3	5.5
7 SEAS	4.5	4.9	5.1	5.4	5.7	6.1	5.7	5.4
AMBASSADOR	4.2	5.2	5.2	5.3	5.6	5.7	5.6	5.3
TREAZURE II (PST-4TZ)	4.3	4.9	5.7	5.1	5.1	5.7	5.4	5.3
LACROSSE (IS-FRC 17)	4.3	5.1	5.2	5.0	5.4	5.8	5.3	5.3
SR 5130 (SRX 51G)	4.3	5.2	5.1	4.9	5.3	5.7	5.3	5.2
ZODIAC (BUR 4601)	3.8	5.3	5.3	4.9	5.1	5.3	5.2	5.1
DP 77-9885	3.7	5.1	5.2	5.1	5.3	5.3	5.0	5.1
J-5 (JAMESTOWN 5)	3.8	4.7	4.9	4.8	5.0	5.6	5.1	4.9
DP 77-9886	3.7	4.7	5.0	4.8	5.0	5.4	5.1	4.9
CASCADE	3.8	4.4	4.7	5.1	5.4	4.9	5.1	4.9
MUSICA	4.0	4.6	4.6	4.9	4.6	4.9	4.4	4.6
LSD VALUE	0.9	0.8	0.6	0.8	0.8	1.1	0.7	0.6
C.V. (%)	19.5	16.8	12.5	17.5	16.7	21.7	15.0	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 4C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GARNET (PICK CRF 1-03)	4.3	5.7	5.8	6.1	6.3	6.2	6.1	5.9
PST-8000	4.0	5.2	5.7	6.2	6.3	6.1	6.2	5.8
CARDINAL (IS-FRR 30)	4.2	5.3	5.9	5.8	5.9	5.9	5.8	5.6
DP 77-9578	3.7	5.0	5.6	5.7	6.0	6.2	5.9	5.6
DP 77-9360	3.5	4.9	5.7	6.1	6.1	5.9	5.8	5.5
JASPER II	3.7	5.3	5.6	5.9	5.8	5.8	5.7	5.5
EPIC (5001)	3.7	4.8	5.6	6.0	5.7	5.9	5.9	5.5
TL1	3.2	4.3	5.2	5.9	6.1	6.1	6.2	5.4
BMXC-S02	4.2	5.2	5.3	5.4	5.8	5.8	5.4	5.4
RAZOR	4.0	5.0	5.0	5.8	5.6	5.9	5.9	5.4
C-SMX	3.7	5.0	5.6	5.6	5.6	5.9	5.6	5.4
WENDY JEAN (C03-RCE)	4.0	5.1	4.8	5.4	5.6	5.8	5.7	5.3
AUDUBON	3.7	4.6	5.2	5.2	5.8	5.9	5.6	5.2
FORTITUDE (TL 53)	3.7	4.7	4.7	5.2	5.8	5.9	5.4	5.2
C03-4676	3.2	4.1	4.7	5.4	5.9	6.2	5.8	5.2
CLASS ONE (IS-FRR 29)	3.2	4.3	5.1	5.6	5.8	5.8	5.3	5.1
DP 77-9579	3.0	5.0	5.3	5.2	5.2	5.6	5.3	5.1
SPLENDOR (ASC 245)	3.0	4.8	5.2	5.7	5.7	5.2	5.2	5.1
CELESTIAL	3.3	4.6	4.8	5.1	5.7	5.9	5.4	5.1
IS-FRR 23	3.2	4.6	4.4	4.9	5.8	5.8	5.4	5.0
PATHFINDER	3.3	4.2	5.0	5.2	5.3	5.6	5.3	5.0
DLF-RCM	3.5	4.7	4.8	5.0	5.2	5.6	5.2	4.9
SHADEMASTER	2.7	3.2	4.3	4.8	4.9	5.2	4.8	4.4
BOREAL	3.0	3.9	4.1	4.4	4.2	4.3	4.8	4.2
ORACLE	2.3	3.6	4.1	4.4	4.3	4.6	4.7	4.1
LSD VALUE	1.0	1.1	0.7	0.9	0.8	1.0	0.7	0.6
C.V. (%)	24.2	24.5	15.1	17.0	15.9	18.0	13.4	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 4D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS FOR EACH MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/ 2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
RELIANT IV (A01630REL)	4.3	5.3	5.9	6.1	6.1	6.2	6.1	5.8
SPARTAN II (PICK HF #2)	4.2	5.0	5.7	6.6	5.9	6.2	6.2	5.8
FIREFLY (SPM)	4.0	4.7	5.8	6.0	6.0	6.3	6.0	5.6
GOTHAM (IS-FL 28)	4.0	4.9	5.9	6.0	6.0	5.8	6.1	5.6
PREDATOR	4.0	5.1	5.6	6.1	5.8	6.0	6.0	5.6
OXFORD	3.7	4.6	5.8	6.1	6.3	6.0	6.0	5.6
BERKSHIRE	4.0	4.8	5.6	5.8	6.0	5.8	5.8	5.5
SCALDIS	3.2	5.0	5.3	5.7	5.6	5.4	5.7	5.2
SRX 3K	3.2	4.2	5.2	6.0	5.8	5.2	5.2	5.1
SR 3000	3.0	4.2	5.4	5.6	5.6	5.6	5.3	5.1
QUATRO	3.3	3.8	4.9	5.1	5.7	5.1	5.3	4.8
LSD VALUE	1.3	1.2	0.6	0.9	1.3	1.2	0.9	0.6
C.V. (%)	30.5	27.1	11.8	17.1	23.5	22.2	17.1	12.6

TABLE 4E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/ 2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SHORELINE (SRX 55R)	3.5	5.1	5.4	5.4	5.8	5.4	5.4	5.3
SEABREEZE	2.5	4.7	5.1	5.3	5.6	5.6	5.4	5.0
DAWSON E	2.8	4.1	4.7	5.1	4.9	5.1	4.8	4.6
LSD VALUE	0.8	1.0	0.6	0.8	0.9	0.8	0.7	0.6
C.V. (%)	24.5	22.4	12.1	15.9	17.2	15.8	13.5	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.

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
EPIC (5001)	7.2	5.3	6.3
CARDINAL (IS-FRR 30)	7.2	4.9	6.1
MUSICA	6.6	5.4	6.0
FORTITUDE (TL 53)	7.3	4.7	6.0
TREAZURE II (PST-4TZ)	6.2	5.8	6.0
WENDY JEAN (C03-RCE)	7.0	4.9	6.0
ZODIAC (BUR 4601)	6.4	5.3	5.9
COMPASS (ACF 188)	6.9	4.8	5.9
DP 77-9886	6.2	5.4	5.8
C-SMX	6.9	4.7	5.8
AMBASSADOR	6.3	5.2	5.8
DAWSON E	6.8	4.7	5.8
LACROSSE (IS-FRC 17)	6.5	5.0	5.8
BMXC-S02	6.9	4.5	5.7
GARNET (PICK CRF 1-03)	6.6	4.8	5.7
SR 5130 (SRX 51G)	6.4	5.1	5.7
CASCADE	6.4	4.9	5.6
DLF-RCM	6.7	4.6	5.6
PST-8000	6.2	5.0	5.6
PATHFINDER	6.4	4.9	5.6
DP 77-9360	6.4	4.9	5.6
JASPER II	6.5	4.7	5.6
RELIANT IV (A01630REL)	6.2	5.0	5.6
CULUMBRA II (ACF 174)	6.3	4.9	5.6
CELESTIAL	6.8	4.4	5.6
IS-FRR 23	6.5	4.7	5.6
SHORELINE (SRX 55R)	6.4	4.7	5.6
CLASS ONE (IS-FRR 29)	6.5	4.6	5.5
J-5 (JAMESTOWN 5)	6.6	4.5	5.5
DP 77-9885	6.8	4.2	5.5
RAZOR	6.5	4.6	5.5
DP 77-9578	6.4	4.6	5.5
LONGFELLOW II	6.4	4.6	5.5
SPARTAN II (PICK HF #2)	6.1	4.9	5.5
SEABREEZE	6.3	4.6	5.5
TL1	6.4	4.6	5.5
7 SEAS	6.2	4.7	5.4
OXFORD	6.0	4.8	5.4
ORACLE	6.4	4.4	5.4
SPLENDOR (ASC 245)	6.4	4.4	5.4
DP 77-9579	6.3	4.5	5.4
C03-4676	6.5	4.2	5.4
BERKSHIRE	6.0	4.7	5.3
SHADEMASTER	6.5	4.0	5.3

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
BOREAL	6.2	4.2	5.2
SR 3000	6.0	4.3	5.2
PREDATOR	6.0	4.2	5.1
FIREFLY (SPM)	5.8	4.4	5.1
GOTHAM (IS-FL 28)	5.5	4.6	5.0
QUATRO	5.6	4.4	5.0
AUDUBON	6.0	4.0	5.0
SRX 3K	6.0	4.0	5.0
SCALDIS	5.8	4.0	4.9
LSD VALUE	1.1	0.6	0.7
C.V. (%)	10.8	8.6	10.3

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
MUSICA	6.6	5.4	6.0
TREAZURE II (PST-4TZ)	6.2	5.8	6.0
ZODIAC (BUR 4601)	6.4	5.3	5.9
COMPASS (ACF 188)	6.9	4.8	5.9
DP 77-9886	6.2	5.4	5.8
AMBASSADOR	6.3	5.2	5.8
LACROSSE (IS-FRC 17)	6.5	5.0	5.8
SR 5130 (SRX 51G)	6.4	5.1	5.7
CASCADE	6.4	4.9	5.6
CULUMBRA II (ACF 174)	6.3	4.9	5.6
J-5 (JAMESTOWN 5)	6.6	4.5	5.5
DP 77-9885	6.8	4.2	5.5
LONGFELLOW II	6.4	4.6	5.5
7 SEAS	6.2	4.7	5.4
LSD VALUE	1.0	0.7	0.6
C.V. (%)	9.4	8.7	9.2

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 5C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
EPIC (5001)	7.2	5.3	6.3
CARDINAL (IS-FRR 30)	7.2	4.9	6.1
FORTITUDE (TL 53)	7.3	4.7	6.0
WENDY JEAN (C03-RCE)	7.0	4.9	6.0
C-SMX	6.9	4.7	5.8
BMXC-S02	6.9	4.5	5.7
GARNET (PICK CRF 1-03)	6.6	4.8	5.7
DLF-RCM	6.7	4.6	5.6
PST-8000	6.2	5.0	5.6
PATHFINDER	6.4	4.9	5.6
DP 77-9360	6.4	4.9	5.6
JASPER II	6.5	4.7	5.6
CELESTIAL	6.8	4.4	5.6
IS-FRR 23	6.5	4.7	5.6
CLASS ONE (IS-FRR 29)	6.5	4.6	5.5
RAZOR	6.5	4.6	5.5
DP 77-9578	6.4	4.6	5.5
TL1	6.4	4.6	5.5
ORACLE	6.4	4.4	5.4
SPLENDOR (ASC 245)	6.4	4.4	5.4
DP 77-9579	6.3	4.5	5.4
C03-4676	6.5	4.2	5.4
SHADEMASTER	6.5	4.0	5.3
BOREAL	6.2	4.2	5.2
AUDUBON	6.0	4.0	5.0
LSD VALUE	1.1	0.6	0.6
C.V. (%)	10.6	8.0	10.1

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 5D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
RELIANT IV (A01630REL)	6.2	5.0	5.6
SPARTAN II (PICK HF #2)	6.1	4.9	5.5
OXFORD	6.0	4.8	5.4
BERKSHIRE	6.0	4.7	5.3
SR 3000	6.0	4.3	5.2
PREDATOR	6.0	4.2	5.1
FIREFLY (SPM)	5.8	4.4	5.1
GOTHAM (IS-FL 28)	5.5	4.6	5.0
QUATRO	5.6	4.4	5.0
SRX 3K	6.0	4.0	5.0
SCALDIS	5.8	4.0	4.9
LSD VALUE	1.3	0.7	0.7
C.V. (%)	13.5	10.0	12.6

TABLE 5E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWO LOCATIONS IN THE PACIFIC REGION 1/
2004-07 DATA

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

NAME	CA8	WA3	MEAN
DAWSON E	6.8	4.7	5.8
SHORELINE (SRX 55R)	6.4	4.7	5.6
SEABREEZE	6.3	4.6	5.5
LSD VALUE	0.9	0.5	0.6
C.V. (%)	8.8	7.2	8.7

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 6A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
WENDY JEAN (C03-RCE)	7.7	7.6	7.6	7.2	8.2	8.3	8.6	8.5	8.6	8.6	7.8	8.1	8.1
BMXC-S02	7.8	7.6	7.6	7.3	7.4	7.9	8.3	8.1	8.3	7.9	7.9	8.3	7.9
C-SMX	7.7	7.7	8.1	7.1	7.8	7.8	8.2	8.3	8.2	8.2	7.8	7.6	7.8
CLASS ONE (IS-FRR 29)	7.7	7.0	7.3	7.1	7.8	8.2	8.3	8.3	8.3	7.9	7.8	7.8	7.8
DLF-RCM	7.6	7.7	7.7	7.6	7.9	7.4	8.5	8.1	8.3	7.9	7.8	7.3	7.8
DP 77-9578	7.0	7.3	7.1	7.0	8.0	7.9	8.6	8.0	8.5	7.9	7.8	7.8	7.8
EPIC (5001)	7.3	7.8	7.6	6.8	7.4	7.6	8.3	8.1	8.4	8.3	7.8	8.4	7.8
CARDINAL (IS-FRR 30)	7.6	7.8	7.9	7.1	7.3	7.0	8.1	7.8	8.1	8.0	7.9	7.7	7.7
DAWSON E	7.0	7.2	7.6	7.3	7.9	7.8	7.8	8.3	8.3	8.3	7.8	8.0	7.7
J-5 (JAMESTOWN 5)	7.3	7.0	7.1	6.9	7.7	7.9	8.1	7.8	8.2	8.0	7.6	7.9	7.6
SHADEMASTER	7.2	7.0	7.3	6.7	7.7	7.9	8.1	7.8	8.4	8.0	7.6	8.2	7.6
COMPASS (ACF 188)	7.6	7.3	7.4	6.7	7.1	7.3	7.8	7.5	8.3	7.5	7.6	7.9	7.5
IS-FRR 23	7.4	7.6	7.3	6.4	7.3	7.7	7.8	7.6	8.0	7.5	7.8	7.3	7.5
JASPER II	7.6	6.9	7.4	6.8	7.6	7.3	8.2	7.7	7.9	7.6	7.7	7.3	7.5
LONGFELLOW II	7.1	6.8	7.0	6.4	7.4	7.0	8.2	7.8	7.9	8.0	7.5	7.8	7.5
BOREAL	7.3	7.0	7.0	6.6	7.7	7.6	8.0	7.7	7.9	7.7	7.7	7.6	7.4
CULUMBRA II (ACF 174)	6.9	6.8	6.6	6.4	8.0	8.1	7.9	7.6	7.6	7.6	7.5	7.3	7.4
DP 77-9579	6.9	7.0	7.3	6.3	7.6	7.6	8.2	7.8	7.8	7.8	7.3	7.5	7.4
GARNET (PICK CRF 1-03)	7.4	7.0	7.0	7.0	7.2	7.6	8.0	7.8	7.9	7.8	7.5	7.4	7.4
SHORELINE (SRX 55R)	7.4	7.1	7.3	7.0	7.6	7.1	7.4	7.3	7.4	7.6	7.5	7.5	7.4
CASCADE	7.3	6.8	7.0	6.0	7.7	7.3	7.4	7.5	7.8	7.4	7.2	7.6	7.3
DP 77-9360	7.2	7.1	7.2	6.8	7.1	7.1	7.9	7.8	8.0	7.7	7.3	7.6	7.3
FORTITUDE (TL 53)	7.0	7.2	7.4	7.1	7.3	7.1	7.3	7.4	7.2	7.5	7.3	7.5	7.3
PATHFINDER	6.9	6.6	7.2	6.9	7.4	7.9	7.8	8.1	7.8	7.3	7.3	7.0	7.3
RELIANT IV (A01630REL)	7.2	6.9	7.1	7.0	7.2	7.6	7.6	7.4	7.4	7.5	7.4	7.2	7.3
SEABREEZE	7.0	6.4	6.6	6.7	7.6	7.8	8.1	7.8	8.0	7.3	7.6	8.0	7.3
TL1	7.2	6.7	6.7	6.3	7.0	7.7	7.8	7.4	7.7	7.5	7.3	7.4	7.3
MUSICA	6.8	7.0	7.3	6.6	6.9	6.6	7.4	7.3	7.8	7.3	7.3	7.3	7.2
OXFORD	6.6	6.3	6.0	6.7	7.3	7.8	7.6	7.2	7.8	7.9	7.8	8.2	7.2
SPLENDOR (ASC 245)	7.0	6.3	6.1	6.3	7.3	8.0	8.2	7.7	8.0	7.1	7.2	7.7	7.2
CELESTIAL	7.4	6.9	7.2	6.7	6.9	6.8	7.0	7.3	7.2	7.2	7.2	7.6	7.1
AUDUBON	7.1	7.1	6.7	6.4	6.8	6.1	7.0	7.0	7.3	7.3	7.2	7.2	7.0
ORACLE	7.1	7.0	6.9	6.4	7.3	7.1	7.4	6.8	7.3	7.0	6.7	7.2	7.0
SR 3000	6.6	6.4	6.6	6.7	7.8	7.2	7.1	6.9	7.3	7.3	7.3	7.1	7.0
TREAZURE II (PST-4TZ)	6.9	6.2	6.4	6.1	7.2	8.0	7.4	7.1	7.5	7.0	7.3	6.8	7.0
ZODIAC (BUR 4601)	6.6	6.6	6.9	6.0	7.2	7.3	7.5	6.8	7.4	7.3	7.4	7.3	7.0
7 SEAS	6.7	6.8	6.7	5.8	6.4	6.8	6.7	6.9	7.2	7.2	7.3	6.8	6.9
C03-4676	6.8	6.8	6.6	6.4	7.0	6.9	7.2	6.8	7.3	6.8	6.8	7.1	6.9
RAZOR	7.2	7.0	7.0	6.3	7.0	6.6	7.8	7.2	6.7	6.4	6.5	7.0	6.9
AMBASSADOR	6.7	6.2	6.4	5.9	7.0	6.4	7.2	7.2	7.2	7.1	6.7	7.3	6.8
PST-8000	6.4	6.3	6.3	6.3	6.3	7.1	7.3	7.3	7.1	6.4	6.5	6.8	6.7
SR 5130 (SRX 51G)	6.6	6.7	6.9	5.7	5.8	6.8	6.8	7.0	6.9	6.8	7.2	6.5	6.7
SRX 3K	5.8	6.6	5.7	6.1	6.8	7.0	6.6	6.5	7.1	7.3	7.1	7.1	6.7
DP 77-9885	6.3	6.7	7.0	6.2	6.2	6.2	6.3	6.3	6.3	6.8	6.6	7.2	6.6
DP 77-9886	6.3	6.8	7.0	6.2	6.3	5.8	6.3	6.9	7.0	6.8	6.9	6.9	6.6

TABLE 6A.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LACROSSE (IS-FRC 17)	6.7	6.4	6.6	6.3	6.2	6.9	6.8	6.6	5.8	6.5	6.4	6.8	6.6
BERKSHIRE	6.0	6.1	5.4	6.8	7.0	7.0	7.3	6.3	6.3	6.6	6.5	6.8	6.4
FIREFLY (SPM)	5.4	5.7	5.8	5.7	6.1	6.4	7.2	7.2	6.8	6.9	6.5	6.7	6.3
GOTHAM (IS-FL 28)	6.3	5.7	5.4	5.6	6.4	6.4	6.5	6.2	6.4	6.5	6.3	7.1	6.2
QUATRO	6.4	5.8	5.8	5.1	5.9	6.0	6.5	5.8	7.2	6.6	6.7	6.9	6.2
PREDATOR	5.7	5.3	5.0	6.0	6.6	5.9	6.8	6.3	5.9	6.3	6.3	7.0	6.1
SCALDIS	6.2	5.6	6.2	6.2	6.9	5.8	6.8	6.4	6.0	6.3	6.1	6.6	6.1
SPARTAN II (PICK HF #2)	5.6	5.7	5.3	5.7	6.0	6.6	5.7	5.9	6.6	6.3	6.2	6.9	6.1
LSD VALUE	1.6	1.5	1.4	2.4	2.2	2.3	1.3	1.2	1.2	1.1	1.1	1.0	0.7
C.V. (%)	18.6	18.3	19.3	21.1	20.4	22.4	18.7	18.7	18.7	16.9	16.1	14.3	11.8

TABLE 6B.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
J-5 (JAMESTOWN 5)	7.3	7.0	7.1	6.9	7.7	7.9	8.1	7.8	8.2	8.0	7.6	7.9	7.6
COMPASS (ACF 188)	7.6	7.3	7.4	6.7	7.1	7.3	7.8	7.5	8.3	7.5	7.6	7.9	7.5
LONGFELLOW II	7.1	6.8	7.0	6.4	7.4	7.0	8.2	7.8	7.9	8.0	7.5	7.8	7.5
CULUMBRA II (ACF 174)	6.9	6.8	6.6	6.4	8.0	8.1	7.9	7.6	7.6	7.6	7.5	7.3	7.4
CASCADE	7.3	6.8	7.0	6.0	7.7	7.3	7.4	7.5	7.8	7.4	7.2	7.6	7.3
MUSICA	6.8	7.0	7.3	6.6	6.9	6.6	7.4	7.3	7.8	7.3	7.3	7.3	7.2
TREAZURE II (PST-4TZ)	6.9	6.2	6.4	6.1	7.2	8.0	7.4	7.1	7.5	7.0	7.3	6.8	7.0
ZODIAC (BUR 4601)	6.6	6.6	6.9	6.0	7.2	7.3	7.5	6.8	7.4	7.3	7.4	7.3	7.0
7 SEAS	6.7	6.8	6.7	5.8	6.4	6.8	6.7	6.9	7.2	7.2	7.3	6.8	6.9
AMBASSADOR	6.7	6.2	6.4	5.9	7.0	6.4	7.2	7.2	7.2	7.1	6.7	7.3	6.8
SR 5130 (SRX 51G)	6.6	6.7	6.9	5.7	5.8	6.8	6.8	7.0	6.9	6.8	7.2	6.5	6.7
DP 77-9885	6.3	6.7	7.0	6.2	6.2	6.2	6.3	6.3	6.3	6.8	6.6	7.2	6.6
DP 77-9886	6.3	6.8	7.0	6.2	6.3	5.8	6.3	6.9	7.0	6.8	6.9	6.9	6.6
LACROSSE (IS-FRC 17)	6.7	6.4	6.6	6.3	6.2	6.9	6.8	6.6	5.8	6.5	6.4	6.8	6.6
LSD VALUE	1.9	2.0	1.9	2.2	1.8	2.2	1.6	1.6	1.2	1.3	1.4	1.1	0.7
C.V. (%)	16.6	15.8	15.4	19.1	20.7	23.1	20.9	18.4	18.9	16.4	15.5	14.5	10.4

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 6C.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
WENDY JEAN (C03-RCE)	7.7	7.6	7.6	7.2	8.2	8.3	8.6	8.5	8.6	8.6	7.8	8.1	8.1
BMXC-S02	7.8	7.6	7.6	7.3	7.4	7.9	8.3	8.1	8.3	7.9	7.9	8.3	7.9
C-SMX	7.7	7.7	8.1	7.1	7.8	7.8	8.2	8.3	8.2	8.2	7.8	7.6	7.8
CLASS ONE (IS-FRR 29)	7.7	7.0	7.3	7.1	7.8	8.2	8.3	8.3	8.3	7.9	7.8	7.8	7.8
DLF-RCM	7.6	7.7	7.7	7.6	7.9	7.4	8.5	8.1	8.3	7.9	7.8	7.3	7.8
DP 77-9578	7.0	7.3	7.1	7.0	8.0	7.9	8.6	8.0	8.5	7.9	7.8	7.8	7.8
EPIC (5001)	7.3	7.8	7.6	6.8	7.4	7.6	8.3	8.1	8.4	8.3	7.8	8.4	7.8
CARDINAL (IS-FRR 30)	7.6	7.8	7.9	7.1	7.3	7.0	8.1	7.8	8.1	8.0	7.9	7.7	7.7
SHADEMASTER	7.2	7.0	7.3	6.7	7.7	7.9	8.1	7.8	8.4	8.0	7.6	8.2	7.6
IS-FRR 23	7.4	7.6	7.3	6.4	7.3	7.7	7.8	7.6	8.0	7.5	7.8	7.3	7.5
JASPER II	7.6	6.9	7.4	6.8	7.6	7.3	8.2	7.7	7.9	7.6	7.7	7.3	7.5
BOREAL	7.3	7.0	7.0	6.6	7.7	7.6	8.0	7.7	7.9	7.7	7.7	7.6	7.4
DP 77-9579	6.9	7.0	7.3	6.3	7.6	7.6	8.2	7.8	7.8	7.8	7.3	7.5	7.4
GARNET (PICK CRF 1-03)	7.4	7.0	7.0	7.0	7.2	7.6	8.0	7.8	7.9	7.8	7.5	7.4	7.4
DP 77-9360	7.2	7.1	7.2	6.8	7.1	7.1	7.9	7.8	8.0	7.7	7.3	7.6	7.3
FORTITUDE (TL 53)	7.0	7.2	7.4	7.1	7.3	7.1	7.3	7.4	7.2	7.5	7.3	7.5	7.3
PATHFINDER	6.9	6.6	7.2	6.9	7.4	7.9	7.8	8.1	7.8	7.3	7.3	7.0	7.3
TL1	7.2	6.7	6.7	6.3	7.0	7.7	7.8	7.4	7.7	7.5	7.3	7.4	7.3
SPLENDOR (ASC 245)	7.0	6.3	6.1	6.3	7.3	8.0	8.2	7.7	8.0	7.1	7.2	7.7	7.2
CELESTIAL	7.4	6.9	7.2	6.7	6.9	6.8	7.0	7.3	7.2	7.2	7.2	7.6	7.1
AUDUBON	7.1	7.1	6.7	6.4	6.8	6.1	7.0	7.0	7.3	7.3	7.2	7.2	7.0
ORACLE	7.1	7.0	6.9	6.4	7.3	7.1	7.4	6.8	7.3	7.0	6.7	7.2	7.0
C03-4676	6.8	6.8	6.6	6.4	7.0	6.9	7.2	6.8	7.3	6.8	6.8	7.1	6.9
RAZOR	7.2	7.0	7.0	6.3	7.0	6.6	7.8	7.2	6.7	6.4	6.5	7.0	6.9
PST-8000	6.4	6.3	6.3	6.3	6.3	7.1	7.3	7.3	7.1	6.4	6.5	6.8	6.7
LSD VALUE	2.8	2.0	2.0	3.2	3.2	2.8	1.5	1.6	1.4	1.1	1.2	1.0	0.7
C.V. (%)	16.6	16.3	17.4	20.0	19.5	20.6	16.3	16.9	16.8	15.3	14.8	13.1	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 6D.

MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
RELIANT IV (A01630REL)	7.2	6.9	7.1	7.0	7.2	7.6	7.6	7.4	7.4	7.5	7.4	7.2	7.3
OXFORD	6.6	6.3	6.0	6.7	7.3	7.8	7.6	7.2	7.8	7.9	7.8	8.2	7.2
SR 3000	6.6	6.4	6.6	6.7	7.8	7.2	7.1	6.9	7.3	7.3	7.3	7.1	7.0
SRX 3K	5.8	6.6	5.7	6.1	6.8	7.0	6.6	6.5	7.1	7.3	7.1	7.1	6.7
BERKSHIRE	6.0	6.1	5.4	6.8	7.0	7.0	7.3	6.3	6.3	6.6	6.5	6.8	6.4
FIREFLY (SPM)	5.4	5.7	5.8	5.7	6.1	6.4	7.2	7.2	6.8	6.9	6.5	6.7	6.3
GOTHAM (IS-FL 28)	6.3	5.7	5.4	5.6	6.4	6.4	6.5	6.2	6.4	6.5	6.3	7.1	6.2
QUATRO	6.4	5.8	5.8	5.1	5.9	6.0	6.5	5.8	7.2	6.6	6.7	6.9	6.2
PREDATOR	5.7	5.3	5.0	6.0	6.6	5.9	6.8	6.3	5.9	6.3	6.3	7.0	6.1
SCALDIS	6.2	5.6	6.2	6.2	6.9	5.8	6.8	6.4	6.0	6.3	6.1	6.6	6.1
SPARTAN II (PICK HF #2)	5.6	5.7	5.3	5.7	6.0	6.6	5.7	5.9	6.6	6.3	6.2	6.9	6.1
LSD VALUE	2.4	2.5	2.6	2.4	2.2	2.7	1.7	2.0	1.7	1.6	1.4	1.4	1.1
C.V. (%)	25.3	25.9	29.2	26.8	22.9	27.3	22.2	24.6	23.5	21.3	20.5	16.8	17.0

TABLE 6E.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT PALO ALTO, CA 1/
2004-07 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DAWSON E	7.0	7.2	7.6	7.3	7.9	7.8	7.8	8.3	8.3	8.3	7.8	8.0	7.7
SHORELINE (SRX 55R)	7.4	7.1	7.3	7.0	7.6	7.1	7.4	7.3	7.4	7.6	7.5	7.5	7.4
SEABREEZE	7.0	6.4	6.6	6.7	7.6	7.8	8.1	7.8	8.0	7.3	7.6	8.0	7.3
LSD VALUE	1.8	1.6	1.0	1.4	1.7	1.6	1.5	1.1	1.3	1.2	1.2	1.1	0.8
C.V. (%)	19.9	19.1	13.1	17.0	17.5	17.7	18.6	15.0	16.7	16.7	14.2	13.9	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 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS					QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
EPIC (5001)	3.0	8.3	56.7	76.7	70.8	1.0	1.7	6.3	6.7	7.0	8.0	7.2	7.7	7.3	6.9
DP 77-9579	3.0	9.0	57.0	76.7	70.0	3.0	6.0	6.2	7.0	4.7	5.0	7.0	6.0	7.0	6.7
BMXC-S02	3.3	8.7	55.4	83.0	70.8	3.7	4.3	6.2	7.0	7.0	6.7	6.8	6.7	7.0	6.6
CLASS ONE (IS-FRR 29)	3.3	8.3	55.8	76.7	59.2	1.3	1.7	6.2	6.3	6.0	6.7	6.8	5.7	7.3	6.6
SR 5130 (SRX 51G)	2.7	7.3	64.8	73.3	67.5	11.7	14.0	6.8	7.0	6.7	6.7	6.7	5.7	6.0	6.6
CELESTIAL	3.0	9.0	63.8	89.7	75.0	1.0	3.0	7.0	7.7	6.0	6.0	6.0	6.0	7.0	6.5
IS-FRR 23	2.7	9.0	55.4	73.3	67.5	1.0	2.3	6.7	6.0	6.0	6.3	6.3	5.7	7.0	6.5
J-5 (JAMESTOWN 5)	3.3	8.0	57.5	76.3	67.5	10.0	7.3	6.5	6.7	7.0	6.7	6.2	5.3	6.0	6.5
TL1	3.3	7.7	55.8	80.0	72.5	3.0	2.7	6.3	7.0	6.0	7.0	6.7	6.0	6.0	6.5
CARDINAL (IS-FRR 30)	3.3	8.0	56.3	70.0	62.5	2.7	4.0	6.0	5.0	5.7	5.7	7.0	6.0	6.3	6.4
DLF-RCM	3.0	8.0	59.2	66.7	70.8	3.7	7.3	6.2	6.0	5.0	5.0	6.5	7.3	6.7	6.4
GARNET (PICK CRF 1-03)	3.3	8.3	57.1	73.3	66.7	1.0	2.3	6.0	6.7	6.0	5.3	6.2	6.0	7.7	6.4
TREAZURE II (PST-4TZ)	2.7	8.0	64.2	76.7	72.5	10.0	9.0	5.5	7.0	6.3	6.3	7.0	6.0	6.7	6.4
BOREAL	2.7	9.0	59.1	53.3	62.5	5.7	4.7	6.3	5.7	4.3	4.3	6.5	5.0	6.3	6.3
DP 77-9360	3.0	8.7	52.5	76.7	74.2	2.7	2.3	6.7	6.3	5.0	5.3	6.0	5.7	7.3	6.3
DP 77-9578	3.0	8.3	54.9	60.0	65.0	2.0	3.0	5.8	5.3	3.7	4.3	6.7	5.7	6.7	6.3
OXFORD	3.3	8.3	62.9	73.3	78.3	2.0	2.7	5.8	6.0	7.0	6.7	6.3	5.7	6.0	6.3
PATHFINDER	3.0	8.3	56.6	60.0	76.7	2.0	2.7	6.5	5.0	4.7	4.7	6.3	6.7	6.3	6.3
C03-4676	3.7	7.3	51.7	56.7	57.5	8.3	10.0	5.7	4.7	5.0	4.7	7.0	5.3	6.3	6.2
DP 77-9885	3.0	7.7	54.6	73.0	67.5	3.7	8.3	6.3	7.0	6.7	7.0	5.7	5.7	5.7	6.2
QUATRO	2.7	9.0	67.0	89.7	61.7	1.0	0.7	7.0	7.7	7.0	5.7	5.2	4.3	5.7	6.2
RAZOR	2.3	9.0	58.8	83.3	73.2	2.0	2.0	6.3	7.3	6.0	4.7	5.8	6.0	6.3	6.2
ZODIAC (BUR 4601)	3.0	6.7	57.1	73.3	70.8	4.0	5.7	5.8	6.3	7.7	6.7	6.0	5.0	7.0	6.2
FORTITUDE (TL 53)	2.7	8.0	55.4	66.7	70.0	1.0	2.3	5.8	5.7	6.0	6.0	6.5	5.7	7.3	6.1
LONGFELLOW II	3.0	5.7	58.3	73.3	63.3	13.3	8.3	5.8	6.0	6.0	4.7	6.2	5.7	6.0	6.1
PREDATOR	3.0	8.7	64.6	82.7	83.3	2.0	1.7	7.0	7.7	7.3	7.0	5.2	4.0	4.7	6.1
SPLENDOR (ASC 245)	3.7	8.0	54.9	66.7	66.7	2.0	2.0	6.3	6.3	6.0	4.7	5.8	4.7	6.0	6.1
SRX 3K	3.0	8.3	58.3	70.0	75.8	1.3	1.7	6.2	6.7	6.7	6.3	5.5	4.7	4.7	6.1
BERKSHIRE	3.3	8.3	63.8	60.0	60.0	2.0	1.7	6.5	5.7	6.3	6.3	5.3	3.3	4.3	6.0
PST-8000	3.3	8.0	59.2	53.3	65.3	1.3	3.7	5.7	4.7	4.0	5.7	7.0	5.3	7.3	6.0
C-SMX	3.7	8.3	56.7	50.0	60.0	2.7	5.7	5.7	4.7	4.3	4.3	6.2	4.3	6.7	5.9
COMPASS (ACF 188)	3.0	7.0	58.8	76.7	58.3	16.7	13.3	6.2	7.0	7.0	6.0	5.2	5.3	6.3	5.9
CULUMBRA II (ACF 174)	3.3	6.7	59.9	66.7	62.5	16.7	15.0	5.8	6.0	6.0	5.0	6.0	5.0	6.0	5.9
FIREFLY (SPM)	2.7	8.0	65.8	80.0	75.8	1.3	2.0	6.3	6.7	7.3	5.7	5.0	4.0	5.7	5.9
GOTHAM (IS-FL 28)	3.3	9.0	61.6	86.7	62.5	1.0	1.0	6.8	8.0	6.7	7.7	4.3	3.7	4.7	5.9
RELIANT IV (A01630REL)	2.7	8.7	62.9	76.7	68.3	2.3	1.7	5.7	7.3	6.7	6.0	5.7	4.3	5.0	5.9
SR 3000	2.7	7.7	65.6	73.3	77.5	1.7	2.7	6.5	6.7	5.3	5.0	5.0	4.7	4.3	5.9
JASPER II	2.3	9.0	54.2	56.7	67.5	2.3	4.3	6.0	5.0	5.0	5.0	5.7	4.7	6.3	5.8
SPARTAN II (PICK HF #2)	3.0	9.0	69.1	93.0	72.5	1.7	2.3	6.3	8.3	8.3	7.3	4.5	4.3	5.3	5.8
AUDUBON	3.0	8.7	53.8	70.0	61.7	5.7	4.0	6.2	6.0	5.3	5.7	5.3	4.3	5.0	5.7
DP 77-9886	3.0	7.7	62.9	63.3	75.0	4.0	3.3	5.3	5.7	5.3	5.3	6.0	5.0	6.0	5.7
LACROSSE (IS-FRC 17)	3.3	8.0	56.3	66.7	53.3	5.0	6.7	5.5	5.7	6.0	5.3	5.8	5.7	6.7	5.7
SCALDIS	3.3	7.0	68.2	60.0	75.8	3.0	2.7	5.7	5.7	4.7	5.0	5.3	5.0	4.3	5.7
WENDY JEAN (C03-RCE)	3.7	8.7	57.9	53.3	63.3	2.0	3.0	5.7	5.0	5.0	4.7	5.8	5.7	6.7	5.7
AMBASSADOR	3.3	7.0	56.3	70.0	54.2	6.7	7.3	5.5	6.0	6.0	5.7	5.2	5.7	5.7	5.6

TABLE 7A. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS					QUALITY RATINGS				
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CASCADE	3.0	7.0	60.4	40.0	62.5	6.0	5.7	5.3	4.0	3.7	4.3	5.8	4.7	4.3	5.5
ORACLE	3.0	8.0	54.2	60.0	70.0	16.7	13.3	5.7	5.7	4.0	4.0	5.3	5.7	5.3	5.5
MUSICA	2.0	9.0	58.3	73.3	71.7	1.7	3.0	5.5	6.0	5.7	5.3	4.8	4.3	5.3	5.3
SHADEMASTER	2.3	8.7	52.5	56.7	72.5	1.0	1.3	5.5	4.7	3.7	3.3	5.0	3.3	4.7	5.3
SHORELINE (SRX 55R)	2.7	6.7	43.8	60.0	70.0	1.0	1.3	5.2	5.3	2.3	2.7	5.2	3.0	3.7	5.3
7 SEAS	3.3	7.7	58.8	60.0	58.3	21.7	16.0	5.7	6.0	5.3	4.0	4.7	4.3	4.3	5.2
DAWSON E	2.0	6.7	50.8	33.3	60.8	2.0	2.7	4.8	3.3	2.3	2.3	5.2	2.3	3.0	4.9
SEABREEZE	2.3	7.7	51.2	43.3	68.3	3.3	1.7	4.7	3.3	2.7	3.0	4.2	1.7	2.0	4.5
LSD VALUE	2.3	2.8	34.9	44.8	94.5	6.0	5.5	2.6	3.7	2.5	2.3	3.4	2.0	2.3	3.0
C.V. (%)	22.1	13.8	29.4	25.6	33.5	82.3	71.0	19.2	24.8	24.5	23.4	28.0	22.1	21.4	18.7

TABLE 7B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS					QUALITY RATINGS				
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
SR 5130 (SRX 51G)	2.7	7.3	64.8	73.3	67.5	11.7	14.0	6.8	7.0	6.7	6.7	6.7	5.7	6.0	6.6
J-5 (JAMESTOWN 5)	3.3	8.0	57.5	76.3	67.5	10.0	7.3	6.5	6.7	7.0	6.7	6.2	5.3	6.0	6.5
TREAZURE II (PST-4TZ)	2.7	8.0	64.2	76.7	72.5	10.0	9.0	5.5	7.0	6.3	6.3	7.0	6.0	6.7	6.4
DP 77-9885	3.0	7.7	54.6	73.0	67.5	3.7	8.3	6.3	7.0	6.7	7.0	5.7	5.7	5.7	6.2
ZODIAC (BUR 4601)	3.0	6.7	57.1	73.3	70.8	4.0	5.7	5.8	6.3	7.7	6.7	6.0	5.0	7.0	6.2
LONGFELLOW II	3.0	5.7	58.3	73.3	63.3	13.3	8.3	5.8	6.0	6.0	4.7	6.2	5.7	6.0	6.1
COMPASS (ACF 188)	3.0	7.0	58.8	76.7	58.3	16.7	13.3	6.2	7.0	7.0	6.0	5.2	5.3	6.3	5.9
CULUMBRA II (ACF 174)	3.3	6.7	59.9	66.7	62.5	16.7	15.0	5.8	6.0	6.0	5.0	6.0	5.0	6.0	5.9
DP 77-9886	3.0	7.7	62.9	63.3	75.0	4.0	3.3	5.3	5.7	5.3	5.3	6.0	5.0	6.0	5.7
LACROSSE (IS-FRC 17)	3.3	8.0	56.3	66.7	53.3	5.0	6.7	5.5	5.7	6.0	5.3	5.8	5.7	6.7	5.7
AMBASSADOR	3.3	7.0	56.3	70.0	54.2	6.7	7.3	5.5	6.0	6.0	5.7	5.2	5.7	5.7	5.6
CASCADE	3.0	7.0	60.4	40.0	62.5	6.0	5.7	5.3	4.0	3.7	4.3	5.8	4.7	4.3	5.5
MUSICA	2.0	9.0	58.3	73.3	71.7	1.7	3.0	5.5	6.0	5.7	5.3	4.8	4.3	5.3	5.3
7 SEAS	3.3	7.7	58.8	60.0	58.3	21.7	16.0	5.7	6.0	5.3	4.0	4.7	4.3	4.3	5.2
LSD VALUE	1.9	3.7	28.8	45.1	66.9	11.2	8.5	1.7	3.6	2.4	1.5	2.2	2.9	2.3	1.4
C.V. (%)	22.1	18.5	26.8	24.0	41.0	61.5	49.5	16.6	21.6	18.7	14.7	22.5	19.3	17.2	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 7C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS					QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
EPIC (5001)	3.0	8.3	56.7	76.7	70.8	1.0	1.7	6.3	6.7	7.0	8.0	7.2	7.7	7.3	6.9
DP 77-9579	3.0	9.0	57.0	76.7	70.0	3.0	6.0	6.2	7.0	4.7	5.0	7.0	6.0	7.0	6.7
BMXC-S02	3.3	8.7	55.4	83.0	70.8	3.7	4.3	6.2	7.0	7.0	6.7	6.8	6.7	7.0	6.6
CLASS ONE (IS-FRR 29)	3.3	8.3	55.8	76.7	59.2	1.3	1.7	6.2	6.3	6.0	6.7	6.8	5.7	7.3	6.6
CELESTIAL	3.0	9.0	63.8	89.7	75.0	1.0	3.0	7.0	7.7	6.0	6.0	6.0	6.0	7.0	6.5
IS-FRR 23	2.7	9.0	55.4	73.3	67.5	1.0	2.3	6.7	6.0	6.0	6.3	6.3	5.7	7.0	6.5
TL1	3.3	7.7	55.8	80.0	72.5	3.0	2.7	6.3	7.0	6.0	7.0	6.7	6.0	6.0	6.5
CARDINAL (IS-FRR 30)	3.3	8.0	56.3	70.0	62.5	2.7	4.0	6.0	5.0	5.7	5.7	7.0	6.0	6.3	6.4
DLF-RCM	3.0	8.0	59.2	66.7	70.8	3.7	7.3	6.2	6.0	5.0	5.0	6.5	7.3	6.7	6.4
GARNET (PICK CRF 1-03)	3.3	8.3	57.1	73.3	66.7	1.0	2.3	6.0	6.7	6.0	5.3	6.2	6.0	7.7	6.4
BOREAL	2.7	9.0	59.1	53.3	62.5	5.7	4.7	6.3	5.7	4.3	4.3	6.5	5.0	6.3	6.3
DP 77-9360	3.0	8.7	52.5	76.7	74.2	2.7	2.3	6.7	6.3	5.0	5.3	6.0	5.7	7.3	6.3
DP 77-9578	3.0	8.3	54.9	60.0	65.0	2.0	3.0	5.8	5.3	3.7	4.3	6.7	5.7	6.7	6.3
PATHFINDER	3.0	8.3	56.6	60.0	76.7	2.0	2.7	6.5	5.0	4.7	4.7	6.3	6.7	6.3	6.3
C03-4676	3.7	7.3	51.7	56.7	57.5	8.3	10.0	5.7	4.7	5.0	4.7	7.0	5.3	6.3	6.2
RAZOR	2.3	9.0	58.8	83.3	73.2	2.0	2.0	6.3	7.3	6.0	4.7	5.8	6.0	6.3	6.2
FORTITUDE (TL 53)	2.7	8.0	55.4	66.7	70.0	1.0	2.3	5.8	5.7	6.0	6.0	6.5	5.7	7.3	6.1
SPLENDOR (ASC 245)	3.7	8.0	54.9	66.7	66.7	2.0	2.0	6.3	6.3	6.0	4.7	5.8	4.7	6.0	6.1
PST-8000	3.3	8.0	59.2	53.3	65.3	1.3	3.7	5.7	4.7	4.0	5.7	7.0	5.3	7.3	6.0
C-SMX	3.7	8.3	56.7	50.0	60.0	2.7	5.7	5.7	4.7	4.3	4.3	6.2	4.3	6.7	5.9
JASPER II	2.3	9.0	54.2	56.7	67.5	2.3	4.3	6.0	5.0	5.0	5.0	5.7	4.7	6.3	5.8
AUDUBON	3.0	8.7	53.8	70.0	61.7	5.7	4.0	6.2	6.0	5.3	5.7	5.3	4.3	5.0	5.7
WENDY JEAN (C03-RCE)	3.7	8.7	57.9	53.3	63.3	2.0	3.0	5.7	5.0	5.0	4.7	5.8	5.7	6.7	5.7
ORACLE	3.0	8.0	54.2	60.0	70.0	16.7	13.3	5.7	5.7	4.0	4.0	5.3	5.7	5.3	5.5
SHADEMASTER	2.3	8.7	52.5	56.7	72.5	1.0	1.3	5.5	4.7	3.7	3.3	5.0	3.3	4.7	5.3
LSD VALUE	1.6	2.3	43.7	48.3	81.4	5.3	6.5	3.0	4.6	2.5	2.3	4.3	2.5	4.8	2.9
C.V. (%)	19.9	9.2	31.0	25.6	35.5	93.4	80.2	17.9	26.0	22.1	22.2	26.0	20.4	21.7	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.

TABLE 7D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS				QUALITY RATINGS					MEAN
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
OXFORD	3.3	8.3	62.9	73.3	78.3	2.0	2.7	5.8	6.0	7.0	6.7	6.3	5.7	6.0	6.3
QUATRO	2.7	9.0	67.0	89.7	61.7	1.0	0.7	7.0	7.7	7.0	5.7	5.2	4.3	5.7	6.2
PREDATOR	3.0	8.7	64.6	82.7	83.3	2.0	1.7	7.0	7.7	7.3	7.0	5.2	4.0	4.7	6.1
SRX 3K	3.0	8.3	58.3	70.0	75.8	1.3	1.7	6.2	6.7	6.7	6.3	5.5	4.7	4.7	6.1
BERKSHIRE	3.3	8.3	63.8	60.0	60.0	2.0	1.7	6.5	5.7	6.3	6.3	5.3	3.3	4.3	6.0
FIREFLY (SPM)	2.7	8.0	65.8	80.0	75.8	1.3	2.0	6.3	6.7	7.3	5.7	5.0	4.0	5.7	5.9
GOTHAM (IS-FL 28)	3.3	9.0	61.6	86.7	62.5	1.0	1.0	6.8	8.0	6.7	7.7	4.3	3.7	4.7	5.9
RELIANT IV (A01630REL)	2.7	8.7	62.9	76.7	68.3	2.3	1.7	5.7	7.3	6.7	6.0	5.7	4.3	5.0	5.9
SR 3000	2.7	7.7	65.6	73.3	77.5	1.7	2.7	6.5	6.7	5.3	5.0	5.0	4.7	4.3	5.9
SPARTAN II (PICK HF #2)	3.0	9.0	69.1	93.0	72.5	1.7	2.3	6.3	8.3	8.3	7.3	4.5	4.3	5.3	5.8
SCALDIS	3.3	7.0	68.2	60.0	75.8	3.0	2.7	5.7	5.7	4.7	5.0	5.3	5.0	4.3	5.7
LSD VALUE	1.5	1.9	30.3	28.3	17.5	2.7	3.6	1.9	3.0	3.0	3.4	3.0	2.2	2.1	2.1
C.V. (%)	18.1	9.9	27.7	17.1	17.3	59.2	69.9	16.6	18.5	19.8	21.8	28.6	21.2	17.7	14.7

TABLE 7E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEMONT, IL 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	SEEDHEAD RATINGS				QUALITY RATINGS					MEAN
			COVER SPRING	COVER SUMMER	COVER FALL	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
SHORELINE (SRX 55R)	2.7	6.7	43.8	60.0	70.0	1.0	1.3	5.2	5.3	2.3	2.7	5.2	3.0	3.7	5.3
DAWSON E	2.0	6.7	50.8	33.3	60.8	2.0	2.7	4.8	3.3	2.3	2.3	5.2	2.3	3.0	4.9
SEABREEZE	2.3	7.7	51.2	43.3	68.3	3.3	1.7	4.7	3.3	2.7	3.0	4.2	1.7	2.0	4.5
LSD VALUE	1.3	3.1	19.4	45.2	35.7	2.0	2.4	3.3	3.1	2.0	2.7	5.0	2.1	2.0	4.0
C.V. (%)	24.7	19.3	38.6	42.7	35.0	41.8	55.8	43.4	33.9	36.1	43.3	66.7	39.1	30.5	52.1

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 8A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	MAR	APR	QUALITY RATINGS				MEAN
									MAY	JUN	JUL	AUG	
DP 77-9886	7.0	8.0	53.3	6.3	4.0	56.7	7.0	8.0	7.3	8.3	7.7	7.0	7.6
ZODIAC (BUR 4601)	6.7	6.7	24.0	7.3	3.3	20.0	8.0	8.0	8.3	8.3	7.0	6.7	7.6
LACROSSE (IS-FRC 17)	7.0	8.3	22.3	7.7	4.0	56.7	8.0	8.0	7.7	6.7	6.8	8.0	7.4
GARNET (PICK CRF 1-03)	6.7	7.3	76.7	6.3	5.7	53.3	8.0	6.7	8.0	7.0	7.5	8.0	7.3
SEABREEZE	6.3	6.0	27.3	4.7	4.0	40.0	7.0	7.7	6.3	7.0	7.2	7.7	7.3
TREAZURE II (PST-4TZ)	8.3	7.3	18.3	7.0	7.3	61.7	8.0	6.7	7.7	6.7	7.2	6.3	7.1
IS-FRR 23	7.7	9.0	39.0	5.0	3.7	20.0	8.0	7.7	7.0	8.0	7.2	9.0	7.0
AMBASSADOR	7.7	7.0	36.7	6.7	3.3	16.7	8.0	7.3	8.3	8.0	6.8	6.0	6.9
DLF-RCM	6.3	8.3	68.3	6.0	4.0	36.7	7.0	6.3	6.7	8.3	7.3	7.7	6.9
JASPER II	7.7	7.7	66.7	5.7	3.3	33.3	7.7	7.3	7.0	8.3	7.2	8.7	6.9
PST-8000	8.3	7.3	60.0	6.7	5.7	48.3	7.7	6.7	8.0	7.7	7.4	8.7	6.9
RAZOR	7.3	7.7	63.3	6.7	4.0	80.0	8.0	7.7	5.3	7.7	7.4	8.3	6.8
SHADEMASTER	5.7	8.0	72.3	4.7	3.3	26.7	6.7	8.3	9.0	9.0	6.7	6.7	6.8
LONGFELLOW II	8.0	7.3	38.3	7.7	4.3	26.7	8.3	7.7	8.0	8.0	6.5	6.7	6.7
CARDINAL (IS-FRR 30)	8.0	7.7	71.7	5.7	4.0	36.7	8.0	5.7	8.3	9.0	7.2	7.3	6.6
BMXC-S02	7.0	7.3	73.3	6.0	7.3	61.3	7.3	6.3	6.7	6.0	6.8	7.0	6.5
CASCADE	6.3	8.3	48.3	6.3	3.7	25.0	7.7	8.0	7.7	8.3	6.3	7.0	6.5
DAWSON E	5.7	6.0	28.0	4.0	3.0	6.0	6.3	8.3	6.7	6.3	6.8	7.3	6.5
J-5 (JAMESTOWN 5)	8.3	8.0	30.0	6.3	4.7	46.7	7.7	7.3	6.7	6.0	5.6	6.3	6.5
EPIC (5001)	7.3	8.0	70.0	6.0	4.7	35.0	7.3	6.3	8.3	8.3	6.5	5.3	6.4
BOREAL	6.3	8.7	60.0	4.0	3.0	6.0	5.0	9.0	9.0	8.7	6.3	7.3	6.3
DP 77-9885	8.3	6.7	45.0	8.0	7.0	65.0	7.7	6.0	7.3	8.3	6.8	8.0	6.3
FORTITUDE (TL 53)	8.0	6.7	60.0	6.0	6.7	43.3	7.3	5.0	7.7	7.3	6.6	6.7	6.3
ORACLE	6.7	9.0	60.0	4.3	4.0	40.0	6.7	9.0	5.0	8.3	6.7	8.0	6.3
SR 5130 (SRX 51G)	7.3	6.7	57.3	6.7	7.3	70.0	8.0	6.7	7.3	6.7	6.4	7.0	6.3
7 SEAS	8.7	6.7	20.0	7.3	5.0	45.0	8.0	7.3	6.7	6.0	5.6	6.7	6.2
C-SMX	8.0	7.7	61.7	5.7	3.7	30.0	7.3	7.0	6.3	7.0	6.7	8.0	6.2
COMPASS (ACF 188)	8.3	6.0	33.7	7.3	8.3	75.0	7.7	6.7	6.0	6.0	5.8	5.7	6.2
DP 77-9360	7.7	7.7	73.3	6.0	4.0	41.7	8.0	6.0	7.3	8.3	6.7	6.7	6.2
DP 77-9579	8.3	7.3	49.0	6.3	5.0	60.0	8.0	6.3	6.0	7.0	6.8	7.0	6.2
PATHFINDER	7.0	7.7	56.7	5.0	4.3	21.7	7.0	8.7	7.7	9.0	6.5	7.0	6.2
SHORELINE (SRX 55R)	7.7	6.7	11.3	5.0	3.7	8.3	5.7	6.7	8.3	8.3	6.8	8.3	6.2
TL1	7.7	7.7	50.0	6.3	4.0	63.3	7.7	7.3	6.7	7.7	7.2	5.7	6.2
WENDY JEAN (C03-RCE)	7.7	8.7	58.5	6.3	4.0	76.7	7.3	7.7	5.7	7.3	6.4	6.3	6.2
CLASS ONE (IS-FRR 29)	7.3	7.3	51.7	5.3	4.7	25.0	7.3	6.3	6.7	6.3	6.8	8.0	6.1
PREDATOR	8.0	5.0	23.7	7.7	8.3	73.0	6.3	5.7	7.3	6.3	5.8	5.7	6.1
CULUMBRA II (ACF 174)	8.0	7.7	18.3	7.7	4.3	35.0	8.0	7.0	7.0	8.3	6.0	6.3	6.0
C03-4676	8.7	7.7	61.7	6.0	4.0	70.0	7.3	7.0	5.7	5.0	5.7	7.7	5.9
DP 77-9578	7.7	8.0	56.7	6.0	3.3	21.7	7.7	7.3	6.0	8.0	6.4	7.3	5.9
OXFORD	7.0	6.7	13.3	5.7	6.0	33.3	6.3	6.3	7.7	8.0	5.7	6.7	5.8
SCALDIS	7.0	7.7	13.0	6.7	2.3	51.7	7.0	7.3	8.0	7.3	5.0	5.0	5.8
SRX 3K	7.3	7.3	25.0	6.3	5.7	31.7	6.7	5.7	8.0	7.7	5.6	5.3	5.8
FIREFLY (SPM)	7.0	5.7	6.3	6.7	7.7	61.3	6.3	5.7	9.0	7.0	5.0	5.3	5.7
MUSICA	8.0	7.0	16.7	6.7	3.0	6.7	7.7	8.0	7.3	5.7	4.8	5.3	5.7
RELIANT IV (A01630REL)	7.0	7.7	13.0	7.3	8.3	63.3	6.7	6.3	8.0	6.7	5.4	5.7	5.7

TABLE 8A. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	MAR	APR	QUALITY RATINGS				MEAN
									MAY	JUN	JUL	AUG	
CELESTIAL	8.0	8.3	61.7	6.7	6.0	66.3	7.7	6.3	6.3	5.7	5.2	7.3	5.6
BERKSHIRE	7.0	6.3	10.0	7.0	7.7	31.7	6.3	6.0	7.7	6.7	5.4	6.0	5.5
SR 3000	7.7	7.3	10.5	6.7	4.3	14.0	7.3	7.0	8.0	7.7	5.0	5.3	5.5
QUATRO	7.3	6.3	6.3	8.7	3.3	6.7	6.7	6.3	8.7	8.3	4.8	5.3	5.4
SPLENDOR (ASC 245)	7.7	6.3	70.0	6.7	9.0	56.3	7.7	5.3	7.0	6.0	5.8	6.0	5.4
AUDUBON	8.0	7.7	64.0	6.7	4.3	63.3	8.0	7.3	5.0	5.0	4.6	5.7	5.2
GOTHAM (IS-FL 28)	6.3	6.7	8.0	6.0	5.3	43.3	6.7	6.0	8.3	7.7	4.2	6.3	4.9
SPARTAN II (PICK HF #2)	6.7	7.0	10.3	8.3	8.0	40.7	6.3	6.0	9.0	7.7	4.5	5.3	4.9
LSD VALUE	1.5	1.3	26.3	1.2	2.3	33.6	0.9	1.1	1.6	2.0	3.3	1.5	4.3
C.V. (%)	11.0	10.7	39.0	11.8	28.2	46.5	7.6	10.1	13.0	14.9	26.9	13.2	23.6

TABLE 8B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	MAR	APR	QUALITY RATINGS				MEAN
									MAY	JUN	JUL	AUG	
DP 77-9886	7.0	8.0	53.3	6.3	4.0	56.7	7.0	8.0	7.3	8.3	7.7	7.0	7.6
ZODIAC (BUR 4601)	6.7	6.7	24.0	7.3	3.3	20.0	8.0	8.0	8.3	8.3	7.0	6.7	7.6
LACROSSE (IS-FRC 17)	7.0	8.3	22.3	7.7	4.0	56.7	8.0	8.0	7.7	6.7	6.8	8.0	7.4
TREASURE II (PST-4TZ)	8.3	7.3	18.3	7.0	7.3	61.7	8.0	6.7	7.7	6.7	7.2	6.3	7.1
AMBASSADOR	7.7	7.0	36.7	6.7	3.3	16.7	8.0	7.3	8.3	8.0	6.8	6.0	6.9
LONGFELLOW II	8.0	7.3	38.3	7.7	4.3	26.7	8.3	7.7	8.0	8.0	6.5	6.7	6.7
CASCADE	6.3	8.3	48.3	6.3	3.7	25.0	7.7	8.0	7.7	8.3	6.3	7.0	6.5
J-5 (JAMESTOWN 5)	8.3	8.0	30.0	6.3	4.7	46.7	7.7	7.3	6.7	6.0	5.6	6.3	6.5
DP 77-9885	8.3	6.7	45.0	8.0	7.0	65.0	7.7	6.0	7.3	8.3	6.8	8.0	6.3
SR 5130 (SRX 51G)	7.3	6.7	57.3	6.7	7.3	70.0	8.0	6.7	7.3	6.7	6.4	7.0	6.3
7 SEAS	8.7	6.7	20.0	7.3	5.0	45.0	8.0	7.3	6.7	6.0	5.6	6.7	6.2
COMPASS (ACF 188)	8.3	6.0	33.7	7.3	8.3	75.0	7.7	6.7	6.0	6.0	5.8	5.7	6.2
CULUMBRA II (ACF 174)	8.0	7.7	18.3	7.7	4.3	35.0	8.0	7.0	7.0	8.3	6.0	6.3	6.0
MUSICA	8.0	7.0	16.7	6.7	3.0	6.7	7.7	8.0	7.3	5.7	4.8	5.3	5.7
LSD VALUE	1.4	1.4	25.8	1.8	2.3	36.2	1.8	1.5	2.5	1.7	1.9	2.0	2.0
C.V. (%)	9.3	10.0	41.2	10.7	27.4	45.8	7.9	10.0	13.3	13.1	19.4	13.9	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.

TABLE 8C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	MAR	APR	QUALITY RATINGS				MEAN
									MAY	JUN	JUL	AUG	
GARNET (PICK CRF 1-03)	6.7	7.3	76.7	6.3	5.7	53.3	8.0	6.7	8.0	7.0	7.5	8.0	7.3
IS-FRR 23	7.7	9.0	39.0	5.0	3.7	20.0	8.0	7.7	7.0	8.0	7.2	9.0	7.0
DLF-RCM	6.3	8.3	68.3	6.0	4.0	36.7	7.0	6.3	6.7	8.3	7.3	7.7	6.9
JASPER II	7.7	7.7	66.7	5.7	3.3	33.3	7.7	7.3	7.0	8.3	7.2	8.7	6.9
PST-8000	8.3	7.3	60.0	6.7	5.7	48.3	7.7	6.7	8.0	7.7	7.4	8.7	6.9
RAZOR	7.3	7.7	63.3	6.7	4.0	80.0	8.0	7.7	5.3	7.7	7.4	8.3	6.8
SHADEMASTER	5.7	8.0	72.3	4.7	3.3	26.7	6.7	8.3	9.0	9.0	6.7	6.7	6.8
CARDINAL (IS-FRR 30)	8.0	7.7	71.7	5.7	4.0	36.7	8.0	5.7	8.3	9.0	7.2	7.3	6.6
BMXC-S02	7.0	7.3	73.3	6.0	7.3	61.3	7.3	6.3	6.7	6.0	6.8	7.0	6.5
EPIC (5001)	7.3	8.0	70.0	6.0	4.7	35.0	7.3	6.3	8.3	8.3	6.5	5.3	6.4
BOREAL	6.3	8.7	60.0	4.0	3.0	6.0	5.0	9.0	9.0	8.7	6.3	7.3	6.3
FORTITUDE (TL 53)	8.0	6.7	60.0	6.0	6.7	43.3	7.3	5.0	7.7	7.3	6.6	6.7	6.3
ORACLE	6.7	9.0	60.0	4.3	4.0	40.0	6.7	9.0	5.0	8.3	6.7	8.0	6.3
C-SMX	8.0	7.7	61.7	5.7	3.7	30.0	7.3	7.0	6.3	7.0	6.7	8.0	6.2
DP 77-9360	7.7	7.7	73.3	6.0	4.0	41.7	8.0	6.0	7.3	8.3	6.7	6.7	6.2
DP 77-9579	8.3	7.3	49.0	6.3	5.0	60.0	8.0	6.3	6.0	7.0	6.8	7.0	6.2
PATHFINDER	7.0	7.7	56.7	5.0	4.3	21.7	7.0	8.7	7.7	9.0	6.5	7.0	6.2
TL1	7.7	7.7	50.0	6.3	4.0	63.3	7.7	7.3	6.7	7.7	7.2	5.7	6.2
WENDY JEAN (C03-RCE)	7.7	8.7	58.5	6.3	4.0	76.7	7.3	7.7	5.7	7.3	6.4	6.3	6.2
CLASS ONE (IS-FRR 29)	7.3	7.3	51.7	5.3	4.7	25.0	7.3	6.3	6.7	6.3	6.8	8.0	6.1
C03-4676	8.7	7.7	61.7	6.0	4.0	70.0	7.3	7.0	5.7	5.0	5.7	7.7	5.9
DP 77-9578	7.7	8.0	56.7	6.0	3.3	21.7	7.7	7.3	6.0	8.0	6.4	7.3	5.9
CELESTIAL	8.0	8.3	61.7	6.7	6.0	66.3	7.7	6.3	6.3	5.7	5.2	7.3	5.6
SPLENDOR (ASC 245)	7.7	6.3	70.0	6.7	9.0	56.3	7.7	5.3	7.0	6.0	5.8	6.0	5.4
AUDUBON	8.0	7.7	64.0	6.7	4.3	63.3	8.0	7.3	5.0	5.0	4.6	5.7	5.2
LSD VALUE	1.7	1.6	58.5	1.4	2.5	33.4	0.7	1.2	1.6	2.0	5.0	1.5	4.1
C.V. (%)	11.2	9.7	27.3	12.9	29.9	41.9	6.1	10.8	13.7	15.1	27.9	12.1	23.0

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 8D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	QUALITY RATINGS						MEAN
							MAR	APR	MAY	JUN	JUL	AUG	
PREDATOR	8.0	5.0	23.7	7.7	8.3	73.0	6.3	5.7	7.3	6.3	5.8	5.7	6.1
OXFORD	7.0	6.7	13.3	5.7	6.0	33.3	6.3	6.3	7.7	8.0	5.7	6.7	5.8
SCALDIS	7.0	7.7	13.0	6.7	2.3	51.7	7.0	7.3	8.0	7.3	5.0	5.0	5.8
SRX 3K	7.3	7.3	25.0	6.3	5.7	31.7	6.7	5.7	8.0	7.7	5.6	5.3	5.8
FIREFLY (SPM)	7.0	5.7	6.3	6.7	7.7	61.3	6.3	5.7	9.0	7.0	5.0	5.3	5.7
RELIANT IV (A01630REL)	7.0	7.7	13.0	7.3	8.3	63.3	6.7	6.3	8.0	6.7	5.4	5.7	5.7
BERKSHIRE	7.0	6.3	10.0	7.0	7.7	31.7	6.3	6.0	7.7	6.7	5.4	6.0	5.5
SR 3000	7.7	7.3	10.5	6.7	4.3	14.0	7.3	7.0	8.0	7.7	5.0	5.3	5.5
QUATRO	7.3	6.3	6.3	8.7	3.3	6.7	6.7	6.3	8.7	8.3	4.8	5.3	5.4
GOTHAM (IS-FL 28)	6.3	6.7	8.0	6.0	5.3	43.3	6.7	6.0	8.3	7.7	4.2	6.3	4.9
SPARTAN II (PICK HF #2)	6.7	7.0	10.3	8.3	8.0	40.7	6.3	6.0	9.0	7.7	4.5	5.3	4.9
LSD VALUE	2.5	1.8	22.8	1.5	3.1	45.1	2.0	1.2	2.5	2.5	4.6	2.4	5.3
C.V. (%)	12.8	13.2	70.8	11.4	28.3	54.1	10.8	9.6	11.8	13.5	35.2	16.2	35.4

TABLE 8E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN UNDER NATURALIZED/NON-MOWED CONDITIONS AT LEXINGTON, KY 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	WINTER COLOR	SEEDHEAD ATTRAC- TIVENESS	PERCENT SEEDHEAD	QUALITY RATINGS						MEAN
							MAR	APR	MAY	JUN	JUL	AUG	
SEABREEZE	6.3	6.0	27.3	4.7	4.0	40.0	7.0	7.7	6.3	7.0	7.2	7.7	7.3
DAWSON E	5.7	6.0	28.0	4.0	3.0	6.0	6.3	8.3	6.7	6.3	6.8	7.3	6.5
SHORELINE (SRX 55R)	7.7	6.7	11.3	5.0	3.7	8.3	5.7	6.7	8.3	8.3	6.8	8.3	6.2
LSD VALUE	1.5	2.6	26.5	0.8	0.8	9.6	1.3	0.8	2.6	3.8	3.5	1.5	2.7
C.V. (%)	10.2	18.2	51.3	7.3	9.4	22.8	9.1	4.4	15.9	22.4	29.4	8.6	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.

TABLE 9A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
OXFORD	7.4	6.3	5.8	6.5
FIREFLY (SPM)	7.3	6.2	5.5	6.3
SPARTAN II (PICK HF #2)	7.1	6.7	5.0	6.3
GOTHAM (IS-FL 28)	6.9	6.0	5.6	6.2
RELIANT IV (A01630REL)	6.9	6.4	5.1	6.1
DP 77-9885	6.7	6.2	5.5	6.1
BERKSHIRE	6.7	6.5	5.1	6.1
PREDATOR	6.8	5.7	5.7	6.1
SCALDIS	6.7	6.3	4.7	5.9
ZODIAC (BUR 4601)	6.4	6.1	5.1	5.9
TREAZURE II (PST-4TZ)	6.8	6.2	4.6	5.8
QUATRO	6.5	6.8	4.2	5.8
LONGFELLOW II	6.4	5.7	5.1	5.8
SRX 3K	6.8	5.8	4.7	5.7
LACROSSE (IS-FRC 17)	6.6	5.8	4.8	5.7
CASCADE	6.0	5.9	5.1	5.7
J-5 (JAMESTOWN 5)	6.2	5.9	4.8	5.6
DP 77-9886	7.1	5.3	4.4	5.6
MUSICA	5.9	6.0	4.8	5.5
SR 5130 (SRX 51G)	5.5	6.9	4.2	5.5
AMBASSADOR	6.2	6.0	4.2	5.5
DLF-RCM	4.9	6.3	5.1	5.4
WENDY JEAN (C03-RCE)	5.1	6.0	5.0	5.4
SR 3000	6.6	5.8	3.8	5.4
CARDINAL (IS-FRR 30)	5.6	5.5	5.0	5.4
CULUMBRA II (ACF 174)	6.0	5.2	4.8	5.3
PATHFINDER	5.1	6.0	4.7	5.3
DP 77-9579	5.0	5.7	5.0	5.2
C-SMX	5.1	5.6	4.8	5.2
EPIC (5001)	5.2	5.3	5.0	5.2
GARNET (PICK CRF 1-03)	5.2	6.0	4.4	5.2
PST-8000	4.8	5.7	4.9	5.1
COMPASS (ACF 188)	5.9	5.0	4.5	5.1
7 SEAS	6.1	5.5	3.7	5.1
DP 77-9578	4.6	5.4	5.3	5.1
BMXC-S02	4.6	5.0	5.6	5.1
CELESTIAL	4.5	5.5	5.2	5.1
FORTITUDE (TL 53)	4.1	5.4	5.6	5.0
CLASS ONE (IS-FRR 29)	5.0	5.3	4.5	4.9
DP 77-9360	5.0	5.0	4.6	4.9
TL1	4.8	5.2	4.2	4.8
RAZOR	4.1	5.0	5.2	4.8
SHORELINE (SRX 55R)	5.0	5.4	3.9	4.8
SPLENDOR (ASC 245)	3.7	5.9	4.6	4.7

TABLE 9A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
JASPER II	4.4	5.1	4.6	4.7
C03-4676	4.0	5.8	4.2	4.7
AUDUBON	4.8	4.8	4.4	4.7
IS-FRR 23	4.3	5.2	4.2	4.6
DAWSON E	3.8	4.3	4.8	4.3
ORACLE	3.8	4.2	4.5	4.2
SHADEMASTER	3.5	4.4	4.3	4.0
SEABREEZE	3.0	4.3	4.3	3.9
BOREAL	4.1	3.5	4.0	3.8
LSD VALUE	1.2	1.5	1.4	0.8
C.V. (%)	14.3	16.9	19.3	16.9

TABLE 9B. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
DP 77-9885	6.7	6.2	5.5	6.1
ZODIAC (BUR 4601)	6.4	6.1	5.1	5.9
TREAZURE II (PST-4TZ)	6.8	6.2	4.6	5.8
LONGFELLOW II	6.4	5.7	5.1	5.8
LACROSSE (IS-FRC 17)	6.6	5.8	4.8	5.7
CASCADE	6.0	5.9	5.1	5.7
J-5 (JAMESTOWN 5)	6.2	5.9	4.8	5.6
DP 77-9886	7.1	5.3	4.4	5.6
MUSICA	5.9	6.0	4.8	5.5
SR 5130 (SRX 51G)	5.5	6.9	4.2	5.5
AMBASSADOR	6.2	6.0	4.2	5.5
CULUMBRA II (ACF 174)	6.0	5.2	4.8	5.3
COMPASS (ACF 188)	5.9	5.0	4.5	5.1
7 SEAS	6.1	5.5	3.7	5.1
LSD VALUE	1.3	1.5	1.5	0.9
C.V. (%)	13.4	15.9	21.0	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.

TABLE 9C. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
DLF-RCM	4.9	6.3	5.1	5.4
WENDY JEAN (C03-RCE)	5.1	6.0	5.0	5.4
CARDINAL (IS-FRR 30)	5.6	5.5	5.0	5.4
PATHFINDER	5.1	6.0	4.7	5.3
DP 77-9579	5.0	5.7	5.0	5.2
C-SMX	5.1	5.6	4.8	5.2
EPIC (5001)	5.2	5.3	5.0	5.2
GARNET (PICK CRF 1-03)	5.2	6.0	4.4	5.2
PST-8000	4.8	5.7	4.9	5.1
DP 77-9578	4.6	5.4	5.3	5.1
BMXC-S02	4.6	5.0	5.6	5.1
CELESTIAL	4.5	5.5	5.2	5.1
FORTITUDE (TL 53)	4.1	5.4	5.6	5.0
CLASS ONE (IS-FRR 29)	5.0	5.3	4.5	4.9
DP 77-9360	5.0	5.0	4.6	4.9
TL1	4.8	5.2	4.2	4.8
RAZOR	4.1	5.0	5.2	4.8
SPLENDOR (ASC 245)	3.7	5.9	4.6	4.7
JASPER II	4.4	5.1	4.6	4.7
C03-4676	4.0	5.8	4.2	4.7
AUDUBON	4.8	4.8	4.4	4.7
IS-FRR 23	4.3	5.2	4.2	4.6
ORACLE	3.8	4.2	4.5	4.2
SHADEMASTER	3.5	4.4	4.3	4.0
BOREAL	4.1	3.5	4.0	3.8
LSD VALUE	1.3	1.6	1.2	0.8
C.V. (%)	18.6	19.1	17.1	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 9D. MEAN TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
OXFORD	7.4	6.3	5.8	6.5
FIREFLY (SPM)	7.3	6.2	5.5	6.3
SPARTAN II (PICK HF #2)	7.1	6.7	5.0	6.3
GOTHAM (IS-FL 28)	6.9	6.0	5.6	6.2
RELIANT IV (A01630REL)	6.9	6.4	5.1	6.1
BERKSHIRE	6.7	6.5	5.1	6.1
PREDATOR	6.8	5.7	5.7	6.1
SCALDIS	6.7	6.3	4.7	5.9
QUATRO	6.5	6.8	4.2	5.8
SRX 3K	6.8	5.8	4.7	5.7
SR 3000	6.6	5.8	3.8	5.4
LSD VALUE	0.8	1.1	1.7	0.7
C.V. (%)	7.6	11.1	21.5	13.4

TABLE 9E. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN UNDER SHADE AT THREE LOCATIONS 1/
2004-07 DATA

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

NAME	IL2	NE1	UT1	MEAN
SHORELINE (SRX 55R)	5.0	5.4	3.9	4.8
DAWSON E	3.8	4.3	4.8	4.3
SEABREEZE	3.0	4.3	4.3	3.9
LSD VALUE	1.3	1.9	1.0	0.9
C.V. (%)	22.2	27.3	14.4	22.3

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 10A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	QUALITY RATINGS						MEAN
			COVER SPRING	COVER SUMMER	COVER FALL		MAY	JUN	JUL	AUG	SEP	OCT	
EPIC (5001)	6.3	5.3	97.4	94.4	98.2	8.3	8.0	8.6	8.1	7.9	8.3	8.2	8.2
CARDINAL (IS-FRR 30)	6.7	5.7	95.1	94.6	95.7	8.3	7.1	7.9	8.0	7.8	8.0	7.3	7.7
TREASURE II (PST-4TZ)	4.7	5.0	96.1	91.7	93.7	9.0	8.4	8.3	7.2	7.2	7.3	7.8	7.7
CLASS ONE (IS-FRR 29)	7.0	6.0	96.8	95.6	97.8	8.7	7.0	7.9	7.8	7.8	7.8	7.7	7.6
DP 77-9886	5.0	6.3	96.2	90.6	96.4	7.3	8.1	8.2	7.0	6.6	8.0	7.9	7.6
SPARTAN II (PICK HF #2)	6.0	6.7	97.2	91.2	93.8	8.7	8.4	8.3	7.1	7.3	6.8	7.3	7.6
GARNET (PICK CRF 1-03)	7.7	4.3	96.4	92.3	97.4	8.3	7.8	8.0	7.2	7.0	7.6	7.7	7.5
AMBASSADOR	6.3	5.3	94.2	91.6	94.1	8.3	8.2	7.4	7.1	7.0	7.2	7.3	7.4
PST-8000	7.7	4.7	96.8	88.4	95.3	8.3	7.2	7.8	7.4	6.9	7.7	7.6	7.4
ZODIAC (BUR 4601)	6.0	5.7	96.4	89.4	94.3	8.7	8.0	7.8	6.7	6.7	7.3	7.8	7.4
SR 5130 (SRX 51G)	7.3	6.3	95.3	90.6	95.1	9.0	8.6	8.3	6.3	6.1	7.1	7.4	7.3
DLF-RCM	7.0	4.0	96.1	92.6	84.9	9.0	6.9	7.7	7.1	7.0	7.1	6.8	7.1
DP 77-9885	7.0	4.7	96.8	90.7	94.0	7.3	7.4	8.1	6.6	6.3	7.1	6.9	7.1
FORTITUDE (TL 53)	7.3	5.3	95.2	91.3	88.3	8.3	7.0	7.4	6.9	6.9	6.9	7.4	7.1
OXFORD	6.7	7.3	94.3	90.6	90.6	9.0	7.7	7.6	6.3	6.4	7.0	7.4	7.1
WENDY JEAN (C03-RCE)	7.0	5.0	95.9	92.0	95.2	8.7	7.0	7.1	6.9	6.8	7.3	7.2	7.1
LONGFELLOW II	6.3	6.7	94.7	87.8	86.0	8.7	7.4	7.8	6.9	6.2	6.9	7.0	7.0
C-SMX	7.0	5.3	95.6	86.8	95.6	7.0	7.1	7.6	6.4	5.9	6.9	7.3	6.9
DP 77-9360	6.7	5.7	95.6	88.9	91.3	8.3	6.8	7.1	7.2	6.2	7.0	7.2	6.9
GOTHAM (IS-FL 28)	5.0	7.3	91.2	88.9	84.4	9.0	7.7	7.4	6.8	6.9	6.2	6.3	6.9
LACROSSE (IS-FRC 17)	6.7	5.7	96.0	88.1	89.6	7.7	8.2	7.8	6.1	5.9	6.7	6.9	6.9
RELIANT IV (A01630REL)	6.0	7.0	93.1	86.8	90.0	9.0	8.0	7.3	6.2	6.1	7.0	6.9	6.9
MUSICA	4.0	6.0	97.2	86.9	92.0	6.0	8.1	7.9	5.6	5.2	6.8	7.0	6.8
PATHFINDER	7.0	5.0	94.4	88.8	88.6	9.0	6.9	6.8	7.0	6.0	6.9	6.7	6.7
BERKSHIRE	6.3	7.3	95.2	86.0	88.9	8.7	7.1	7.2	6.7	6.0	6.2	6.3	6.6
DP 77-9578	7.3	5.3	95.0	87.2	95.4	6.7	6.6	7.2	6.6	5.7	6.9	6.8	6.6
FIREFLY (SPM)	7.0	7.3	91.1	86.9	81.3	9.0	7.6	7.1	6.1	6.2	5.8	6.0	6.5
QUATRO	6.7	6.0	97.0	91.0	87.0	8.7	7.3	7.3	5.8	6.0	6.2	6.6	6.5
J-5 (JAMESTOWN 5)	6.7	6.0	92.8	85.8	89.8	8.0	6.8	6.6	5.8	5.9	6.4	6.6	6.3
COMPASS (ACF 188)	7.7	4.7	89.2	84.1	87.0	8.3	7.2	6.1	5.9	5.3	5.9	6.6	6.2
DP 77-9579	7.3	5.7	93.4	84.0	93.4	8.0	6.9	6.7	5.4	5.3	5.8	6.9	6.2
PREDATOR	6.0	7.3	91.8	82.8	81.7	8.7	7.3	7.0	5.6	5.4	5.4	6.0	6.1
TL1	7.3	5.3	92.4	81.7	88.9	7.3	6.4	6.7	5.9	5.1	5.7	6.7	6.1
BMXC-S02	7.3	4.0	94.9	78.3	88.0	6.7	6.6	7.1	5.9	4.7	5.7	6.1	6.0
SHORELINE (SRX 55R)	5.7	5.3	95.6	70.2	92.3	6.7	7.9	7.1	5.0	4.0	5.0	6.6	5.9
CASCADE	6.3	6.3	90.1	80.6	85.7	8.3	6.4	6.4	5.1	4.8	5.8	6.3	5.8
IS-FRR 23	7.7	5.3	91.9	79.4	86.8	5.0	6.4	6.4	5.4	4.4	5.8	6.3	5.8
SR 3000	5.7	6.3	90.0	83.0	77.6	8.3	6.8	6.0	5.7	5.6	5.1	5.7	5.8
CELESTIAL	7.7	4.3	94.4	74.1	90.7	6.0	6.9	6.7	5.2	4.6	5.0	6.1	5.7
7 SEAS	7.3	4.7	92.1	81.4	84.2	7.7	6.3	6.9	5.2	4.2	5.2	6.0	5.6
SCALDIS	6.3	7.7	89.6	81.6	83.3	7.3	6.4	6.2	5.1	4.9	5.2	5.7	5.6
SPLENDOR (ASC 245)	8.7	3.0	92.0	70.0	86.1	5.3	6.4	6.9	5.3	4.4	4.9	5.3	5.6
SRX 3K	6.0	6.0	92.4	81.1	80.1	8.7	7.0	6.7	5.3	4.8	4.8	5.2	5.6
CULUMBRA II (ACF 174)	8.0	5.7	91.6	70.6	80.0	8.7	7.4	7.2	4.3	3.8	4.9	5.4	5.5
JASPER II	7.0	5.3	94.1	58.0	89.6	4.0	7.1	6.8	4.7	3.6	4.2	5.8	5.4

TABLE 10A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	MAY	JUN	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL				JUL	AUG	SEP	OCT	
C03-4676	7.0	4.7	90.4	75.0	86.0	4.7	5.9	6.0	4.7	4.0	4.4	5.7	5.1
RAZOR	7.0	5.0	92.0	55.0	88.9	4.0	6.8	6.2	4.8	3.3	3.8	5.3	5.0
DAWSON E	5.3	5.7	92.4	52.8	81.8	4.7	6.4	6.7	4.8	3.3	3.2	5.2	4.9
SEABREEZE	6.0	6.0	89.8	58.9	77.2	5.3	5.4	6.2	4.3	3.2	3.9	5.1	4.7
AUDUBON	7.0	5.3	89.9	64.9	83.3	5.0	5.6	5.8	4.3	3.2	3.6	5.0	4.6
ORACLE	5.7	5.7	88.9	53.9	73.6	5.0	5.2	5.4	4.3	2.9	3.3	4.4	4.3
SHADEMASTER	6.3	5.7	88.9	43.3	73.4	3.3	5.2	5.4	4.2	2.7	3.0	4.7	4.2
BOREAL	6.0	5.3	84.7	57.8	75.1	5.7	5.0	5.0	4.3	3.2	2.9	4.0	4.1
LSD VALUE	1.0	1.5	6.6	9.1	21.3	1.5	1.0	0.8	1.0	1.1	1.1	1.8	0.7
C.V. (%)	9.7	16.0	6.2	13.2	17.3	13.4	16.2	12.9	19.8	24.3	22.3	26.6	13.4

TABLE 10B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2004-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	MAY	JUN	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL				JUL	AUG	SEP	OCT	
TREAZURE II (PST-4TZ)	4.7	5.0	96.1	91.7	93.7	9.0	8.4	8.3	7.2	7.2	7.3	7.8	7.7
DP 77-9886	5.0	6.3	96.2	90.6	96.4	7.3	8.1	8.2	7.0	6.6	8.0	7.9	7.6
AMBASSADOR	6.3	5.3	94.2	91.6	94.1	8.3	8.2	7.4	7.1	7.0	7.2	7.3	7.4
ZODIAC (BUR 4601)	6.0	5.7	96.4	89.4	94.3	8.7	8.0	7.8	6.7	6.7	7.3	7.8	7.4
SR 5130 (SRX 51G)	7.3	6.3	95.3	90.6	95.1	9.0	8.6	8.3	6.3	6.1	7.1	7.4	7.3
DP 77-9885	7.0	4.7	96.8	90.7	94.0	7.3	7.4	8.1	6.6	6.3	7.1	6.9	7.1
LONGFELLOW II	6.3	6.7	94.7	87.8	86.0	8.7	7.4	7.8	6.9	6.2	6.9	7.0	7.0
LACROSSE (IS-FRC 17)	6.7	5.7	96.0	88.1	89.6	7.7	8.2	7.8	6.1	5.9	6.7	6.9	6.9
MUSICA	4.0	6.0	97.2	86.9	92.0	6.0	8.1	7.9	5.6	5.2	6.8	7.0	6.8
J-5 (JAMESTOWN 5)	6.7	6.0	92.8	85.8	89.8	8.0	6.8	6.6	5.8	5.9	6.4	6.6	6.3
COMPASS (ACF 188)	7.7	4.7	89.2	84.1	87.0	8.3	7.2	6.1	5.9	5.3	5.9	6.6	6.2
CASCADE	6.3	6.3	90.1	80.6	85.7	8.3	6.4	6.4	5.1	4.8	5.8	6.3	5.8
7 SEAS	7.3	4.7	92.1	81.4	84.2	7.7	6.3	6.9	5.2	4.2	5.2	6.0	5.6
CULUMBRA II (ACF 174)	8.0	5.7	91.6	70.6	80.0	8.7	7.4	7.2	4.3	3.8	4.9	5.4	5.5
LSD VALUE	1.0	2.8	6.2	6.7	20.1	2.3	0.9	0.9	1.3	1.3	1.4	2.0	0.8
C.V. (%)	9.7	19.1	5.7	8.5	14.7	12.9	12.8	12.6	21.7	24.1	21.3	22.7	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 10C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	MAY	JUN	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL				JUL	AUG	SEP	OCT	
EPIC (5001)	6.3	5.3	97.4	94.4	98.2	8.3	8.0	8.6	8.1	7.9	8.3	8.2	8.2
CARDINAL (IS-FRR 30)	6.7	5.7	95.1	94.6	95.7	8.3	7.1	7.9	8.0	7.8	8.0	7.3	7.7
CLASS ONE (IS-FRR 29)	7.0	6.0	96.8	95.6	97.8	8.7	7.0	7.9	7.8	7.8	7.8	7.7	7.6
GARNET (PICK CRF 1-03)	7.7	4.3	96.4	92.3	97.4	8.3	7.8	8.0	7.2	7.0	7.6	7.7	7.5
PST-8000	7.7	4.7	96.8	88.4	95.3	8.3	7.2	7.8	7.4	6.9	7.7	7.6	7.4
DLF-RCM	7.0	4.0	96.1	92.6	84.9	9.0	6.9	7.7	7.1	7.0	7.1	6.8	7.1
FORTITUDE (TL 53)	7.3	5.3	95.2	91.3	88.3	8.3	7.0	7.4	6.9	6.9	6.9	7.4	7.1
WENDY JEAN (C03-RCE)	7.0	5.0	95.9	92.0	95.2	8.7	7.0	7.1	6.9	6.8	7.3	7.2	7.1
C-SMX	7.0	5.3	95.6	86.8	95.6	7.0	7.1	7.6	6.4	5.9	6.9	7.3	6.9
DP 77-9360	6.7	5.7	95.6	88.9	91.3	8.3	6.8	7.1	7.2	6.2	7.0	7.2	6.9
PATHFINDER	7.0	5.0	94.4	88.8	88.6	9.0	6.9	6.8	7.0	6.0	6.9	6.7	6.7
DP 77-9578	7.3	5.3	95.0	87.2	95.4	6.7	6.6	7.2	6.6	5.7	6.9	6.8	6.6
DP 77-9579	7.3	5.7	93.4	84.0	93.4	8.0	6.9	6.7	5.4	5.3	5.8	6.9	6.2
TL1	7.3	5.3	92.4	81.7	88.9	7.3	6.4	6.7	5.9	5.1	5.7	6.7	6.1
BMXC-S02	7.3	4.0	94.9	78.3	88.0	6.7	6.6	7.1	5.9	4.7	5.7	6.1	6.0
IS-FRR 23	7.7	5.3	91.9	79.4	86.8	5.0	6.4	6.4	5.4	4.4	5.8	6.3	5.8
CELESTIAL	7.7	4.3	94.4	74.1	90.7	6.0	6.9	6.7	5.2	4.6	5.0	6.1	5.7
SPLENDOR (ASC 245)	8.7	3.0	92.0	70.0	86.1	5.3	6.4	6.9	5.3	4.4	4.9	5.3	5.6
JASPER II	7.0	5.3	94.1	58.0	89.6	4.0	7.1	6.8	4.7	3.6	4.2	5.8	5.4
C03-4676	7.0	4.7	90.4	75.0	86.0	4.7	5.9	6.0	4.7	4.0	4.4	5.7	5.1
RAZOR	7.0	5.0	92.0	55.0	88.9	4.0	6.8	6.2	4.8	3.3	3.8	5.3	5.0
AUDUBON	7.0	5.3	89.9	64.9	83.3	5.0	5.6	5.8	4.3	3.2	3.6	5.0	4.6
ORACLE	5.7	5.7	88.9	53.9	73.6	5.0	5.2	5.4	4.3	2.9	3.3	4.4	4.3
SHADEMASTER	6.3	5.7	88.9	43.3	73.4	3.3	5.2	5.4	4.2	2.7	3.0	4.7	4.2
BOREAL	6.0	5.3	84.7	57.8	75.1	5.7	5.0	5.0	4.3	3.2	2.9	4.0	4.1
LSD VALUE	1.3	1.6	5.6	10.5	16.3	1.4	1.2	0.6	0.9	1.0	0.8	1.5	0.6
C.V. (%)	9.5	15.6	5.9	15.7	16.1	13.4	18.5	10.3	16.9	22.8	17.3	25.7	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 10D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	MAY	JUN	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL				JUL	AUG	SEP	OCT	
SPARTAN II (PICK HF #2)	6.0	6.7	97.2	91.2	93.8	8.7	8.4	8.3	7.1	7.3	6.8	7.3	7.6
OXFORD	6.7	7.3	94.3	90.6	90.6	9.0	7.7	7.6	6.3	6.4	7.0	7.4	7.1
GOTHAM (IS-FL 28)	5.0	7.3	91.2	88.9	84.4	9.0	7.7	7.4	6.8	6.9	6.2	6.3	6.9
RELIANT IV (A01630REL)	6.0	7.0	93.1	86.8	90.0	9.0	8.0	7.3	6.2	6.1	7.0	6.9	6.9
BERKSHIRE	6.3	7.3	95.2	86.0	88.9	8.7	7.1	7.2	6.7	6.0	6.2	6.3	6.6
FIREFLY (SPM)	7.0	7.3	91.1	86.9	81.3	9.0	7.6	7.1	6.1	6.2	5.8	6.0	6.5
QUATRO	6.7	6.0	97.0	91.0	87.0	8.7	7.3	7.3	5.8	6.0	6.2	6.6	6.5
PREDATOR	6.0	7.3	91.8	82.8	81.7	8.7	7.3	7.0	5.6	5.4	5.4	6.0	6.1
SR 3000	5.7	6.3	90.0	83.0	77.6	8.3	6.8	6.0	5.7	5.6	5.1	5.7	5.8
SCALDIS	6.3	7.7	89.6	81.6	83.3	7.3	6.4	6.2	5.1	4.9	5.2	5.7	5.6
SRX 3K	6.0	6.0	92.4	81.1	80.1	8.7	7.0	6.7	5.3	4.8	4.8	5.2	5.6
LSD VALUE	1.2	1.1	10.2	8.2	32.8	1.3	1.1	1.3	1.6	1.7	2.3	3.0	1.2
C.V. (%)	9.7	8.2	7.6	8.5	21.9	7.0	13.7	16.9	22.2	25.3	30.0	31.4	17.2

TABLE 10E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2004-07 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	MAY	JUN	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL				JUL	AUG	SEP	OCT	
SHORELINE (SRX 55R)	5.7	5.3	95.6	70.2	92.3	6.7	7.9	7.1	5.0	4.0	5.0	6.6	5.9
DAWSON E	5.3	5.7	92.4	52.8	81.8	4.7	6.4	6.7	4.8	3.3	3.2	5.2	4.9
SEABREEZE	6.0	6.0	89.8	58.9	77.2	5.3	5.4	6.2	4.3	3.2	3.9	5.1	4.7
LSD VALUE	1.3	3.4	7.1	19.6	20.7	4.9	1.4	1.2	1.2	1.3	1.0	2.2	0.6
C.V. (%)	10.2	26.0	6.9	29.6	21.9	37.9	22.1	15.5	22.4	33.1	26.7	34.6	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 11A.

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
CULUMBRA II (ACF 174)	7.8	5.8	8.4	8.0	6.6	7.7	5.4	7.2	6.8	7.6	7.0	6.6	7.4	7.3	7.3	6.7	5.8	7.7	5.4	6.3	6.9
SPLENDOR (ASC 245)	7.7	5.4	7.1	7.6	6.8	8.0	6.0	6.7	7.3	7.4	7.0	6.3	7.9	7.4	7.6	7.3	6.1	7.6	5.6	6.8	6.9
COMPASS (ACF 188)	8.2	5.2	8.5	8.0	7.1	8.0	5.3	6.1	7.0	7.4	4.3	5.8	7.7	7.3	6.7	6.3	5.9	7.7	5.8	6.2	6.8
C03-4676	7.3	5.2	6.6	7.8	6.7	8.0	5.2	6.2	7.2	7.4	4.3	6.3	7.4	6.9	7.7	7.3	5.7	7.5	6.1	6.8	6.7
CELESTIAL	7.6	6.0	6.8	7.8	6.8	7.3	6.1	5.1	7.0	7.6	5.7	6.0	6.8	7.0	7.4	6.9	5.5	7.3	5.7	6.3	6.6
FORTITUDE (TL 53)	7.7	5.7	6.1	7.3	6.8	7.7	5.9	5.6	6.8	7.6	8.0	6.8	6.9	6.9	5.9	7.0	6.2	7.1	6.0	6.4	6.6
GARNET (PICK CRF 1-03)	7.6	5.9	6.3	7.8	6.5	7.3	5.9	5.7	7.5	7.6	8.0	5.8	6.8	7.1	6.6	6.7	6.2	7.0	5.9	6.3	6.6
DP 77-9885	8.0	5.6	6.8	8.2	6.8	8.3	5.2	6.5	7.0	7.8	4.7	5.9	7.9	6.9	5.1	6.1	6.2	7.6	5.2	5.8	6.6
IS-FRR 23	7.5	5.5	7.3	7.3	6.4	7.3	5.3	5.8	6.8	7.6	5.0	6.4	6.9	7.0	7.8	6.3	5.9	7.2	5.9	6.1	6.6
BMXC-S02	7.5	5.4	6.1	7.1	6.5	7.3	5.3	5.8	7.2	7.6	6.0	6.1	6.6	7.3	6.7	7.4	6.1	7.4	5.6	6.6	6.6
PREDATOR	8.0	6.6	5.4	7.3	6.3	7.3	6.7	6.4	6.3	7.0	5.0	6.6	8.0	6.5	4.2	6.6	6.4	7.0	5.8	6.7	6.5
PST-8000	7.4	5.9	5.9	7.3	6.3	8.0	6.0	5.5	7.2	8.2	8.3	5.7	6.7	7.1	6.1	7.2	5.8	7.0	5.7	6.4	6.5
AUDUBON	7.7	5.6	5.5	7.2	6.7	7.3	5.7	6.0	7.5	7.2	3.7	6.2	7.2	7.2	7.3	6.6	5.6	7.4	6.0	6.3	6.5
FIREFLY (SPM)	7.5	6.1	6.4	6.8	5.9	6.3	6.6	6.3	6.3	7.7	7.0	6.8	7.9	6.5	5.1	6.6	5.9	7.3	5.0	6.7	6.5
AMBASSADOR	7.7	5.9	7.9	7.7	6.7	7.7	5.7	6.2	6.0	7.4	7.0	5.9	7.2	7.1	4.1	5.7	6.0	6.8	5.2	6.3	6.5
JASPER II	7.4	6.0	5.9	7.1	6.3	7.3	5.4	5.5	7.3	7.6	5.7	5.5	6.8	7.2	7.9	6.8	5.7	7.3	5.9	5.8	6.5
DP 77-9360	7.7	5.5	6.6	7.3	6.4	6.7	5.4	5.3	7.2	7.3	7.7	5.7	6.3	7.1	6.2	6.9	6.1	7.2	6.0	6.2	6.5
C-SMX	7.5	5.8	6.5	7.3	6.7	7.3	5.6	4.8	7.7	7.1	6.3	6.4	6.4	6.8	6.4	6.5	5.9	7.2	5.4	6.2	6.5
TL1	7.3	5.3	6.4	6.9	6.3	7.3	6.1	5.3	6.8	7.3	5.0	6.3	7.3	6.8	6.8	6.8	5.6	7.0	5.8	6.4	6.4
DP 77-9578	7.3	5.3	7.3	7.0	6.3	8.0	6.0	4.2	7.0	7.9	6.3	5.8	6.6	6.9	5.6	7.0	5.8	7.2	5.9	6.6	6.4
CLASS ONE (IS-FRR 29)	7.3	5.8	5.3	7.2	6.6	7.0	5.4	4.8	6.8	7.1	6.0	6.4	6.9	6.7	7.2	6.8	5.7	7.3	5.6	6.7	6.4
7 SEAS	7.5	5.6	5.8	7.2	6.7	8.0	5.3	6.9	6.0	7.3	6.0	5.9	6.8	6.9	6.2	6.1	5.8	6.5	5.3	6.1	6.4
RAZOR	7.3	6.0	5.8	7.3	6.6	6.7	6.1	4.9	7.3	7.4	5.0	6.0	6.2	6.7	6.6	6.4	5.5	6.8	5.6	6.9	6.4
GOTHAM (IS-FL 28)	7.7	6.2	6.1	7.1	6.2	6.3	6.7	6.1	5.8	6.9	6.3	6.4	7.4	6.3	3.7	6.3	6.5	6.5	5.8	6.3	6.3
DP 77-9579	7.5	5.3	5.5	7.4	6.1	7.3	5.8	5.2	6.7	7.3	7.3	5.4	6.3	6.8	5.4	6.8	6.3	7.3	5.4	6.3	6.3
BERKSHIRE	7.6	6.2	6.1	7.3	5.9	6.7	6.0	5.2	6.0	7.2	5.3	6.1	7.8	6.3	4.6	6.1	6.0	7.0	5.9	6.2	6.3
QUATRO	7.3	6.8	6.4	6.2	6.4	6.0	6.9	7.4	5.5	6.8	3.3	5.8	7.8	6.3	3.4	6.1	5.7	6.5	6.1	5.8	6.3
OXFORD	7.3	6.4	5.7	6.9	6.1	6.3	6.3	5.8	5.8	6.8	6.3	6.4	7.4	6.3	3.3	6.2	5.9	7.1	5.9	6.2	6.2
SR 5130 (SRX 51G)	7.5	5.2	6.7	7.8	6.8	7.0	5.6	5.5	6.0	7.6	7.0	5.6	6.1	6.7	5.2	5.8	5.9	6.3	5.4	5.9	6.2
J-5 (JAMESTOWN 5)	7.5	5.7	6.9	7.3	6.6	7.7	4.7	6.1	7.0	7.2	5.0	5.6	6.6	6.9	4.7	5.6	5.6	7.0	5.4	5.6	6.2
CARDINAL (IS-FRR 30)	7.3	5.4	6.6	7.3	5.9	7.0	6.0	4.1	6.7	7.3	6.3	5.5	6.2	6.9	5.2	6.9	5.4	6.9	5.7	6.3	6.2
SPARTAN II (PICK HF #2)	7.7	6.3	5.8	7.5	5.9	6.7	6.7	5.8	6.0	6.3	5.0	5.8	7.0	6.4	3.1	6.0	6.6	6.5	5.4	6.2	6.2
LACROSSE (IS-FRC 17)	7.8	5.3	6.8	7.6	6.5	7.3	5.6	5.1	6.7	6.0	6.0	5.8	6.6	6.8	4.7	5.8	5.9	6.4	5.3	5.3	6.1
LONGFELLOW II	7.5	5.6	6.0	7.6	6.1	7.0	5.0	5.8	6.7	7.1	6.0	6.1	6.0	6.6	4.9	5.9	5.4	6.5	5.3	6.1	6.1
ZODIAC (BUR 4601)	7.9	5.6	6.2	7.4	6.3	6.7	5.1	5.0	5.8	7.2	8.3	5.3	5.7	6.6	4.0	5.9	6.3	6.3	5.2	5.7	6.1
SRX 3K	7.1	6.3	4.7	6.8	6.0	6.7	5.7	5.8	5.7	6.7	3.7	5.8	7.3	6.5	4.3	5.8	5.8	6.6	5.4	6.4	6.0
SCALDIS	7.3	6.2	5.2	6.8	6.1	7.3	5.6	5.6	6.0	6.8	4.7	5.4	7.8	6.3	3.4	5.9	5.9	6.9	5.3	5.8	6.0
DLF-RCM	7.3	5.2	4.8	6.9	5.8	7.0	5.6	4.6	7.0	7.4	5.0	5.0	5.9	6.7	6.0	6.6	5.6	6.9	5.7	5.9	6.0
RELIANT IV (A01630REL)	7.5	6.3	4.9	6.7	6.0	6.7	6.4	5.2	5.7	6.7	5.7	5.6	7.1	6.2	3.9	5.8	5.6	6.3	5.6	6.4	6.0
PATHFINDER	7.0	5.3	4.3	6.8	6.0	7.0	5.1	4.1	6.5	7.4	5.7	5.5	5.7	6.6	6.0	6.4	5.3	7.1	6.1	6.1	5.9
EPIC (5001)	7.6	5.4	5.8	6.7	5.8	7.0	5.3	3.3	6.8	7.2	7.3	5.0	5.2	6.7	4.8	6.3	5.9	6.7	5.6	5.9	5.9
WENDY JEAN (C03-RCE)	7.4	5.4	5.0	6.7	5.9	7.3	4.9	3.9	6.8	7.3	7.0	4.9	5.9	6.2	5.3	6.5	5.4	6.6	5.3	5.2	5.8
SR 3000	7.7	6.1	4.2	6.1	5.8	7.0	5.4	4.9	5.7	6.4	4.3	5.2	6.7	6.0	4.4	6.0	5.7	6.9	5.4	5.9	5.8
SHORELINE (SRX 55R)	7.8	5.8	3.3	5.9	5.9	5.3	4.4	3.4	6.0	6.0	5.0	5.2	5.8	6.7	5.6	6.2	5.6	6.6	5.6	5.3	5.6
TREAZURE II (PST-4TZ)	7.5	5.3	4.9	7.4	5.8	6.7	4.9	4.2	5.7	7.0	6.7	4.3	5.3	6.1	3.7	5.2	5.8	5.7	5.0	5.8	5.6
CASCADE	7.3	5.3	6.0	6.1	6.1	6.7	4.6	4.4	5.8	7.1	3.0	4.8	5.1	5.9	3.4	5.3	5.1	6.3	5.1	4.9	5.5

TABLE 11A. (CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
SHADEMASTER	7.1	5.2	4.3	5.3	6.3	6.7	4.9	4.3	6.5	6.4	2.3	5.5	5.0	6.0	4.7	5.7	5.3	6.2	4.7	5.3	5.5
DP 77-9886	7.3	5.3	4.5	6.9	5.9	6.3	5.1	4.0	5.8	7.1	4.3	4.1	4.8	5.8	4.0	5.5	5.5	6.2	4.8	5.0	5.4
SEABREEZE	7.2	5.6	4.6	5.4	5.8	7.0	4.7	3.8	5.5	6.6	3.3	4.8	4.4	6.1	5.3	6.1	5.0	6.4	4.8	5.0	5.4
MUSICA	7.0	5.5	4.4	6.3	5.4	6.0	5.1	3.4	6.0	7.7	5.3	4.0	4.7	5.8	4.6	5.7	5.9	6.3	4.6	4.8	5.4
ORACLE	6.8	5.6	4.3	5.8	5.8	5.0	5.2	3.7	6.2	6.6	2.7	5.4	3.9	5.8	6.0	5.7	5.1	6.2	4.6	4.7	5.4
BOREAL	7.1	4.9	3.4	5.8	5.8	4.7	4.8	3.3	5.8	6.1	3.0	4.7	4.6	5.8	6.2	5.6	4.8	6.4	4.3	5.3	5.2
DAWSON E	7.2	5.7	2.3	4.9	6.1	5.7	5.0	2.8	5.8	7.0	3.0	4.5	4.1	5.9	5.6	5.7	5.0	6.2	4.7	5.2	5.2
LSD VALUE	0.8	1.1	2.0	1.1	0.9	1.5	1.5	1.6	1.2	1.1	2.4	1.4	1.0	0.7	1.5	1.0	1.5	1.0	1.2	1.1	0.3
C.V. (%)	6.8	11.7	21.2	9.5	9.5	13.4	16.8	18.6	11.3	9.8	27.4	14.9	9.2	6.7	17.7	9.5	16.4	8.9	15.3	12.3	12.9

TABLE 11B.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
CULUMBRA II (ACF 174)	7.8	5.8	8.4	8.0	6.6	7.7	5.4	7.2	6.8	7.6	7.0	6.6	7.4	7.3	7.3	6.7	5.8	7.7	5.4	6.3	6.9
COMPASS (ACF 188)	8.2	5.2	8.5	8.0	7.1	8.0	5.3	6.1	7.0	7.4	4.3	5.8	7.7	7.3	6.7	6.3	5.9	7.7	5.8	6.2	6.8
DP 77-9885	8.0	5.6	6.8	8.2	6.8	8.3	5.2	6.5	7.0	7.8	4.7	5.9	7.9	6.9	5.1	6.1	6.2	7.6	5.2	5.8	6.6
AMBASSADOR	7.7	5.9	7.9	7.7	6.7	7.7	5.7	6.2	6.0	7.4	7.0	5.9	7.2	7.1	4.1	5.7	6.0	6.8	5.2	6.3	6.5
7 SEAS	7.5	5.6	5.8	7.2	6.7	8.0	5.3	6.9	6.0	7.3	6.0	5.9	6.8	6.9	6.2	6.1	5.8	6.5	5.3	6.1	6.4
SR 5130 (SRX 51G)	7.5	5.2	6.7	7.8	6.8	7.0	5.6	5.5	6.0	7.6	7.0	5.6	6.1	6.7	5.2	5.8	5.9	6.3	5.4	5.9	6.2
J-5 (JAMESTOWN 5)	7.5	5.7	6.9	7.3	6.6	7.7	4.7	6.1	7.0	7.2	5.0	5.6	6.6	6.9	4.7	5.6	5.6	7.0	5.4	5.6	6.2
LACROSSE (IS-FRC 17)	7.8	5.3	6.8	7.6	6.5	7.3	5.6	5.1	6.7	6.0	6.0	5.8	6.6	6.8	4.7	5.8	5.9	6.4	5.3	5.3	6.1
LONGFELLOW II	7.5	5.6	6.0	7.6	6.1	7.0	5.0	5.8	6.7	7.1	6.0	6.1	6.0	6.6	4.9	5.9	5.4	6.5	5.3	6.1	6.1
ZODIAC (BUR 4601)	7.9	5.6	6.2	7.4	6.3	6.7	5.1	5.0	5.8	7.2	8.3	5.3	5.7	6.6	4.0	5.9	6.3	6.3	5.2	5.7	6.1
TREASURE II (PST-4TZ)	7.5	5.3	4.9	7.4	5.8	6.7	4.9	4.2	5.7	7.0	6.7	4.3	5.3	6.1	3.7	5.2	5.8	5.7	5.0	5.8	5.6
CASCADE	7.3	5.3	6.0	6.1	6.1	6.7	4.6	4.4	5.8	7.1	3.0	4.8	5.1	5.9	3.4	5.3	5.1	6.3	5.1	4.9	5.5
DP 77-9886	7.3	5.3	4.5	6.9	5.9	6.3	5.1	4.0	5.8	7.1	4.3	4.1	4.8	5.8	4.0	5.5	5.5	6.2	4.8	5.0	5.4
MUSICA	7.0	5.5	4.4	6.3	5.4	6.0	5.1	3.4	6.0	7.7	5.3	4.0	4.7	5.8	4.6	5.7	5.9	6.3	4.6	4.8	5.4
LSD VALUE	0.9	1.1	1.7	1.0	0.9	1.7	1.5	1.6	1.3	1.1	2.2	1.2	0.9	0.6	1.6	0.9	1.4	1.0	1.0	1.0	0.3
C.V. (%)	7.3	12.7	17.1	8.5	8.8	14.8	18.1	17.5	12.4	9.3	24.1	13.9	9.3	6.1	21.9	9.2	15.0	9.2	14.2	11.3	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 11C.

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
SPLENDOR (ASC 245)	7.7	5.4	7.1	7.6	6.8	8.0	6.0	6.7	7.3	7.4	7.0	6.3	7.9	7.4	7.6	7.3	6.1	7.6	5.6	6.8	6.9
C03-4676	7.3	5.2	6.6	7.8	6.7	8.0	5.2	6.2	7.2	7.4	4.3	6.3	7.4	6.9	7.7	7.3	5.7	7.5	6.1	6.8	6.7
CELESTIAL	7.6	6.0	6.8	7.8	6.8	7.3	6.1	5.1	7.0	7.6	5.7	6.0	6.8	7.0	7.4	6.9	5.5	7.3	5.7	6.3	6.6
FORTITUDE (TL 53)	7.7	5.7	6.1	7.3	6.8	7.7	5.9	5.6	6.8	7.6	8.0	6.8	6.9	6.9	5.9	7.0	6.2	7.1	6.0	6.4	6.6
GARNET (PICK CRF 1-03)	7.6	5.9	6.3	7.8	6.5	7.3	5.9	5.7	7.5	7.6	8.0	5.8	6.8	7.1	6.6	6.7	6.2	7.0	5.9	6.3	6.6
IS-FRR 23	7.5	5.5	7.3	7.3	6.4	7.3	5.3	5.8	6.8	7.6	5.0	6.4	6.9	7.0	7.8	6.3	5.9	7.2	5.9	6.1	6.6
BMXC-S02	7.5	5.4	6.1	7.1	6.5	7.3	5.3	5.8	7.2	7.6	6.0	6.1	6.6	7.3	6.7	7.4	6.1	7.4	5.6	6.6	6.6
PST-8000	7.4	5.9	5.9	7.3	6.3	8.0	6.0	5.5	7.2	8.2	8.3	5.7	6.7	7.1	6.1	7.2	5.8	7.0	5.7	6.4	6.5
AUDUBON	7.7	5.6	5.5	7.2	6.7	7.3	5.7	6.0	7.5	7.2	3.7	6.2	7.2	7.2	7.3	6.6	5.6	7.4	6.0	6.3	6.5
JASPER II	7.4	6.0	5.9	7.1	6.3	7.3	5.4	5.5	7.3	7.6	5.7	5.5	6.8	7.2	7.9	6.8	5.7	7.3	5.9	5.8	6.5
DP 77-9360	7.7	5.5	6.6	7.3	6.4	6.7	5.4	5.3	7.2	7.3	7.7	5.7	6.3	7.1	6.2	6.9	6.1	7.2	6.0	6.2	6.5
C-SMX	7.5	5.8	6.5	7.3	6.7	7.3	5.6	4.8	7.7	7.1	6.3	6.4	6.4	6.8	6.4	6.5	5.9	7.2	5.4	6.2	6.5
TL1	7.3	5.3	6.4	6.9	6.3	7.3	6.1	5.3	6.8	7.3	5.0	6.3	7.3	6.8	6.8	6.8	5.6	7.0	5.8	6.4	6.4
DP 77-9578	7.3	5.3	7.3	7.0	6.3	8.0	6.0	4.2	7.0	7.9	6.3	5.8	6.6	6.9	5.6	7.0	5.8	7.2	5.9	6.6	6.4
CLASS ONE (IS-FRR 29)	7.3	5.8	5.3	7.2	6.6	7.0	5.4	4.8	6.8	7.1	6.0	6.4	6.9	6.7	7.2	6.8	5.7	7.3	5.6	6.7	6.4
RAZOR	7.3	6.0	5.8	7.3	6.6	6.7	6.1	4.9	7.3	7.4	5.0	6.0	6.2	6.7	6.6	6.4	5.5	6.8	5.6	6.9	6.4
DP 77-9579	7.5	5.3	5.5	7.4	6.1	7.3	5.8	5.2	6.7	7.3	7.3	5.4	6.3	6.8	5.4	6.8	6.3	7.3	5.4	6.3	6.3
CARDINAL (IS-FRR 30)	7.3	5.4	6.6	7.3	5.9	7.0	6.0	4.1	6.7	7.3	6.3	5.5	6.2	6.9	5.2	6.9	5.4	6.9	5.7	6.3	6.2
DLF-RCM	7.3	5.2	4.8	6.9	5.8	7.0	5.6	4.6	7.0	7.4	5.0	5.0	5.9	6.7	6.0	6.6	5.6	6.9	5.7	5.9	6.0
PATHFINDER	7.0	5.3	4.3	6.8	6.0	7.0	5.1	4.1	6.5	7.4	5.7	5.5	5.7	6.6	6.0	6.4	5.3	7.1	6.1	6.1	5.9
EPIC (5001)	7.6	5.4	5.8	6.7	5.8	7.0	5.3	3.3	6.8	7.2	7.3	5.0	5.2	6.7	4.8	6.3	5.9	6.7	5.6	5.9	5.9
WENDY JEAN (C03-RCE)	7.4	5.4	5.0	6.7	5.9	7.3	4.9	3.9	6.8	7.3	7.0	4.9	5.9	6.2	5.3	6.5	5.4	6.6	5.3	5.2	5.8
SHADEMASTER	7.1	5.2	4.3	5.3	6.3	6.7	4.9	4.3	6.5	6.4	2.3	5.5	5.0	6.0	4.7	5.7	5.3	6.2	4.7	5.3	5.5
ORACLE	6.8	5.6	4.3	5.8	5.8	5.0	5.2	3.7	6.2	6.6	2.7	5.4	3.9	5.8	6.0	5.7	5.1	6.2	4.6	4.7	5.4
BOREAL	7.1	4.9	3.4	5.8	5.8	4.7	4.8	3.3	5.8	6.1	3.0	4.7	4.6	5.8	6.2	5.6	4.8	6.4	4.3	5.3	5.2
LSD VALUE	0.9	1.0	2.0	1.0	0.9	1.2	1.4	1.6	1.2	1.1	2.4	1.4	0.9	0.7	1.5	1.0	1.5	1.0	1.3	1.1	0.3
C.V. (%)	7.3	11.7	21.4	9.3	9.4	10.9	16.7	19.3	10.8	9.7	25.8	15.0	8.7	6.4	14.8	9.1	16.5	8.6	14.6	11.8	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 11D.

GENETIC COLOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
PREDATOR	8.0	6.6	5.4	7.3	6.3	7.3	6.7	6.4	6.3	7.0	5.0	6.6	8.0	6.5	4.2	6.6	6.4	7.0	5.8	6.7	6.5
FIREFLY (SPM)	7.5	6.1	6.4	6.8	5.9	6.3	6.6	6.3	6.3	7.7	7.0	6.8	7.9	6.5	5.1	6.6	5.9	7.3	5.0	6.7	6.5
GOTHAM (IS-FL 28)	7.7	6.2	6.1	7.1	6.2	6.3	6.7	6.1	5.8	6.9	6.3	6.4	7.4	6.3	3.7	6.3	6.5	6.5	5.8	6.3	6.3
BERKSHIRE	7.6	6.2	6.1	7.3	5.9	6.7	6.0	5.2	6.0	7.2	5.3	6.1	7.8	6.3	4.6	6.1	6.0	7.0	5.9	6.2	6.3
QUATRO	7.3	6.8	6.4	6.2	6.4	6.0	6.9	7.4	5.5	6.8	3.3	5.8	7.8	6.3	3.4	6.1	5.7	6.5	6.1	5.8	6.3
OXFORD	7.3	6.4	5.7	6.9	6.1	6.3	6.3	5.8	5.8	6.8	6.3	6.4	7.4	6.3	3.3	6.2	5.9	7.1	5.9	6.2	6.2
SPARTAN II (PICK HF #2)	7.7	6.3	5.8	7.5	5.9	6.7	6.7	5.8	6.0	6.3	5.0	5.8	7.0	6.4	3.1	6.0	6.6	6.5	5.4	6.2	6.2
SRX 3K	7.1	6.3	4.7	6.8	6.0	6.7	5.7	5.8	5.7	6.7	3.7	5.8	7.3	6.5	4.3	5.8	5.8	6.6	5.4	6.4	6.0
SCALDIS	7.3	6.2	5.2	6.8	6.1	7.3	5.6	5.6	6.0	6.8	4.7	5.4	7.8	6.3	3.4	5.9	5.9	6.9	5.3	5.8	6.0
RELIANT IV (A01630REL)	7.5	6.3	4.9	6.7	6.0	6.7	6.4	5.2	5.7	6.7	5.7	5.6	7.1	6.2	3.9	5.8	5.6	6.3	5.6	6.4	6.0
SR 3000	7.7	6.1	4.2	6.1	5.8	7.0	5.4	4.9	5.7	6.4	4.3	5.2	6.7	6.0	4.4	6.0	5.7	6.9	5.4	5.9	5.8
LSD VALUE	0.6	1.0	2.0	1.1	0.9	1.8	1.6	1.6	1.0	1.2	2.6	1.5	1.1	0.8	1.1	1.1	1.6	1.0	1.3	1.2	0.3
C.V. (%)	5.0	9.9	23.4	10.4	9.8	16.9	16.1	16.8	10.9	11.1	31.9	16.1	9.1	7.7	17.8	11.1	16.3	9.1	18.4	12.0	13.4

TABLE 11E.

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	ME1	MI1	MN1	ND1	NE1	NJ1	NJ2	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
SHORELINE (SRX 55R)	7.8	5.8	3.3	5.9	5.9	5.3	4.4	3.4	6.0	6.0	5.0	5.2	5.8	6.7	5.6	6.2	5.6	6.6	5.6	5.3	5.6
SEABREEZE	7.2	5.6	4.6	5.4	5.8	7.0	4.7	3.8	5.5	6.6	3.3	4.8	4.4	6.1	5.3	6.1	5.0	6.4	4.8	5.0	5.4
DAWSON E	7.2	5.7	2.3	4.9	6.1	5.7	5.0	2.8	5.8	7.0	3.0	4.5	4.1	5.9	5.6	5.7	5.0	6.2	4.7	5.2	5.2
LSD VALUE	0.5	1.2	2.0	1.1	1.1	1.2	1.1	1.4	1.0	0.7	2.8	1.1	0.8	0.8	2.5	0.7	1.7	0.9	1.0	1.6	0.3
C.V. (%)	3.9	12.9	37.5	13.3	11.6	12.4	13.8	27.2	10.9	6.9	46.7	14.9	9.4	8.0	27.0	7.1	20.8	9.0	13.2	18.9	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 12A.

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
MUSICA	8.3	5.6	7.1	6.3	6.0	5.6	5.2	4.3	4.9	8.7	5.0	6.4	5.9	3.0	6.1	6.2	4.8	6.8	5.7	4.8	5.8
JASPER II	7.8	5.2	5.3	6.3	6.0	6.5	5.7	4.7	5.0	4.0	7.3	6.6	5.3	3.0	5.2	6.2	4.3	6.8	6.3	4.8	5.7
RAZOR	7.7	5.3	5.7	6.3	6.0	6.4	6.0	4.8	4.3	4.0	7.7	7.0	4.8	3.0	5.3	6.3	3.7	6.0	6.0	5.4	5.6
DP 77-9886	8.0	5.7	4.6	6.6	6.2	5.0	6.3	4.3	3.9	8.3	5.3	6.7	5.6	3.0	5.2	5.5	5.3	6.5	5.0	4.6	5.6
C-SMX	7.7	4.5	5.3	6.3	5.4	6.5	6.0	4.6	5.1	5.3	5.7	6.9	4.4	2.7	4.8	6.7	4.6	6.0	5.7	4.9	5.5
ORACLE	7.7	5.5	6.1	5.8	5.9	4.9	6.2	4.8	3.8	3.3	6.0	6.6	5.8	2.8	7.0	5.8	3.9	5.8	5.7	4.7	5.5
WENDY JEAN (C03-RCE)	7.8	5.0	4.2	5.8	5.6	6.2	5.5	4.6	5.0	4.7	6.0	6.1	5.8	3.0	5.2	5.8	4.2	6.7	6.3	5.1	5.5
CASCADE	8.1	5.3	6.6	6.2	6.2	5.5	6.0	4.2	4.9	7.0	4.0	6.9	4.7	2.7	5.4	5.7	3.9	6.5	5.3	3.8	5.5
7 SEAS	7.8	4.8	4.1	6.4	5.8	6.1	5.2	4.5	5.0	6.0	6.3	6.4	4.2	3.0	4.3	6.2	4.9	6.8	4.7	4.7	5.5
AUDUBON	7.8	5.4	3.7	6.6	5.1	6.3	5.5	4.7	4.4	3.7	6.7	6.1	5.6	2.8	5.7	6.2	3.7	6.5	6.0	4.7	5.5
C03-4676	7.7	5.2	5.1	6.2	5.8	6.3	4.7	4.1	4.2	4.7	6.0	6.7	5.3	2.7	6.0	6.0	3.7	6.2	6.7	5.6	5.5
PATHFINDER	7.9	5.1	3.7	5.8	5.6	5.8	6.2	4.8	4.4	5.0	5.0	7.2	5.9	2.7	4.8	6.0	4.3	6.2	6.7	5.1	5.5
LONGFELLOW II	7.8	4.6	4.4	6.6	6.1	6.6	5.3	4.1	4.3	5.0	6.0	7.2	4.2	2.8	4.4	6.2	4.8	6.7	4.7	4.3	5.5
SR 5130 (SRX 51G)	7.5	4.7	5.2	5.8	5.6	6.4	5.7	4.3	5.1	7.0	5.3	6.4	4.2	2.7	4.3	6.7	5.3	5.7	4.7	4.4	5.5
SHADEMASTER	7.3	5.3	6.8	5.3	6.3	5.2	5.7	4.5	3.9	5.3	5.3	6.2	6.3	2.9	6.1	5.7	4.6	5.5	5.7	4.9	5.5
J-5 (JAMESTOWN 5)	7.6	5.0	4.0	6.3	5.9	6.3	5.7	4.3	4.4	5.3	4.7	6.4	4.8	3.4	5.1	6.0	4.4	6.2	4.7	4.3	5.5
LACROSSE (IS-FRC 17)	7.6	4.6	3.7	6.3	6.0	6.8	5.3	4.3	4.4	5.7	7.3	6.8	3.9	2.9	4.9	6.0	4.7	6.2	5.7	4.2	5.4
TL1	7.7	5.2	4.7	6.7	5.8	6.3	4.7	4.3	4.7	3.7	5.0	6.3	5.1	2.9	4.7	6.5	4.6	6.2	6.0	5.1	5.4
FORTITUDE (TL 53)	7.8	4.3	5.3	6.3	5.2	6.5	6.5	4.2	4.8	4.0	5.3	6.4	4.9	2.8	4.2	6.0	4.2	5.8	5.7	5.3	5.4
COMPASS (ACF 188)	7.8	4.7	3.9	6.3	6.0	6.4	5.0	4.1	4.8	5.3	5.3	6.7	4.2	3.0	4.2	6.3	4.8	6.5	5.0	4.1	5.4
GARNET (PICK CRF 1-03)	7.8	4.7	4.4	6.3	5.3	6.4	5.7	4.3	4.8	3.3	6.3	6.3	4.9	2.4	4.1	6.5	5.0	6.0	6.3	4.4	5.4
ZODIAC (BUR 4601)	7.8	5.5	3.7	6.3	5.9	6.0	6.0	4.2	4.3	6.3	4.7	6.6	3.6	2.8	4.8	5.8	5.2	6.0	4.3	4.3	5.4
AMBASSADOR	7.8	4.3	4.4	6.2	6.0	6.6	5.5	4.3	4.4	4.0	4.7	6.3	4.7	3.0	4.2	5.7	5.4	5.5	5.0	4.2	5.4
IS-FRR 23	7.5	4.8	4.4	5.8	5.6	6.3	5.3	4.3	4.6	3.3	6.0	6.4	5.2	2.7	5.0	6.0	4.1	5.8	6.3	5.1	5.4
DP 77-9578	7.8	5.2	4.9	5.4	5.0	6.3	5.0	4.6	4.6	3.7	6.0	7.0	4.3	3.1	5.1	6.0	4.2	5.2	6.3	4.9	5.4
TREAZURE II (PST-4TZ)	7.8	4.6	4.8	5.8	5.2	5.7	5.5	4.3	4.8	6.7	5.3	6.6	4.3	2.8	4.1	5.7	5.3	6.0	4.7	4.2	5.3
CELESTIAL	7.7	5.2	5.0	6.0	5.7	6.3	5.2	4.5	4.7	3.3	6.3	6.0	4.0	2.6	5.0	5.8	2.7	6.2	6.0	5.2	5.3
CARDINAL (IS-FRR 30)	7.8	4.6	4.9	5.4	5.0	6.3	5.3	4.8	5.1	3.0	6.7	6.8	4.1	2.7	4.2	6.8	3.9	5.7	6.7	5.0	5.3
DP 77-9579	7.4	4.5	4.7	5.7	5.2	6.3	5.3	4.7	4.4	4.0	6.7	6.6	4.7	2.8	4.6	6.2	4.9	6.0	5.7	5.1	5.3
DP 77-9360	7.5	5.1	5.7	5.3	5.1	6.4	5.0	4.3	4.7	4.7	6.0	6.4	4.4	2.6	4.6	6.3	4.7	5.7	6.3	5.0	5.3
DLF-RCM	7.5	5.0	4.3	5.1	5.2	5.8	5.8	4.6	4.9	4.0	6.7	6.7	4.6	2.7	4.4	6.2	4.6	5.3	6.0	4.9	5.3
QUATRO	7.6	4.0	3.1	5.8	5.6	5.9	4.2	4.7	6.0	6.0	3.7	6.7	6.0	3.3	5.2	5.7	3.7	7.2	4.7	5.0	5.3
CULUMBRA II (ACF 174)	7.8	4.5	5.9	5.9	5.9	6.6	4.3	4.2	3.7	5.3	5.0	6.4	4.1	2.6	4.2	6.7	4.6	6.5	4.7	4.0	5.3
OXFORD	8.0	4.4	2.8	5.1	5.9	5.5	4.0	4.6	5.0	6.7	4.7	6.6	4.6	3.7	4.4	6.0	5.8	6.3	4.3	4.6	5.3
PST-8000	7.3	5.3	4.1	5.3	4.8	6.4	5.7	4.3	4.1	4.3	6.3	6.8	4.2	2.7	5.0	5.8	3.7	5.7	5.7	5.2	5.2
BOREAL	7.8	5.1	4.9	4.9	5.3	4.8	5.7	4.2	4.0	3.3	3.3	6.7	6.2	2.6	6.6	5.7	4.3	5.5	6.0	4.8	5.2
EPIC (5001)	7.8	5.1	4.6	5.9	5.3	6.0	5.5	4.3	4.3	3.7	6.7	5.9	4.0	3.0	4.2	6.3	3.8	4.8	5.3	4.9	5.2
PREDATOR	7.8	4.3	2.8	5.7	5.6	5.8	4.3	4.3	4.7	4.0	6.0	6.8	5.0	3.7	4.9	5.7	5.1	6.5	4.3	4.2	5.2
SEABREEZE	7.7	4.8	6.1	5.3	6.0	4.9	6.5	4.0	3.9	5.3	4.0	6.4	5.9	3.0	5.8	5.5	3.6	5.3	5.0	4.4	5.2
SHORELINE (SRX 55R)	7.9	4.2	5.7	4.9	5.6	5.4	4.7	3.8	4.0	5.3	4.7	6.8	5.3	2.8	6.4	5.5	4.8	6.2	5.0	4.4	5.2
CLASS ONE (IS-FRR 29)	7.7	4.5	3.6	5.3	5.1	6.3	6.2	4.4	3.9	2.7	5.7	6.8	4.4	2.7	4.6	6.0	4.9	5.3	5.7	4.8	5.2
SCALDIS	7.9	4.3	2.6	5.3	5.2	5.2	4.7	4.4	6.0	4.0	3.7	6.6	4.1	3.9	4.6	6.0	4.9	5.5	4.7	4.2	5.1
RELIANT IV (A01630REL)	7.9	4.0	2.0	5.0	5.4	5.2	4.2	4.6	6.0	6.0	4.3	6.4	4.2	3.9	4.6	5.5	4.6	6.3	4.7	4.4	5.1
BMXC-S02	7.6	4.3	5.0	5.7	4.8	6.4	4.8	4.4	4.0	3.7	6.0	6.1	4.2	2.6	4.8	6.2	3.7	5.0	6.3	4.6	5.1
SPLENDOR (ASC 245)	7.3	4.5	4.3	5.4	4.3	6.8	4.3	4.2	4.7	2.0	5.7	6.7	3.2	2.6	4.2	6.2	4.8	4.5	5.0	5.2	5.1
SPARTAN II (PICK HF #2)	7.6	4.1	1.8	5.3	4.6	5.7	4.7	4.5	5.9	6.3	5.3	6.4	4.1	4.0	3.3	5.7	5.0	6.7	4.3	4.0	5.1

TABLE 12A. (CONT'D)

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
GOTHAM (IS-FL 28)	7.6	4.0	3.4	5.0	5.6	5.3	4.0	4.4	5.4	6.7	4.7	6.6	4.3	3.9	3.8	5.7	4.4	6.5	4.0	4.3	5.1
BERKSHIRE	7.9	4.2	2.1	5.3	5.3	5.5	3.5	4.7	5.3	4.3	4.7	6.7	4.4	3.7	4.0	6.0	4.2	6.2	4.7	4.2	5.0
DAWSON E	7.7	4.1	5.2	5.4	5.7	4.6	5.2	4.3	3.9	4.3	4.3	6.3	3.9	3.0	6.2	5.3	4.3	5.0	5.3	4.8	5.0
SR 3000	7.8	4.3	1.7	5.1	5.3	5.0	4.0	4.3	5.8	3.3	4.3	6.2	3.4	3.6	5.0	6.2	4.9	5.7	4.3	4.2	5.0
FIREFLY (SPM)	7.8	3.8	2.3	4.9	5.6	6.0	4.2	4.3	5.0	5.0	5.0	6.3	4.0	3.7	4.7	6.0	4.7	6.3	4.3	3.9	5.0
DP 77-9885	7.7	4.5	3.3	5.3	5.0	6.3	4.7	4.1	3.3	4.0	5.7	6.6	3.3	2.7	3.9	6.2	5.0	5.5	4.0	3.8	5.0
SRX 3K	7.6	3.7	1.1	5.0	4.6	5.6	3.0	4.1	4.9	1.3	5.0	6.9	3.1	3.3	2.6	4.3	4.1	4.0	4.0	4.0	4.5
LSD VALUE	0.6	1.4	1.8	1.4	1.1	1.0	1.4	1.1	1.8	1.8	1.7	0.8	1.8	0.7	1.2	1.2	1.8	1.4	0.9	1.2	0.3
C.V. (%)	5.2	18.3	26.3	16.0	12.6	11.1	16.5	16.0	25.8	23.7	19.0	7.8	23.6	14.8	15.9	13.3	25.4	14.7	10.9	16.8	15.3

TABLE 12B.

 SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
MUSICA	8.3	5.6	7.1	6.3	6.0	5.6	5.2	4.3	4.9	8.7	5.0	6.4	5.9	3.0	6.1	6.2	4.8	6.8	5.7	4.8	5.8
DP 77-9886	8.0	5.7	4.6	6.6	6.2	5.0	6.3	4.3	3.9	8.3	5.3	6.7	5.6	3.0	5.2	5.5	5.3	6.5	5.0	4.6	5.6
CASCADE	8.1	5.3	6.6	6.2	6.2	5.5	6.0	4.2	4.9	7.0	4.0	6.9	4.7	2.7	5.4	5.7	3.9	6.5	5.3	3.8	5.5
7 SEAS	7.8	4.8	4.1	6.4	5.8	6.1	5.2	4.5	5.0	6.0	6.3	6.4	4.2	3.0	4.3	6.2	4.9	6.8	4.7	4.7	5.5
LONGFELLOW II	7.8	4.6	4.4	6.6	6.1	6.6	5.3	4.1	4.3	5.0	6.0	7.2	4.2	2.8	4.4	6.2	4.8	6.7	4.7	4.3	5.5
SR 5130 (SRX 51G)	7.5	4.7	5.2	5.8	5.6	6.4	5.7	4.3	5.1	7.0	5.3	6.4	4.2	2.7	4.3	6.7	5.3	5.7	4.7	4.4	5.5
J-5 (JAMESTOWN 5)	7.6	5.0	4.0	6.3	5.9	6.3	5.7	4.3	4.4	5.3	4.7	6.4	4.8	3.4	5.1	6.0	4.4	6.2	4.7	4.3	5.5
LACROSSE (IS-FRC 17)	7.6	4.6	3.7	6.3	6.0	6.8	5.3	4.3	4.4	5.7	7.3	6.8	3.9	2.9	4.9	6.0	4.7	6.2	5.7	4.2	5.4
COMPASS (ACF 188)	7.8	4.7	3.9	6.3	6.0	6.4	5.0	4.1	4.8	5.3	5.3	6.7	4.2	3.0	4.2	6.3	4.8	6.5	5.0	4.1	5.4
ZODIAC (BUR 4601)	7.8	5.5	3.7	6.3	5.9	6.0	6.0	4.2	4.3	6.3	4.7	6.6	3.6	2.8	4.8	5.8	5.2	6.0	4.3	4.3	5.4
AMBASSADOR	7.8	4.3	4.4	6.2	6.0	6.6	5.5	4.3	4.4	4.0	4.7	6.3	4.7	3.0	4.2	5.7	5.4	5.5	5.0	4.2	5.4
TREASURE II (PST-4TZ)	7.8	4.6	4.8	5.8	5.2	5.7	5.5	4.3	4.8	6.7	5.3	6.6	4.3	2.8	4.1	5.7	5.3	6.0	4.7	4.2	5.3
CULUMBRA II (ACF 174)	7.8	4.5	5.9	5.9	5.9	6.6	4.3	4.2	3.7	5.3	5.0	6.4	4.1	2.6	4.2	6.7	4.6	6.5	4.7	4.0	5.3
DP 77-9885	7.7	4.5	3.3	5.3	5.0	6.3	4.7	4.1	3.3	4.0	5.7	6.6	3.3	2.7	3.9	6.2	5.0	5.5	4.0	3.8	5.0
LSD VALUE	0.6	1.3	1.6	1.4	1.1	1.0	1.5	0.9	1.9	2.2	1.7	0.9	2.0	0.6	1.1	1.4	1.7	1.4	0.9	1.3	0.3
C.V. (%)	4.7	16.5	21.3	15.1	12.1	9.8	16.8	14.2	29.1	22.4	20.3	8.1	28.0	12.8	14.5	15.1	21.9	13.7	11.5	18.5	15.1

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 12C.

 SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
JASPER II	7.8	5.2	5.3	6.3	6.0	6.5	5.7	4.7	5.0	4.0	7.3	6.6	5.3	3.0	5.2	6.2	4.3	6.8	6.3	4.8	5.7
RAZOR	7.7	5.3	5.7	6.3	6.0	6.4	6.0	4.8	4.3	4.0	7.7	7.0	4.8	3.0	5.3	6.3	3.7	6.0	6.0	5.4	5.6
C-SMX	7.7	4.5	5.3	6.3	5.4	6.5	6.0	4.6	5.1	5.3	5.7	6.9	4.4	2.7	4.8	6.7	4.6	6.0	5.7	4.9	5.5
ORACLE	7.7	5.5	6.1	5.8	5.9	4.9	6.2	4.8	3.8	3.3	6.0	6.6	5.8	2.8	7.0	5.8	3.9	5.8	5.7	4.7	5.5
WENDY JEAN (C03-RCE)	7.8	5.0	4.2	5.8	5.6	6.2	5.5	4.6	5.0	4.7	6.0	6.1	5.8	3.0	5.2	5.8	4.2	6.7	6.3	5.1	5.5
AUDUBON	7.8	5.4	3.7	6.6	5.1	6.3	5.5	4.7	4.4	3.7	6.7	6.1	5.6	2.8	5.7	6.2	3.7	6.5	6.0	4.7	5.5
C03-4676	7.7	5.2	5.1	6.2	5.8	6.3	4.7	4.1	4.2	4.7	6.0	6.7	5.3	2.7	6.0	6.0	3.7	6.2	6.7	5.6	5.5
PATHFINDER	7.9	5.1	3.7	5.8	5.6	5.8	6.2	4.8	4.4	5.0	5.0	7.2	5.9	2.7	4.8	6.0	4.3	6.2	6.7	5.1	5.5
SHADEMASTER	7.3	5.3	6.8	5.3	6.3	5.2	5.7	4.5	3.9	5.3	5.3	6.2	6.3	2.9	6.1	5.7	4.6	5.5	5.7	4.9	5.5
TL1	7.7	5.2	4.7	6.7	5.8	6.3	4.7	4.3	4.7	3.7	5.0	6.3	5.1	2.9	4.7	6.5	4.6	6.2	6.0	5.1	5.4
FORTITUDE (TL 53)	7.8	4.3	5.3	6.3	5.2	6.5	6.5	4.2	4.8	4.0	5.3	6.4	4.9	2.8	4.2	6.0	4.2	5.8	5.7	5.3	5.4
GARNET (PICK CRF 1-03)	7.8	4.7	4.4	6.3	5.3	6.4	5.7	4.3	4.8	3.3	6.3	6.3	4.9	2.4	4.1	6.5	5.0	6.0	6.3	4.4	5.4
IS-FRR 23	7.5	4.8	4.4	5.8	5.6	6.3	5.3	4.3	4.6	3.3	6.0	6.4	5.2	2.7	5.0	6.0	4.1	5.8	6.3	5.1	5.4
DP 77-9578	7.8	5.2	4.9	5.4	5.0	6.3	5.0	4.6	4.6	3.7	6.0	7.0	4.3	3.1	5.1	6.0	4.2	5.2	6.3	4.9	5.4
CELESTIAL	7.7	5.2	5.0	6.0	5.7	6.3	5.2	4.5	4.7	3.3	6.3	6.0	4.0	2.6	5.0	5.8	2.7	6.2	6.0	5.2	5.3
CARDINAL (IS-FRR 30)	7.8	4.6	4.9	5.4	5.0	6.3	5.3	4.8	5.1	3.0	6.7	6.8	4.1	2.7	4.2	6.8	3.9	5.7	6.7	5.0	5.3
DP 77-9579	7.4	4.5	4.7	5.7	5.2	6.3	5.3	4.7	4.4	4.0	6.7	6.6	4.7	2.8	4.6	6.2	4.9	6.0	5.7	5.1	5.3
DP 77-9360	7.5	5.1	5.7	5.3	5.1	6.4	5.0	4.3	4.7	4.7	6.0	6.4	4.4	2.6	4.6	6.3	4.7	5.7	6.3	5.0	5.3
DLF-RCM	7.5	5.0	4.3	5.1	5.2	5.8	5.8	4.6	4.9	4.0	6.7	6.7	4.6	2.7	4.4	6.2	4.6	5.3	6.0	4.9	5.3
PST-8000	7.3	5.3	4.1	5.3	4.8	6.4	5.7	4.3	4.1	4.3	6.3	6.8	4.2	2.7	5.0	5.8	3.7	5.7	5.7	5.2	5.2
BOREAL	7.8	5.1	4.9	4.9	5.3	4.8	5.7	4.2	4.0	3.3	3.3	6.7	6.2	2.6	6.6	5.7	4.3	5.5	6.0	4.8	5.2
EPIC (5001)	7.8	5.1	4.6	5.9	5.3	6.0	5.5	4.3	4.3	3.7	6.7	5.9	4.0	3.0	4.2	6.3	3.8	4.8	5.3	4.9	5.2
CLASS ONE (IS-FRR 29)	7.7	4.5	3.6	5.3	5.1	6.3	6.2	4.4	3.9	2.7	5.7	6.8	4.4	2.7	4.6	6.0	4.9	5.3	5.7	4.8	5.2
BMXC-S02	7.6	4.3	5.0	5.7	4.8	6.4	4.8	4.4	4.0	3.7	6.0	6.1	4.2	2.6	4.8	6.2	3.7	5.0	6.3	4.6	5.1
SPLENDOR (ASC 245)	7.3	4.5	4.3	5.4	4.3	6.8	4.3	4.2	4.7	2.0	5.7	6.7	3.2	2.6	4.2	6.2	4.8	4.5	5.0	5.2	5.1
LSD VALUE	0.6	1.4	2.0	1.4	1.1	1.1	1.3	1.1	1.8	1.5	1.6	0.8	1.8	0.7	1.1	1.2	1.9	1.5	1.0	1.2	0.4
C.V. (%)	5.1	18.3	27.0	16.1	13.1	11.1	14.5	15.8	27.8	24.1	16.7	7.5	22.4	15.7	13.3	13.2	28.2	16.5	10.0	16.2	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 12D.

SPRING GREENUP RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
QUATRO	7.6	4.0	3.1	5.8	5.6	5.9	4.2	4.7	6.0	6.0	3.7	6.7	6.0	3.3	5.2	5.7	3.7	7.2	4.7	5.0	5.3
OXFORD	8.0	4.4	2.8	5.1	5.9	5.5	4.0	4.6	5.0	6.7	4.7	6.6	4.6	3.7	4.4	6.0	5.8	6.3	4.3	4.6	5.3
PREDATOR	7.8	4.3	2.8	5.7	5.6	5.8	4.3	4.3	4.7	4.0	6.0	6.8	5.0	3.7	4.9	5.7	5.1	6.5	4.3	4.2	5.2
SCALDIS	7.9	4.3	2.6	5.3	5.2	5.2	4.7	4.4	6.0	4.0	3.7	6.6	4.1	3.9	4.6	6.0	4.9	5.5	4.7	4.2	5.1
RELIANT IV (A01630REL)	7.9	4.0	2.0	5.0	5.4	5.2	4.2	4.6	6.0	6.0	4.3	6.4	4.2	3.9	4.6	5.5	4.6	6.3	4.7	4.4	5.1
SPARTAN II (PICK HF #2)	7.6	4.1	1.8	5.3	4.6	5.7	4.7	4.5	5.9	6.3	5.3	6.4	4.1	4.0	3.3	5.7	5.0	6.7	4.3	4.0	5.1
GOTHAM (IS-FL 28)	7.6	4.0	3.4	5.0	5.6	5.3	4.0	4.4	5.4	6.7	4.7	6.6	4.3	3.9	3.8	5.7	4.4	6.5	4.0	4.3	5.1
BERKSHIRE	7.9	4.2	2.1	5.3	5.3	5.5	3.5	4.7	5.3	4.3	4.7	6.7	4.4	3.7	4.0	6.0	4.2	6.2	4.7	4.2	5.0
SR 3000	7.8	4.3	1.7	5.1	5.3	5.0	4.0	4.3	5.8	3.3	4.3	6.2	3.4	3.6	5.0	6.2	4.9	5.7	4.3	4.2	5.0
FIREFLY (SPM)	7.8	3.8	2.3	4.9	5.6	6.0	4.2	4.3	5.0	5.0	5.0	6.3	4.0	3.7	4.7	6.0	4.7	6.3	4.3	3.9	5.0
SRX 3K	7.6	3.7	1.1	5.0	4.6	5.6	3.0	4.1	4.9	1.3	5.0	6.9	3.1	3.3	2.6	4.3	4.1	4.0	4.0	4.0	4.5
LSD VALUE	0.6	1.2	1.5	1.4	1.1	1.1	1.4	1.2	1.6	2.0	1.5	0.9	1.2	0.9	1.7	1.1	1.6	1.1	0.8	1.1	0.3
C.V. (%)	5.3	19.2	37.5	17.3	13.0	12.9	21.7	17.9	18.7	25.5	20.1	8.4	22.5	15.1	28.0	11.6	22.0	12.0	11.9	16.2	15.5

TABLE 12E.

SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NJ2	NY1	PA1	QE1	RI1	SD1	UT1	VA1	WA1	WA3	MEAN
SEABREEZE	7.7	4.8	6.1	5.3	6.0	4.9	6.5	4.0	3.9	5.3	4.0	6.4	5.9	3.0	5.8	5.5	3.6	5.3	5.0	4.4	5.2
SHORELINE (SRX 55R)	7.9	4.2	5.7	4.9	5.6	5.4	4.7	3.8	4.0	5.3	4.7	6.8	5.3	2.8	6.4	5.5	4.8	6.2	5.0	4.4	5.2
DAWSON E	7.7	4.1	5.2	5.4	5.7	4.6	5.2	4.3	3.9	4.3	4.3	6.3	3.9	3.0	6.2	5.3	4.3	5.0	5.3	4.8	5.0
LSD VALUE	0.6	1.4	1.6	1.2	1.0	0.7	1.5	0.9	1.7	1.3	2.2	0.7	2.0	0.2	1.0	1.1	1.9	1.4	1.1	1.0	0.3
C.V. (%)	5.1	20.4	18.6	14.8	11.8	9.9	17.4	13.7	31.8	16.3	31.7	6.6	24.4	4.0	10.5	12.8	29.7	17.6	13.0	14.1	14.9

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 13A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
QUATRO	6.8	7.7	8.5	7.7	8.0	7.6
BERKSHIRE	6.5	8.3	8.0	7.7	7.3	7.4
SHORELINE (SRX 55R)	6.2	8.0	8.0	7.7	7.7	7.2
CULUMBRA II (ACF 174)	6.3	7.3	7.7	7.3	7.3	7.2
MUSICA	6.3	7.0	8.3	7.3	8.1	7.2
AMBASSADOR	6.3	7.0	8.0	7.0	7.3	7.2
LACROSSE (IS-FRC 17)	6.3	6.7	8.0	7.7	7.3	7.1
GOTHAM (IS-FL 28)	6.2	8.0	7.8	7.3	7.4	7.1
SPARTAN II (PICK HF #2)	6.2	8.0	8.0	7.3	7.6	7.1
TREAZURE II (PST-4TZ)	6.3	7.0	7.8	7.3	7.7	7.1
DP 77-9886	6.3	7.3	8.2	7.7	7.7	7.1
7 SEAS	6.3	7.3	7.8	7.3	7.4	7.1
RELIANT IV (A01630REL)	6.3	8.0	8.0	7.3	7.3	7.1
FIREFLY (SPM)	6.1	8.0	7.8	7.0	7.4	7.1
ZODIAC (BUR 4601)	6.0	7.7	8.0	7.3	7.8	7.0
IS-FRR 23	6.3	7.0	7.7	7.3	7.3	7.0
LONGFELLOW II	6.2	6.7	7.7	8.0	7.8	7.0
SR 5130 (SRX 51G)	6.1	7.0	7.8	7.3	7.4	7.0
SEABREEZE	6.3	6.7	8.0	7.3	7.3	7.0
SR 3000	6.0	8.0	8.0	7.0	7.3	7.0
C03-4676	6.2	7.3	7.5	7.7	7.3	7.0
DP 77-9885	6.1	7.3	8.0	7.3	7.3	7.0
COMPASS (ACF 188)	6.3	7.0	7.5	7.3	7.0	7.0
OXFORD	5.8	8.0	8.2	7.3	7.4	7.0
PATHFINDER	6.1	6.7	7.8	8.0	7.2	6.9
J-5 (JAMESTOWN 5)	6.3	6.7	7.8	7.3	7.2	6.9
PST-8000	6.3	6.3	7.3	7.7	7.0	6.9
CASCADE	5.8	7.7	7.7	7.7	7.8	6.9
PREDATOR	5.8	6.7	8.2	7.7	7.3	6.9
FORTITUDE (TL 53)	6.4	6.3	7.3	7.3	7.0	6.8
SCALDIS	6.0	7.0	8.0	7.3	7.3	6.8
BMXC-S02	6.2	6.0	7.7	7.0	7.1	6.8
SRX 3K	5.8	7.7	7.8	7.7	7.3	6.8
DP 77-9578	6.1	6.3	7.3	8.0	7.1	6.8
CELESTIAL	5.8	6.5	7.3	7.0	7.4	6.8
CLASS ONE (IS-FRR 29)	6.3	6.0	7.5	7.7	6.9	6.8
EPIC (5001)	6.4	6.7	7.3	6.3	6.9	6.7
DAWSON E	5.8	7.7	7.7	7.0	7.3	6.7
JASPER II	5.8	6.3	7.7	7.3	7.3	6.7
DLF-RCM	6.0	6.0	7.3	7.3	7.1	6.7
GARNET (PICK CRF 1-03)	6.0	6.7	7.5	7.0	7.1	6.7
SPLENDOR (ASC 245)	6.2	6.3	7.3	7.7	6.9	6.7
AUDUBON	6.1	6.3	7.7	7.0	6.8	6.6
RAZOR	5.8	6.0	7.2	8.0	7.3	6.6
SHADEMASTER	5.8	6.5	7.7	7.0	6.9	6.6
TL1	6.1	6.7	7.3	7.3	6.7	6.5

TABLE 13A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
C-SMX	5.6	6.7	7.3	7.7	7.2	6.5
DP 77-9360	5.8	6.3	7.5	7.3	6.9	6.5
DP 77-9579	5.8	6.0	7.3	7.3	7.0	6.5
WENDY JEAN (CO3-RCE)	5.5	6.7	7.2	7.0	7.1	6.5
BOREAL	6.0	6.3	7.3	7.3	6.8	6.5
CARDINAL (IS-FRR 30)	5.7	6.0	7.3	7.7	6.9	6.5
ORACLE	5.6	6.3	7.2	7.3	6.8	6.4
LSD VALUE	1.2	1.1	0.6	0.8	0.6	0.7
C.V. (%)	13.4	10.0	5.3	6.7	5.4	8.9

TABLE 13B. LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
CULUMBRA II (ACF 174)	6.3	7.3	7.7	7.3	7.3	7.2
MUSICA	6.3	7.0	8.3	7.3	8.1	7.2
AMBASSADOR	6.3	7.0	8.0	7.0	7.3	7.2
LACROSSE (IS-FRC 17)	6.3	6.7	8.0	7.7	7.3	7.1
TREAZURE II (PST-4TZ)	6.3	7.0	7.8	7.3	7.7	7.1
DP 77-9886	6.3	7.3	8.2	7.7	7.7	7.1
7 SEAS	6.3	7.3	7.8	7.3	7.4	7.1
ZODIAC (BUR 4601)	6.0	7.7	8.0	7.3	7.8	7.0
LONGFELLOW II	6.2	6.7	7.7	8.0	7.8	7.0
SR 5130 (SRX 51G)	6.1	7.0	7.8	7.3	7.4	7.0
DP 77-9885	6.1	7.3	8.0	7.3	7.3	7.0
COMPASS (ACF 188)	6.3	7.0	7.5	7.3	7.0	7.0
J-5 (JAMESTOWN 5)	6.3	6.7	7.8	7.3	7.2	6.9
CASCADE	5.8	7.7	7.7	7.7	7.8	6.9
LSD VALUE	1.0	1.0	0.6	0.9	0.6	0.6
C.V. (%)	11.4	8.5	5.1	7.2	4.8	7.9

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 13C. LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
IS-FRR 23	6.3	7.0	7.7	7.3	7.3	7.0
C03-4676	6.2	7.3	7.5	7.7	7.3	7.0
PATHFINDER	6.1	6.7	7.8	8.0	7.2	6.9
PST-8000	6.3	6.3	7.3	7.7	7.0	6.9
FORTITUDE (TL 53)	6.4	6.3	7.3	7.3	7.0	6.8
BMXC-S02	6.2	6.0	7.7	7.0	7.1	6.8
DP 77-9578	6.1	6.3	7.3	8.0	7.1	6.8
CELESTIAL	5.8	6.5	7.3	7.0	7.4	6.8
CLASS ONE (IS-FRR 29)	6.3	6.0	7.5	7.7	6.9	6.8
EPIC (5001)	6.4	6.7	7.3	6.3	6.9	6.7
JASPER II	5.8	6.3	7.7	7.3	7.3	6.7
DLF-RCM	6.0	6.0	7.3	7.3	7.1	6.7
GARNET (PICK CRF 1-03)	6.0	6.7	7.5	7.0	7.1	6.7
SPLENDOR (ASC 245)	6.2	6.3	7.3	7.7	6.9	6.7
AUDUBON	6.1	6.3	7.7	7.0	6.8	6.6
RAZOR	5.8	6.0	7.2	8.0	7.3	6.6
SHADEMASTER	5.8	6.5	7.7	7.0	6.9	6.6
TL1	6.1	6.7	7.3	7.3	6.7	6.5
C-SMX	5.6	6.7	7.3	7.7	7.2	6.5
DP 77-9360	5.8	6.3	7.5	7.3	6.9	6.5
DP 77-9579	5.8	6.0	7.3	7.3	7.0	6.5
WENDY JEAN (C03-RCE)	5.5	6.7	7.2	7.0	7.1	6.5
BOREAL	6.0	6.3	7.3	7.3	6.8	6.5
CARDINAL (IS-FRR 30)	5.7	6.0	7.3	7.7	6.9	6.5
ORACLE	5.6	6.3	7.2	7.3	6.8	6.4
LSD VALUE	1.3	1.0	0.7	0.7	0.7	0.7
C.V. (%)	14.4	10.0	5.5	6.3	6.4	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 13D. LEAF TEXTURE RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
QUATRO	6.8	7.7	8.5	7.7	8.0	7.6
BERKSHIRE	6.5	8.3	8.0	7.7	7.3	7.4
GOTHAM (IS-FL 28)	6.2	8.0	7.8	7.3	7.4	7.1
SPARTAN II (PICK HF #2)	6.2	8.0	8.0	7.3	7.6	7.1
RELIANT IV (A01630REL)	6.3	8.0	8.0	7.3	7.3	7.1
FIREFLY (SPM)	6.1	8.0	7.8	7.0	7.4	7.1
SR 3000	6.0	8.0	8.0	7.0	7.3	7.0
OXFORD	5.8	8.0	8.2	7.3	7.4	7.0
PREDATOR	5.8	6.7	8.2	7.7	7.3	6.9
SCALDIS	6.0	7.0	8.0	7.3	7.3	6.8
SRX 3K	5.8	7.7	7.8	7.7	7.3	6.8
LSD VALUE	0.9	1.4	0.6	0.8	0.4	0.6
C.V. (%)	10.5	11.2	4.7	7.1	3.5	7.9

TABLE 13E. LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NY1	QE1	MEAN
SHORELINE (SRX 55R)	6.2	8.0	8.0	7.7	7.7	7.2
SEABREEZE	6.3	6.7	8.0	7.3	7.3	7.0
DAWSON E	5.8	7.7	7.7	7.0	7.3	6.7
LSD VALUE	1.1	1.2	0.5	0.8	0.5	0.7
C.V. (%)	11.6	10.0	4.3	6.4	4.4	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.

TABLE 14A.

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
ORACLE	6.3	6.0	8.0	7.0	6.7	8.0	5.0	8.7	5.7	6.8
BOREAL	6.7	6.7	8.0	6.7	6.7	7.7	4.7	8.7	5.3	6.8
DP 77-9886	5.0	8.0	8.3	7.0	5.7	6.0	5.7	7.3	5.3	6.5
EPIC (5001)	6.7	6.0	7.7	6.3	5.7	7.3	5.7	7.7	5.3	6.5
CELESTIAL	6.0	5.7	7.7	7.0	6.7	7.3	5.3	7.0	5.3	6.4
MUSICA	7.3	8.3	7.3	6.0	7.0	5.0	5.7	7.0	4.3	6.4
DLF-RCM	4.3	7.7	7.0	7.0	7.0	7.7	5.0	7.7	4.7	6.4
DP 77-9579	6.3	7.3	7.3	6.7	6.0	6.3	5.3	6.3	5.0	6.3
DP 77-9578	6.7	6.3	7.3	7.0	6.3	6.7	5.3	6.0	4.7	6.3
IS-FRR 23	5.7	6.7	7.3	7.0	6.7	6.0	5.3	6.3	4.7	6.2
RAZOR	4.3	8.0	6.7	7.0	7.3	6.0	4.7	6.3	5.3	6.2
WENDY JEAN (C03-RCE)	5.0	6.3	6.7	6.7	6.0	7.0	5.0	7.3	5.7	6.2
CASCADE	6.3	7.0	7.7	6.7	5.7	5.7	4.7	6.7	5.3	6.2
AMBASSADOR	6.0	7.3	7.3	6.7	5.7	5.3	5.0	6.7	5.0	6.1
CARDINAL (IS-FRR 30)	6.7	6.3	7.3	6.3	6.0	6.0	5.0	6.7	4.7	6.1
LONGFELLOW II	5.0	5.7	8.3	7.0	6.7	6.0	5.3	5.3	5.3	6.1
DP 77-9885	6.0	8.3	6.3	7.0	6.3	5.0	5.3	5.3	4.7	6.0
JASPER II	5.0	5.7	8.0	6.7	7.3	6.0	5.0	5.7	4.7	6.0
LACROSSE (IS-FRC 17)	6.7	7.0	8.3	7.0	6.0	4.3	4.0	5.7	5.0	6.0
ZODIAC (BUR 4601)	5.3	6.7	7.3	7.0	5.7	5.7	5.3	6.0	5.0	6.0
C-SMX	5.0	8.3	7.7	6.7	6.3	4.7	5.0	5.7	4.7	6.0
SHADEMASTER	5.7	5.7	7.0	6.7	7.0	4.3	6.0	6.3	4.7	5.9
GARNET (PICK CRF 1-03)	4.7	7.0	7.3	7.0	6.3	5.0	5.3	5.3	5.0	5.9
PST-8000	6.7	6.7	8.3	6.3	6.0	4.3	4.3	6.0	4.0	5.9
SHORELINE (SRX 55R)	5.3	7.7	6.7	6.7	5.3	5.7	5.3	5.7	4.3	5.9
TREAZURE II (PST-4TZ)	5.7	7.7	7.3	6.3	5.7	3.3	5.0	6.7	4.7	5.8
J-5 (JAMESTOWN 5)	6.0	5.0	8.3	6.7	5.7	5.0	5.3	4.7	5.3	5.8
PATHFINDER	5.0	6.3	7.0	6.3	6.3	5.0	5.0	6.7	4.3	5.8
SR 5130 (SRX 51G)	6.7	7.0	7.3	6.3	6.0	3.7	4.7	5.7	4.7	5.8
CULUMBRA II (ACF 174)	6.0	7.3	6.7	7.0	6.0	4.3	4.7	5.0	4.7	5.7
7 SEAS	6.0	7.0	6.7	6.3	7.0	4.0	5.3	4.3	4.7	5.7
DP 77-9360	3.7	6.3	8.0	7.0	5.0	6.0	5.0	6.0	4.3	5.7
FORTITUDE (TL 53)	4.7	7.0	6.7	6.0	6.3	4.7	5.3	5.7	5.0	5.7
BERKSHIRE	5.0	4.3	4.7	6.7	7.0	6.3	5.3	6.7	4.7	5.6
BMXC-S02	5.7	6.7	6.0	6.7	6.7	3.3	4.3	6.3	4.7	5.6
C03-4676	3.3	6.3	7.0	7.0	6.0	6.3	5.0	5.0	4.3	5.6
TL1	4.3	4.7	7.7	6.3	6.3	4.3	5.0	6.0	5.7	5.6
CLASS ONE (IS-FRR 29)	5.7	6.3	6.3	6.3	6.0	4.3	5.0	5.7	4.3	5.6
AUDUBON	4.0	7.0	7.0	6.3	6.0	4.3	5.7	4.3	4.3	5.4
OXFORD	6.3	5.0	4.3	6.3	6.7	4.0	5.0	6.7	4.7	5.4
RELIANT IV (A01630REL)	6.7	5.3	3.7	6.7	6.7	3.3	5.7	6.3	4.3	5.4
SPARTAN II (PICK HF #2)	3.3	4.3	5.7	6.7	7.7	4.7	5.3	7.0	4.0	5.4
SPLENDOR (ASC 245)	7.0	5.3	5.3	6.7	5.3	3.3	6.0	4.7	5.0	5.4
SEABREEZE	5.0	6.7	6.3	6.3	7.0	3.0	5.0	5.0	4.0	5.4
GOTHAM (IS-FL 28)	4.0	3.0	5.3	6.7	7.7	4.0	5.7	6.3	5.0	5.3
QUATRO	6.3	5.3	4.3	7.0	7.0	3.0	5.3	6.0	3.3	5.3

TABLE 14A.
(CONT'D)

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
COMPASS (ACF 188)	4.7	6.7	7.0	6.7	5.0	3.3	4.7	4.0	4.7	5.2
SR 3000	6.0	5.3	5.7	6.7	7.0	2.3	5.7	3.0	4.3	5.1
SRX 3K	4.7	5.3	4.0	6.7	6.3	3.3	4.7	6.0	4.7	5.1
DAWSON E	3.0	5.7	7.7	6.3	5.3	3.3	4.7	5.3	4.0	5.0
PREDATOR	3.0	4.3	3.3	6.3	7.3	3.0	6.0	5.3	4.0	4.7
SCALDIS	4.0	3.7	3.7	7.0	6.0	3.7	4.7	5.7	4.0	4.7
FIREFLY (SPM)	4.7	3.3	2.7	6.7	6.7	2.3	5.7	5.0	4.3	4.6
LSD VALUE	3.1	2.5	1.6	0.9	1.5	1.8	1.5	1.2	1.1	0.6
C.V. (%)	36.0	24.5	14.7	8.8	14.5	22.5	17.6	12.8	14.3	19.4

TABLE 14B.

SEEDLING VIGOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
DP 77-9886	5.0	8.0	8.3	7.0	5.7	6.0	5.7	7.3	5.3	6.5
MUSICA	7.3	8.3	7.3	6.0	7.0	5.0	5.7	7.0	4.3	6.4
CASCADE	6.3	7.0	7.7	6.7	5.7	5.7	4.7	6.7	5.3	6.2
AMBASSADOR	6.0	7.3	7.3	6.7	5.7	5.3	5.0	6.7	5.0	6.1
LONGFELLOW II	5.0	5.7	8.3	7.0	6.7	6.0	5.3	5.3	5.3	6.1
DP 77-9885	6.0	8.3	6.3	7.0	6.3	5.0	5.3	5.3	4.7	6.0
LACROSSE (IS-FRC 17)	6.7	7.0	8.3	7.0	6.0	4.3	4.0	5.7	5.0	6.0
ZODIAC (BUR 4601)	5.3	6.7	7.3	7.0	5.7	5.7	5.3	6.0	5.0	6.0
TREASURE II (PST-4TZ)	5.7	7.7	7.3	6.3	5.7	3.3	5.0	6.7	4.7	5.8
J-5 (JAMESTOWN 5)	6.0	5.0	8.3	6.7	5.7	5.0	5.3	4.7	5.3	5.8
SR 5130 (SRX 51G)	6.7	7.0	7.3	6.3	6.0	3.7	4.7	5.7	4.7	5.8
CULUMBRA II (ACF 174)	6.0	7.3	6.7	7.0	6.0	4.3	4.7	5.0	4.7	5.7
7 SEAS	6.0	7.0	6.7	6.3	7.0	4.0	5.3	4.3	4.7	5.7
COMPASS (ACF 188)	4.7	6.7	7.0	6.7	5.0	3.3	4.7	4.0	4.7	5.2
LSD VALUE	3.1	2.6	1.5	1.0	1.3	2.2	1.4	1.1	1.2	0.6
C.V. (%)	33.1	22.6	12.6	9.2	13.1	28.4	17.3	11.7	15.1	19.3

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 14C. SEEDLING VIGOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
ORACLE	6.3	6.0	8.0	7.0	6.7	8.0	5.0	8.7	5.7	6.8
BOREAL	6.7	6.7	8.0	6.7	6.7	7.7	4.7	8.7	5.3	6.8
EPIC (5001)	6.7	6.0	7.7	6.3	5.7	7.3	5.7	7.7	5.3	6.5
CELESTIAL	6.0	5.7	7.7	7.0	6.7	7.3	5.3	7.0	5.3	6.4
DLF-RCM	4.3	7.7	7.0	7.0	7.0	7.7	5.0	7.7	4.7	6.4
DP 77-9579	6.3	7.3	7.3	6.7	6.0	6.3	5.3	6.3	5.0	6.3
DP 77-9578	6.7	6.3	7.3	7.0	6.3	6.7	5.3	6.0	4.7	6.3
IS-FRR 23	5.7	6.7	7.3	7.0	6.7	6.0	5.3	6.3	4.7	6.2
RAZOR	4.3	8.0	6.7	7.0	7.3	6.0	4.7	6.3	5.3	6.2
WENDY JEAN (C03-RCE)	5.0	6.3	6.7	6.7	6.0	7.0	5.0	7.3	5.7	6.2
CARDINAL (IS-FRR 30)	6.7	6.3	7.3	6.3	6.0	6.0	5.0	6.7	4.7	6.1
JASPER II	5.0	5.7	8.0	6.7	7.3	6.0	5.0	5.7	4.7	6.0
C-SMX	5.0	8.3	7.7	6.7	6.3	4.7	5.0	5.7	4.7	6.0
SHADEMASTER	5.7	5.7	7.0	6.7	7.0	4.3	6.0	6.3	4.7	5.9
GARNET (PICK CRF 1-03)	4.7	7.0	7.3	7.0	6.3	5.0	5.3	5.3	5.0	5.9
PST-8000	6.7	6.7	8.3	6.3	6.0	4.3	4.3	6.0	4.0	5.9
PATHFINDER	5.0	6.3	7.0	6.3	6.3	5.0	5.0	6.7	4.3	5.8
DP 77-9360	3.7	6.3	8.0	7.0	5.0	6.0	5.0	6.0	4.3	5.7
FORTITUDE (TL 53)	4.7	7.0	6.7	6.0	6.3	4.7	5.3	5.7	5.0	5.7
BMXC-S02	5.7	6.7	6.0	6.7	6.7	3.3	4.3	6.3	4.7	5.6
C03-4676	3.3	6.3	7.0	7.0	6.0	6.3	5.0	5.0	4.3	5.6
TL1	4.3	4.7	7.7	6.3	6.3	4.3	5.0	6.0	5.7	5.6
CLASS ONE (IS-FRR 29)	5.7	6.3	6.3	6.3	6.0	4.3	5.0	5.7	4.3	5.6
AUDUBON	4.0	7.0	7.0	6.3	6.0	4.3	5.7	4.3	4.3	5.4
SPLENDOR (ASC 245)	7.0	5.3	5.3	6.7	5.3	3.3	6.0	4.7	5.0	5.4
LSD VALUE	3.2	2.2	1.4	0.9	1.5	1.3	1.5	1.4	1.1	0.6
C.V. (%)	37.0	20.7	12.4	8.5	14.5	14.2	17.9	13.9	14.7	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 14D. SEEDLING VIGOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
BERKSHIRE	5.0	4.3	4.7	6.7	7.0	6.3	5.3	6.7	4.7	5.6
OXFORD	6.3	5.0	4.3	6.3	6.7	4.0	5.0	6.7	4.7	5.4
RELIANT IV (A01630REL)	6.7	5.3	3.7	6.7	6.7	3.3	5.7	6.3	4.3	5.4
SPARTAN II (PICK HF #2)	3.3	4.3	5.7	6.7	7.7	4.7	5.3	7.0	4.0	5.4
GOTHAM (IS-FL 28)	4.0	3.0	5.3	6.7	7.7	4.0	5.7	6.3	5.0	5.3
QUATRO	6.3	5.3	4.3	7.0	7.0	3.0	5.3	6.0	3.3	5.3
SR 3000	6.0	5.3	5.7	6.7	7.0	2.3	5.7	3.0	4.3	5.1
SRX 3K	4.7	5.3	4.0	6.7	6.3	3.3	4.7	6.0	4.7	5.1
PREDATOR	3.0	4.3	3.3	6.3	7.3	3.0	6.0	5.3	4.0	4.7
SCALDIS	4.0	3.7	3.7	7.0	6.0	3.7	4.7	5.7	4.0	4.7
FIREFLY (SPM)	4.7	3.3	2.7	6.7	6.7	2.3	5.7	5.0	4.3	4.6
LSD VALUE	2.9	3.0	2.0	1.0	1.8	2.1	1.2	1.0	0.9	0.6
C.V. (%)	36.3	41.4	28.3	9.0	15.9	35.5	13.8	10.4	12.8	22.9

TABLE 14E. SEEDLING VIGOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
	IL2	MA1	MD1	MI1	ND1	NJ1	NY1	PA1	QE1	MEAN
SHORELINE (SRX 55R)	5.3	7.7	6.7	6.7	5.3	5.7	5.3	5.7	4.3	5.9
SEABREEZE	5.0	6.7	6.3	6.3	7.0	3.0	5.0	5.0	4.0	5.4
DAWSON E	3.0	5.7	7.7	6.3	5.3	3.3	4.7	5.3	4.0	5.0
LSD VALUE	3.0	2.1	1.3	0.9	1.2	2.0	2.2	1.2	0.5	0.6
C.V. (%)	41.8	19.4	11.9	9.0	12.7	31.2	27.5	14.0	8.1	20.2

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 15A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	RI1	WA3	MEAN
QUATRO	6.8	6.2	8.0	6.6	7.0	8.2	7.0
SPARTAN II (PICK HF #2)	6.3	6.3	8.3	6.4	6.7	7.8	6.9
ZODIAC (BUR 4601)	6.7	6.2	8.3	6.0	5.3	8.3	6.9
RELIANT IV (A01630REL)	6.3	6.3	7.8	6.8	6.0	7.8	6.8
FIREFLY (SPM)	6.2	5.9	8.1	6.9	5.7	7.8	6.8
MUSICA	7.0	5.8	7.8	5.9	6.3	8.7	6.8
LACROSSE (IS-FRC 17)	6.7	5.9	7.8	5.9	5.3	8.8	6.8
SR 5130 (SRX 51G)	6.7	6.0	7.9	5.7	5.3	7.8	6.7
TREAZURE II (PST-4TZ)	6.8	5.8	7.6	5.7	5.0	8.7	6.6
BERKSHIRE	5.6	5.5	8.1	6.8	6.3	8.2	6.6
SR 3000	5.7	6.2	7.7	6.6	6.3	7.5	6.6
AMBASSADOR	5.7	6.0	7.6	6.1	5.3	8.7	6.6
DP 77-9885	6.4	6.2	7.8	5.8	5.0	7.3	6.6
LONGFELLOW II	6.5	6.0	7.5	5.9	4.7	8.0	6.6
CULUMBRA II (ACF 174)	6.5	6.3	7.2	5.9	5.0	8.0	6.5
PREDATOR	5.9	5.9	7.5	6.8	5.3	7.2	6.5
GOTHAM (IS-FL 28)	5.4	5.8	7.8	6.4	6.0	7.7	6.5
SRX 3K	5.6	5.8	7.7	6.8	6.0	7.2	6.5
J-5 (JAMESTOWN 5)	5.7	5.8	7.8	5.8	5.0	7.8	6.4
COMPASS (ACF 188)	5.9	5.6	7.8	5.7	4.7	8.2	6.4
OXFORD	5.3	6.5	7.2	6.4	6.3	7.2	6.4
SCALDIS	5.5	5.7	7.6	6.6	6.0	7.0	6.3
BMXC-S02	5.9	5.8	7.3	5.9	4.7	7.3	6.3
7 SEAS	5.8	5.7	7.3	6.0	4.0	8.0	6.3
DP 77-9886	5.6	5.7	7.1	6.0	5.0	8.5	6.2
CARDINAL (IS-FRR 30)	5.8	5.4	7.9	5.3	4.7	7.3	6.2
DLF-RCM	6.3	5.6	7.2	5.3	5.0	7.2	6.2
FORTITUDE (TL 53)	5.7	5.8	7.3	5.4	3.7	7.3	6.1
C-SMX	5.8	5.8	6.9	5.8	5.0	7.0	6.1
CELESTIAL	5.7	5.6	7.1	5.9	4.3	7.0	6.1
EPIC (5001)	5.4	6.3	6.8	5.4	5.0	7.7	6.1
WENDY JEAN (C03-RCE)	5.8	5.6	7.3	5.2	4.7	7.5	6.1
DP 77-9579	5.7	5.8	7.0	5.8	3.7	6.8	6.0
PST-8000	5.8	5.4	7.1	5.3	4.7	7.3	6.0
DP 77-9578	5.4	5.8	7.1	5.6	4.3	6.8	6.0
GARNET (PICK CRF 1-03)	5.9	5.7	6.8	5.3	4.3	7.2	6.0
SPLENDOR (ASC 245)	5.3	5.6	7.7	5.0	4.3	7.3	6.0
CASCADE	5.1	5.2	7.2	5.9	6.0	7.7	6.0
DP 77-9360	5.9	5.6	6.8	5.4	3.7	7.0	6.0
RAZOR	5.8	5.5	6.8	5.7	4.0	7.0	6.0
TL1	6.0	5.3	6.9	5.3	4.0	7.0	5.9
JASPER II	5.1	5.5	6.9	5.7	4.3	7.2	5.9
SHORELINE (SRX 55R)	4.8	5.5	6.7	5.7	4.3	8.2	5.8
C03-4676	4.3	5.5	7.9	5.3	3.7	6.7	5.8
IS-FRR 23	4.8	5.4	7.1	5.2	4.0	7.5	5.7
CLASS ONE (IS-FRR 29)	4.8	5.7	6.7	5.6	4.0	6.5	5.7

TABLE 15A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	MI1	ND1	NE1	QE1	RI1	WA3	
PATHFINDER	4.8	5.5	6.8	5.4	3.7	7.0	5.7
AUDUBON	4.6	5.9	6.8	5.2	4.7	6.7	5.7
SEABREEZE	4.8	4.8	6.3	5.6	4.0	7.3	5.5
DAWSON E	4.6	5.2	6.0	5.0	3.7	7.3	5.3
ORACLE	4.9	5.0	5.8	4.9	3.3	7.0	5.3
SHADEMASTER	4.3	4.8	6.7	5.2	3.3	6.5	5.2
BOREAL	4.3	5.2	5.7	5.0	2.7	7.3	5.2
LSD VALUE	1.7	1.3	2.2	0.7	1.2	1.1	0.8
C.V. (%)	19.1	13.8	18.8	8.0	15.9	9.2	16.2

TABLE 15B. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	MI1	ND1	NE1	QE1	RI1	WA3	
ZODIAC (BUR 4601)	6.7	6.2	8.3	6.0	5.3	8.3	6.9
MUSICA	7.0	5.8	7.8	5.9	6.3	8.7	6.8
LACROSSE (IS-FRC 17)	6.7	5.9	7.8	5.9	5.3	8.8	6.8
SR 5130 (SRX 51G)	6.7	6.0	7.9	5.7	5.3	7.8	6.7
TREAZURE II (PST-4TZ)	6.8	5.8	7.6	5.7	5.0	8.7	6.6
AMBASSADOR	5.7	6.0	7.6	6.1	5.3	8.7	6.6
DP 77-9885	6.4	6.2	7.8	5.8	5.0	7.3	6.6
LONGFELLOW II	6.5	6.0	7.5	5.9	4.7	8.0	6.6
CULUMBRA II (ACF 174)	6.5	6.3	7.2	5.9	5.0	8.0	6.5
J-5 (JAMESTOWN 5)	5.7	5.8	7.8	5.8	5.0	7.8	6.4
COMPASS (ACF 188)	5.9	5.6	7.8	5.7	4.7	8.2	6.4
7 SEAS	5.8	5.7	7.3	6.0	4.0	8.0	6.3
DP 77-9886	5.6	5.7	7.1	6.0	5.0	8.5	6.2
CASCADE	5.1	5.2	7.2	5.9	6.0	7.7	6.0
LSD VALUE	1.5	1.3	1.9	0.7	1.2	1.2	0.7
C.V. (%)	15.1	13.6	15.8	7.7	15.0	9.1	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.

TABLE 15C. SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
NAME	MI1	ND1	NE1	QE1	RI1	WA3	MEAN
BMXC-S02	5.9	5.8	7.3	5.9	4.7	7.3	6.3
CARDINAL (IS-FRR 30)	5.8	5.4	7.9	5.3	4.7	7.3	6.2
DLF-RCM	6.3	5.6	7.2	5.3	5.0	7.2	6.2
FORTITUDE (TL 53)	5.7	5.8	7.3	5.4	3.7	7.3	6.1
C-SMX	5.8	5.8	6.9	5.8	5.0	7.0	6.1
CELESTIAL	5.7	5.6	7.1	5.9	4.3	7.0	6.1
EPIC (5001)	5.4	6.3	6.8	5.4	5.0	7.7	6.1
WENDY JEAN (C03-RCE)	5.8	5.6	7.3	5.2	4.7	7.5	6.1
DP 77-9579	5.7	5.8	7.0	5.8	3.7	6.8	6.0
PST-8000	5.8	5.4	7.1	5.3	4.7	7.3	6.0
DP 77-9578	5.4	5.8	7.1	5.6	4.3	6.8	6.0
GARNET (PICK CRF 1-03)	5.9	5.7	6.8	5.3	4.3	7.2	6.0
SPLENDOR (ASC 245)	5.3	5.6	7.7	5.0	4.3	7.3	6.0
DP 77-9360	5.9	5.6	6.8	5.4	3.7	7.0	6.0
RAZOR	5.8	5.5	6.8	5.7	4.0	7.0	6.0
TL1	6.0	5.3	6.9	5.3	4.0	7.0	5.9
JASPER II	5.1	5.5	6.9	5.7	4.3	7.2	5.9
C03-4676	4.3	5.5	7.9	5.3	3.7	6.7	5.8
IS-FRR 23	4.8	5.4	7.1	5.2	4.0	7.5	5.7
CLASS ONE (IS-FRR 29)	4.8	5.7	6.7	5.6	4.0	6.5	5.7
PATHFINDER	4.8	5.5	6.8	5.4	3.7	7.0	5.7
AUDUBON	4.6	5.9	6.8	5.2	4.7	6.7	5.7
ORACLE	4.9	5.0	5.8	4.9	3.3	7.0	5.3
SHADEMASTER	4.3	4.8	6.7	5.2	3.3	6.5	5.2
BOREAL	4.3	5.2	5.7	5.0	2.7	7.3	5.2
LSD VALUE	1.8	1.0	2.4	0.7	1.2	1.1	0.8
C.V. (%)	21.1	11.5	21.5	8.6	18.0	9.3	17.6

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 15D. SPRING DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	RI1	WA3	MEAN
QUATRO	6.8	6.2	8.0	6.6	7.0	8.2	7.0
SPARTAN II (PICK HF #2)	6.3	6.3	8.3	6.4	6.7	7.8	6.9
RELIANT IV (A01630REL)	6.3	6.3	7.8	6.8	6.0	7.8	6.8
FIREFLY (SPM)	6.2	5.9	8.1	6.9	5.7	7.8	6.8
BERKSHIRE	5.6	5.5	8.1	6.8	6.3	8.2	6.6
SR 3000	5.7	6.2	7.7	6.6	6.3	7.5	6.6
PREDATOR	5.9	5.9	7.5	6.8	5.3	7.2	6.5
GOTHAM (IS-FL 28)	5.4	5.8	7.8	6.4	6.0	7.7	6.5
SRX 3K	5.6	5.8	7.7	6.8	6.0	7.2	6.5
OXFORD	5.3	6.5	7.2	6.4	6.3	7.2	6.4
SCALDIS	5.5	5.7	7.6	6.6	6.0	7.0	6.3
LSD VALUE	1.8	1.7	1.8	0.7	1.0	1.2	0.8
C.V. (%)	20.4	17.4	14.6	7.0	9.8	9.8	14.9

TABLE 15E. SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	RI1	WA3	MEAN
SHORELINE (SRX 55R)	4.8	5.5	6.7	5.7	4.3	8.2	5.8
SEABREEZE	4.8	4.8	6.3	5.6	4.0	7.3	5.5
DAWSON E	4.6	5.2	6.0	5.0	3.7	7.3	5.3
LSD VALUE	1.5	1.0	2.6	0.7	2.0	0.7	0.8
C.V. (%)	20.6	12.0	26.7	7.9	31.2	6.1	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.

TABLE 16A. SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
SPARTAN II (PICK HF #2)	6.8	5.9	8.7	6.4	7.0
RELIANT IV (A01630REL)	6.0	6.2	8.4	6.6	6.9
QUATRO	5.8	6.4	8.8	6.1	6.9
ZODIAC (BUR 4601)	7.0	6.3	8.1	6.2	6.9
SR 5130 (SRX 51G)	6.8	5.8	8.6	6.1	6.8
GOTHAM (IS-FL 28)	6.3	6.2	8.2	6.2	6.8
FIREFLY (SPM)	6.2	6.2	8.1	6.2	6.7
OXFORD	6.2	6.2	8.3	6.1	6.7
BERKSHIRE	6.2	5.6	8.3	6.5	6.7
MUSICA	6.8	5.5	7.8	6.5	6.6
AMBASSADOR	6.3	5.8	8.1	6.1	6.6
TREAZURE II (PST-4TZ)	6.7	5.4	8.3	6.1	6.6
DP 77-9885	6.3	5.7	8.0	6.1	6.5
SR 3000	5.5	6.2	7.9	6.1	6.5
GARNET (PICK CRF 1-03)	6.8	5.8	7.5	6.0	6.5
SRX 3K	5.3	5.7	7.9	6.5	6.5
LACROSSE (IS-FRC 17)	6.2	5.6	7.6	6.3	6.5
J-5 (JAMESTOWN 5)	5.5	5.8	8.0	6.0	6.5
EPIC (5001)	6.7	6.1	7.1	6.0	6.4
SCALDIS	5.3	5.5	8.5	5.8	6.4
WENDY JEAN (C03-RCE)	6.7	5.3	7.8	5.9	6.4
PST-8000	7.0	5.3	7.6	5.9	6.4
PREDATOR	6.0	5.9	7.3	6.0	6.3
7 SEAS	6.2	5.8	7.0	6.1	6.3
DLF-RCM	6.5	5.4	7.7	5.8	6.3
CASCADE	5.5	5.2	8.1	5.9	6.3
LONGFELLOW II	6.8	5.6	6.8	6.2	6.3
DP 77-9579	6.5	5.4	7.4	5.8	6.2
CARDINAL (IS-FRR 30)	6.5	5.5	7.0	6.0	6.2
DP 77-9886	6.5	5.1	6.8	6.5	6.2
C-SMX	6.5	5.6	7.3	5.7	6.2
CULUMBRA II (ACF 174)	6.5	5.4	6.9	6.2	6.2
BMXC-S02	6.5	5.8	6.7	5.8	6.2
CELESTIAL	6.0	5.6	7.0	6.0	6.2
COMPASS (ACF 188)	6.7	5.3	6.6	6.3	6.2
FORTITUDE (TL 53)	6.0	5.8	6.8	5.9	6.2
SPLENDOR (ASC 245)	6.5	5.5	7.1	5.8	6.2
DP 77-9360	6.8	5.5	6.9	5.8	6.2
PATHFINDER	6.2	5.3	7.8	5.5	6.2
DP 77-9578	6.8	5.2	7.1	5.8	6.1
JASPER II	6.5	5.5	6.8	5.8	6.1
C03-4676	6.7	5.4	7.0	5.5	6.0
SHORELINE (SRX 55R)	5.5	5.4	6.9	5.9	6.0
TL1	6.3	5.3	6.8	5.5	6.0
CLASS ONE (IS-FRR 29)	6.7	5.6	6.7	5.3	6.0
RAZOR	6.2	5.3	6.1	5.8	5.8

TABLE 16A. SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
IS-FRR 23	6.2	5.2	6.3	5.7	5.8
AUDUBON	6.2	5.5	5.8	5.3	5.6
SEABREEZE	5.7	5.0	5.5	6.0	5.6
ORACLE	5.3	4.8	5.8	5.2	5.3
DAWSON E	5.0	5.0	5.8	5.3	5.3
SHADEMASTER	5.5	4.6	5.3	5.3	5.1
BOREAL	5.0	4.8	4.1	5.1	4.8
LSD VALUE	1.3	1.3	2.3	0.8	0.9
C.V. (%)	13.4	13.8	20.2	8.9	16.3

TABLE 16B. SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
ZODIAC (BUR 4601)	7.0	6.3	8.1	6.2	6.9
SR 5130 (SRX 51G)	6.8	5.8	8.6	6.1	6.8
MUSICA	6.8	5.5	7.8	6.5	6.6
AMBASSADOR	6.3	5.8	8.1	6.1	6.6
TREAZURE II (PST-4TZ)	6.7	5.4	8.3	6.1	6.6
DP 77-9885	6.3	5.7	8.0	6.1	6.5
LACROSSE (IS-FRC 17)	6.2	5.6	7.6	6.3	6.5
J-5 (JAMESTOWN 5)	5.5	5.8	8.0	6.0	6.5
7 SEAS	6.2	5.8	7.0	6.1	6.3
CASCADE	5.5	5.2	8.1	5.9	6.3
LONGFELLOW II	6.8	5.6	6.8	6.2	6.3
DP 77-9886	6.5	5.1	6.8	6.5	6.2
CULUMBRA II (ACF 174)	6.5	5.4	6.9	6.2	6.2
COMPASS (ACF 188)	6.7	5.3	6.6	6.3	6.2
LSD VALUE	1.4	1.1	2.2	0.7	0.8
C.V. (%)	14.6	12.0	17.8	7.6	14.7

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 16C. SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
GARNET (PICK CRF 1-03)	6.8	5.8	7.5	6.0	6.5
EPIC (5001)	6.7	6.1	7.1	6.0	6.4
WENDY JEAN (C03-RCE)	6.7	5.3	7.8	5.9	6.4
PST-8000	7.0	5.3	7.6	5.9	6.4
DLF-RCM	6.5	5.4	7.7	5.8	6.3
DP 77-9579	6.5	5.4	7.4	5.8	6.2
CARDINAL (IS-FRR 30)	6.5	5.5	7.0	6.0	6.2
C-SMX	6.5	5.6	7.3	5.7	6.2
BMXC-S02	6.5	5.8	6.7	5.8	6.2
CELESTIAL	6.0	5.6	7.0	6.0	6.2
FORTITUDE (TL 53)	6.0	5.8	6.8	5.9	6.2
SPLENDOR (ASC 245)	6.5	5.5	7.1	5.8	6.2
DP 77-9360	6.8	5.5	6.9	5.8	6.2
PATHFINDER	6.2	5.3	7.8	5.5	6.2
DP 77-9578	6.8	5.2	7.1	5.8	6.1
JASPER II	6.5	5.5	6.8	5.8	6.1
C03-4676	6.7	5.4	7.0	5.5	6.0
TL1	6.3	5.3	6.8	5.5	6.0
CLASS ONE (IS-FRR 29)	6.7	5.6	6.7	5.3	6.0
RAZOR	6.2	5.3	6.1	5.8	5.8
IS-FRR 23	6.2	5.2	6.3	5.7	5.8
AUDUBON	6.2	5.5	5.8	5.3	5.6
ORACLE	5.3	4.8	5.8	5.2	5.3
SHADEMASTER	5.5	4.6	5.3	5.3	5.1
BOREAL	5.0	4.8	4.1	5.1	4.8
LSD VALUE	1.1	1.2	2.7	0.9	0.9
C.V. (%)	10.9	13.5	25.6	9.5	18.6

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 16D. SUMMER DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
SPARTAN II (PICK HF #2)	6.8	5.9	8.7	6.4	7.0
RELIANT IV (A01630REL)	6.0	6.2	8.4	6.6	6.9
QUATRO	5.8	6.4	8.8	6.1	6.9
GOTHAM (IS-FL 28)	6.3	6.2	8.2	6.2	6.8
FIREFLY (SPM)	6.2	6.2	8.1	6.2	6.7
OXFORD	6.2	6.2	8.3	6.1	6.7
BERKSHIRE	6.2	5.6	8.3	6.5	6.7
SR 3000	5.5	6.2	7.9	6.1	6.5
SRX 3K	5.3	5.7	7.9	6.5	6.5
SCALDIS	5.3	5.5	8.5	5.8	6.4
PREDATOR	6.0	5.9	7.3	6.0	6.3
LSD VALUE	1.6	1.6	1.2	0.8	0.7
C.V. (%)	17.6	15.9	9.4	8.4	12.6

TABLE 16E. SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	ND1	NE1	QE1	MEAN
SHORELINE (SRX 55R)	5.5	5.4	6.9	5.9	6.0
SEABREEZE	5.7	5.0	5.5	6.0	5.6
DAWSON E	5.0	5.0	5.8	5.3	5.3
LSD VALUE	0.8	1.0	2.2	0.9	0.8
C.V. (%)	10.4	11.2	25.0	10.7	17.2

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 17A. FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
SPARTAN II (PICK HF #2)	6.5	6.3	5.6	8.3	7.3	7.7	7.1	6.9
RELIANT IV (A01630REL)	6.3	5.3	6.3	7.7	8.3	7.3	7.2	6.8
QUATRO	5.8	5.0	6.0	8.6	7.0	7.0	7.2	6.8
GOTHAM (IS-FL 28)	6.4	5.7	6.3	7.3	8.7	8.3	7.2	6.8
ZODIAC (BUR 4601)	6.8	4.7	6.3	7.8	7.3	6.7	6.3	6.7
SR 5130 (SRX 51G)	6.7	5.0	5.8	8.3	7.3	6.7	6.3	6.6
OXFORD	5.6	5.3	6.1	7.8	7.3	7.7	7.1	6.6
TREAZURE II (PST-4TZ)	7.2	4.3	5.7	7.5	8.0	6.3	6.3	6.5
FIREFLY (SPM)	6.2	3.3	5.9	7.4	7.7	7.0	7.1	6.5
LONGFELLOW II	6.6	5.0	5.8	7.8	7.3	6.3	6.2	6.4
BERKSHIRE	6.0	5.7	5.6	7.6	6.3	6.7	7.1	6.4
DLF-RCM	6.8	5.0	5.6	8.5	4.3	4.0	6.3	6.4
GARNET (PICK CRF 1-03)	6.9	5.0	5.8	7.6	6.0	6.0	6.0	6.4
C-SMX	6.8	6.0	5.7	7.8	6.0	5.0	6.0	6.4
MUSICA	5.9	5.3	5.8	7.7	8.3	6.0	6.4	6.4
PREDATOR	5.9	5.0	6.2	6.8	7.3	7.0	6.8	6.4
LACROSSE (IS-FRC 17)	6.7	4.7	5.8	7.3	5.7	5.7	6.5	6.3
DP 77-9885	6.3	4.0	5.8	7.7	6.3	5.3	6.5	6.3
PST-8000	6.8	5.3	5.7	7.3	5.3	5.3	6.3	6.3
AMBASSADOR	6.5	3.7	5.8	7.4	6.3	6.0	6.3	6.3
FORTITUDE (TL 53)	6.6	5.0	5.9	7.1	6.0	5.3	6.3	6.3
CARDINAL (IS-FRR 30)	6.5	5.3	5.6	7.4	5.3	5.3	6.2	6.3
EPIC (5001)	6.8	5.7	5.9	6.8	5.7	5.0	6.3	6.2
WENDY JEAN (C03-RCE)	6.4	5.0	5.6	7.8	5.0	4.7	6.1	6.2
SR 3000	5.3	4.7	5.8	7.5	5.0	5.7	6.8	6.1
PATHFINDER	6.5	4.3	5.3	8.2	3.7	4.7	5.8	6.1
SHORELINE (SRX 55R)	5.6	6.7	5.8	7.4	5.0	7.3	5.8	6.1
CLASS ONE (IS-FRR 29)	6.6	4.3	6.0	7.6	3.7	4.3	5.8	6.1
C03-4676	5.9	6.0	6.1	7.8	5.7	3.0	5.7	6.1
DP 77-9886	5.7	6.7	5.5	6.8	6.7	5.0	6.7	6.1
SPLENDOR (ASC 245)	6.2	3.7	5.8	7.7	5.3	5.3	5.9	6.1
COMPASS (ACF 188)	6.2	3.7	5.7	6.8	7.7	5.7	6.3	6.1
J-5 (JAMESTOWN 5)	5.7	4.3	5.6	7.8	5.3	4.7	6.2	6.1
DP 77-9360	6.8	3.7	5.5	6.8	5.7	5.7	6.1	6.1
DP 77-9579	6.2	3.7	5.6	7.5	6.0	4.7	5.8	6.0
SRX 3K	5.3	4.3	5.6	6.8	5.7	6.3	7.1	6.0
7 SEAS	6.0	3.7	5.8	6.9	6.3	5.3	6.3	6.0
SCALDIS	4.8	4.0	5.3	8.0	5.3	4.3	6.8	6.0
TL1	6.4	5.0	5.4	6.8	4.7	4.3	6.0	5.9
CULUMBRA II (ACF 174)	6.0	4.0	5.6	6.3	6.3	5.7	6.3	5.9
IS-FRR 23	5.9	5.0	5.8	6.9	3.7	5.7	6.0	5.9
DP 77-9578	6.7	4.3	5.2	6.8	5.3	4.7	6.1	5.9
CASCADE	5.7	4.3	5.0	7.4	5.0	4.7	6.3	5.8
BMXC-S02	6.3	3.0	5.7	6.6	5.3	4.3	6.0	5.8
CELESTIAL	5.9	4.0	5.6	7.2	5.3	4.0	5.9	5.8
JASPER II	5.7	5.3	6.3	6.3	5.7	3.3	5.8	5.8

TABLE 17A. FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
RAZOR	5.8	5.0	5.6	6.3	5.7	4.3	6.1	5.7
AUDUBON	5.3	4.3	5.9	7.1	3.7	3.3	5.6	5.6
SEABREEZE	5.5	5.3	5.0	5.7	6.3	6.0	5.8	5.5
DAWSON E	4.9	5.3	5.3	5.8	5.0	5.0	5.3	5.2
SHADEMASTER	4.8	4.0	5.3	6.4	3.7	3.3	5.3	5.1
ORACLE	5.3	4.0	5.3	5.9	3.7	3.0	5.3	5.1
BOREAL	4.8	3.0	5.3	4.9	3.3	2.3	4.9	4.6
LSD VALUE	1.2	1.6	1.3	2.2	2.0	1.6	0.7	0.7
C.V. (%)	12.6	21.3	14.9	20.5	21.4	18.8	7.3	16.4

TABLE 17B. FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
ZODIAC (BUR 4601)	6.8	4.7	6.3	7.8	7.3	6.7	6.3	6.7
SR 5130 (SRX 51G)	6.7	5.0	5.8	8.3	7.3	6.7	6.3	6.6
TREAZURE II (PST-4TZ)	7.2	4.3	5.7	7.5	8.0	6.3	6.3	6.5
LONGFELLOW II	6.6	5.0	5.8	7.8	7.3	6.3	6.2	6.4
MUSICA	5.9	5.3	5.8	7.7	8.3	6.0	6.4	6.4
LACROSSE (IS-FRC 17)	6.7	4.7	5.8	7.3	5.7	5.7	6.5	6.3
DP 77-9885	6.3	4.0	5.8	7.7	6.3	5.3	6.5	6.3
AMBASSADOR	6.5	3.7	5.8	7.4	6.3	6.0	6.3	6.3
DP 77-9886	5.7	6.7	5.5	6.8	6.7	5.0	6.7	6.1
COMPASS (ACF 188)	6.2	3.7	5.7	6.8	7.7	5.7	6.3	6.1
J-5 (JAMESTOWN 5)	5.7	4.3	5.6	7.8	5.3	4.7	6.2	6.1
7 SEAS	6.0	3.7	5.8	6.9	6.3	5.3	6.3	6.0
CULUMBRA II (ACF 174)	6.0	4.0	5.6	6.3	6.3	5.7	6.3	5.9
CASCADE	5.7	4.3	5.0	7.4	5.0	4.7	6.3	5.8
LSD VALUE	1.3	1.2	1.2	2.0	1.9	1.3	0.7	0.7
C.V. (%)	13.8	16.0	13.5	19.0	17.8	14.3	7.1	15.1

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 17C. FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
DLF-RCM	6.8	5.0	5.6	8.5	4.3	4.0	6.3	6.4
GARNET (PICK CRF 1-03)	6.9	5.0	5.8	7.6	6.0	6.0	6.0	6.4
C-SMX	6.8	6.0	5.7	7.8	6.0	5.0	6.0	6.4
PST-8000	6.8	5.3	5.7	7.3	5.3	5.3	6.3	6.3
FORTITUDE (TL 53)	6.6	5.0	5.9	7.1	6.0	5.3	6.3	6.3
CARDINAL (IS-FRR 30)	6.5	5.3	5.6	7.4	5.3	5.3	6.2	6.3
EPIC (5001)	6.8	5.7	5.9	6.8	5.7	5.0	6.3	6.2
WENDY JEAN (C03-RCE)	6.4	5.0	5.6	7.8	5.0	4.7	6.1	6.2
PATHFINDER	6.5	4.3	5.3	8.2	3.7	4.7	5.8	6.1
CLASS ONE (IS-FRR 29)	6.6	4.3	6.0	7.6	3.7	4.3	5.8	6.1
C03-4676	5.9	6.0	6.1	7.8	5.7	3.0	5.7	6.1
SPLENDOR (ASC 245)	6.2	3.7	5.8	7.7	5.3	5.3	5.9	6.1
DP 77-9360	6.8	3.7	5.5	6.8	5.7	5.7	6.1	6.1
DP 77-9579	6.2	3.7	5.6	7.5	6.0	4.7	5.8	6.0
TL1	6.4	5.0	5.4	6.8	4.7	4.3	6.0	5.9
IS-FRR 23	5.9	5.0	5.8	6.9	3.7	5.7	6.0	5.9
DP 77-9578	6.7	4.3	5.2	6.8	5.3	4.7	6.1	5.9
BMXC-S02	6.3	3.0	5.7	6.6	5.3	4.3	6.0	5.8
CELESTIAL	5.9	4.0	5.6	7.2	5.3	4.0	5.9	5.8
JASPER II	5.7	5.3	6.3	6.3	5.7	3.3	5.8	5.8
RAZOR	5.8	5.0	5.6	6.3	5.7	4.3	6.1	5.7
AUDUBON	5.3	4.3	5.9	7.1	3.7	3.3	5.6	5.6
SHADEMASTER	4.8	4.0	5.3	6.4	3.7	3.3	5.3	5.1
ORACLE	5.3	4.0	5.3	5.9	3.7	3.0	5.3	5.1
BOREAL	4.8	3.0	5.3	4.9	3.3	2.3	4.9	4.6
LSD VALUE	1.1	1.7	1.3	2.3	2.1	1.9	0.7	0.8
C.V. (%)	11.7	22.9	15.2	22.3	26.1	26.1	7.7	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.

TABLE 17D. FALL DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
SPARTAN II (PICK HF #2)	6.5	6.3	5.6	8.3	7.3	7.7	7.1	6.9
RELIANT IV (A01630REL)	6.3	5.3	6.3	7.7	8.3	7.3	7.2	6.8
QUATRO	5.8	5.0	6.0	8.6	7.0	7.0	7.2	6.8
GOTHAM (IS-FL 28)	6.4	5.7	6.3	7.3	8.7	8.3	7.2	6.8
OXFORD	5.6	5.3	6.1	7.8	7.3	7.7	7.1	6.6
FIREFLY (SPM)	6.2	3.3	5.9	7.4	7.7	7.0	7.1	6.5
BERKSHIRE	6.0	5.7	5.6	7.6	6.3	6.7	7.1	6.4
PREDATOR	5.9	5.0	6.2	6.8	7.3	7.0	6.8	6.4
SR 3000	5.3	4.7	5.8	7.5	5.0	5.7	6.8	6.1
SRX 3K	5.3	4.3	5.6	6.8	5.7	6.3	7.1	6.0
SCALDIS	4.8	4.0	5.3	8.0	5.3	4.3	6.8	6.0
LSD VALUE	1.1	1.7	1.4	1.9	1.8	1.4	0.7	0.7
C.V. (%)	12.4	21.6	15.6	15.7	16.3	13.0	6.5	14.4

TABLE 17E. FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

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

NAME	MI1	MN1	ND1	NE1	NJ1	NJ2	QE1	MEAN
SHORELINE (SRX 55R)	5.6	6.7	5.8	7.4	5.0	7.3	5.8	6.1
SEABREEZE	5.5	5.3	5.0	5.7	6.3	6.0	5.8	5.5
DAWSON E	4.9	5.3	5.3	5.8	5.0	5.0	5.3	5.2
LSD VALUE	0.6	2.3	1.2	3.0	2.5	1.4	0.7	0.9
C.V. (%)	8.2	24.5	14.1	32.0	28.7	14.4	8.4	21.6

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 18A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
RELIANT IV (A01630REL)	63.3	87.1	71.7	92.0	88.3	95.9	82.3	85.2	36.7	88.0
SPARTAN II (PICK HF #2)	53.3	84.8	71.7	90.6	90.8	96.8	84.0	88.0	20.0	87.3
ZODIAC (BUR 4601)	73.3	83.5	83.3	92.4	81.7	90.9	78.3	84.2	36.7	86.8
OXFORD	50.0	87.1	61.7	91.4	81.7	96.3	74.0	83.7	40.0	86.6
DP 77-9886	70.0	87.3	78.3	91.8	79.2	90.3	75.0	82.7	26.7	86.1
TREASURE II (PST-4TZ)	66.7	87.6	60.0	90.2	75.0	93.4	81.7	84.2	20.0	85.6
GOTHAM (IS-FL 28)	46.7	83.3	70.0	87.4	88.3	96.8	83.3	77.0	43.3	85.1
PREDATOR	60.0	81.3	51.7	91.7	89.2	95.9	66.7	75.8	30.0	84.3
FIREFLY (SPM)	50.0	83.1	50.0	90.9	85.8	94.7	78.3	73.8	30.0	84.3
LACROSSE (IS-FRC 17)	63.3	87.7	65.0	94.5	62.5	92.7	68.3	79.3	26.7	83.8
J-5 (JAMESTOWN 5)	66.7	86.2	65.0	92.8	64.2	93.3	66.7	79.8	26.7	83.7
CASCADE	81.7	83.3	58.3	90.8	78.3	92.7	58.3	81.0	26.7	83.6
BERKSHIRE	56.7	79.7	63.3	86.9	87.5	95.1	65.7	78.8	36.7	83.4
LONGFELLOW II	66.7	83.8	71.7	93.3	74.2	93.2	69.0	72.6	23.3	83.2
SR 3000	53.3	85.0	46.7	87.8	84.8	95.9	60.0	77.0	20.0	82.9
QUATRO	60.0	84.5	66.7	88.5	72.5	95.5	68.3	74.4	23.3	82.5
MUSICA	70.0	80.8	78.3	92.8	55.0	95.9	77.7	79.2	16.7	82.4
AMBASSADOR	66.7	81.8	70.0	90.8	67.5	91.0	65.0	79.8	16.7	82.2
SRX 3K	46.7	86.0	71.7	87.3	83.3	93.8	45.0	74.3	23.3	82.1
CULUMBRA II (ACF 174)	71.7	84.1	65.0	90.8	49.2	93.8	70.0	79.2	26.7	82.0
DP 77-9885	61.7	82.4	61.7	90.8	46.7	93.1	68.3	81.6	26.7	82.0
EPIC (5001)	63.3	79.6	65.0	87.6	67.5	92.6	65.0	82.3	33.3	81.8
SR 5130 (SRX 51G)	61.7	73.9	65.0	88.5	79.2	90.2	85.7	85.2	13.3	81.7
CARDINAL (IS-FRR 30)	50.0	77.8	50.0	91.0	80.0	92.2	66.7	77.7	23.3	81.3
7 SEAS	70.0	83.1	51.7	91.0	51.7	92.7	76.7	75.3	16.7	81.3
C-SMX	56.7	77.8	63.3	88.5	79.2	94.7	70.0	71.6	16.7	81.0
WENDY JEAN (C03-RCE)	60.0	77.5	61.7	90.9	68.3	94.3	70.0	72.7	30.0	80.9
COMPASS (ACF 188)	58.3	86.5	56.7	91.0	50.0	87.3	76.7	75.9	10.0	80.6
SCALDIS	43.3	84.3	61.7	86.9	87.3	92.2	48.3	66.4	33.3	80.6
CELESTIAL	61.7	76.4	65.0	89.8	80.0	94.7	55.0	72.7	20.0	80.3
PATHFINDER	60.0	74.8	50.0	90.9	80.8	94.3	66.7	66.0	16.7	79.4
GARNET (PICK CRF 1-03)	60.0	72.9	70.0	90.1	59.2	93.4	63.3	74.9	26.7	79.3
IS-FRR 23	63.3	71.6	66.7	89.8	75.8	93.9	48.3	76.1	23.3	79.2
PST-8000	63.3	74.8	46.7	88.7	75.8	94.7	65.0	66.6	23.3	79.1
TL1	53.3	75.0	50.0	91.4	78.3	93.4	56.7	70.0	16.7	78.8
DP 77-9579	53.3	77.2	68.3	89.1	63.3	92.6	61.7	68.2	20.0	78.7
RAZOR	70.0	67.3	56.7	91.2	74.2	95.9	61.7	68.9	40.0	78.7
DLF-RCM	56.7	68.7	61.7	93.1	70.0	95.5	63.3	71.1	30.0	78.3
DP 77-9360	56.7	73.9	56.7	92.3	70.8	91.3	66.7	64.3	26.7	78.3
JASPER II	65.0	65.8	65.0	91.3	81.7	96.8	63.3	70.4	26.7	78.0
DP 77-9578	61.7	72.8	56.7	90.3	65.0	93.8	56.7	63.9	30.0	77.6
CLASS ONE (IS-FRR 29)	66.7	75.3	65.0	88.9	55.0	92.2	58.3	65.6	20.0	77.6
SHORELINE (SRX 55R)	53.3	76.5	68.3	89.3	82.5	89.8	63.3	51.7	16.7	76.8
FORTITUDE (TL 53)	60.0	62.8	46.7	88.0	58.3	93.8	71.7	68.8	33.3	76.2
AUDUBON	51.7	74.2	60.0	88.3	73.3	94.7	50.0	52.1	23.3	76.1
C03-4676	43.3	70.4	53.3	88.3	70.0	93.4	63.3	53.9	26.7	75.1
BMXC-S02	60.0	69.5	46.7	89.6	64.2	95.1	66.7	48.2	43.3	75.0

TABLE 18A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
ORACLE	75.0	70.7	80.0	90.5	74.2	95.0	46.7	43.3	30.0	74.4
BOREAL	73.3	71.8	83.3	89.6	69.2	92.8	38.3	39.4	40.0	73.1
SHADEMASTER	56.7	63.0	55.0	89.3	60.8	94.7	48.3	45.4	30.0	71.3
SPLENDOR (ASC 245)	61.7	62.7	46.7	89.7	50.8	92.2	40.0	56.1	13.3	70.0
SEABREEZE	60.0	55.8	50.0	89.3	59.2	94.8	56.7	48.9	20.0	69.7
DAWSON E	61.7	65.4	50.0	89.1	53.3	91.2	48.3	38.9	26.7	69.6
LSD VALUE	15.8	16.8	18.9	6.5	32.9	6.2	14.8	21.6	20.1	7.4
C.V. (%)	16.2	14.1	19.0	5.1	28.7	4.5	14.2	18.3	48.1	13.4

TABLE 18B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
ZODIAC (BUR 4601)	73.3	83.5	83.3	92.4	81.7	90.9	78.3	84.2	36.7	86.8
DP 77-9886	70.0	87.3	78.3	91.8	79.2	90.3	75.0	82.7	26.7	86.1
TREAZURE II (PST-4TZ)	66.7	87.6	60.0	90.2	75.0	93.4	81.7	84.2	20.0	85.6
LACROSSE (IS-FRC 17)	63.3	87.7	65.0	94.5	62.5	92.7	68.3	79.3	26.7	83.8
J-5 (JAMESTOWN 5)	66.7	86.2	65.0	92.8	64.2	93.3	66.7	79.8	26.7	83.7
CASCADE	81.7	83.3	58.3	90.8	78.3	92.7	58.3	81.0	26.7	83.6
LONGFELLOW II	66.7	83.8	71.7	93.3	74.2	93.2	69.0	72.6	23.3	83.2
MUSICA	70.0	80.8	78.3	92.8	55.0	95.9	77.7	79.2	16.7	82.4
AMBASSADOR	66.7	81.8	70.0	90.8	67.5	91.0	65.0	79.8	16.7	82.2
CULUMBRA II (ACF 174)	71.7	84.1	65.0	90.8	49.2	93.8	70.0	79.2	26.7	82.0
DP 77-9885	61.7	82.4	61.7	90.8	46.7	93.1	68.3	81.6	26.7	82.0
SR 5130 (SRX 51G)	61.7	73.9	65.0	88.5	79.2	90.2	85.7	85.2	13.3	81.7
7 SEAS	70.0	83.1	51.7	91.0	51.7	92.7	76.7	75.3	16.7	81.3
COMPASS (ACF 188)	58.3	86.5	56.7	91.0	50.0	87.3	76.7	75.9	10.0	80.6
LSD VALUE	14.8	14.7	20.7	4.4	40.7	7.3	17.0	18.6	19.7	7.2
C.V. (%)	13.6	11.4	19.4	3.5	39.0	5.3	14.6	14.1	54.7	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 18C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
EPIC (5001)	63.3	79.6	65.0	87.6	67.5	92.6	65.0	82.3	33.3	81.8
CARDINAL (IS-FRR 30)	50.0	77.8	50.0	91.0	80.0	92.2	66.7	77.7	23.3	81.3
C-SMX	56.7	77.8	63.3	88.5	79.2	94.7	70.0	71.6	16.7	81.0
WENDY JEAN (C03-RCE)	60.0	77.5	61.7	90.9	68.3	94.3	70.0	72.7	30.0	80.9
CELESTIAL	61.7	76.4	65.0	89.8	80.0	94.7	55.0	72.7	20.0	80.3
PATHFINDER	60.0	74.8	50.0	90.9	80.8	94.3	66.7	66.0	16.7	79.4
GARNET (PICK CRF 1-03)	60.0	72.9	70.0	90.1	59.2	93.4	63.3	74.9	26.7	79.3
IS-FRR 23	63.3	71.6	66.7	89.8	75.8	93.9	48.3	76.1	23.3	79.2
PST-8000	63.3	74.8	46.7	88.7	75.8	94.7	65.0	66.6	23.3	79.1
TL1	53.3	75.0	50.0	91.4	78.3	93.4	56.7	70.0	16.7	78.8
DP 77-9579	53.3	77.2	68.3	89.1	63.3	92.6	61.7	68.2	20.0	78.7
RAZOR	70.0	67.3	56.7	91.2	74.2	95.9	61.7	68.9	40.0	78.7
DLF-RCM	56.7	68.7	61.7	93.1	70.0	95.5	63.3	71.1	30.0	78.3
DP 77-9360	56.7	73.9	56.7	92.3	70.8	91.3	66.7	64.3	26.7	78.3
JASPER II	65.0	65.8	65.0	91.3	81.7	96.8	63.3	70.4	26.7	78.0
DP 77-9578	61.7	72.8	56.7	90.3	65.0	93.8	56.7	63.9	30.0	77.6
CLASS ONE (IS-FRR 29)	66.7	75.3	65.0	88.9	55.0	92.2	58.3	65.6	20.0	77.6
FORTITUDE (TL 53)	60.0	62.8	46.7	88.0	58.3	93.8	71.7	68.8	33.3	76.2
AUDUBON	51.7	74.2	60.0	88.3	73.3	94.7	50.0	52.1	23.3	76.1
C03-4676	43.3	70.4	53.3	88.3	70.0	93.4	63.3	53.9	26.7	75.1
BMXC-S02	60.0	69.5	46.7	89.6	64.2	95.1	66.7	48.2	43.3	75.0
ORACLE	75.0	70.7	80.0	90.5	74.2	95.0	46.7	43.3	30.0	74.4
BOREAL	73.3	71.8	83.3	89.6	69.2	92.8	38.3	39.4	40.0	73.1
SHADEMASTER	56.7	63.0	55.0	89.3	60.8	94.7	48.3	45.4	30.0	71.3
SPLENDOR (ASC 245)	61.7	62.7	46.7	89.7	50.8	92.2	40.0	56.1	13.3	70.0
LSD VALUE	15.5	17.7	17.1	6.6	32.5	5.6	14.1	24.9	17.6	7.8
C.V. (%)	16.0	16.2	17.9	5.2	29.5	4.2	14.8	23.1	41.3	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 18D. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
RELIANT IV (A01630REL)	63.3	87.1	71.7	92.0	88.3	95.9	82.3	85.2	36.7	88.0
SPARTAN II (PICK HF #2)	53.3	84.8	71.7	90.6	90.8	96.8	84.0	88.0	20.0	87.3
OXFORD	50.0	87.1	61.7	91.4	81.7	96.3	74.0	83.7	40.0	86.6
GOTHAM (IS-FL 28)	46.7	83.3	70.0	87.4	88.3	96.8	83.3	77.0	43.3	85.1
PREDATOR	60.0	81.3	51.7	91.7	89.2	95.9	66.7	75.8	30.0	84.3
FIREFLY (SPM)	50.0	83.1	50.0	90.9	85.8	94.7	78.3	73.8	30.0	84.3
BERKSHIRE	56.7	79.7	63.3	86.9	87.5	95.1	65.7	78.8	36.7	83.4
SR 3000	53.3	85.0	46.7	87.8	84.8	95.9	60.0	77.0	20.0	82.9
QUATRO	60.0	84.5	66.7	88.5	72.5	95.5	68.3	74.4	23.3	82.5
SRX 3K	46.7	86.0	71.7	87.3	83.3	93.8	45.0	74.3	23.3	82.1
SCALDIS	43.3	84.3	61.7	86.9	87.3	92.2	48.3	66.4	33.3	80.6
LSD VALUE	17.0	12.0	19.2	8.0	16.4	4.5	13.1	14.1	25.7	5.0
C.V. (%)	20.0	9.2	19.2	6.2	11.9	3.2	11.8	11.0	52.1	9.2

TABLE 18E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
NAME	IL1	IL2	ME1	MI1	MN1	ND1	NJ1	RI1	UT1	MEAN
SHORELINE (SRX 55R)	53.3	76.5	68.3	89.3	82.5	89.8	63.3	51.7	16.7	76.8
SEABREEZE	60.0	55.8	50.0	89.3	59.2	94.8	56.7	48.9	20.0	69.7
DAWSON E	61.7	65.4	50.0	89.1	53.3	91.2	48.3	38.9	26.7	69.6
LSD VALUE	18.4	25.7	21.9	5.5	37.7	6.4	14.7	25.8	17.8	10.1
C.V. (%)	19.6	28.3	24.3	4.6	36.3	4.6	16.3	34.4	52.4	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.

TABLE 19A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
ZODIAC (BUR 4601)	95.8	86.7	97.8	98.8	87.3	81.5	94.9
RELIANT IV (A01630REL)	97.6	90.0	94.7	98.7	86.7	80.3	94.7
TREAZURE II (PST-4TZ)	97.0	73.3	98.5	96.4	87.3	82.8	94.6
AMBASSADOR	94.6	78.3	97.5	97.8	86.7	86.2	94.4
SPARTAN II (PICK HF #2)	94.3	80.0	97.5	97.3	91.3	86.2	94.4
DP 77-9886	95.6	78.3	96.7	97.4	80.0	82.8	94.0
LACROSSE (IS-FRC 17)	95.6	81.7	97.0	95.4	83.3	82.2	93.6
LONGFELLOW II	95.4	78.3	98.2	96.3	89.0	78.0	93.6
OXFORD	97.0	70.0	95.2	97.7	81.0	82.8	93.6
GOTHAM (IS-FL 28)	92.6	81.7	96.2	97.9	87.7	79.5	93.2
SRX 3K	97.0	80.0	93.3	98.6	80.7	77.2	93.1
FIREFLY (SPM)	95.2	58.3	96.5	97.1	89.0	74.5	92.5
COMPASS (ACF 188)	97.7	63.3	98.0	93.4	80.3	77.2	92.3
EPIC (5001)	91.4	70.0	97.5	98.0	82.3	81.3	92.3
7 SEAS	96.6	56.7	97.8	96.1	81.7	71.2	91.9
WENDY JEAN (C03-RCE)	92.8	68.3	96.7	96.7	82.7	78.2	91.8
DP 77-9885	89.3	66.7	97.2	96.9	82.7	77.8	91.7
MUSICA	86.7	83.3	96.2	98.9	86.0	77.2	91.7
J-5 (JAMESTOWN 5)	95.8	70.0	95.5	97.2	79.0	75.5	91.7
SR 3000	96.3	60.0	93.8	98.8	75.0	74.7	91.4
CARDINAL (IS-FRR 30)	92.6	60.0	98.2	97.8	77.7	75.8	91.2
GARNET (PICK CRF 1-03)	86.0	78.3	97.7	96.7	80.0	79.5	91.1
QUATRO	97.1	80.0	86.3	98.4	79.3	74.0	91.0
SR 5130 (SRX 51G)	84.0	70.0	97.5	97.3	90.0	81.2	90.7
BERKSHIRE	82.3	78.3	95.3	98.7	86.7	76.2	90.7
CULUMBRA II (ACF 174)	95.3	75.0	97.8	97.4	78.3	66.5	90.0
PREDATOR	86.8	61.7	93.5	97.7	84.0	74.5	89.8
SCALDIS	94.7	73.3	87.0	98.3	63.3	74.7	89.8
CASCADE	87.4	78.3	96.2	94.6	69.0	80.5	89.7
C-SMX	87.1	70.0	96.8	98.0	76.3	71.7	88.3
PST-8000	84.7	55.0	96.8	98.2	78.0	70.8	88.1
DLF-RCM	78.0	63.3	96.3	98.1	85.7	82.5	87.5
JASPER II	76.4	70.0	97.2	98.8	76.7	81.5	87.4
CLASS ONE (IS-FRR 29)	86.6	70.0	98.0	98.0	70.0	67.5	87.4
PATHFINDER	86.8	53.3	97.5	97.4	63.3	70.0	87.2
DP 77-9579	85.8	71.7	97.0	96.9	72.7	65.0	87.1
IS-FRR 23	82.4	75.0	97.5	97.1	76.7	70.7	86.7
TL1	84.1	53.3	95.8	96.3	70.0	72.5	86.6
DP 77-9360	79.8	56.7	97.3	97.1	74.0	71.7	86.5
DP 77-9578	77.3	66.7	97.3	97.0	74.3	70.0	85.8
BMXC-S02	87.6	55.0	96.8	96.6	67.7	62.5	85.8
SHORELINE (SRX 55R)	90.6	70.0	96.0	96.8	84.3	55.0	85.7
CELESTIAL	88.4	70.0	96.8	97.7	80.7	57.5	85.5
AUDUBON	89.1	65.0	96.7	98.1	61.7	58.3	84.8
FORTITUDE (TL 53)	75.7	48.3	97.5	97.1	82.7	67.5	84.8
SPLENDOR (ASC 245)	74.2	55.0	97.2	97.1	72.0	66.5	82.8
C03-4676	78.1	56.7	97.2	97.2	73.3	55.8	81.6

TABLE 19A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
RAZOR	76.1	65.0	96.2	98.2	69.3	54.2	80.4
DAWSON E	78.2	60.0	95.5	94.2	72.7	39.2	78.1
ORACLE	70.7	85.0	96.3	97.0	48.3	50.0	77.7
BOREAL	75.4	90.0	95.3	94.3	51.7	44.2	77.5
SEABREEZE	63.7	60.0	97.2	95.4	64.3	59.2	77.5
SHADEMASTER	65.0	63.3	96.7	98.2	43.3	50.8	76.0
LSD VALUE	23.0	19.1	5.5	3.3	9.1	15.0	8.8
C.V. (%)	16.6	17.1	3.6	2.1	7.4	13.2	10.3

TABLE 19B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
ZODIAC (BUR 4601)	95.8	86.7	97.8	98.8	87.3	81.5	94.9
TREAZURE II (PST-4TZ)	97.0	73.3	98.5	96.4	87.3	82.8	94.6
AMBASSADOR	94.6	78.3	97.5	97.8	86.7	86.2	94.4
DP 77-9886	95.6	78.3	96.7	97.4	80.0	82.8	94.0
LACROSSE (IS-FRC 17)	95.6	81.7	97.0	95.4	83.3	82.2	93.6
LONGFELLOW II	95.4	78.3	98.2	96.3	89.0	78.0	93.6
COMPASS (ACF 188)	97.7	63.3	98.0	93.4	80.3	77.2	92.3
7 SEAS	96.6	56.7	97.8	96.1	81.7	71.2	91.9
DP 77-9885	89.3	66.7	97.2	96.9	82.7	77.8	91.7
MUSICA	86.7	83.3	96.2	98.9	86.0	77.2	91.7
J-5 (JAMESTOWN 5)	95.8	70.0	95.5	97.2	79.0	75.5	91.7
SR 5130 (SRX 51G)	84.0	70.0	97.5	97.3	90.0	81.2	90.7
CULUMBRA II (ACF 174)	95.3	75.0	97.8	97.4	78.3	66.5	90.0
CASCADE	87.4	78.3	96.2	94.6	69.0	80.5	89.7
LSD VALUE	15.2	18.4	2.4	4.2	8.1	13.9	6.2
C.V. (%)	10.2	15.4	1.6	2.7	6.0	11.3	7.2

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 19C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
EPIC (5001)	91.4	70.0	97.5	98.0	82.3	81.3	92.3
WENDY JEAN (C03-RCE)	92.8	68.3	96.7	96.7	82.7	78.2	91.8
CARDINAL (IS-FRR 30)	92.6	60.0	98.2	97.8	77.7	75.8	91.2
GARNET (PICK CRF 1-03)	86.0	78.3	97.7	96.7	80.0	79.5	91.1
C-SMX	87.1	70.0	96.8	98.0	76.3	71.7	88.3
PST-8000	84.7	55.0	96.8	98.2	78.0	70.8	88.1
DLF-RCM	78.0	63.3	96.3	98.1	85.7	82.5	87.5
JASPER II	76.4	70.0	97.2	98.8	76.7	81.5	87.4
CLASS ONE (IS-FRR 29)	86.6	70.0	98.0	98.0	70.0	67.5	87.4
PATHFINDER	86.8	53.3	97.5	97.4	63.3	70.0	87.2
DP 77-9579	85.8	71.7	97.0	96.9	72.7	65.0	87.1
IS-FRR 23	82.4	75.0	97.5	97.1	76.7	70.7	86.7
TL1	84.1	53.3	95.8	96.3	70.0	72.5	86.6
DP 77-9360	79.8	56.7	97.3	97.1	74.0	71.7	86.5
DP 77-9578	77.3	66.7	97.3	97.0	74.3	70.0	85.8
BMXC-S02	87.6	55.0	96.8	96.6	67.7	62.5	85.8
CELESTIAL	88.4	70.0	96.8	97.7	80.7	57.5	85.5
AUDUBON	89.1	65.0	96.7	98.1	61.7	58.3	84.8
FORTITUDE (TL 53)	75.7	48.3	97.5	97.1	82.7	67.5	84.8
SPLENDOR (ASC 245)	74.2	55.0	97.2	97.1	72.0	66.5	82.8
C03-4676	78.1	56.7	97.2	97.2	73.3	55.8	81.6
RAZOR	76.1	65.0	96.2	98.2	69.3	54.2	80.4
ORACLE	70.7	85.0	96.3	97.0	48.3	50.0	77.7
BOREAL	75.4	90.0	95.3	94.3	51.7	44.2	77.5
SHADEMASTER	65.0	63.3	96.7	98.2	43.3	50.8	76.0
LSD VALUE	26.4	19.1	2.6	2.9	9.9	16.4	10.4
C.V. (%)	20.8	18.1	1.7	1.9	8.6	15.0	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 19D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD AND SHEEP FESCUE FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
RELIANT IV (A01630REL)	97.6	90.0	94.7	98.7	86.7	80.3	94.7
SPARTAN II (PICK HF #2)	94.3	80.0	97.5	97.3	91.3	86.2	94.4
OXFORD	97.0	70.0	95.2	97.7	81.0	82.8	93.6
GOTHAM (IS-FL 28)	92.6	81.7	96.2	97.9	87.7	79.5	93.2
SRX 3K	97.0	80.0	93.3	98.6	80.7	77.2	93.1
FIREFLY (SPM)	95.2	58.3	96.5	97.1	89.0	74.5	92.5
SR 3000	96.3	60.0	93.8	98.8	75.0	74.7	91.4
QUATRO	97.1	80.0	86.3	98.4	79.3	74.0	91.0
BERKSHIRE	82.3	78.3	95.3	98.7	86.7	76.2	90.7
PREDATOR	86.8	61.7	93.5	97.7	84.0	74.5	89.8
SCALDIS	94.7	73.3	87.0	98.3	63.3	74.7	89.8
LSD VALUE	16.7	19.3	10.7	2.1	8.9	9.8	5.7
C.V. (%)	11.3	16.3	7.1	1.3	6.7	9.4	7.1

TABLE 19E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	ME1	MI1	ND1	NJ1	RI1	MEAN
SHORELINE (SRX 55R)	90.6	70.0	96.0	96.8	84.3	55.0	85.7
DAWSON E	78.2	60.0	95.5	94.2	72.7	39.2	78.1
SEABREEZE	63.7	60.0	97.2	95.4	64.3	59.2	77.5
LSD VALUE	26.0	21.8	3.1	5.0	7.7	18.1	11.3
C.V. (%)	22.5	21.4	2.0	3.2	6.5	21.8	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 20A.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
ZODIAC (BUR 4601)	94.3	87.3	91.9	92.0	80.2	98.0	94.6	87.5	98.1	84.8	94.8	99.0	86.3	94.8	62.3	85.3	85.0	89.8
DP 77-9885	94.9	86.2	91.6	87.0	73.6	94.3	94.3	71.7	97.6	75.6	91.8	99.0	94.1	93.9	61.5	86.2	73.3	87.7
OXFORD	96.2	81.7	90.4	86.0	73.7	98.3	91.3	82.5	98.7	63.3	95.7	91.4	87.8	93.9	71.5	95.3	80.0	87.3
RELIANT IV (A01630REL)	96.3	81.7	94.4	88.7	79.8	97.8	92.0	81.7	98.8	41.7	95.9	91.0	90.3	94.5	65.7	97.5	78.3	86.9
GOTHAM (IS-FL 28)	95.4	77.1	84.8	88.7	68.0	98.3	94.5	90.0	98.2	57.2	97.1	92.0	93.7	95.7	71.5	92.7	80.0	86.7
TREASURE II (PST-4TZ)	95.4	86.7	86.9	87.0	89.0	95.0	93.1	88.3	98.2	47.2	91.2	98.3	92.0	95.9	42.5	79.5	83.3	86.7
CARDINAL (IS-FRR 30)	95.6	82.5	75.9	90.0	76.3	99.0	93.3	81.7	96.7	77.3	87.4	98.7	86.6	91.5	55.8	99.0	73.3	86.4
SPARTAN II (PICK HF #2)	96.0	83.3	93.0	88.7	77.3	97.5	94.9	91.7	95.8	54.4	95.6	96.8	81.7	95.0	43.3	90.3	73.3	86.3
EPIC (5001)	94.3	77.5	72.2	88.3	83.8	99.0	95.6	85.0	98.9	66.1	90.1	98.9	92.4	92.4	49.2	96.7	76.7	86.3
GARNET (PICK CRF 1-03)	96.8	82.0	74.8	88.7	85.8	98.0	93.2	74.2	96.4	79.4	87.9	98.6	85.7	92.4	40.8	96.8	71.7	86.1
LONGFELLOW II	96.1	82.9	87.0	90.7	58.6	96.8	94.5	83.3	97.1	64.2	95.4	98.8	86.9	94.8	66.7	82.0	76.7	85.9
AMBASSADOR	92.8	82.9	84.2	89.3	68.3	98.3	93.9	72.5	97.2	69.4	91.7	97.9	94.6	94.5	46.7	85.3	80.0	85.6
DP 77-9579	95.3	81.6	74.3	89.3	84.0	98.2	92.2	75.0	97.9	70.1	80.6	97.6	86.0	91.4	55.8	99.0	76.7	85.5
PATHFINDER	95.3	76.6	80.6	89.3	72.6	98.8	92.8	76.7	98.4	79.8	85.7	98.6	84.7	91.9	51.7	98.3	70.0	85.5
FIREFLY (SPM)	94.1	81.7	93.3	80.0	74.5	95.7	93.8	76.7	97.8	52.8	97.2	88.0	85.8	93.8	63.3	96.0	60.0	85.5
PREDATOR	96.8	80.4	87.8	90.0	67.3	98.2	91.7	88.3	97.7	59.4	96.6	94.9	79.3	95.0	65.5	87.8	60.0	85.5
WENDY JEAN (C03-RCE)	95.3	79.2	69.7	89.3	85.1	98.3	92.0	75.0	96.7	66.4	86.6	99.0	90.8	91.3	51.7	97.7	80.0	85.4
FORTITUDE (TL 53)	95.7	79.1	56.8	87.7	75.6	99.0	92.5	83.3	97.1	79.8	90.8	99.0	87.7	92.9	55.8	98.3	76.7	85.2
DP 77-9886	95.8	85.0	90.8	89.3	62.9	90.3	93.4	87.5	97.6	58.3	90.0	97.8	91.4	93.5	44.2	84.7	80.0	85.2
BERKSHIRE	95.9	80.0	85.8	89.3	63.8	99.0	92.9	85.0	97.9	52.2	92.4	89.1	85.3	94.8	60.0	92.7	86.7	84.8
DLF-RCM	94.8	85.0	60.8	89.3	71.2	99.0	93.4	75.8	98.2	70.6	88.1	99.0	87.7	92.2	58.3	98.3	75.0	84.7
PST-8000	93.5	76.7	71.1	89.3	73.4	99.0	92.8	86.7	98.2	66.1	86.0	99.0	91.6	93.8	52.5	92.5	70.0	84.6
CLASS ONE (IS-FRR 29)	95.3	83.8	70.4	89.0	79.4	96.8	93.0	78.3	97.9	71.7	87.8	99.0	74.3	91.3	47.5	97.7	63.3	84.4
LACROSSE (IS-FRC 17)	95.0	80.0	89.3	90.0	59.3	91.2	93.0	71.7	96.8	70.9	92.8	98.9	85.4	94.0	53.2	71.8	86.7	84.3
DP 77-9360	95.5	82.1	70.1	89.3	66.8	98.2	95.5	77.5	98.0	73.9	84.1	97.3	83.2	91.9	48.3	99.0	73.3	84.2
J-5 (JAMESTOWN 5)	95.0	82.1	87.4	90.0	66.9	95.8	89.4	71.7	97.7	60.0	88.6	97.8	89.0	93.4	52.5	80.5	73.3	84.1
C-SMX	94.8	75.0	70.5	91.7	71.8	97.3	91.9	75.8	98.3	62.8	86.6	98.9	85.2	92.1	59.0	95.2	76.7	83.8
COMPASS (ACF 188)	94.5	77.5	85.3	87.3	63.4	96.2	95.8	65.0	94.3	75.3	89.7	97.9	89.0	91.9	45.0	79.5	63.3	83.5
DP 77-9578	95.3	78.3	67.1	87.7	79.8	98.8	94.0	73.3	97.0	67.2	82.7	98.4	75.4	91.1	54.8	98.2	66.7	83.4
SR 5130 (SRX 51G)	95.1	79.9	72.6	88.3	68.7	95.7	93.2	81.7	96.9	54.6	94.4	98.6	92.0	95.5	37.5	83.5	73.3	83.4
SR 3000	96.3	78.7	91.4	87.7	73.7	92.8	92.4	67.5	98.6	46.1	89.7	81.6	91.0	93.0	40.8	88.7	66.7	82.8
BMXC-S02	94.3	67.5	70.7	85.0	76.2	98.8	94.8	63.3	97.0	60.6	81.6	97.1	80.9	93.3	64.8	99.0	73.3	82.7
CASCADE	95.8	81.3	81.3	92.3	61.8	91.5	90.1	81.7	94.1	37.2	89.4	96.1	80.8	92.7	75.0	77.2	88.3	82.6
SRX 3K	95.9	76.7	94.7	87.7	62.8	99.0	87.6	70.0	98.4	43.9	91.1	94.8	78.7	91.9	57.5	87.8	66.7	82.5
7 SEAS	94.8	80.4	84.7	88.7	60.5	81.8	93.1	58.3	97.2	79.8	85.3	98.8	82.3	94.2	40.0	83.7	66.7	82.5
TL1	94.2	66.7	69.9	87.7	74.8	96.7	92.8	75.8	97.0	63.3	83.3	98.4	83.6	91.5	41.7	94.5	65.0	81.8
IS-FRR 23	95.2	66.3	63.0	90.0	75.3	97.0	93.1	75.8	97.1	59.4	80.9	97.8	80.0	90.2	44.2	97.3	73.3	81.0
CELESTIAL	94.8	70.8	60.0	90.0	68.2	96.7	91.8	72.5	98.8	57.8	77.0	98.7	76.1	94.3	59.0	94.8	80.0	80.9
RAZOR	94.5	74.2	57.8	90.0	66.4	95.7	91.1	70.0	97.7	56.7	77.9	97.9	80.6	92.3	61.7	95.0	78.3	80.8
JASPER II	94.6	74.6	60.4	89.3	72.5	95.3	90.9	81.7	97.9	46.7	76.9	97.7	80.6	91.8	48.3	92.8	80.0	80.6
QUATRO	94.8	75.4	88.3	88.3	52.2	87.8	88.9	61.7	98.8	41.1	90.3	92.3	81.9	92.1	58.3	83.8	80.0	80.4
MUSICA	94.8	77.1	73.8	90.7	69.4	78.8	94.6	77.5	98.3	21.8	93.8	92.4	90.8	96.5	44.2	55.8	83.3	79.8
AUDUBON	95.8	70.8	63.9	91.7	69.2	95.2	89.8	75.8	98.2	58.9	67.0	97.8	70.9	91.3	45.8	94.3	73.3	79.5
CULUMBRA II (ACF 174)	91.8	71.3	75.5	88.0	56.1	86.0	93.4	56.7	97.9	35.7	85.3	97.8	90.1	93.4	53.3	79.2	75.0	78.9
SCALDIS	94.9	80.0	90.7	89.3	47.5	97.7	83.3	55.0	96.3	29.4	86.9	71.7	82.4	93.4	55.8	86.8	73.3	78.0
SPLENDOR (ASC 245)	94.9	65.8	45.2	80.0	71.9	97.0	93.1	66.7	96.2	50.0	78.7	97.2	83.9	90.9	45.8	92.5	70.0	78.0
SHORELINE (SRX 55R)	96.0	70.8	64.4	89.3	67.3	80.7	92.5	86.7	94.8	27.7	81.2	97.9	65.6	94.5	37.5	91.7	66.7	77.5

TABLE 20A. (CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
C03-4676	92.3	60.8	53.7	90.0	59.6	95.5	91.6	75.8	97.3	50.6	75.0	96.3	67.7	93.1	44.2	91.8	75.0	76.6
SEABREEZE	94.8	60.4	34.2	91.7	57.8	78.2	92.8	70.8	94.9	56.1	73.2	92.7	63.9	94.7	51.7	91.5	75.0	74.4
ORACLE	93.8	65.8	50.5	93.7	57.1	91.2	91.7	63.3	94.8	36.1	70.3	93.8	51.1	91.8	55.8	91.7	81.7	74.3
SHADEMASTER	94.8	67.5	45.4	92.3	62.1	97.2	87.9	47.5	97.0	40.0	72.7	95.7	63.3	91.8	45.0	89.7	63.3	74.2
BOREAL	95.3	60.0	56.7	92.3	56.4	88.0	87.9	61.7	94.2	29.4	63.8	92.1	53.0	91.3	47.5	93.7	81.7	72.6
DAWSON E	91.2	60.4	46.9	95.3	49.9	76.0	91.0	82.5	94.7	25.3	75.3	81.7	58.0	94.9	58.3	87.5	73.3	72.1
LSD VALUE	4.2	16.8	24.6	3.7	21.6	10.3	5.7	23.2	4.0	28.1	11.3	6.6	18.1	4.0	29.8	11.9	15.0	4.8
C.V. (%)	2.8	13.8	21.1	2.6	23.2	7.0	4.0	19.9	2.6	36.9	8.7	4.3	14.5	2.7	37.2	8.7	12.5	12.8

TABLE 20B.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
ZODIAC (BUR 4601)	94.3	87.3	91.9	92.0	80.2	98.0	94.6	87.5	98.1	84.8	94.8	99.0	86.3	94.8	62.3	85.3	85.0	89.8
DP 77-9885	94.9	86.2	91.6	87.0	73.6	94.3	94.3	71.7	97.6	75.6	91.8	99.0	94.1	93.9	61.5	86.2	73.3	87.7
TREASURE II (PST-4TZ)	95.4	86.7	86.9	87.0	89.0	95.0	93.1	88.3	98.2	47.2	91.2	98.3	92.0	95.9	42.5	79.5	83.3	86.7
LONGFELLOW II	96.1	82.9	87.0	90.7	58.6	96.8	94.5	83.3	97.1	64.2	95.4	98.8	86.9	94.8	66.7	82.0	76.7	85.9
AMBASSADOR	92.8	82.9	84.2	89.3	68.3	98.3	93.9	72.5	97.2	69.4	91.7	97.9	94.6	94.5	46.7	85.3	80.0	85.6
DP 77-9886	95.8	85.0	90.8	89.3	62.9	90.3	93.4	87.5	97.6	58.3	90.0	97.8	91.4	93.5	44.2	84.7	80.0	85.2
LACROSSE (IS-FRC 17)	95.0	80.0	89.3	90.0	59.3	91.2	93.0	71.7	96.8	70.9	92.8	98.9	85.4	94.0	53.2	71.8	86.7	84.3
J-5 (JAMESTOWN 5)	95.0	82.1	87.4	90.0	66.9	95.8	89.4	71.7	97.7	60.0	88.6	97.8	89.0	93.4	52.5	80.5	73.3	84.1
COMPASS (ACF 188)	94.5	77.5	85.3	87.3	63.4	96.2	95.8	65.0	94.3	75.3	89.7	97.9	89.0	91.9	45.0	79.5	63.3	83.5
SR 5130 (SRX 51G)	95.1	79.9	72.6	88.3	68.7	95.7	93.2	81.7	96.9	54.6	94.4	98.6	92.0	95.5	37.5	83.5	73.3	83.4
CASCADE	95.8	81.3	81.3	92.3	61.8	91.5	90.1	81.7	94.1	37.2	89.4	96.1	80.8	92.7	75.0	77.2	88.3	82.6
7 SEAS	94.8	80.4	84.7	88.7	60.5	81.8	93.1	58.3	97.2	79.8	85.3	98.8	82.3	94.2	40.0	83.7	66.7	82.5
MUSICA	94.8	77.1	73.8	90.7	69.4	78.8	94.6	77.5	98.3	21.8	93.8	92.4	90.8	96.5	44.2	55.8	83.3	79.8
CULUMBRA II (ACF 174)	91.8	71.3	75.5	88.0	56.1	86.0	93.4	56.7	97.9	35.7	85.3	97.8	90.1	93.4	53.3	79.2	75.0	78.9
LSD VALUE	3.6	16.3	22.4	4.0	22.2	14.6	4.1	28.5	4.3	33.0	8.5	3.4	15.0	4.2	30.3	20.2	13.1	5.2
C.V. (%)	2.4	12.5	16.7	2.8	25.6	10.5	2.9	24.8	2.7	42.1	6.4	2.2	11.6	2.8	38.0	18.5	10.5	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 20C.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
CARDINAL (IS-FRR 30)	95.6	82.5	75.9	90.0	76.3	99.0	93.3	81.7	96.7	77.3	87.4	98.7	86.6	91.5	55.8	99.0	73.3	86.4
EPIC (5001)	94.3	77.5	72.2	88.3	83.8	99.0	95.6	85.0	98.9	66.1	90.1	98.9	92.4	92.4	49.2	96.7	76.7	86.3
GARNET (PICK CRF 1-03)	96.8	82.0	74.8	88.7	85.8	98.0	93.2	74.2	96.4	79.4	87.9	98.6	85.7	92.4	40.8	96.8	71.7	86.1
DP 77-9579	95.3	81.6	74.3	89.3	84.0	98.2	92.2	75.0	97.9	70.1	80.6	97.6	86.0	91.4	55.8	99.0	76.7	85.5
PATHFINDER	95.3	76.6	80.6	89.3	72.6	98.8	92.8	76.7	98.4	79.8	85.7	98.6	84.7	91.9	51.7	98.3	70.0	85.5
WENDY JEAN (C03-RCE)	95.3	79.2	69.7	89.3	85.1	98.3	92.0	75.0	96.7	66.4	86.6	99.0	90.8	91.3	51.7	97.7	80.0	85.4
FORTITUDE (TL 53)	95.7	79.1	56.8	87.7	75.6	99.0	92.5	83.3	97.1	79.8	90.8	99.0	87.7	92.9	55.8	98.3	76.7	85.2
DLF-RCM	94.8	85.0	60.8	89.3	71.2	99.0	93.4	75.8	98.2	70.6	88.1	99.0	87.7	92.2	58.3	98.3	75.0	84.7
PST-8000	93.5	76.7	71.1	89.3	73.4	99.0	92.8	86.7	98.2	66.1	86.0	99.0	91.6	93.8	52.5	92.5	70.0	84.6
CLASS ONE (IS-FRR 29)	95.3	83.8	70.4	89.0	79.4	96.8	93.0	78.3	97.9	71.7	87.8	99.0	74.3	91.3	47.5	97.7	63.3	84.4
DP 77-9360	95.5	82.1	70.1	89.3	66.8	98.2	95.5	77.5	98.0	73.9	84.1	97.3	83.2	91.9	48.3	99.0	73.3	84.2
C-SMX	94.8	75.0	70.5	91.7	71.8	97.3	91.9	75.8	98.3	62.8	86.6	98.9	85.2	92.1	59.0	95.2	76.7	83.8
DP 77-9578	95.3	78.3	67.1	87.7	79.8	98.8	94.0	73.3	97.0	67.2	82.7	98.4	75.4	91.1	54.8	98.2	66.7	83.4
BMXC-S02	94.3	67.5	70.7	85.0	76.2	98.8	94.8	63.3	97.0	60.6	81.6	97.1	80.9	93.3	64.8	99.0	73.3	82.7
TL1	94.2	66.7	69.9	87.7	74.8	96.7	92.8	75.8	97.0	63.3	83.3	98.4	83.6	91.5	41.7	94.5	65.0	81.8
IS-FRR 23	95.2	66.3	63.0	90.0	75.3	97.0	93.1	75.8	97.1	59.4	80.9	97.8	80.0	90.2	44.2	97.3	73.3	81.0
CELESTIAL	94.8	70.8	60.0	90.0	68.2	96.7	91.8	72.5	98.8	57.8	77.0	98.7	76.1	94.3	59.0	94.8	80.0	80.9
RAZOR	94.5	74.2	57.8	90.0	66.4	95.7	91.1	70.0	97.7	56.7	77.9	97.9	80.6	92.3	61.7	95.0	78.3	80.8
JASPER II	94.6	74.6	60.4	89.3	72.5	95.3	90.9	81.7	97.9	46.7	76.9	97.7	80.6	91.8	48.3	92.8	80.0	80.6
AUDUBON	95.8	70.8	63.9	91.7	69.2	95.2	89.8	75.8	98.2	58.9	67.0	97.8	70.9	91.3	45.8	94.3	73.3	79.5
SPLENDOR (ASC 245)	94.9	65.8	45.2	80.0	71.9	97.0	93.1	66.7	96.2	50.0	78.7	97.2	83.9	90.9	45.8	92.5	70.0	78.0
C03-4676	92.3	60.8	53.7	90.0	59.6	95.5	91.6	75.8	97.3	50.6	75.0	96.3	67.7	93.1	44.2	91.8	75.0	76.6
ORACLE	93.8	65.8	50.5	93.7	57.1	91.2	91.7	63.3	94.8	36.1	70.3	93.8	51.1	91.8	55.8	91.7	81.7	74.3
SHADEMASTER	94.8	67.5	45.4	92.3	62.1	97.2	87.9	47.5	97.0	40.0	72.7	95.7	63.3	91.8	45.0	89.7	63.3	74.2
BOREAL	95.3	60.0	56.7	92.3	56.4	88.0	87.9	61.7	94.2	29.4	63.8	92.1	53.0	91.3	47.5	93.7	81.7	72.6
LSD VALUE	3.3	16.9	27.5	3.4	18.1	3.6	4.7	21.7	3.5	24.0	13.2	3.5	18.2	4.0	28.7	7.1	16.5	4.6
C.V. (%)	2.2	14.7	28.9	2.4	20.0	2.3	3.4	18.9	2.3	30.0	11.0	2.3	14.9	2.7	38.1	4.7	13.9	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.

TABLE 20D.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
OXFORD	96.2	81.7	90.4	86.0	73.7	98.3	91.3	82.5	98.7	63.3	95.7	91.4	87.8	93.9	71.5	95.3	80.0	87.3
RELIANT IV (A01630REL)	96.3	81.7	94.4	88.7	79.8	97.8	92.0	81.7	98.8	41.7	95.9	91.0	90.3	94.5	65.7	97.5	78.3	86.9
GOTHAM (IS-FL 28)	95.4	77.1	84.8	88.7	68.0	98.3	94.5	90.0	98.2	57.2	97.1	92.0	93.7	95.7	71.5	92.7	80.0	86.7
SPARTAN II (PICK HF #2)	96.0	83.3	93.0	88.7	77.3	97.5	94.9	91.7	95.8	54.4	95.6	96.8	81.7	95.0	43.3	90.3	73.3	86.3
FIREFLY (SPM)	94.1	81.7	93.3	80.0	74.5	95.7	93.8	76.7	97.8	52.8	97.2	88.0	85.8	93.8	63.3	96.0	60.0	85.5
PREDATOR	96.8	80.4	87.8	90.0	67.3	98.2	91.7	88.3	97.7	59.4	96.6	94.9	79.3	95.0	65.5	87.8	60.0	85.5
BERKSHIRE	95.9	80.0	85.8	89.3	63.8	99.0	92.9	85.0	97.9	52.2	92.4	89.1	85.3	94.8	60.0	92.7	86.7	84.8
SR 3000	96.3	78.7	91.4	87.7	73.7	92.8	92.4	67.5	98.6	46.1	89.7	81.6	91.0	93.0	40.8	88.7	66.7	82.8
SRX 3K	95.9	76.7	94.7	87.7	62.8	99.0	87.6	70.0	98.4	43.9	91.1	94.8	78.7	91.9	57.5	87.8	66.7	82.5
QUATRO	94.8	75.4	88.3	88.3	52.2	87.8	88.9	61.7	98.8	41.1	90.3	92.3	81.9	92.1	58.3	83.8	80.0	80.4
SCALDIS	94.9	80.0	90.7	89.3	47.5	97.7	83.3	55.0	96.3	29.4	86.9	71.7	82.4	93.4	55.8	86.8	73.3	78.0
LSD VALUE	3.8	16.9	15.6	3.7	24.0	9.0	7.9	18.3	3.2	27.3	5.7	11.9	17.7	3.6	33.3	6.4	14.5	4.7
C.V. (%)	2.5	13.4	10.9	2.7	24.3	5.9	5.6	15.3	2.1	39.9	3.9	8.4	14.4	2.4	36.1	4.7	12.4	12.1

TABLE 20E.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IA1	IL1	IL2	IN1	MA1	MD1	MI1	MN1	ND1	NJ1	NJ2	PA1	RI1	SD1	UT1	VA1	WA3	MEAN
SHORELINE (SRX 55R)	96.0	70.8	64.4	89.3	67.3	80.7	92.5	86.7	94.8	27.7	81.2	97.9	65.6	94.5	37.5	91.7	66.7	77.5
SEABREEZE	94.8	60.4	34.2	91.7	57.8	78.2	92.8	70.8	94.9	56.1	73.2	92.7	63.9	94.7	51.7	91.5	75.0	74.4
DAWSON E	91.2	60.4	46.9	95.3	49.9	76.0	91.0	82.5	94.7	25.3	75.3	81.7	58.0	94.9	58.3	87.5	73.3	72.1
LSD VALUE	7.8	16.2	28.2	3.5	14.1	17.7	3.5	22.6	5.2	26.8	15.4	7.2	23.4	3.7	20.4	3.8	11.1	4.8
C.V. (%)	5.4	16.4	42.2	2.3	25.9	17.1	2.5	18.0	3.4	57.4	13.4	5.1	23.5	2.4	26.8	2.7	9.6	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 21A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
QUATRO	8.2	6.2	7.5
FIREFLY (SPM)	7.9	4.8	6.9
RELIANT IV (A01630REL)	7.7	5.0	6.7
SCALDIS	7.8	4.5	6.7
PREDATOR	8.0	4.2	6.7
GOTHAM (IS-FL 28)	7.6	4.7	6.6
SPARTAN II (PICK HF #2)	7.8	4.3	6.6
OXFORD	7.6	4.5	6.4
BERKSHIRE	7.6	4.5	6.4
SRX 3K	7.1	4.5	6.3
CO3-4676	7.0	4.8	6.2
CELESTIAL	6.8	4.5	6.1
TL1	6.9	4.5	6.1
RAZOR	7.0	4.5	6.1
WENDY JEAN (CO3-RCE)	6.7	4.8	6.0
CARDINAL (IS-FRR 30)	6.7	4.5	5.9
GARNET (PICK CRF 1-03)	6.8	4.3	5.9
SR 3000	7.0	4.2	5.9
PATHFINDER	6.7	4.7	5.9
SPLENDOR (ASC 245)	6.3	4.7	5.9
FORTITUDE (TL 53)	6.7	4.5	5.9
IS-FRR 23	6.6	4.7	5.9
CULUMBRA II (ACF 174)	7.1	3.2	5.8
DP 77-9579	6.3	4.8	5.8
JASPER II	6.8	4.3	5.8
PST-8000	6.2	5.0	5.8
COMPASS (ACF 188)	6.4	4.0	5.8
ORACLE	6.4	4.8	5.8
SHORELINE (SRX 55R)	6.6	4.3	5.8
7 SEAS	6.7	3.8	5.8
BMXC-S02	6.6	4.5	5.8
SR 5130 (SRX 51G)	6.7	3.5	5.7
AUDUBON	6.8	4.2	5.7
CLASS ONE (IS-FRR 29)	6.6	4.3	5.7
DAWSON E	6.1	5.2	5.6
J-5 (JAMESTOWN 5)	6.6	3.8	5.6
C-SMX	6.0	4.7	5.6
MUSICA	5.9	4.7	5.6
ZODIAC (BUR 4601)	6.4	3.8	5.6
BOREAL	6.3	4.3	5.5
CASCADE	6.3	3.8	5.5
EPIC (5001)	6.1	4.5	5.5
LACROSSE (IS-FRC 17)	6.4	3.3	5.5
LONGFELLOW II	6.3	3.8	5.5
DP 77-9885	6.3	3.7	5.4
DLF-RCM	6.2	4.0	5.4

TABLE 21A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
DP 77-9360	6.1	4.3	5.4
TREAZURE II (PST-4TZ)	5.9	4.0	5.4
DP 77-9578	5.8	4.8	5.4
SHADEMASTER	5.8	5.0	5.4
AMBASSADOR	6.2	3.5	5.3
DP 77-9886	5.8	4.3	5.3
SEABREEZE	5.8	4.3	5.2
LSD VALUE	1.3	0.8	1.0
C.V. (%)	12.0	11.7	12.3

TABLE 21B. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
CULUMBRA II (ACF 174)	7.1	3.2	5.8
COMPASS (ACF 188)	6.4	4.0	5.8
7 SEAS	6.7	3.8	5.8
SR 5130 (SRX 51G)	6.7	3.5	5.7
J-5 (JAMESTOWN 5)	6.6	3.8	5.6
MUSICA	5.9	4.7	5.6
ZODIAC (BUR 4601)	6.4	3.8	5.6
CASCADE	6.3	3.8	5.5
LACROSSE (IS-FRC 17)	6.4	3.3	5.5
LONGFELLOW II	6.3	3.8	5.5
DP 77-9885	6.3	3.7	5.4
TREAZURE II (PST-4TZ)	5.9	4.0	5.4
AMBASSADOR	6.2	3.5	5.3
DP 77-9886	5.8	4.3	5.3
LSD VALUE	1.4	0.6	1.0
C.V. (%)	13.3	10.8	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/ WINTER COLOR RATED AT "VA1" IN 2006-07, AND AT "WA3" IN 2007.

TABLE 21C. WINTER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
C03-4676	7.0	4.8	6.2
CELESTIAL	6.8	4.5	6.1
TL1	6.9	4.5	6.1
RAZOR	7.0	4.5	6.1
WENDY JEAN (C03-RCE)	6.7	4.8	6.0
CARDINAL (IS-FRR 30)	6.7	4.5	5.9
GARNET (PICK CRF 1-03)	6.8	4.3	5.9
PATHFINDER	6.7	4.7	5.9
SPLENDOR (ASC 245)	6.3	4.7	5.9
FORTITUDE (TL 53)	6.7	4.5	5.9
IS-FRR 23	6.6	4.7	5.9
DP 77-9579	6.3	4.8	5.8
JASPER II	6.8	4.3	5.8
PST-8000	6.2	5.0	5.8
ORACLE	6.4	4.8	5.8
BMXC-S02	6.6	4.5	5.8
AUDUBON	6.8	4.2	5.7
CLASS ONE (IS-FRR 29)	6.6	4.3	5.7
C-SMX	6.0	4.7	5.6
BOREAL	6.3	4.3	5.5
EPIC (5001)	6.1	4.5	5.5
DLF-RCM	6.2	4.0	5.4
DP 77-9360	6.1	4.3	5.4
DP 77-9578	5.8	4.8	5.4
SHADEMASTER	5.8	5.0	5.4
LSD VALUE	1.4	0.9	1.0
C.V. (%)	13.1	12.7	13.4

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/ WINTER COLOR RATED AT "VA1" IN 2006-07, AND AT "WA3" IN 2007.

TABLE 21D. WINTER COLOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
QUATRO	8.2	6.2	7.5
FIREFLY (SPM)	7.9	4.8	6.9
RELIANT IV (A01630REL)	7.7	5.0	6.7
SCALDIS	7.8	4.5	6.7
PREDATOR	8.0	4.2	6.7
GOTHAM (IS-FL 28)	7.6	4.7	6.6
SPARTAN II (PICK HF #2)	7.8	4.3	6.6
OXFORD	7.6	4.5	6.4
BERKSHIRE	7.6	4.5	6.4
SRX 3K	7.1	4.5	6.3
SR 3000	7.0	4.2	5.9
LSD VALUE	1.1	0.8	0.8
C.V. (%)	8.8	10.2	9.2

TABLE 21E. WINTER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	VA1	WA3	MEAN
SHORELINE (SRX 55R)	6.6	4.3	5.8
DAWSON E	6.1	5.2	5.6
SEABREEZE	5.8	4.3	5.2
LSD VALUE	1.0	0.8	0.8
C.V. (%)	10.6	10.3	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/ WINTER COLOR RATED AT "VA1" IN 2006-07, AND AT "WA3" IN 2007.

TABLE 22A. DROUGHT TOLERANCE (WILTING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
AUDUBON	4.7
CLASS ONE (IS-FRR 29)	4.7
DAWSON E	4.7
FORTITUDE (TL 53)	4.7
GARNET (PICK CRF 1-03)	4.7
PST-8000	4.7
SHORELINE (SRX 55R)	4.7
SPLENDOR (ASC 245)	4.7
SR 5130 (SRX 51G)	4.7
BMXC-S02	4.3
C-SMX	4.3
C03-4676	4.3
CARDINAL (IS-FRR 30)	4.3
CELESTIAL	4.3
DP 77-9360	4.3
DP 77-9578	4.3
DP 77-9579	4.3
EPIC (5001)	4.3
FIREFLY (SPM)	4.3
ORACLE	4.3
OXFORD	4.3
PATHFINDER	4.3
QUATRO	4.3
SCALDIS	4.3
SEABREEZE	4.3
SR 3000	4.3
SRX 3K	4.3
TL1	4.3
ZODIAC (BUR 4601)	4.3
7 SEAS	4.0
AMBASSADOR	4.0
BERKSHIRE	4.0
CASCADE	4.0
COMPASS (ACF 188)	4.0
CULUMBRA II (ACF 174)	4.0
DLF-RCM	4.0
DP 77-9886	4.0
GOTHAM (IS-FL 28)	4.0
IS-FRR 23	4.0
J-5 (JAMESTOWN 5)	4.0
LACROSSE (IS-FRC 17)	4.0
LONGFELLOW II	4.0
MUSICA	4.0
PREDATOR	4.0
SPARTAN II (PICK HF #2)	4.0
TREAZURE II (PST-4TZ)	4.0

TABLE 22A. DROUGHT TOLERANCE (WILTING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
WENDY JEAN (C03-RCE)	4.0
BOREAL	3.7
DP 77-9885	3.7
JASPER II	3.7
RAZOR	3.7
RELIANT IV (A01630REL)	3.7
SHADEMASTER	3.7
LSD VALUE	1.0
C.V. (%)	14.1

TABLE 22B. DROUGHT TOLERANCE (WILTING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
SR 5130 (SRX 51G)	4.7
ZODIAC (BUR 4601)	4.3
7 SEAS	4.0
AMBASSADOR	4.0
CASCADE	4.0
COMPASS (ACF 188)	4.0
CULUMBRA II (ACF 174)	4.0
DP 77-9886	4.0
J-5 (JAMESTOWN 5)	4.0
LACROSSE (IS-FRC 17)	4.0
LONGFELLOW II	4.0
MUSICA	4.0
TREAZURE II (PST-4TZ)	4.0
DP 77-9885	3.7
LSD VALUE	0.6
C.V. (%)	9.3

- 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 (WILTING) RATED IN 2005 ONLY.

TABLE 22C. DROUGHT TOLERANCE (WILTING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
AUDUBON	4.7
CLASS ONE (IS-FRR 29)	4.7
FORTITUDE (TL 53)	4.7
GARNET (PICK CRF 1-03)	4.7
PST-8000	4.7
SPLENDOR (ASC 245)	4.7
BMXC-S02	4.3
C-SMX	4.3
C03-4676	4.3
CARDINAL (IS-FRR 30)	4.3
CELESTIAL	4.3
DP 77-9360	4.3
DP 77-9578	4.3
DP 77-9579	4.3
EPIC (5001)	4.3
ORACLE	4.3
PATHFINDER	4.3
TL1	4.3
DLF-RCM	4.0
IS-FRR 23	4.0
WENDY JEAN (C03-RCE)	4.0
BOREAL	3.7
JASPER II	3.7
RAZOR	3.7
SHADEMASTER	3.7
LSD VALUE	1.1
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/ DROUGHT TOLERANCE (WILTING) RATED IN 2005 ONLY.

TABLE 22D. DROUGHT TOLERANCE (WILTING) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
FIREFLY (SPM)	4.3
OXFORD	4.3
QUATRO	4.3
SCALDIS	4.3
SR 3000	4.3
SRX 3K	4.3
BERKSHIRE	4.0
GOTHAM (IS-FL 28)	4.0
PREDATOR	4.0
SPARTAN II (PICK HF #2)	4.0
RELIANT IV (A01630REL)	3.7
LSD VALUE	1.0
C.V. (%)	15.1

TABLE 22E. DROUGHT TOLERANCE (WILTING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ND1
DAWSON E	4.7
SHORELINE (SRX 55R)	4.7
SEABREEZE	4.3
LSD VALUE	0.9
C.V. (%)	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.

3/ DROUGHT TOLERANCE (WILTING) RATED IN 2005 ONLY.

TABLE 23A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	RI1
SPARTAN II (PICK HF #2)	9.0
AUDUBON	8.7
FIREFLY (SPM)	8.7
ORACLE	8.7
PREDATOR	8.7
RELIANT IV (A01630REL)	8.7
GOTHAM (IS-FL 28)	8.3
SRX 3K	8.3
BERKSHIRE	7.7
SHADEMASTER	7.7
SR 3000	7.7
DAWSON E	7.3
DP 77-9578	7.3
EPIC (5001)	7.3
OXFORD	7.3
SCALDIS	7.3
PST-8000	7.0
SHORELINE (SRX 55R)	7.0
WENDY JEAN (C03-RCE)	7.0
SEABREEZE	6.7
TL1	6.7
BMXC-S02	6.3
BOREAL	6.3
C-SMX	6.3
C03-4676	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
GARNET (PICK CRF 1-03)	6.3
QUATRO	6.3
RAZOR	6.3
CARDINAL (IS-FRR 30)	6.0
IS-FRR 23	6.0
JASPER II	6.0
CELESTIAL	5.7
DLF-RCM	5.7
DP 77-9579	5.7
FORTITUDE (TL 53)	5.7
SPLENDOR (ASC 245)	5.7
SR 5130 (SRX 51G)	5.3
7 SEAS	5.0
LACROSSE (IS-FRC 17)	5.0
LONGFELLOW II	4.7
ZODIAC (BUR 4601)	4.3
MUSICA	4.0
PATHFINDER	4.0
CULUMBRA II (ACF 174)	3.7

TABLE 23A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

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

NAME	RI1
CASCADE	3.0
COMPASS (ACF 188)	3.0
DP 77-9885	3.0
AMBASSADOR	2.0
DP 77-9886	2.0
J-5 (JAMESTOWN 5)	2.0
TREAZURE II (PST-4TZ)	2.0
LSD VALUE	1.8
C.V. (%)	18.3

TABLE 23B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	RI1
SR 5130 (SRX 51G)	5.3
7 SEAS	5.0
LACROSSE (IS-FRC 17)	5.0
LONGFELLOW II	4.7
ZODIAC (BUR 4601)	4.3
MUSICA	4.0
CULUMBRA II (ACF 174)	3.7
CASCADE	3.0
COMPASS (ACF 188)	3.0
DP 77-9885	3.0
AMBASSADOR	2.0
DP 77-9886	2.0
J-5 (JAMESTOWN 5)	2.0
TREAZURE II (PST-4TZ)	2.0
LSD VALUE	2.3
C.V. (%)	40.6

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/ DROUGHT TOLERANCE (DORMANCY) RATED IN 2005 ONLY.

TABLE 23C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	RI1
AUDUBON	8.7
ORACLE	8.7
SHADEMASTER	7.7
DP 77-9578	7.3
EPIC (5001)	7.3
PST-8000	7.0
WENDY JEAN (C03-RCE)	7.0
TL1	6.7
BMXC-S02	6.3
BOREAL	6.3
C-SMX	6.3
C03-4676	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
GARNET (PICK CRF 1-03)	6.3
RAZOR	6.3
CARDINAL (IS-FRR 30)	6.0
IS-FRR 23	6.0
JASPER II	6.0
CELESTIAL	5.7
DLF-RCM	5.7
DP 77-9579	5.7
FORTITUDE (TL 53)	5.7
SPLENDOR (ASC 245)	5.7
PATHFINDER	4.0
LSD VALUE	1.8
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/ DROUGHT TOLERANCE (DORMANCY) RATED IN 2005 ONLY.

TABLE 23D. DROUGHT TOLERANCE (DORMANCY) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	RI1
SPARTAN II (PICK HF #2)	9.0
FIREFLY (SPM)	8.7
PREDATOR	8.7
RELIANT IV (A01630REL)	8.7
GOTHAM (IS-FL 28)	8.3
SRX 3K	8.3
BERKSHIRE	7.7
SR 3000	7.7
OXFORD	7.3
SCALDIS	7.3
QUATRO	6.3
LSD VALUE	0.9
C.V. (%)	6.9

TABLE 23E. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	RI1
DAWSON E	7.3
SHORELINE (SRX 55R)	7.0
SEABREEZE	6.7
LSD VALUE	1.2
C.V. (%)	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.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 2005 ONLY.

TABLE 24A. MELTING-OUT (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
ZODIAC (BUR 4601)	7.3
7 SEAS	7.0
AMBASSADOR	7.0
CARDINAL (IS-FRR 30)	7.0
GARNET (PICK CRF 1-03)	7.0
SR 5130 (SRX 51G)	7.0
TREAZURE II (PST-4TZ)	7.0
WENDY JEAN (C03-RCE)	7.0
BMXC-S02	6.7
C-SMX	6.7
CULUMBRA II (ACF 174)	6.7
DP 77-9360	6.7
DP 77-9579	6.7
DP 77-9886	6.7
EPIC (5001)	6.7
LONGFELLOW II	6.7
ORACLE	6.7
AUDUBON	6.3
CLASS ONE (IS-FRR 29)	6.3
DLF-RCM	6.3
DP 77-9578	6.3
FORTITUDE (TL 53)	6.3
JASPER II	6.3
LACROSSE (IS-FRC 17)	6.3
PST-8000	6.3
RAZOR	6.3
SPLENDOR (ASC 245)	6.3
TL1	6.3
CASCADE	6.0
CELESTIAL	6.0
DP 77-9885	6.0
IS-FRR 23	6.0
J-5 (JAMESTOWN 5)	6.0
MUSICA	6.0
PATHFINDER	6.0
SHADEMASTER	6.0
BOREAL	5.7
C03-4676	5.7
COMPASS (ACF 188)	5.7
SEABREEZE	5.7
DAWSON E	5.3
GOTHAM (IS-FL 28)	5.3
SHORELINE (SRX 55R)	5.3
PREDATOR	5.0
RELIANT IV (A01630REL)	5.0
BERKSHIRE	4.7

TABLE 24A. MELTING-OUT (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
FIREFLY (SPM)	4.3
OXFORD	4.3
QUATRO	4.3
SPARTAN II (PICK HF #2)	4.3
SCALDIS	3.7
SRX 3K	3.7
SR 3000	3.3
LSD VALUE	1.1
C.V. (%)	11.8

TABLE 24B. MELTING-OUT (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
ZODIAC (BUR 4601)	7.3
7 SEAS	7.0
AMBASSADOR	7.0
SR 5130 (SRX 51G)	7.0
TREAZURE II (PST-4TZ)	7.0
CULUMBRA II (ACF 174)	6.7
DP 77-9886	6.7
LONGFELLOW II	6.7
LACROSSE (IS-FRC 17)	6.3
CASCADE	6.0
DP 77-9885	6.0
J-5 (JAMESTOWN 5)	6.0
MUSICA	6.0
COMPASS (ACF 188)	5.7
LSD VALUE	1.3
C.V. (%)	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/ MELTING-OUT RATED IN 2004 ONLY

TABLE 24C. MELTING-OUT (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
CARDINAL (IS-FRR 30)	7.0
GARNET (PICK CRF 1-03)	7.0
WENDY JEAN (C03-RCE)	7.0
BMXC-S02	6.7
C-SMX	6.7
DP 77-9360	6.7
DP 77-9579	6.7
EPIC (5001)	6.7
ORACLE	6.7
AUDUBON	6.3
CLASS ONE (IS-FRR 29)	6.3
DLF-RCM	6.3
DP 77-9578	6.3
FORTITUDE (TL 53)	6.3
JASPER II	6.3
PST-8000	6.3
RAZOR	6.3
SPLENDOR (ASC 245)	6.3
TL1	6.3
CELESTIAL	6.0
IS-FRR 23	6.0
PATHFINDER	6.0
SHADEMASTER	6.0
BOREAL	5.7
C03-4676	5.7
LSD VALUE	0.9
C.V. (%)	8.9

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/ MELTING-OUT RATED IN 2004 ONLY

TABLE 24D. MELTING-OUT (SPRING) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
GOTHAM (IS-FL 28)	5.3
PREDATOR	5.0
RELIANT IV (A01630REL)	5.0
BERKSHIRE	4.7
FIREFLY (SPM)	4.3
OXFORD	4.3
QUATRO	4.3
SPARTAN II (PICK HF #2)	4.3
SCALDIS	3.7
SRX 3K	3.7
SR 3000	3.3
LSD VALUE	1.4
C.V. (%)	19.5

TABLE 24E. MELTING-OUT (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
SEABREEZE	5.7
DAWSON E	5.3
SHORELINE (SRX 55R)	5.3
LSD VALUE	0.9
C.V. (%)	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.

3/ MELTING-OUT RATED IN 2004 ONLY

TABLE 25A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
SPARTAN II (PICK HF #2)	8.7	8.3	7.3	8.2
FIREFLY (SPM)	8.7	8.0	7.0	7.9
GOTHAM (IS-FL 28)	8.7	7.7	6.3	7.6
SRX 3K	8.7	8.0	5.7	7.6
BERKSHIRE	9.0	7.7	5.7	7.5
RELIANT IV (A01630REL)	8.0	8.0	6.0	7.5
OXFORD	8.0	8.0	5.7	7.4
PREDATOR	7.3	8.0	6.3	7.4
DP 77-9885	8.3	7.0	7.0	7.3
LACROSSE (IS-FRC 17)	8.0	6.7	7.0	7.1
SR 3000	6.7	8.0	5.7	7.1
SR 5130 (SRX 51G)	7.7	6.3	7.3	6.9
EPIC (5001)	8.3	5.7	7.7	6.8
CULUMBRA II (ACF 174)	7.0	7.0	6.3	6.8
CELESTIAL	8.0	6.3	6.3	6.8
SCALDIS	7.0	7.7	4.0	6.6
GARNET (PICK CRF 1-03)	8.3	5.7	5.3	6.3
TREAZURE II (PST-4TZ)	7.0	5.7	6.3	6.2
DLF-RCM	8.3	4.7	6.7	6.1
LONGFELLOW II	8.0	4.7	6.7	6.0
SPLENDOR (ASC 245)	6.3	5.7	6.3	6.0
ZODIAC (BUR 4601)	8.0	5.0	6.0	6.0
SHORELINE (SRX 55R)	7.3	5.0	6.3	5.9
AMBASSADOR	7.7	4.7	6.3	5.8
FORTITUDE (TL 53)	8.0	4.7	6.0	5.8
PST-8000	8.0	5.3	4.7	5.8
CARDINAL (IS-FRR 30)	7.3	5.0	6.0	5.8
MUSICA	6.7	5.0	6.3	5.8
BMXC-S02	6.7	5.0	6.0	5.7
J-5 (JAMESTOWN 5)	7.0	4.7	5.7	5.5
DP 77-9886	7.3	5.3	3.8	5.4
DP 77-9578	8.7	4.0	5.0	5.4
DP 77-9360	8.3	4.3	4.3	5.3
RAZOR	7.7	4.3	5.0	5.3
C-SMX	7.3	4.0	6.0	5.3
7 SEAS	7.0	4.0	6.0	5.3
QUATRO	8.0	4.7	3.7	5.3
CLASS ONE (IS-FRR 29)	8.0	3.7	5.3	5.2
COMPASS (ACF 188)	7.3	4.3	4.7	5.2
SEABREEZE	6.0	4.7	5.3	5.2
AUDUBON	8.0	3.7	5.0	5.1
JASPER II	8.3	3.3	5.0	5.0
DP 77-9579	7.7	3.3	5.0	4.8
WENDY JEAN (C03-RCE)	8.3	3.0	5.0	4.8
TL1	7.0	3.3	5.0	4.7
IS-FRR 23	6.7	3.3	5.0	4.6

TABLE 25A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
CASCADE	8.0	2.3	4.7	4.3
C03-4676	7.0	3.0	3.7	4.2
DAWSON E	3.7	3.3	5.3	3.9
PATHFINDER	7.0	2.0	4.7	3.9
ORACLE	7.3	1.7	3.0	3.4
BOREAL	6.0	2.0	3.0	3.3
SHADEMASTER	5.3	2.0	1.3	2.7
LSD VALUE	2.0	1.9	1.3	1.6
C.V. (%)	16.9	23.4	14.5	19.9

TABLE 25B. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
DP 77-9885	8.3	7.0	7.0	7.3
LACROSSE (IS-FRC 17)	8.0	6.7	7.0	7.1
SR 5130 (SRX 51G)	7.7	6.3	7.3	6.9
CULUMBRA II (ACF 174)	7.0	7.0	6.3	6.8
TREAZURE II (PST-4TZ)	7.0	5.7	6.3	6.2
LONGFELLOW II	8.0	4.7	6.7	6.0
ZODIAC (BUR 4601)	8.0	5.0	6.0	6.0
AMBASSADOR	7.7	4.7	6.3	5.8
MUSICA	6.7	5.0	6.3	5.8
J-5 (JAMESTOWN 5)	7.0	4.7	5.7	5.5
DP 77-9886	7.3	5.3	3.8	5.4
7 SEAS	7.0	4.0	6.0	5.3
COMPASS (ACF 188)	7.3	4.3	4.7	5.2
CASCADE	8.0	2.3	4.7	4.3
LSD VALUE	1.7	2.1	1.5	1.6
C.V. (%)	13.8	25.2	16.0	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/ LEAF SPOT RATED AT "ME1" & "NJ2" IN 2004, AND AT "NJ1" IN 2005.

TABLE 25C. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
EPIC (5001)	8.3	5.7	7.7	6.8
CELESTIAL	8.0	6.3	6.3	6.8
GARNET (PICK CRF 1-03)	8.3	5.7	5.3	6.3
DLF-RCM	8.3	4.7	6.7	6.1
SPLENDOR (ASC 245)	6.3	5.7	6.3	6.0
FORTITUDE (TL 53)	8.0	4.7	6.0	5.8
PST-8000	8.0	5.3	4.7	5.8
CARDINAL (IS-FRR 30)	7.3	5.0	6.0	5.8
BMXC-S02	6.7	5.0	6.0	5.7
DP 77-9578	8.7	4.0	5.0	5.4
DP 77-9360	8.3	4.3	4.3	5.3
RAZOR	7.7	4.3	5.0	5.3
C-SMX	7.3	4.0	6.0	5.3
CLASS ONE (IS-FRR 29)	8.0	3.7	5.3	5.2
AUDUBON	8.0	3.7	5.0	5.1
JASPER II	8.3	3.3	5.0	5.0
DP 77-9579	7.7	3.3	5.0	4.8
WENDY JEAN (C03-RCE)	8.3	3.0	5.0	4.8
TL1	7.0	3.3	5.0	4.7
IS-FRR 23	6.7	3.3	5.0	4.6
C03-4676	7.0	3.0	3.7	4.2
PATHFINDER	7.0	2.0	4.7	3.9
ORACLE	7.3	1.7	3.0	3.4
BOREAL	6.0	2.0	3.0	3.3
SHADEMASTER	5.3	2.0	1.3	2.7
LSD VALUE	2.3	1.7	1.2	1.5
C.V. (%)	18.9	26.9	14.2	22.4

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/ LEAF SPOT RATED AT "ME1" & "NJ2" IN 2004, AND AT "NJ1" IN 2005.

TABLE 25D. LEAF SPOT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
SPARTAN II (PICK HF #2)	8.7	8.3	7.3	8.2
FIREFLY (SPM)	8.7	8.0	7.0	7.9
GOTHAM (IS-FL 28)	8.7	7.7	6.3	7.6
SRX 3K	8.7	8.0	5.7	7.6
BERKSHIRE	9.0	7.7	5.7	7.5
RELIANT IV (A01630REL)	8.0	8.0	6.0	7.5
OXFORD	8.0	8.0	5.7	7.4
PREDATOR	7.3	8.0	6.3	7.4
SR 3000	6.7	8.0	5.7	7.1
SCALDIS	7.0	7.7	4.0	6.6
QUATRO	8.0	4.7	3.7	5.3
LSD VALUE	1.6	1.4	1.3	1.2
C.V. (%)	12.4	11.6	13.5	12.3

TABLE 25E. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1	NJ1	NJ2	MEAN
SHORELINE (SRX 55R)	7.3	5.0	6.3	5.9
SEABREEZE	6.0	4.7	5.3	5.2
DAWSON E	3.7	3.3	5.3	3.9
LSD VALUE	2.9	3.4	0.9	2.5
C.V. (%)	31.7	49.3	10.2	36.4

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/ LEAF SPOT RATED AT "ME1" & "NJ2" IN 2004, AND AT "NJ1" IN 2005.

TABLE 26A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
EPIC (5001)	8.7	8.0	8.8	6.7	8.1
GARNET (PICK CRF 1-03)	8.0	7.3	8.3	7.3	7.8
SR 5130 (SRX 51G)	8.7	9.0	8.2	5.0	7.7
GOTHAM (IS-FL 28)	7.7	9.0	8.3	5.0	7.6
CARDINAL (IS-FRR 30)	8.3	7.7	8.7	5.3	7.6
RELIANT IV (A01630REL)	8.0	8.3	8.7	5.0	7.5
WENDY JEAN (C03-RCE)	7.3	7.7	8.5	6.0	7.5
AMBASSADOR	8.7	8.0	8.3	5.0	7.5
BERKSHIRE	8.0	8.7	8.0	5.3	7.5
COMPASS (ACF 188)	6.7	9.0	7.8	5.7	7.4
DLF-RCM	9.0	6.3	8.2	6.3	7.4
DP 77-9360	8.7	7.7	8.2	5.7	7.4
SPARTAN II (PICK HF #2)	8.3	8.7	8.3	4.0	7.3
DP 77-9578	7.3	7.0	7.7	7.0	7.3
DP 77-9885	8.3	8.0	7.5	5.7	7.3
FIREFLY (SPM)	8.3	8.3	7.8	5.0	7.3
QUATRO	8.3	8.3	8.0	4.7	7.3
CLASS ONE (IS-FRR 29)	7.7	7.3	7.8	6.0	7.3
FORTITUDE (TL 53)	7.0	8.0	8.0	5.7	7.2
PATHFINDER	7.3	6.7	8.3	5.7	7.2
PST-8000	7.0	7.0	8.7	5.0	7.2
ZODIAC (BUR 4601)	8.0	8.3	8.5	3.7	7.2
C-SMX	8.7	6.7	8.0	5.3	7.1
TREAZURE II (PST-4TZ)	8.7	8.3	8.0	3.7	7.1
LONGFELLOW II	9.0	7.0	7.8	4.7	7.0
SCALDIS	6.3	8.3	8.3	4.0	7.0
LACROSSE (IS-FRC 17)	7.7	8.0	7.8	4.0	7.0
PREDATOR	7.7	8.7	7.8	3.7	7.0
OXFORD	7.0	8.3	8.2	3.7	6.9
TL1	7.3	6.3	7.3	6.3	6.8
J-5 (JAMESTOWN 5)	6.7	7.7	7.5	5.0	6.8
SR 3000	6.3	8.0	8.2	3.7	6.8
DP 77-9579	6.3	6.7	6.8	7.3	6.8
SRX 3K	6.7	8.3	7.8	3.3	6.6
7 SEAS	7.7	7.0	6.7	5.3	6.5
DP 77-9886	6.0	7.7	7.7	3.7	6.5
SPLENDOR (ASC 245)	6.0	6.3	6.3	6.7	6.3
CASCADE	7.7	6.7	7.3	3.3	6.2
BMXC-S02	7.0	7.0	5.7	6.0	6.2
MUSICA	5.7	7.0	7.7	3.0	6.1
CULUMBRA II (ACF 174)	7.3	7.0	5.7	4.7	5.9
SHORELINE (SRX 55R)	5.3	5.0	6.2	5.0	5.5
SEABREEZE	6.7	6.7	5.5	4.0	5.5
IS-FRR 23	6.7	5.3	4.8	6.3	5.5
AUDUBON	5.3	6.0	5.0	5.3	5.4
CELESTIAL	4.7	6.0	5.8	4.7	5.3

TABLE 26A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
C03-4676	4.3	5.7	5.2	5.3	5.1
JASPER II	4.7	4.7	5.0	5.0	5.0
DAWSON E	6.0	5.0	4.2	4.7	4.8
RAZOR	4.0	6.0	4.2	4.7	4.6
SHADEMASTER	5.3	5.0	3.3	5.7	4.5
BOREAL	7.0	3.0	4.2	5.7	4.4
ORACLE	5.7	3.7	3.8	4.0	3.9
LSD VALUE	2.2	0.9	1.6	1.8	1.4
C.V. (%)	19.5	7.5	13.8	22.3	15.4

TABLE 26B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
SR 5130 (SRX 51G)	8.7	9.0	8.2	5.0	7.7
AMBASSADOR	8.7	8.0	8.3	5.0	7.5
COMPASS (ACF 188)	6.7	9.0	7.8	5.7	7.4
DP 77-9885	8.3	8.0	7.5	5.7	7.3
ZODIAC (BUR 4601)	8.0	8.3	8.5	3.7	7.2
TREAZURE II (PST-4TZ)	8.7	8.3	8.0	3.7	7.1
LONGFELLOW II	9.0	7.0	7.8	4.7	7.0
LACROSSE (IS-FRC 17)	7.7	8.0	7.8	4.0	7.0
J-5 (JAMESTOWN 5)	6.7	7.7	7.5	5.0	6.8
7 SEAS	7.7	7.0	6.7	5.3	6.5
DP 77-9886	6.0	7.7	7.7	3.7	6.5
CASCADE	7.7	6.7	7.3	3.3	6.2
MUSICA	5.7	7.0	7.7	3.0	6.1
CULUMBRA II (ACF 174)	7.3	7.0	5.7	4.7	5.9
LSD VALUE	2.1	0.7	1.7	1.6	1.4
C.V. (%)	17.4	5.6	13.8	22.5	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/ DOLLAR SPOT RATED AT "MA1" IN 2005, AT "MD1" IN 2004, AT "PA1" IN 2005-06, AND AT "VA1" IN 2007.

TABLE 26C. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
EPIC (5001)	8.7	8.0	8.8	6.7	8.1
GARNET (PICK CRF 1-03)	8.0	7.3	8.3	7.3	7.8
CARDINAL (IS-FRR 30)	8.3	7.7	8.7	5.3	7.6
WENDY JEAN (C03-RCE)	7.3	7.7	8.5	6.0	7.5
DLF-RCM	9.0	6.3	8.2	6.3	7.4
DP 77-9360	8.7	7.7	8.2	5.7	7.4
DP 77-9578	7.3	7.0	7.7	7.0	7.3
CLASS ONE (IS-FRR 29)	7.7	7.3	7.8	6.0	7.3
FORTITUDE (TL 53)	7.0	8.0	8.0	5.7	7.2
PATHFINDER	7.3	6.7	8.3	5.7	7.2
PST-8000	7.0	7.0	8.7	5.0	7.2
C-SMX	8.7	6.7	8.0	5.3	7.1
TL1	7.3	6.3	7.3	6.3	6.8
DP 77-9579	6.3	6.7	6.8	7.3	6.8
SPLENDOR (ASC 245)	6.0	6.3	6.3	6.7	6.3
BMXC-S02	7.0	7.0	5.7	6.0	6.2
IS-FRR 23	6.7	5.3	4.8	6.3	5.5
AUDUBON	5.3	6.0	5.0	5.3	5.4
CELESTIAL	4.7	6.0	5.8	4.7	5.3
C03-4676	4.3	5.7	5.2	5.3	5.1
JASPER II	4.7	4.7	5.0	5.0	5.0
RAZOR	4.0	6.0	4.2	4.7	4.6
SHADEMASTER	5.3	5.0	3.3	5.7	4.5
BOREAL	7.0	3.0	4.2	5.7	4.4
ORACLE	5.7	3.7	3.8	4.0	3.9
LSD VALUE	2.2	0.9	1.5	1.8	1.4
C.V. (%)	20.6	8.9	14.2	19.5	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/ DOLLAR SPOT RATED AT "MA1" IN 2005, AT "MD1" IN 2004, AT "PA1" IN 2005-06, AND AT "VA1" IN 2007.

TABLE 26D. DOLLAR SPOT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
GOTHAM (IS-FL 28)	7.7	9.0	8.3	5.0	7.6
RELIANT IV (A01630REL)	8.0	8.3	8.7	5.0	7.5
BERKSHIRE	8.0	8.7	8.0	5.3	7.5
SPARTAN II (PICK HF #2)	8.3	8.7	8.3	4.0	7.3
FIREFLY (SPM)	8.3	8.3	7.8	5.0	7.3
QUATRO	8.3	8.3	8.0	4.7	7.3
SCALDIS	6.3	8.3	8.3	4.0	7.0
PREDATOR	7.7	8.7	7.8	3.7	7.0
OXFORD	7.0	8.3	8.2	3.7	6.9
SR 3000	6.3	8.0	8.2	3.7	6.8
SRX 3K	6.7	8.3	7.8	3.3	6.6
LSD VALUE	2.4	0.8	1.4	2.0	1.4
C.V. (%)	19.9	6.2	10.8	28.9	15.4

TABLE 26E. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	MA1	MD1	PA1	VA1	MEAN
SHORELINE (SRX 55R)	5.3	5.0	6.2	5.0	5.5
SEABREEZE	6.7	6.7	5.5	4.0	5.5
DAWSON E	6.0	5.0	4.2	4.7	4.8
LSD VALUE	1.8	1.1	1.9	1.9	1.7
C.V. (%)	18.4	12.0	22.7	26.4	21.3

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 "MA1" IN 2005, AT "MD1" IN 2004, AT "PA1" IN 2005-06, AND AT "VA1" IN 2007.

TABLE 27A.

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
GOTHAM (IS-FL 28)	8.3	8.7	8.3	7.8	7.7	8.3	8.7	8.0	5.7	7.9
RELIANT IV (A01630REL)	8.3	8.7	9.0	8.0	5.7	7.3	8.7	8.3	5.8	7.8
BERKSHIRE	9.0	8.2	8.3	8.3	5.0	8.0	9.0	8.3	4.7	7.8
SPARTAN II (PICK HF #2)	7.7	8.7	9.0	8.8	7.0	7.3	9.0	7.3	5.7	7.7
OXFORD	8.0	8.3	8.0	7.8	6.7	8.3	8.7	7.7	6.2	7.7
FIREFLY (SPM)	8.0	8.7	8.3	7.0	6.3	8.0	9.0	8.0	6.3	7.7
FORTITUDE (TL 53)	8.7	8.8	7.7	8.5	7.7	8.0	5.0	7.7	5.3	7.7
PREDATOR	7.7	8.5	8.3	8.0	5.7	9.0	8.7	7.7	5.7	7.6
SRX 3K	8.3	8.0	7.0	8.3	6.3	9.0	8.3	5.7	5.3	7.5
MUSICA	9.0	8.7	4.7	7.7	7.0	8.3	5.0	8.3	4.8	7.4
EPIC (5001)	8.3	8.3	7.7	8.3	7.0	8.7	4.0	6.0	5.3	7.4
SR 3000	8.0	8.3	7.7	7.3	5.7	8.3	8.3	7.3	5.2	7.4
CARDINAL (IS-FRR 30)	8.3	8.5	8.0	8.5	6.0	8.7	2.0	7.0	4.8	7.3
DP 77-9360	8.7	8.5	6.7	7.3	5.3	8.3	4.7	6.0	5.5	7.2
ZODIAC (BUR 4601)	8.7	8.2	5.0	8.8	8.3	7.7	4.3	5.7	4.3	7.2
SR 5130 (SRX 51G)	9.0	8.3	5.3	8.0	7.7	7.0	4.0	6.7	4.7	7.2
DLF-RCM	8.7	8.0	5.3	8.5	7.0	8.0	3.0	6.0	5.2	7.2
WENDY JEAN (C03-RCE)	8.7	8.0	6.3	8.5	6.0	8.7	3.7	6.0	4.0	7.1
TREAZURE II (PST-4TZ)	9.0	8.3	6.0	8.5	5.3	7.7	3.0	5.3	4.7	7.1
QUATRO	8.7	9.0	8.3	6.5	5.0	7.7	3.3	8.3	4.0	7.0
SCALDIS	7.7	8.0	7.0	7.5	7.3	8.3	6.3	7.0	4.0	7.0
LONGFELLOW II	9.0	6.5	4.7	8.2	6.7	8.0	4.3	7.0	4.7	7.0
J-5 (JAMESTOWN 5)	8.7	7.5	4.7	7.7	5.7	7.3	6.0	6.3	4.5	6.9
GARNET (PICK CRF 1-03)	9.0	7.7	5.7	8.5	6.3	7.0	1.3	6.0	4.5	6.9
AMBASSADOR	8.3	7.8	5.0	8.8	5.0	6.7	3.3	6.3	5.0	6.9
PST-8000	8.3	7.8	6.3	8.7	6.7	7.3	2.0	5.3	4.7	6.9
CLASS ONE (IS-FRR 29)	8.0	8.3	5.3	8.8	4.7	8.3	4.3	4.7	4.5	6.9
7 SEAS	8.7	7.7	4.0	7.8	6.0	7.7	3.7	6.0	4.3	6.8
DP 77-9885	8.7	7.5	4.3	8.3	5.7	7.0	2.3	6.0	4.7	6.7
COMPASS (ACF 188)	8.3	7.5	4.7	8.0	4.7	8.0	2.0	6.7	4.8	6.7
DP 77-9886	8.7	7.7	3.7	7.5	6.7	7.7	2.3	6.0	4.3	6.7
CULUMBRA II (ACF 174)	8.7	8.0	4.0	7.3	6.3	6.7	3.0	6.0	4.7	6.7
CELESTIAL	8.3	7.7	4.3	8.3	3.7	6.0	5.7	6.0	4.7	6.7
CASCADE	8.7	7.3	3.3	7.3	6.0	7.3	3.3	6.7	4.3	6.6
LACROSSE (IS-FRC 17)	8.7	8.0	4.0	8.2	6.3	6.3	3.3	4.7	4.2	6.6
PATHFINDER	8.0	7.0	5.3	7.5	5.3	7.0	2.3	6.3	5.0	6.5
SPLENDOR (ASC 245)	8.7	7.0	4.3	8.2	5.7	6.3	3.0	4.0	4.2	6.4
DP 77-9578	7.7	7.2	5.0	7.7	5.3	7.0	2.3	6.3	4.3	6.4
DP 77-9579	7.7	8.0	4.0	7.7	4.7	6.0	2.0	6.7	4.7	6.3
C-SMX	8.3	7.3	4.3	7.7	5.7	5.3	3.7	5.3	3.8	6.3
DAWSON E	7.3	7.7	3.7	5.7	6.7	6.7	4.0	6.7	4.3	6.1
RAZOR	7.7	7.3	3.7	7.3	5.3	4.3	1.7	6.3	5.5	6.1
AUDUBON	7.7	6.5	3.7	7.8	6.3	5.7	1.7	7.0	4.0	6.1
BMXC-S02	7.7	6.7	3.7	8.2	6.3	5.0	2.0	5.0	4.5	6.1
SHORELINE (SRX 55R)	7.0	7.3	3.3	6.7	6.7	5.3	3.7	6.0	5.2	6.1
SEABREEZE	7.3	6.0	4.3	6.8	6.0	6.3	3.7	5.7	4.7	6.0

TABLE 27A. (CONT'D)

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
TL1	7.3	6.3	4.7	7.7	5.0	6.0	1.0	6.7	4.5	6.0
JASPER II	7.7	6.5	3.3	7.8	3.3	4.3	3.3	6.3	4.0	5.9
ORACLE	7.3	7.2	2.7	7.7	4.3	4.7	2.0	4.3	4.0	5.7
IS-FRR 23	6.7	6.2	3.3	8.2	4.7	6.7	1.3	5.3	3.7	5.6
SHADEMASTER	7.0	6.0	5.0	6.2	3.3	6.3	3.3	5.0	3.5	5.5
BOREAL	5.7	7.7	3.3	7.0	6.0	5.0	3.7	5.0	3.2	5.4
C03-4676	5.3	6.3	3.0	6.8	3.7	5.7	3.0	3.7	3.5	5.0
LSD VALUE	1.5	1.7	1.5	1.6	2.2	1.6	1.7	1.8	1.5	1.0
C.V. (%)	11.3	13.5	16.9	13.1	23.1	13.8	25.5	18.2	19.8	15.2

TABLE 27B.

RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
MUSICA	9.0	8.7	4.7	7.7	7.0	8.3	5.0	8.3	4.8	7.4
ZODIAC (BUR 4601)	8.7	8.2	5.0	8.8	8.3	7.7	4.3	5.7	4.3	7.2
SR 5130 (SRX 51G)	9.0	8.3	5.3	8.0	7.7	7.0	4.0	6.7	4.7	7.2
TREAZURE II (PST-4TZ)	9.0	8.3	6.0	8.5	5.3	7.7	3.0	5.3	4.7	7.1
LONGFELLOW II	9.0	6.5	4.7	8.2	6.7	8.0	4.3	7.0	4.7	7.0
J-5 (JAMESTOWN 5)	8.7	7.5	4.7	7.7	5.7	7.3	6.0	6.3	4.5	6.9
AMBASSADOR	8.3	7.8	5.0	8.8	5.0	6.7	3.3	6.3	5.0	6.9
7 SEAS	8.7	7.7	4.0	7.8	6.0	7.7	3.7	6.0	4.3	6.8
DP 77-9885	8.7	7.5	4.3	8.3	5.7	7.0	2.3	6.0	4.7	6.7
COMPASS (ACF 188)	8.3	7.5	4.7	8.0	4.7	8.0	2.0	6.7	4.8	6.7
DP 77-9886	8.7	7.7	3.7	7.5	6.7	7.7	2.3	6.0	4.3	6.7
CULUMBRA II (ACF 174)	8.7	8.0	4.0	7.3	6.3	6.7	3.0	6.0	4.7	6.7
CASCADE	8.7	7.3	3.3	7.3	6.0	7.3	3.3	6.7	4.3	6.6
LACROSSE (IS-FRC 17)	8.7	8.0	4.0	8.2	6.3	6.3	3.3	4.7	4.2	6.6
LSD VALUE	0.8	1.4	1.5	1.8	2.4	1.7	1.1	2.0	1.6	0.9
C.V. (%)	5.6	11.3	20.2	13.8	24.0	14.2	19.3	19.6	22.4	14.0

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 27C.

RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
FORTITUDE (TL 53)	8.7	8.8	7.7	8.5	7.7	8.0	5.0	7.7	5.3	7.7
EPIC (5001)	8.3	8.3	7.7	8.3	7.0	8.7	4.0	6.0	5.3	7.4
CARDINAL (IS-FRR 30)	8.3	8.5	8.0	8.5	6.0	8.7	2.0	7.0	4.8	7.3
DP 77-9360	8.7	8.5	6.7	7.3	5.3	8.3	4.7	6.0	5.5	7.2
DLF-RCM	8.7	8.0	5.3	8.5	7.0	8.0	3.0	6.0	5.2	7.2
WENDY JEAN (C03-RCE)	8.7	8.0	6.3	8.5	6.0	8.7	3.7	6.0	4.0	7.1
GARNET (PICK CRF 1-03)	9.0	7.7	5.7	8.5	6.3	7.0	1.3	6.0	4.5	6.9
PST-8000	8.3	7.8	6.3	8.7	6.7	7.3	2.0	5.3	4.7	6.9
CLASS ONE (IS-FRR 29)	8.0	8.3	5.3	8.8	4.7	8.3	4.3	4.7	4.5	6.9
CELESTIAL	8.3	7.7	4.3	8.3	3.7	6.0	5.7	6.0	4.7	6.7
PATHFINDER	8.0	7.0	5.3	7.5	5.3	7.0	2.3	6.3	5.0	6.5
SPLENDOR (ASC 245)	8.7	7.0	4.3	8.2	5.7	6.3	3.0	4.0	4.2	6.4
DP 77-9578	7.7	7.2	5.0	7.7	5.3	7.0	2.3	6.3	4.3	6.4
DP 77-9579	7.7	8.0	4.0	7.7	4.7	6.0	2.0	6.7	4.7	6.3
C-SMX	8.3	7.3	4.3	7.7	5.7	5.3	3.7	5.3	3.8	6.3
RAZOR	7.7	7.3	3.7	7.3	5.3	4.3	1.7	6.3	5.5	6.1
AUDUBON	7.7	6.5	3.7	7.8	6.3	5.7	1.7	7.0	4.0	6.1
BMXC-S02	7.7	6.7	3.7	8.2	6.3	5.0	2.0	5.0	4.5	6.1
TL1	7.3	6.3	4.7	7.7	5.0	6.0	1.0	6.7	4.5	6.0
JASPER II	7.7	6.5	3.3	7.8	3.3	4.3	3.3	6.3	4.0	5.9
ORACLE	7.3	7.2	2.7	7.7	4.3	4.7	2.0	4.3	4.0	5.7
IS-FRR 23	6.7	6.2	3.3	8.2	4.7	6.7	1.3	5.3	3.7	5.6
SHADEMASTER	7.0	6.0	5.0	6.2	3.3	6.3	3.3	5.0	3.5	5.5
BOREAL	5.7	7.7	3.3	7.0	6.0	5.0	3.7	5.0	3.2	5.4
C03-4676	5.3	6.3	3.0	6.8	3.7	5.7	3.0	3.7	3.5	5.0
LSD VALUE	1.8	2.0	1.5	1.5	2.1	1.7	2.0	1.9	1.4	1.1
C.V. (%)	14.5	16.8	19.0	11.7	24.0	16.1	43.6	20.9	19.2	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.

TABLE 27D. RED THREAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/									
	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
GOTHAM (IS-FL 28)	8.3	8.7	8.3	7.8	7.7	8.3	8.7	8.0	5.7	7.9
RELIANT IV (A01630REL)	8.3	8.7	9.0	8.0	5.7	7.3	8.7	8.3	5.8	7.8
BERKSHIRE	9.0	8.2	8.3	8.3	5.0	8.0	9.0	8.3	4.7	7.8
SPARTAN II (PICK HF #2)	7.7	8.7	9.0	8.8	7.0	7.3	9.0	7.3	5.7	7.7
OXFORD	8.0	8.3	8.0	7.8	6.7	8.3	8.7	7.7	6.2	7.7
FIREFLY (SPM)	8.0	8.7	8.3	7.0	6.3	8.0	9.0	8.0	6.3	7.7
PREDATOR	7.7	8.5	8.3	8.0	5.7	9.0	8.7	7.7	5.7	7.6
SRX 3K	8.3	8.0	7.0	8.3	6.3	9.0	8.3	5.7	5.3	7.5
SR 3000	8.0	8.3	7.7	7.3	5.7	8.3	8.3	7.3	5.2	7.4
QUATRO	8.7	9.0	8.3	6.5	5.0	7.7	3.3	8.3	4.0	7.0
SCALDIS	7.7	8.0	7.0	7.5	7.3	8.3	6.3	7.0	4.0	7.0
LSD VALUE	1.1	0.9	1.4	1.5	2.3	1.0	1.3	1.2	1.5	0.8
C.V. (%)	8.5	6.8	10.5	11.9	22.6	7.7	9.7	9.4	17.4	11.0

TABLE 27E. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/									
	IN1	MA1	MD1	ME1	NJ1	PA1	RI1	VA1	WA3	MEAN
DAWSON E	7.3	7.7	3.7	5.7	6.7	6.7	4.0	6.7	4.3	6.1
SHORELINE (SRX 55R)	7.0	7.3	3.3	6.7	6.7	5.3	3.7	6.0	5.2	6.1
SEABREEZE	7.3	6.0	4.3	6.8	6.0	6.3	3.7	5.7	4.7	6.0
LSD VALUE	1.8	1.8	1.6	2.5	1.2	1.6	2.6	2.4	1.6	1.2
C.V. (%)	15.3	16.3	26.5	24.1	11.6	16.4	42.3	24.4	21.1	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 28A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1
FIREFLY (SPM)	9.0
OXFORD	9.0
SCALDIS	9.0
BERKSHIRE	8.7
GOTHAM (IS-FL 28)	8.7
SRX 3K	8.7
AUDUBON	8.3
PREDATOR	8.3
DAWSON E	8.0
C03-4676	7.7
GARNET (PICK CRF 1-03)	7.7
SEABREEZE	7.7
SPARTAN II (PICK HF #2)	7.7
SR 3000	7.7
TL1	7.7
BOREAL	7.3
COMPASS (ACF 188)	7.3
DLF-RCM	7.3
DP 77-9579	7.3
RELIANT IV (A01630REL)	7.3
CELESTIAL	7.0
CLASS ONE (IS-FRR 29)	7.0
QUATRO	7.0
AMBASSADOR	6.7
EPIC (5001)	6.7
LONGFELLOW II	6.7
PATHFINDER	6.7
RAZOR	6.7
SHORELINE (SRX 55R)	6.7
DP 77-9360	6.5
C-SMX	6.3
DP 77-9886	6.3
J-5 (JAMESTOWN 5)	6.3
PST-8000	6.3
WENDY JEAN (C03-RCE)	6.3
ZODIAC (BUR 4601)	6.3
CULUMBRA II (ACF 174)	6.0
FORTITUDE (TL 53)	6.0
IS-FRR 23	6.0
JASPER II	6.0
TREAZURE II (PST-4TZ)	6.0
7 SEAS	5.7
CARDINAL (IS-FRR 30)	5.7
DP 77-9578	5.7
ORACLE	5.7
BMXC-S02	5.3

TABLE 28A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

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

NAME	ME1
CASCADE	5.3
SR 5130 (SRX 51G)	5.3
LACROSSE (IS-FRC 17)	4.7
MUSICA	4.7
SHADEMASTER	4.7
SPLENDOR (ASC 245)	4.3
DP 77-9885	3.3
LSD VALUE	3.1
C.V. (%)	28.3

TABLE 28B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1
COMPASS (ACF 188)	7.3
AMBASSADOR	6.7
LONGFELLOW II	6.7
DP 77-9886	6.3
J-5 (JAMESTOWN 5)	6.3
ZODIAC (BUR 4601)	6.3
CULUMBRA II (ACF 174)	6.0
TREAZURE II (PST-4TZ)	6.0
7 SEAS	5.7
CASCADE	5.3
SR 5130 (SRX 51G)	5.3
LACROSSE (IS-FRC 17)	4.7
MUSICA	4.7
DP 77-9885	3.3
LSD VALUE	4.0
C.V. (%)	42.8

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 2005 ONLY.

TABLE 28C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1
AUDUBON	8.3
C03-4676	7.7
GARNET (PICK CRF 1-03)	7.7
TL1	7.7
BOREAL	7.3
DLF-RCM	7.3
DP 77-9579	7.3
CELESTIAL	7.0
CLASS ONE (IS-FRR 29)	7.0
EPIC (5001)	6.7
PATHFINDER	6.7
RAZOR	6.7
DP 77-9360	6.5
C-SMX	6.3
PST-8000	6.3
WENDY JEAN (C03-RCE)	6.3
FORTITUDE (TL 53)	6.0
IS-FRR 23	6.0
JASPER II	6.0
CARDINAL (IS-FRR 30)	5.7
DP 77-9578	5.7
ORACLE	5.7
BMXC-S02	5.3
SHADEMASTER	4.7
SPLENDOR (ASC 245)	4.3
LSD VALUE	2.9
C.V. (%)	27.6

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 RATED IN 2005 ONLY.

TABLE 28D. BROWN PATCH (WARM TEMPERATURE) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1
FIREFLY (SPM)	9.0
OXFORD	9.0
SCALDIS	9.0
BERKSHIRE	8.7
GOTHAM (IS-FL 28)	8.7
SRX 3K	8.7
PREDATOR	8.3
SPARTAN II (PICK HF #2)	7.7
SR 3000	7.7
RELIANT IV (A01630REL)	7.3
QUATRO	7.0
LSD VALUE	2.0
C.V. (%)	14.7

TABLE 28E. BROWN PATCH (WARM TEMPERATURE) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	ME1
DAWSON E	8.0
SEABREEZE	7.7
SHORELINE (SRX 55R)	6.7
LSD VALUE	2.9
C.V. (%)	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/ BROWN PATCH RATED IN 2005 ONLY.

TABLE 29A. SUMMER PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
CARDINAL (IS-FRR 30)	7.7	9.0	8.3
DP 77-9885	8.3	8.3	8.3
GARNET (PICK CRF 1-03)	7.3	9.0	8.2
ZODIAC (BUR 4601)	7.7	8.3	8.0
7 SEAS	7.7	8.0	7.8
DP 77-9886	7.3	8.3	7.8
SR 5130 (SRX 51G)	7.0	8.7	7.8
FORTITUDE (TL 53)	6.7	8.7	7.7
CLASS ONE (IS-FRR 29)	6.3	8.7	7.5
DP 77-9578	6.3	8.7	7.5
WENDY JEAN (C03-RCE)	6.3	8.7	7.5
LACROSSE (IS-FRC 17)	6.3	8.3	7.3
PATHFINDER	7.0	7.7	7.3
BMXC-S02	6.0	8.7	7.3
AUDUBON	6.0	8.3	7.2
C-SMX	5.7	8.7	7.2
DP 77-9360	5.7	8.7	7.2
TL1	5.7	8.7	7.2
DP 77-9579	5.3	8.7	7.0
EPIC (5001)	5.3	8.7	7.0
COMPASS (ACF 188)	6.0	7.7	6.8
DLF-RCM	5.7	8.0	6.8
JASPER II	5.3	8.3	6.8
PST-8000	5.7	8.0	6.8
CELESTIAL	5.0	8.7	6.8
RAZOR	5.0	8.3	6.7
SHORELINE (SRX 55R)	5.0	8.3	6.7
AMBASSADOR	4.3	8.7	6.5
LONGFELLOW II	5.3	7.7	6.5
IS-FRR 23	3.7	8.3	6.0
CULUMBRA II (ACF 174)	5.3	6.3	5.8
SPLENDOR (ASC 245)	3.0	8.7	5.8
C03-4676	4.7	6.7	5.7
SPARTAN II (PICK HF #2)	4.3	7.0	5.7
J-5 (JAMESTOWN 5)	4.3	6.7	5.5
SHADEMASTER	3.7	6.7	5.2
CASCADE	3.7	6.3	5.0
ORACLE	2.0	8.0	5.0
RELIANT IV (A01630REL)	4.3	5.7	5.0
TREAZURE II (PST-4TZ)	5.3	4.7	5.0
OXFORD	4.0	5.7	4.8
GOTHAM (IS-FL 28)	4.0	5.3	4.7
SRX 3K	2.0	7.3	4.7
PREDATOR	2.7	6.3	4.5
SEABREEZE	2.3	6.3	4.3
BOREAL	1.7	6.7	4.2

TABLE 29A. SUMMER PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
MUSICA	3.3	4.0	3.7
DAWSON E	2.3	4.7	3.5
SR 3000	2.7	4.3	3.5
FIREFLY (SPM)	3.0	3.7	3.3
QUATRO	2.3	3.7	3.0
BERKSHIRE	2.7	2.7	2.7
SCALDIS	1.7	2.3	2.0
LSD VALUE	1.8	2.5	2.2
C.V. (%)	23.6	21.6	22.6

TABLE 29B. SUMMER PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
DP 77-9885	8.3	8.3	8.3
ZODIAC (BUR 4601)	7.7	8.3	8.0
7 SEAS	7.7	8.0	7.8
DP 77-9886	7.3	8.3	7.8
SR 5130 (SRX 51G)	7.0	8.7	7.8
LACROSSE (IS-FRC 17)	6.3	8.3	7.3
COMPASS (ACF 188)	6.0	7.7	6.8
AMBASSADOR	4.3	8.7	6.5
LONGFELLOW II	5.3	7.7	6.5
CULUMBRA II (ACF 174)	5.3	6.3	5.8
J-5 (JAMESTOWN 5)	4.3	6.7	5.5
CASCADE	3.7	6.3	5.0
TREAZURE II (PST-4TZ)	5.3	4.7	5.0
MUSICA	3.3	4.0	3.7
LSD VALUE	2.0	2.7	2.3
C.V. (%)	21.4	22.6	22.0

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/ SUMMER PATCH RATED AT "NJ1" IN 2004, AND AT "PA1" IN 2006.

TABLE 29C. SUMMER PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
CARDINAL (IS-FRR 30)	7.7	9.0	8.3
GARNET (PICK CRF 1-03)	7.3	9.0	8.2
FORTITUDE (TL 53)	6.7	8.7	7.7
CLASS ONE (IS-FRR 29)	6.3	8.7	7.5
DP 77-9578	6.3	8.7	7.5
WENDY JEAN (C03-RCE)	6.3	8.7	7.5
PATHFINDER	7.0	7.7	7.3
BMXC-S02	6.0	8.7	7.3
AUDUBON	6.0	8.3	7.2
C-SMX	5.7	8.7	7.2
DP 77-9360	5.7	8.7	7.2
TL1	5.7	8.7	7.2
DP 77-9579	5.3	8.7	7.0
EPIC (5001)	5.3	8.7	7.0
DLF-RCM	5.7	8.0	6.8
JASPER II	5.3	8.3	6.8
PST-8000	5.7	8.0	6.8
CELESTIAL	5.0	8.7	6.8
RAZOR	5.0	8.3	6.7
IS-FRR 23	3.7	8.3	6.0
SPLENDOR (ASC 245)	3.0	8.7	5.8
C03-4676	4.7	6.7	5.7
SHADEMASTER	3.7	6.7	5.2
ORACLE	2.0	8.0	5.0
BOREAL	1.7	6.7	4.2
LSD VALUE	1.8	1.6	1.7
C.V. (%)	21.0	11.8	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.
- 3/ SUMMER PATCH RATED AT "NJ1" IN 2004, AND AT "PA1" IN 2006.

TABLE 29D. SUMMER PATCH RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
SPARTAN II (PICK HF #2)	4.3	7.0	5.7
RELIANT IV (A01630REL)	4.3	5.7	5.0
OXFORD	4.0	5.7	4.8
GOTHAM (IS-FL 28)	4.0	5.3	4.7
SRX 3K	2.0	7.3	4.7
PREDATOR	2.7	6.3	4.5
SR 3000	2.7	4.3	3.5
FIREFLY (SPM)	3.0	3.7	3.3
QUATRO	2.3	3.7	3.0
BERKSHIRE	2.7	2.7	2.7
SCALDIS	1.7	2.3	2.0
LSD VALUE	1.8	3.6	2.7
C.V. (%)	37.3	45.3	41.3

TABLE 29E. SUMMER PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

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

NAME	NJ1	PA1	MEAN
SHORELINE (SRX 55R)	5.0	8.3	6.7
SEABREEZE	2.3	6.3	4.3
DAWSON E	2.3	4.7	3.5
LSD VALUE	1.5	3.3	2.4
C.V. (%)	29.3	32.3	30.8

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/ SUMMER PATCH RATED AT "NJ1" IN 2004, AND AT "PA1" IN 2006.

TABLE 30A. PYTHIUM BLIGHT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
FIREFLY (SPM)	8.3
OXFORD	8.3
SRX 3K	8.3
GOTHAM (IS-FL 28)	8.0
PREDATOR	8.0
SCALDIS	8.0
SR 3000	8.0
BERKSHIRE	7.7
BOREAL	7.7
DP 77-9578	7.7
RELIANT IV (A01630REL)	7.7
SPARTAN II (PICK HF #2)	7.7
WENDY JEAN (C03-RCE)	7.7
CARDINAL (IS-FRR 30)	7.3
IS-FRR 23	7.3
ORACLE	7.3
QUATRO	7.3
SEABREEZE	7.3
SHADEMASTER	7.3
SPLENDOR (ASC 245)	7.3
AUDUBON	7.0
CLASS ONE (IS-FRR 29)	7.0
DP 77-9579	7.0
EPIC (5001)	7.0
SHORELINE (SRX 55R)	7.0
TL1	7.0
TREAZURE II (PST-4TZ)	7.0
C-SMX	6.7
CELESTIAL	6.7
DLF-RCM	6.3
JASPER II	6.3
PST-8000	6.3
RAZOR	6.3
FORTITUDE (TL 53)	6.0
PATHFINDER	6.0
BMXC-S02	5.7
GARNET (PICK CRF 1-03)	5.7
C03-4676	5.3
DAWSON E	5.3
DP 77-9885	5.3
SR 5130 (SRX 51G)	5.3
COMPASS (ACF 188)	5.0
7 SEAS	4.7
CASCADE	4.7
J-5 (JAMESTOWN 5)	4.7
MUSICA	4.7

TABLE 30A. PYTHIUM BLIGHT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
LACROSSE (IS-FRC 17)	4.3
ZODIAC (BUR 4601)	4.3
CULUMBRA II (ACF 174)	3.7
DP 77-9360	3.7
DP 77-9886	3.7
LONGFELLOW II	3.7
AMBASSADOR	2.7
LSD VALUE	2.4
C.V. (%)	23.4

TABLE 30B. PYTHIUM BLIGHT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
TREAZURE II (PST-4TZ)	7.0
DP 77-9885	5.3
SR 5130 (SRX 51G)	5.3
COMPASS (ACF 188)	5.0
7 SEAS	4.7
CASCADE	4.7
J-5 (JAMESTOWN 5)	4.7
MUSICA	4.7
LACROSSE (IS-FRC 17)	4.3
ZODIAC (BUR 4601)	4.3
CULUMBRA II (ACF 174)	3.7
DP 77-9886	3.7
LONGFELLOW II	3.7
AMBASSADOR	2.7
LSD VALUE	3.4
C.V. (%)	46.6

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 2005 ONLY.

TABLE 30C. PYTHIUM BLIGHT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
BOREAL	7.7
DP 77-9578	7.7
WENDY JEAN (C03-RCE)	7.7
CARDINAL (IS-FRR 30)	7.3
IS-FRR 23	7.3
ORACLE	7.3
SHADEMASTER	7.3
SPLENDOR (ASC 245)	7.3
AUDUBON	7.0
CLASS ONE (IS-FRR 29)	7.0
DP 77-9579	7.0
EPIC (5001)	7.0
TL1	7.0
C-SMX	6.7
CELESTIAL	6.7
DLF-RCM	6.3
JASPER II	6.3
PST-8000	6.3
RAZOR	6.3
FORTITUDE (TL 53)	6.0
PATHFINDER	6.0
BMXC-S02	5.7
GARNET (PICK CRF 1-03)	5.7
C03-4676	5.3
DP 77-9360	3.7
LSD VALUE	2.1
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/ PYTHIUM BLIGHT RATED IN 2005 ONLY.

TABLE 30D. PYTHIUM BLIGHT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
FIREFLY (SPM)	8.3
OXFORD	8.3
SRX 3K	8.3
GOTHAM (IS-FL 28)	8.0
PREDATOR	8.0
SCALDIS	8.0
SR 3000	8.0
BERKSHIRE	7.7
RELIANT IV (A01630REL)	7.7
SPARTAN II (PICK HF #2)	7.7
QUATRO	7.3
LSD VALUE	1.2
C.V. (%)	9.6

TABLE 30E. PYTHIUM BLIGHT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 3/

NAME	MA1
SEABREEZE	7.3
SHORELINE (SRX 55R)	7.0
DAWSON E	5.3
LSD VALUE	1.8
C.V. (%)	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/ PYTHIUM BLIGHT RATED IN 2005 ONLY.

TABLE 31A. PINK PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
EPIC (5001)	8.0
SPARTAN II (PICK HF #2)	8.0
GOTHAM (IS-FL 28)	7.7
RELIANT IV (A01630REL)	7.7
DP 77-9360	7.0
FIREFLY (SPM)	7.0
COMPASS (ACF 188)	6.7
PREDATOR	6.7
SPLENDOR (ASC 245)	6.7
DLF-RCM	6.3
OXFORD	6.3
CULUMBRA II (ACF 174)	6.0
LONGFELLOW II	6.0
SR 5130 (SRX 51G)	6.0
ZODIAC (BUR 4601)	6.0
BERKSHIRE	5.7
DP 77-9885	5.7
FORTITUDE (TL 53)	5.7
MUSICA	5.7
SR 3000	5.7
SRX 3K	5.7
AMBASSADOR	5.3
BMXC-S02	5.3
PST-8000	5.3
QUATRO	5.3
7 SEAS	5.0
CARDINAL (IS-FRR 30)	5.0
CLASS ONE (IS-FRR 29)	5.0
J-5 (JAMESTOWN 5)	5.0
RAZOR	5.0
TL1	5.0
CELESTIAL	4.7
GARNET (PICK CRF 1-03)	4.7
LACROSSE (IS-FRC 17)	4.7
WENDY JEAN (C03-RCE)	4.7
C-SMX	4.3
CASCADE	4.3
DP 77-9579	4.3
DP 77-9886	4.3
JASPER II	4.3
TREAZURE II (PST-4TZ)	4.3
AUDUBON	4.0
DP 77-9578	4.0
SCALDIS	4.0
SHORELINE (SRX 55R)	4.0
ORACLE	3.7

TABLE 31A. PINK PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
PATHFINDER	3.7
SEABREEZE	3.7
C03-4676	3.3
DAWSON E	3.3
BOREAL	3.0
IS-FRR 23	2.7
SHADEMASTER	2.7
LSD VALUE	1.5
C.V. (%)	18.1

TABLE 31B. PINK PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
COMPASS (ACF 188)	6.7
CULUMBRA II (ACF 174)	6.0
LONGFELLOW II	6.0
SR 5130 (SRX 51G)	6.0
ZODIAC (BUR 4601)	6.0
DP 77-9885	5.7
MUSICA	5.7
AMBASSADOR	5.3
7 SEAS	5.0
J-5 (JAMESTOWN 5)	5.0
LACROSSE (IS-FRC 17)	4.7
CASCADE	4.3
DP 77-9886	4.3
TREAZURE II (PST-4TZ)	4.3
LSD VALUE	1.8
C.V. (%)	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/ PINK PATCH RATED IN 2007 ONLY.

TABLE 31C. PINK PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
EPIC (5001)	8.0
DP 77-9360	7.0
SPLENDOR (ASC 245)	6.7
DLF-RCM	6.3
FORTITUDE (TL 53)	5.7
BMXC-S02	5.3
PST-8000	5.3
CARDINAL (IS-FRR 30)	5.0
CLASS ONE (IS-FRR 29)	5.0
RAZOR	5.0
TL1	5.0
CELESTIAL	4.7
GARNET (PICK CRF 1-03)	4.7
WENDY JEAN (C03-RCE)	4.7
C-SMX	4.3
DP 77-9579	4.3
JASPER II	4.3
AUDUBON	4.0
DP 77-9578	4.0
ORACLE	3.7
PATHFINDER	3.7
C03-4676	3.3
BOREAL	3.0
IS-FRR 23	2.7
SHADEMASTER	2.7
LSD VALUE	1.4
C.V. (%)	18.6

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/ PINK PATCH RATED IN 2007 ONLY.

TABLE 31D. PINK PATCH RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
SPARTAN II (PICK HF #2)	8.0
GOTHAM (IS-FL 28)	7.7
RELIANT IV (A01630REL)	7.7
FIREFLY (SPM)	7.0
PREDATOR	6.7
OXFORD	6.3
BERKSHIRE	5.7
SR 3000	5.7
SRX 3K	5.7
QUATRO	5.3
SCALDIS	4.0
LSD VALUE	1.4
C.V. (%)	14.0

TABLE 31E. PINK PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

PINK PATCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	PA1
SHORELINE (SRX 55R)	4.0
SEABREEZE	3.7
DAWSON E	3.3
LSD VALUE	1.2
C.V. (%)	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.

3/ PINK PATCH RATED IN 2007 ONLY.

TABLE 32A. CUTWORM RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
DP 77-9360	7.3
SPARTAN II (PICK HF #2)	7.3
FORTITUDE (TL 53)	7.0
GOTHAM (IS-FL 28)	6.3
PATHFINDER	6.3
CARDINAL (IS-FRR 30)	6.0
CLASS ONE (IS-FRR 29)	6.0
OXFORD	6.0
PREDATOR	6.0
RELIANT IV (A01630REL)	6.0
WENDY JEAN (C03-RCE)	6.0
ZODIAC (BUR 4601)	6.0
DP 77-9579	5.7
EPIC (5001)	5.7
FIREFLY (SPM)	5.7
QUATRO	5.7
BERKSHIRE	5.3
GARNET (PICK CRF 1-03)	5.3
DLF-RCM	5.0
DP 77-9578	5.0
SR 3000	5.0
C-SMX	4.7
COMPASS (ACF 188)	4.7
PST-8000	4.3
SCALDIS	4.3
7 SEAS	4.0
DP 77-9885	4.0
SRX 3K	4.0
TL1	4.0
IS-FRR 23	3.3
LACROSSE (IS-FRC 17)	3.3
RAZOR	3.3
AMBASSADOR	3.0
BMXC-S02	3.0
C03-4676	3.0
SR 5130 (SRX 51G)	3.0
CELESTIAL	2.7
LONGFELLOW II	2.3
ORACLE	2.3
SHADEMASTER	2.3
SPLENDOR (ASC 245)	2.3
TREAZURE II (PST-4TZ)	2.3
AUDUBON	2.0
CULUMBRA II (ACF 174)	2.0
DP 77-9886	2.0

TABLE 32A. CUTWORM RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
J-5 (JAMESTOWN 5)	2.0
JASPER II	1.7
CASCADE	1.3
SHORELINE (SRX 55R)	1.3
BOREAL	1.0
DAWSON E	1.0
MUSICA	1.0
SEABREEZE	1.0
LSD VALUE	2.6
C.V. (%)	41.3

TABLE 32B. CUTWORM RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
ZODIAC (BUR 4601)	6.0
COMPASS (ACF 188)	4.7
7 SEAS	4.0
DP 77-9885	4.0
LACROSSE (IS-FRC 17)	3.3
AMBASSADOR	3.0
SR 5130 (SRX 51G)	3.0
LONGFELLOW II	2.3
TREAZURE II (PST-4TZ)	2.3
CULUMBRA II (ACF 174)	2.0
DP 77-9886	2.0
J-5 (JAMESTOWN 5)	2.0
CASCADE	1.3
MUSICA	1.0
LSD VALUE	2.1
C.V. (%)	45.3

- 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/ CUTWORM RATED IN 2005 ONLY.

TABLE 32C. CUTWORM RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
DP 77-9360	7.3
FORTITUDE (TL 53)	7.0
PATHFINDER	6.3
CARDINAL (IS-FRR 30)	6.0
CLASS ONE (IS-FRR 29)	6.0
WENDY JEAN (C03-RCE)	6.0
DP 77-9579	5.7
EPIC (5001)	5.7
GARNET (PICK CRF 1-03)	5.3
DLF-RCM	5.0
DP 77-9578	5.0
C-SMX	4.7
PST-8000	4.3
TL1	4.0
IS-FRR 23	3.3
RAZOR	3.3
BMXC-S02	3.0
C03-4676	3.0
CELESTIAL	2.7
ORACLE	2.3
SHADEMASTER	2.3
SPLENDOR (ASC 245)	2.3
AUDUBON	2.0
JASPER II	1.7
BOREAL	1.0
LSD VALUE	3.0
C.V. (%)	43.7

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/ CUTWORM RATED IN 2005 ONLY.

TABLE 32D. CUTWORM RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
SPARTAN II (PICK HF #2)	7.3
GOTHAM (IS-FL 28)	6.3
OXFORD	6.0
PREDATOR	6.0
RELIANT IV (A01630REL)	6.0
FIREFLY (SPM)	5.7
QUATRO	5.7
BERKSHIRE	5.3
SR 3000	5.0
SCALDIS	4.3
SRX 3K	4.0
LSD VALUE	2.8
C.V. (%)	31.4

TABLE 32E. CUTWORM RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

CUTWORM RATINGS 1-9; 9=NO DAMAGE 3/

NAME	NJ1
SHORELINE (SRX 55R)	1.3
DAWSON E	1.0
SEABREEZE	1.0
LSD VALUE	0.5
C.V. (%)	30.0

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/ CUTWORM RATED IN 2005 ONLY.

TABLE 33A. FALL COLOR (SEPTEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
FIREFLY (SPM)	8.0
RELIANT IV (A01630REL)	8.0
SPARTAN II (PICK HF #2)	8.0
CULUMBRA II (ACF 174)	7.7
GOTHAM (IS-FL 28)	7.7
QUATRO	7.7
BERKSHIRE	7.3
C03-4676	7.3
COMPASS (ACF 188)	7.3
PREDATOR	7.3
SCALDIS	7.3
AMBASSADOR	7.0
AUDUBON	7.0
CELESTIAL	7.0
DP 77-9885	7.0
J-5 (JAMESTOWN 5)	7.0
LACROSSE (IS-FRC 17)	7.0
OXFORD	7.0
SRX 3K	7.0
7 SEAS	6.7
DP 77-9886	6.7
IS-FRR 23	6.7
JASPER II	6.7
LONGFELLOW II	6.7
RAZOR	6.7
SEABREEZE	6.7
SHADEMASTER	6.7
SPLENDOR (ASC 245)	6.7
SR 3000	6.7
SR 5130 (SRX 51G)	6.7
BMXC-S02	6.3
C-SMX	6.3
CARDINAL (IS-FRR 30)	6.3
CASCADE	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
DP 77-9578	6.3
FORTITUDE (TL 53)	6.3
GARNET (PICK CRF 1-03)	6.3
SHORELINE (SRX 55R)	6.3
TL1	6.3
WENDY JEAN (C03-RCE)	6.3
ZODIAC (BUR 4601)	6.3
BOREAL	6.0
DAWSON E	6.0
DLF-RCM	6.0

TABLE 33A. FALL COLOR (SEPTEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
DP 77-9579	6.0
EPIC (5001)	6.0
MUSICA	6.0
PATHFINDER	6.0
PST-8000	6.0
TREAZURE II (PST-4TZ)	6.0
ORACLE	5.7
LSD VALUE	0.9
C.V. (%)	8.7

TABLE 33B. FALL COLOR (SEPTEMBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
CULUMBRA II (ACF 174)	7.7
COMPASS (ACF 188)	7.3
AMBASSADOR	7.0
DP 77-9885	7.0
J-5 (JAMESTOWN 5)	7.0
LACROSSE (IS-FRC 17)	7.0
7 SEAS	6.7
DP 77-9886	6.7
LONGFELLOW II	6.7
SR 5130 (SRX 51G)	6.7
CASCADE	6.3
ZODIAC (BUR 4601)	6.3
MUSICA	6.0
TREAZURE II (PST-4TZ)	6.0
LSD VALUE	0.8
C.V. (%)	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/ FALL COLOR (SEPTEMBER) RATED IN 2004 ONLY.

TABLE 33C. FALL COLOR (SEPTEMBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
C03-4676	7.3
AUDUBON	7.0
CELESTIAL	7.0
IS-FRR 23	6.7
JASPER II	6.7
RAZOR	6.7
SHADEMASTER	6.7
SPLENDOR (ASC 245)	6.7
BMXC-S02	6.3
C-SMX	6.3
CARDINAL (IS-FRR 30)	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
DP 77-9578	6.3
FORTITUDE (TL 53)	6.3
GARNET (PICK CRF 1-03)	6.3
TL1	6.3
WENDY JEAN (C03-RCE)	6.3
BOREAL	6.0
DLF-RCM	6.0
DP 77-9579	6.0
EPIC (5001)	6.0
PATHFINDER	6.0
PST-8000	6.0
ORACLE	5.7
LSD VALUE	0.9
C.V. (%)	8.7

- 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/ FALL COLOR (SEPTEMBER) RATED IN 2004 ONLY.

TABLE 33D. FALL COLOR (SEPTEMBER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
FIREFLY (SPM)	8.0
RELIANT IV (A01630REL)	8.0
SPARTAN II (PICK HF #2)	8.0
GOTHAM (IS-FL 28)	7.7
QUATRO	7.7
BERKSHIRE	7.3
PREDATOR	7.3
SCALDIS	7.3
OXFORD	7.0
SRX 3K	7.0
SR 3000	6.7
LSD VALUE	1.2
C.V. (%)	9.9

TABLE 33E. FALL COLOR (SEPTEMBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
SEABREEZE	6.7
SHORELINE (SRX 55R)	6.3
DAWSON E	6.0
LSD VALUE	0.8
C.V. (%)	7.4

- 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/ FALL COLOR (SEPTEMBER) RATED IN 2004 ONLY.

TABLE 34A. FALL COLOR (OCTOBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
BERKSHIRE	7.3
COMPASS (ACF 188)	7.3
QUATRO	7.3
RELIANT IV (A01630REL)	7.3
SPARTAN II (PICK HF #2)	7.3
C03-4676	7.0
CULUMBRA II (ACF 174)	7.0
FIREFLY (SPM)	7.0
GOTHAM (IS-FL 28)	7.0
IS-FRR 23	7.0
LACROSSE (IS-FRC 17)	7.0
OXFORD	7.0
PREDATOR	7.0
SHADEMASTER	7.0
AMBASSADOR	6.7
AUDUBON	6.7
CELESTIAL	6.7
SCALDIS	6.7
SRX 3K	6.7
TL1	6.7
7 SEAS	6.3
BMXC-S02	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
DP 77-9578	6.3
DP 77-9885	6.3
DP 77-9886	6.3
FORTITUDE (TL 53)	6.3
JASPER II	6.3
SPLENDOR (ASC 245)	6.3
SR 3000	6.3
WENDY JEAN (C03-RCE)	6.3
CARDINAL (IS-FRR 30)	6.0
DP 77-9579	6.0
GARNET (PICK CRF 1-03)	6.0
J-5 (JAMESTOWN 5)	6.0
LONGFELLOW II	6.0
ORACLE	6.0
PATHFINDER	6.0
RAZOR	6.0
SEABREEZE	6.0
SHORELINE (SRX 55R)	6.0
SR 5130 (SRX 51G)	6.0
TREAZURE II (PST-4TZ)	6.0
C-SMX	5.7
CASCADE	5.7

TABLE 34A. FALL COLOR (OCTOBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
PST-8000	5.7
ZODIAC (BUR 4601)	5.7
BOREAL	5.3
DAWSON E	5.3
DLF-RCM	5.3
EPIC (5001)	5.3
MUSICA	5.3
LSD VALUE	1.3
C.V. (%)	12.9

TABLE 34B. FALL COLOR (OCTOBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
COMPASS (ACF 188)	7.3
CULUMBRA II (ACF 174)	7.0
LACROSSE (IS-FRC 17)	7.0
AMBASSADOR	6.7
7 SEAS	6.3
DP 77-9885	6.3
DP 77-9886	6.3
J-5 (JAMESTOWN 5)	6.0
LONGFELLOW II	6.0
SR 5130 (SRX 51G)	6.0
TREAZURE II (PST-4TZ)	6.0
CASCADE	5.7
ZODIAC (BUR 4601)	5.7
MUSICA	5.3
LSD VALUE	1.3
C.V. (%)	12.6

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/ FALL COLOR (OCTOBER) RATED IN 2004 ONLY.

TABLE 34C. FALL COLOR (OCTOBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
C03-4676	7.0
IS-FRR 23	7.0
SHADEMASTER	7.0
AUDUBON	6.7
CELESTIAL	6.7
TL1	6.7
BMXC-S02	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9360	6.3
DP 77-9578	6.3
FORTITUDE (TL 53)	6.3
JASPER II	6.3
SPLENDOR (ASC 245)	6.3
WENDY JEAN (C03-RCE)	6.3
CARDINAL (IS-FRR 30)	6.0
DP 77-9579	6.0
GARNET (PICK CRF 1-03)	6.0
ORACLE	6.0
PATHFINDER	6.0
RAZOR	6.0
C-SMX	5.7
PST-8000	5.7
BOREAL	5.3
DLF-RCM	5.3
EPIC (5001)	5.3
LSD VALUE	1.4
C.V. (%)	13.8

- 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/ FALL COLOR (OCTOBER) RATED IN 2004 ONLY.

TABLE 34D. FALL COLOR (OCTOBER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
BERKSHIRE	7.3
QUATRO	7.3
RELIANT IV (A01630REL)	7.3
SPARTAN II (PICK HF #2)	7.3
FIREFLY (SPM)	7.0
GOTHAM (IS-FL 28)	7.0
OXFORD	7.0
PREDATOR	7.0
SCALDIS	6.7
SRX 3K	6.7
SR 3000	6.3
LSD VALUE	1.3
C.V. (%)	11.7

TABLE 34E. FALL COLOR (OCTOBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
SEABREEZE	6.0
SHORELINE (SRX 55R)	6.0
DAWSON E	5.3
LSD VALUE	1.1
C.V. (%)	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.
- 3/ FALL COLOR (OCTOBER) RATED IN 2004 ONLY.

TABLE 35A. FALL COLOR (NOVEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
MUSICA	4.8
DAWSON E	4.6
SEABREEZE	4.5
SHORELINE (SRX 55R)	4.5
QUATRO	4.3
BERKSHIRE	4.3
RAZOR	4.3
RELIANT IV (A01630REL)	4.3
PREDATOR	4.2
SRX 3K	4.2
JASPER II	4.2
FIREFLY (SPM)	4.1
GOTHAM (IS-FL 28)	4.1
SCALDIS	4.1
SHADEMASTER	4.1
AUDUBON	4.0
C-SMX	4.0
CELESTIAL	4.0
DLF-RCM	4.0
EPIC (5001)	4.0
SR 3000	4.0
WENDY JEAN (C03-RCE)	4.0
LACROSSE (IS-FRC 17)	4.0
OXFORD	4.0
SPARTAN II (PICK HF #2)	4.0
SR 5130 (SRX 51G)	4.0
ORACLE	3.9
PATHFINDER	3.9
CULUMBRA II (ACF 174)	3.9
IS-FRR 23	3.9
AMBASSADOR	3.8
LONGFELLOW II	3.8
7 SEAS	3.8
CARDINAL (IS-FRR 30)	3.8
DP 77-9360	3.8
DP 77-9886	3.8
ZODIAC (BUR 4601)	3.8
TREAZURE II (PST-4TZ)	3.8
C03-4676	3.8
COMPASS (ACF 188)	3.8
FORTITUDE (TL 53)	3.8
SPLENDOR (ASC 245)	3.8
TL1	3.8
BOREAL	3.8
CASCADE	3.7
J-5 (JAMESTOWN 5)	3.7

TABLE 35A. FALL COLOR (NOVEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
PST-8000	3.7
BMXC-S02	3.7
CLASS ONE (IS-FRR 29)	3.7
DP 77-9578	3.7
DP 77-9579	3.6
GARNET (PICK CRF 1-03)	3.6
DP 77-9885	3.5
LSD VALUE	0.9
C.V. (%)	13.9

TABLE 35B. FALL COLOR (NOVEMBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
MUSICA	4.8
LACROSSE (IS-FRC 17)	4.0
SR 5130 (SRX 51G)	4.0
CULUMBRA II (ACF 174)	3.9
AMBASSADOR	3.8
LONGFELLOW II	3.8
7 SEAS	3.8
DP 77-9886	3.8
ZODIAC (BUR 4601)	3.8
TREAZURE II (PST-4TZ)	3.8
COMPASS (ACF 188)	3.8
CASCADE	3.7
J-5 (JAMESTOWN 5)	3.7
DP 77-9885	3.5
LSD VALUE	0.9
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/ FALL COLOR (NOVEMBER) RATED IN 2004-07.

TABLE 35C. FALL COLOR (NOVEMBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
RAZOR	4.3
JASPER II	4.2
SHADEMASTER	4.1
AUDUBON	4.0
C-SMX	4.0
CELESTIAL	4.0
DLF-RCM	4.0
EPIC (5001)	4.0
WENDY JEAN (C03-RCE)	4.0
ORACLE	3.9
PATHFINDER	3.9
IS-FRR 23	3.9
CARDINAL (IS-FRR 30)	3.8
DP 77-9360	3.8
C03-4676	3.8
FORTITUDE (TL 53)	3.8
SPLENDOR (ASC 245)	3.8
TL1	3.8
BOREAL	3.8
PST-8000	3.7
BMXC-S02	3.7
CLASS ONE (IS-FRR 29)	3.7
DP 77-9578	3.7
DP 77-9579	3.6
GARNET (PICK CRF 1-03)	3.6
LSD VALUE	0.9
C.V. (%)	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/ FALL COLOR (NOVEMBER) RATED IN 2004-07.

TABLE 35D. FALL COLOR (NOVEMBER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
QUATRO	4.3
BERKSHIRE	4.3
RELIANT IV (A01630REL)	4.3
PREDATOR	4.2
SRX 3K	4.2
FIREFLY (SPM)	4.1
GOTHAM (IS-FL 28)	4.1
SCALDIS	4.1
SR 3000	4.0
OXFORD	4.0
SPARTAN II (PICK HF #2)	4.0
LSD VALUE	0.8
C.V. (%)	12.6

TABLE 35E. FALL COLOR (NOVEMBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ND1
DAWSON E	4.6
SEABREEZE	4.5
SHORELINE (SRX 55R)	4.5
LSD VALUE	0.9
C.V. (%)	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/ FALL COLOR (NOVEMBER) RATED IN 2004-07.

TABLE 36A. FALL COLOR (DECEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
PREDATOR	7.7
FIREFLY (SPM)	7.3
SHORELINE (SRX 55R)	7.3
DAWSON E	7.0
SEABREEZE	7.0
SR 3000	7.0
QUATRO	6.7
RELIANT IV (A01630REL)	6.3
MUSICA	6.0
DP 77-9578	5.7
GOTHAM (IS-FL 28)	5.7
ORACLE	5.7
SHADEMASTER	5.7
BOREAL	5.0
OXFORD	5.0
ZODIAC (BUR 4601)	4.7
AUDUBON	4.3
BERKSHIRE	4.3
CASCADE	4.3
CELESTIAL	4.3
CLASS ONE (IS-FRR 29)	4.3
7 SEAS	4.0
DP 77-9579	4.0
GARNET (PICK CRF 1-03)	4.0
IS-FRR 23	4.0
JASPER II	3.7
LONGFELLOW II	3.7
SPARTAN II (PICK HF #2)	3.7
SR 5130 (SRX 51G)	3.7
TL1	3.7
WENDY JEAN (C03-RCE)	3.7
C03-4676	3.3
CARDINAL (IS-FRR 30)	3.3
CULUMBRA II (ACF 174)	3.3
DLF-RCM	3.3
RAZOR	3.3
TREAZURE II (PST-4TZ)	3.3
AMBASSADOR	3.0
BMXC-S02	3.0
C-SMX	3.0
COMPASS (ACF 188)	3.0
DP 77-9360	3.0
DP 77-9885	3.0
DP 77-9886	3.0
EPIC (5001)	3.0
FORTITUDE (TL 53)	3.0

TABLE 36A. FALL COLOR (DECEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
J-5 (JAMESTOWN 5)	3.0
LACROSSE (IS-FRC 17)	3.0
PATHFINDER	3.0
SCALDIS	3.0
SRX 3K	3.0
PST-8000	2.7
SPLENDOR (ASC 245)	2.7
LSD VALUE	1.6
C.V. (%)	23.7

TABLE 36B. FALL COLOR (DECEMBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
MUSICA	6.0
ZODIAC (BUR 4601)	4.7
CASCADE	4.3
7 SEAS	4.0
LONGFELLOW II	3.7
SR 5130 (SRX 51G)	3.7
CULUMBRA II (ACF 174)	3.3
TREAZURE II (PST-4TZ)	3.3
AMBASSADOR	3.0
COMPASS (ACF 188)	3.0
DP 77-9885	3.0
DP 77-9886	3.0
J-5 (JAMESTOWN 5)	3.0
LACROSSE (IS-FRC 17)	3.0
LSD VALUE	1.4
C.V. (%)	23.2

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/ FALL COLOR (DECEMBER) RATED IN 2005 ONLY.

TABLE 36C. FALL COLOR (DECEMBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
DP 77-9578	5.7
ORACLE	5.7
SHADEMASTER	5.7
BOREAL	5.0
AUDUBON	4.3
CELESTIAL	4.3
CLASS ONE (IS-FRR 29)	4.3
DP 77-9579	4.0
GARNET (PICK CRF 1-03)	4.0
IS-FRR 23	4.0
JASPER II	3.7
TL1	3.7
WENDY JEAN (C03-RCE)	3.7
C03-4676	3.3
CARDINAL (IS-FRR 30)	3.3
DLF-RCM	3.3
RAZOR	3.3
BMXC-S02	3.0
C-SMX	3.0
DP 77-9360	3.0
EPIC (5001)	3.0
FORTITUDE (TL 53)	3.0
PATHFINDER	3.0
PST-8000	2.7
SPLENDOR (ASC 245)	2.7
LSD VALUE	1.5
C.V. (%)	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/ FALL COLOR (DECEMBER) RATED IN 2005 ONLY.

TABLE 36D. FALL COLOR (DECEMBER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
PREDATOR	7.7
FIREFLY (SPM)	7.3
SR 3000	7.0
QUATRO	6.7
RELIANT IV (A01630REL)	6.3
GOTHAM (IS-FL 28)	5.7
OXFORD	5.0
BERKSHIRE	4.3
SPARTAN II (PICK HF #2)	3.7
SCALDIS	3.0
SRX 3K	3.0
LSD VALUE	2.2
C.V. (%)	25.7

TABLE 36E. FALL COLOR (DECEMBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	RI1
SHORELINE (SRX 55R)	7.3
DAWSON E	7.0
SEABREEZE	7.0
LSD VALUE	0.5
C.V. (%)	4.7

- 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/ FALL COLOR (DECEMBER) RATED IN 2005 ONLY.

TABLE 37A. SEEDHEAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
AMBASSADOR	7.7
CULUMBRA II (ACF 174)	7.7
MUSICA	7.7
SHORELINE (SRX 55R)	7.7
LACROSSE (IS-FRC 17)	7.3
ZODIAC (BUR 4601)	7.3
SR 5130 (SRX 51G)	7.0
CARDINAL (IS-FRR 30)	6.7
DP 77-9886	6.7
LONGFELLOW II	6.0
SPLENDOR (ASC 245)	6.0
7 SEAS	5.7
DP 77-9579	5.7
DP 77-9885	5.7
C-SMX	5.3
CASCADE	5.3
CELESTIAL	5.3
CLASS ONE (IS-FRR 29)	5.3
COMPASS (ACF 188)	5.3
DP 77-9360	5.3
EPIC (5001)	5.3
FORTITUDE (TL 53)	5.3
GARNET (PICK CRF 1-03)	5.3
J-5 (JAMESTOWN 5)	5.3
JASPER II	5.3
PST-8000	5.3
BMXC-S02	5.0
DAWSON E	5.0
DLF-RCM	5.0
IS-FRR 23	5.0
PATHFINDER	5.0
RAZOR	5.0
TREAZURE II (PST-4TZ)	5.0
BOREAL	4.7
AUDUBON	4.3
C03-4676	4.3
DP 77-9578	4.3
WENDY JEAN (C03-RCE)	4.3
QUATRO	4.0
SHADEMASTER	4.0
TL1	4.0
GOTHAM (IS-FL 28)	3.7
ORACLE	3.7
SEABREEZE	3.7
FIREFLY (SPM)	3.3
PREDATOR	3.3

TABLE 37A. SEEDHEAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
SPARTAN II (PICK HF #2)	3.3
SR 3000	3.3
BERKSHIRE	3.0
OXFORD	3.0
RELIANT IV (A01630REL)	3.0
SRX 3K	3.0
SCALDIS	2.7
LSD VALUE	1.0
C.V. (%)	12.5

TABLE 37B. SEEDHEAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
AMBASSADOR	7.7
CULUMBRA II (ACF 174)	7.7
MUSICA	7.7
LACROSSE (IS-FRC 17)	7.3
ZODIAC (BUR 4601)	7.3
SR 5130 (SRX 51G)	7.0
DP 77-9886	6.7
LONGFELLOW II	6.0
7 SEAS	5.7
DP 77-9885	5.7
CASCADE	5.3
COMPASS (ACF 188)	5.3
J-5 (JAMESTOWN 5)	5.3
TREAZURE II (PST-4TZ)	5.0
LSD VALUE	1.1
C.V. (%)	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/ SEEDHEAD RATED IN 2004 ONLY.

TABLE 37C. SEEDHEAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
CARDINAL (IS-FRR 30)	6.7
SPLENDOR (ASC 245)	6.0
DP 77-9579	5.7
C-SMX	5.3
CELESTIAL	5.3
CLASS ONE (IS-FRR 29)	5.3
DP 77-9360	5.3
EPIC (5001)	5.3
FORTITUDE (TL 53)	5.3
GARNET (PICK CRF 1-03)	5.3
JASPER II	5.3
PST-8000	5.3
BMXC-S02	5.0
DLF-RCM	5.0
IS-FRR 23	5.0
PATHFINDER	5.0
RAZOR	5.0
BOREAL	4.7
AUDUBON	4.3
C03-4676	4.3
DP 77-9578	4.3
WENDY JEAN (C03-RCE)	4.3
SHADEMASTER	4.0
TL1	4.0
ORACLE	3.7
LSD VALUE	1.0
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/ SEEDHEAD RATED IN 2004 ONLY.

TABLE 37D. SEEDHEAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
QUATRO	4.0
GOTHAM (IS-FL 28)	3.7
FIREFLY (SPM)	3.3
PREDATOR	3.3
SPARTAN II (PICK HF #2)	3.3
SR 3000	3.3
BERKSHIRE	3.0
OXFORD	3.0
RELIANT IV (A01630REL)	3.0
SRX 3K	3.0
SCALDIS	2.7
LSD VALUE	0.8
C.V. (%)	16.1

TABLE 37E. SEEDHEAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	KS3
SHORELINE (SRX 55R)	7.7
DAWSON E	5.0
SEABREEZE	3.7
LSD VALUE	1.2
C.V. (%)	13.7

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 2004 ONLY.

TABLE 38A. POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
TREAZURE II (PST-4TZ)	8.0
ZODIAC (BUR 4601)	7.0
EPIC (5001)	6.7
WENDY JEAN (C03-RCE)	6.7
CLASS ONE (IS-FRR 29)	6.3
DP 77-9579	6.3
DP 77-9885	6.3
GARNET (PICK CRF 1-03)	6.3
SHORELINE (SRX 55R)	6.3
SPARTAN II (PICK HF #2)	6.3
AUDUBON	6.0
CELESTIAL	6.0
DP 77-9578	6.0
FIREFLY (SPM)	6.0
JASPER II	6.0
PST-8000	6.0
RAZOR	6.0
BMXC-S02	5.7
C-SMX	5.7
CARDINAL (IS-FRR 30)	5.7
COMPASS (ACF 188)	5.7
FORTITUDE (TL 53)	5.7
IS-FRR 23	5.7
MUSICA	5.7
PATHFINDER	5.7
SR 3000	5.7
SR 5130 (SRX 51G)	5.7
DLF-RCM	5.3
DP 77-9360	5.3
DP 77-9886	5.3
GOTHAM (IS-FL 28)	5.3
PREDATOR	5.3
RELIANT IV (A01630REL)	5.3
SEABREEZE	5.3
SPLENDOR (ASC 245)	5.3
TL1	5.3
7 SEAS	5.0
BERKSHIRE	5.0
OXFORD	5.0
AMBASSADOR	4.7
C03-4676	4.7
J-5 (JAMESTOWN 5)	4.7
QUATRO	4.7
SRX 3K	4.7
CULUMBRA II (ACF 174)	4.3
DAWSON E	4.3

TABLE 38A. POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
LONGFELLOW II	4.3
SHADEMASTER	4.0
LACROSSE (IS-FRC 17)	3.7
ORACLE	3.7
BOREAL	3.3
SCALDIS	3.3
CASCADE	3.0
LSD VALUE	1.6
C.V. (%)	18.4

TABLE 38B. POA ANNUA RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
TREAZURE II (PST-4TZ)	8.0
ZODIAC (BUR 4601)	7.0
DP 77-9885	6.3
COMPASS (ACF 188)	5.7
MUSICA	5.7
SR 5130 (SRX 51G)	5.7
DP 77-9886	5.3
7 SEAS	5.0
AMBASSADOR	4.7
J-5 (JAMESTOWN 5)	4.7
CULUMBRA II (ACF 174)	4.3
LONGFELLOW II	4.3
LACROSSE (IS-FRC 17)	3.7
CASCADE	3.0
LSD VALUE	1.7
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/ POA ANNUA RATED IN 2007 ONLY.

TABLE 38C. POA ANNUA RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
EPIC (5001)	6.7
WENDY JEAN (C03-RCE)	6.7
CLASS ONE (IS-FRR 29)	6.3
DP 77-9579	6.3
GARNET (PICK CRF 1-03)	6.3
AUDUBON	6.0
CELESTIAL	6.0
DP 77-9578	6.0
JASPER II	6.0
PST-8000	6.0
RAZOR	6.0
BMXC-S02	5.7
C-SMX	5.7
CARDINAL (IS-FRR 30)	5.7
FORTITUDE (TL 53)	5.7
IS-FRR 23	5.7
PATHFINDER	5.7
DLF-RCM	5.3
DP 77-9360	5.3
SPLENDOR (ASC 245)	5.3
TL1	5.3
C03-4676	4.7
SHADEMASTER	4.0
ORACLE	3.7
BOREAL	3.3
LSD VALUE	1.4
C.V. (%)	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/ POA ANNUA RATED IN 2007 ONLY.

TABLE 38D. POA ANNUA RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
SPARTAN II (PICK HF #2)	6.3
FIREFLY (SPM)	6.0
SR 3000	5.7
GOTHAM (IS-FL 28)	5.3
PREDATOR	5.3
RELIANT IV (A01630REL)	5.3
BERKSHIRE	5.0
OXFORD	5.0
QUATRO	4.7
SRX 3K	4.7
SCALDIS	3.3
LSD VALUE	1.6
C.V. (%)	19.1

TABLE 38E. POA ANNUA RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

POA ANNUA RATINGS 1-9; 9=NONE 3/

NAME	MA1
SHORELINE (SRX 55R)	6.3
SEABREEZE	5.3
DAWSON E	4.3
LSD VALUE	2.3
C.V. (%)	26.5

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 2007 ONLY.

TABLE 39A. MOWING QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
SPARTAN II (PICK HF #2)	7.3
RAZOR	7.2
BMXC-S02	7.2
RELIANT IV (A01630REL)	7.2
AUDUBON	7.0
CELESTIAL	7.0
GOTHAM (IS-FL 28)	7.0
JASPER II	7.0
C-SMX	6.8
C03-4676	6.8
EPIC (5001)	6.8
FIREFLY (SPM)	6.8
IS-FRR 23	6.8
LONGFELLOW II	6.8
TL1	6.8
AMBASSADOR	6.8
CULUMBRA II (ACF 174)	6.8
PREDATOR	6.8
DP 77-9886	6.7
7 SEAS	6.7
DLF-RCM	6.7
FORTITUDE (TL 53)	6.7
GARNET (PICK CRF 1-03)	6.7
J-5 (JAMESTOWN 5)	6.7
LACROSSE (IS-FRC 17)	6.7
OXFORD	6.7
DP 77-9360	6.5
SPLENDOR (ASC 245)	6.5
SR 3000	6.5
WENDY JEAN (C03-RCE)	6.5
CARDINAL (IS-FRR 30)	6.3
SHADEMASTER	6.3
ZODIAC (BUR 4601)	6.3
COMPASS (ACF 188)	6.3
PST-8000	6.3
TREAZURE II (PST-4TZ)	6.3
BERKSHIRE	6.2
DP 77-9578	6.2
DP 77-9579	6.2
DP 77-9885	6.2
MUSICA	6.2
ORACLE	6.2
PATHFINDER	6.2
SCALDIS	6.2
SHORELINE (SRX 55R)	6.2
SR 5130 (SRX 51G)	6.2

TABLE 39A. MOWING QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
BOREAL	6.0
CASCADE	6.0
CLASS ONE (IS-FRR 29)	6.0
DAWSON E	6.0
QUATRO	6.0
SEABREEZE	6.0
SRX 3K	6.0
LSD VALUE	0.9
C.V. (%)	8.3

TABLE 39B. MOWING QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
LONGFELLOW II	6.8
AMBASSADOR	6.8
CULUMBRA II (ACF 174)	6.8
DP 77-9886	6.7
7 SEAS	6.7
J-5 (JAMESTOWN 5)	6.7
LACROSSE (IS-FRC 17)	6.7
ZODIAC (BUR 4601)	6.3
COMPASS (ACF 188)	6.3
TREAZURE II (PST-4TZ)	6.3
DP 77-9885	6.2
MUSICA	6.2
SR 5130 (SRX 51G)	6.2
CASCADE	6.0
LSD VALUE	1.0
C.V. (%)	9.4

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/ MOWING QUALITY RATED IN 2004-05.

TABLE 39C. MOWING QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
RAZOR	7.2
BMXC-S02	7.2
AUDUBON	7.0
CELESTIAL	7.0
JASPER II	7.0
C-SMX	6.8
C03-4676	6.8
EPIC (5001)	6.8
IS-FRR 23	6.8
TL1	6.8
DLF-RCM	6.7
FORTITUDE (TL 53)	6.7
GARNET (PICK CRF 1-03)	6.7
DP 77-9360	6.5
SPLENDOR (ASC 245)	6.5
WENDY JEAN (C03-RCE)	6.5
CARDINAL (IS-FRR 30)	6.3
SHADEMASTER	6.3
PST-8000	6.3
DP 77-9578	6.2
DP 77-9579	6.2
ORACLE	6.2
PATHFINDER	6.2
BOREAL	6.0
CLASS ONE (IS-FRR 29)	6.0
LSD VALUE	0.8
C.V. (%)	7.5

- 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/ MOWING QUALITY RATED IN 2004-05.

TABLE 39D. MOWING QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
SPARTAN II (PICK HF #2)	7.3
RELIANT IV (A01630REL)	7.2
GOTHAM (IS-FL 28)	7.0
FIREFLY (SPM)	6.8
PREDATOR	6.8
OXFORD	6.7
SR 3000	6.5
BERKSHIRE	6.2
SCALDIS	6.2
QUATRO	6.0
SRX 3K	6.0
LSD VALUE	0.9
C.V. (%)	8.4

TABLE 39E. MOWING QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 3/

NAME	ND1
SHORELINE (SRX 55R)	6.2
DAWSON E	6.0
SEABREEZE	6.0
LSD VALUE	0.8
C.V. (%)	8.7

- 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/ MOWING QUALITY RATED IN 2004-05.

TABLE 40A. PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
ORACLE	66.7	90.0	93.0	70.0	88.7	99.0	70.0	81.7	82.4
BOREAL	63.3	76.7	97.3	71.7	90.3	96.3	70.0	81.7	80.9
CELESTIAL	70.0	68.3	95.0	68.3	91.7	94.7	63.3	80.0	78.9
WENDY JEAN (C03-RCE)	70.0	63.3	97.3	63.3	91.3	95.0	66.7	80.0	78.4
DP 77-9579	73.3	80.0	89.7	58.3	86.0	93.0	70.0	76.7	78.4
DLF-RCM	53.3	75.0	96.0	61.7	87.7	96.3	76.7	75.0	77.7
MUSICA	66.7	70.0	86.3	55.0	92.3	97.7	66.7	83.3	77.3
ZODIAC (BUR 4601)	63.3	80.0	80.0	58.3	91.7	96.3	63.3	85.0	77.3
CASCADE	80.0	43.3	89.3	56.7	91.7	96.3	63.3	88.3	76.1
DP 77-9886	50.0	80.0	83.3	56.3	87.7	96.3	73.3	80.0	75.9
JASPER II	66.7	70.0	87.7	58.3	89.0	95.0	60.0	80.0	75.8
AMBASSADOR	56.7	63.3	87.0	63.3	93.0	99.0	63.3	80.0	75.7
C03-4676	53.3	70.0	91.0	58.3	92.3	96.3	66.7	75.0	75.4
IS-FRR 23	63.3	66.7	95.0	58.3	89.3	93.3	63.3	73.3	75.3
SHORELINE (SRX 55R)	60.0	78.3	89.0	55.0	90.3	96.3	66.7	66.7	75.3
C-SMX	70.0	66.7	85.0	57.5	91.3	95.0	60.0	76.7	75.3
EPIC (5001)	63.3	56.7	93.0	60.0	88.3	96.3	66.7	76.7	75.1
LONGFELLOW II	63.3	73.3	83.0	55.0	87.7	96.3	63.3	76.7	74.8
DP 77-9360	70.0	71.7	85.3	50.0	85.0	95.0	66.7	73.3	74.6
CLASS ONE (IS-FRR 29)	70.0	73.3	85.0	53.3	87.7	95.0	66.7	63.3	74.3
SR 5130 (SRX 51G)	70.0	71.7	75.0	53.3	91.7	93.3	60.0	73.3	73.5
RAZOR	53.3	53.3	91.7	63.3	90.0	94.7	63.3	78.3	73.5
J-5 (JAMESTOWN 5)	63.3	71.7	70.7	53.3	90.7	95.0	66.7	73.3	73.1
AUDUBON	70.0	65.0	83.3	51.7	88.7	95.0	56.7	73.3	73.0
LACROSSE (IS-FRC 17)	60.0	50.0	78.3	56.7	90.0	93.0	66.7	86.7	72.7
DP 77-9578	56.7	56.7	91.7	60.0	88.3	93.3	66.7	66.7	72.5
TREAZURE II (PST-4TZ)	66.7	51.7	68.3	58.3	90.0	93.3	60.0	83.3	71.5
PATHFINDER	50.0	53.3	81.3	65.0	86.0	97.7	66.7	70.0	71.3
GARNET (PICK CRF 1-03)	66.7	51.7	84.0	50.0	87.3	95.0	63.3	71.7	71.2
QUATRO	60.0	60.0	70.0	58.3	86.7	97.7	53.3	80.0	70.8
PST-8000	60.0	50.0	78.3	61.7	88.3	96.3	60.0	70.0	70.6
FORTITUDE (TL 53)	50.0	66.7	84.0	48.3	90.0	91.7	56.7	76.7	70.5
SHADEMASTER	70.0	45.0	77.7	56.7	88.7	97.7	63.3	63.3	70.3
BERKSHIRE	46.7	46.7	81.0	61.7	92.3	93.3	53.3	86.7	70.2
DP 77-9885	53.3	65.0	80.7	50.0	89.7	90.0	56.7	73.3	69.8
GOTHAM (IS-FL 28)	46.7	58.3	71.7	50.0	94.7	91.7	60.0	80.0	69.1
CULUMBRA II (ACF 174)	53.3	51.7	85.7	51.7	91.3	83.3	60.0	75.0	69.0
RELIANT IV (A01630REL)	43.3	63.3	67.3	53.3	93.0	94.7	56.7	78.3	68.8
CARDINAL (IS-FRR 30)	53.3	30.0	93.7	55.0	86.7	96.3	60.0	73.3	68.5
OXFORD	46.7	55.0	68.3	53.3	91.3	96.0	56.7	80.0	68.4
SPARTAN II (PICK HF #2)	43.3	58.3	74.0	53.3	93.0	94.7	56.7	73.3	68.3
TL1	50.0	48.3	85.0	53.3	86.7	94.7	63.3	65.0	68.3
SRX 3K	43.3	75.0	63.3	55.0	89.3	91.7	60.0	66.7	68.0
BMXC-S02	73.3	38.3	70.0	46.7	91.7	88.3	60.0	73.3	67.7
SCALDIS	56.7	40.0	71.7	51.7	91.7	95.0	56.7	73.3	67.1
SPLENDOR (ASC 245)	60.0	45.0	85.7	51.7	89.3	78.3	53.3	70.0	66.7
7 SEAS	60.0	46.7	80.3	45.0	87.7	96.3	50.0	66.7	66.6
DAWSON E	60.0	28.3	61.7	48.3	87.7	96.3	70.0	73.3	65.7
SEABREEZE	53.3	30.0	65.0	50.0	89.7	96.3	60.0	75.0	64.9

TABLE 40A. PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
COMPASS (ACF 188)	46.7	53.3	71.7	43.3	83.3	93.3	56.7	63.3	64.0
PREDATOR	46.7	33.3	65.0	46.7	90.7	91.7	50.0	60.0	60.5
SR 3000	46.7	15.0	58.3	43.3	89.3	95.0	50.0	66.7	58.0
FIREFLY (SPM)	30.0	50.0	56.7	35.0	81.7	88.3	46.7	60.0	56.0
LSD VALUE	20.2	31.5	19.8	8.7	6.7	6.2	10.3	15.0	6.0
C.V. (%)	21.5	33.5	15.2	9.8	4.6	4.1	10.4	12.5	14.7

TABLE 40B. PERCENT ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
MUSICA	66.7	70.0	86.3	55.0	92.3	97.7	66.7	83.3	77.3
ZODIAC (BUR 4601)	63.3	80.0	80.0	58.3	91.7	96.3	63.3	85.0	77.3
CASCADE	80.0	43.3	89.3	56.7	91.7	96.3	63.3	88.3	76.1
DP 77-9886	50.0	80.0	83.3	56.3	87.7	96.3	73.3	80.0	75.9
AMBASSADOR	56.7	63.3	87.0	63.3	93.0	99.0	63.3	80.0	75.7
LONGFELLOW II	63.3	73.3	83.0	55.0	87.7	96.3	63.3	76.7	74.8
SR 5130 (SRX 51G)	70.0	71.7	75.0	53.3	91.7	93.3	60.0	73.3	73.5
J-5 (JAMESTOWN 5)	63.3	71.7	70.7	53.3	90.7	95.0	66.7	73.3	73.1
LACROSSE (IS-FRC 17)	60.0	50.0	78.3	56.7	90.0	93.0	66.7	86.7	72.7
TREAZURE II (PST-4TZ)	66.7	51.7	68.3	58.3	90.0	93.3	60.0	83.3	71.5
DP 77-9885	53.3	65.0	80.7	50.0	89.7	90.0	56.7	73.3	69.8
CULUMBRA II (ACF 174)	53.3	51.7	85.7	51.7	91.3	83.3	60.0	75.0	69.0
7 SEAS	60.0	46.7	80.3	45.0	87.7	96.3	50.0	66.7	66.6
COMPASS (ACF 188)	46.7	53.3	71.7	43.3	83.3	93.3	56.7	63.3	64.0
LSD VALUE	22.3	33.1	20.9	8.7	6.0	5.6	11.6	13.1	6.2
C.V. (%)	22.8	33.0	16.3	10.1	4.1	3.7	11.6	10.5	15.1

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 40C. PERCENT ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
ORACLE	66.7	90.0	93.0	70.0	88.7	99.0	70.0	81.7	82.4
BOREAL	63.3	76.7	97.3	71.7	90.3	96.3	70.0	81.7	80.9
CELESTIAL	70.0	68.3	95.0	68.3	91.7	94.7	63.3	80.0	78.9
WENDY JEAN (C03-RCE)	70.0	63.3	97.3	63.3	91.3	95.0	66.7	80.0	78.4
DP 77-9579	73.3	80.0	89.7	58.3	86.0	93.0	70.0	76.7	78.4
DLF-RCM	53.3	75.0	96.0	61.7	87.7	96.3	76.7	75.0	77.7
JASPER II	66.7	70.0	87.7	58.3	89.0	95.0	60.0	80.0	75.8
C03-4676	53.3	70.0	91.0	58.3	92.3	96.3	66.7	75.0	75.4
IS-FRR 23	63.3	66.7	95.0	58.3	89.3	93.3	63.3	73.3	75.3
C-SMX	70.0	66.7	85.0	57.5	91.3	95.0	60.0	76.7	75.3
EPIC (5001)	63.3	56.7	93.0	60.0	88.3	96.3	66.7	76.7	75.1
DP 77-9360	70.0	71.7	85.3	50.0	85.0	95.0	66.7	73.3	74.6
CLASS ONE (IS-FRR 29)	70.0	73.3	85.0	53.3	87.7	95.0	66.7	63.3	74.3
RAZOR	53.3	53.3	91.7	63.3	90.0	94.7	63.3	78.3	73.5
AUDUBON	70.0	65.0	83.3	51.7	88.7	95.0	56.7	73.3	73.0
DP 77-9578	56.7	56.7	91.7	60.0	88.3	93.3	66.7	66.7	72.5
PATHFINDER	50.0	53.3	81.3	65.0	86.0	97.7	66.7	70.0	71.3
GARNET (PICK CRF 1-03)	66.7	51.7	84.0	50.0	87.3	95.0	63.3	71.7	71.2
PST-8000	60.0	50.0	78.3	61.7	88.3	96.3	60.0	70.0	70.6
FORTITUDE (TL 53)	50.0	66.7	84.0	48.3	90.0	91.7	56.7	76.7	70.5
SHADEMASTER	70.0	45.0	77.7	56.7	88.7	97.7	63.3	63.3	70.3
CARDINAL (IS-FRR 30)	53.3	30.0	93.7	55.0	86.7	96.3	60.0	73.3	68.5
TL1	50.0	48.3	85.0	53.3	86.7	94.7	63.3	65.0	68.3
BMXC-S02	73.3	38.3	70.0	46.7	91.7	88.3	60.0	73.3	67.7
SPLENDOR (ASC 245)	60.0	45.0	85.7	51.7	89.3	78.3	53.3	70.0	66.7
LSD VALUE	20.7	29.3	16.3	8.0	5.3	7.0	9.5	16.5	5.7
C.V. (%)	20.5	29.7	11.5	8.5	3.7	4.6	9.2	13.9	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 40D. PERCENT ESTABLISHMENT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
QUATRO	60.0	60.0	70.0	58.3	86.7	97.7	53.3	80.0	70.8
BERKSHIRE	46.7	46.7	81.0	61.7	92.3	93.3	53.3	86.7	70.2
GOTHAM (IS-FL 28)	46.7	58.3	71.7	50.0	94.7	91.7	60.0	80.0	69.1
RELIANT IV (A01630REL)	43.3	63.3	67.3	53.3	93.0	94.7	56.7	78.3	68.8
OXFORD	46.7	55.0	68.3	53.3	91.3	96.0	56.7	80.0	68.4
SPARTAN II (PICK HF #2)	43.3	58.3	74.0	53.3	93.0	94.7	56.7	73.3	68.3
SRX 3K	43.3	75.0	63.3	55.0	89.3	91.7	60.0	66.7	68.0
SCALDIS	56.7	40.0	71.7	51.7	91.7	95.0	56.7	73.3	67.1
PREDATOR	46.7	33.3	65.0	46.7	90.7	91.7	50.0	60.0	60.5
SR 3000	46.7	15.0	58.3	43.3	89.3	95.0	50.0	66.7	58.0
FIREFLY (SPM)	30.0	50.0	56.7	35.0	81.7	88.3	46.7	60.0	56.0
LSD VALUE	16.8	36.3	24.0	10.5	9.9	5.7	10.1	14.5	6.5
C.V. (%)	22.5	44.8	22.0	12.8	6.8	3.8	11.5	12.4	17.4

TABLE 40E. PERCENT ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

NAME	IL1	ME1	NJ1	NJ2	SD1	VA1	WA1	WA3	MEAN
SHORELINE (SRX 55R)	60.0	78.3	89.0	55.0	90.3	96.3	66.7	66.7	75.3
DAWSON E	60.0	28.3	61.7	48.3	87.7	96.3	70.0	73.3	65.7
SEABREEZE	53.3	30.0	65.0	50.0	89.7	96.3	60.0	75.0	64.9
LSD VALUE	17.0	20.6	23.1	7.1	5.8	3.7	10.7	11.1	5.0
C.V. (%)	18.2	28.1	20.0	8.6	4.0	2.4	10.2	9.6	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 41A. CRABGRASS RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
DP 77-9885	9.0	8.3	8.7
SR 5130 (SRX 51G)	9.0	8.3	8.7
BERKSHIRE	8.7	8.7	8.7
DP 77-9886	8.7	8.3	8.5
LONGFELLOW II	8.3	8.3	8.3
OXFORD	7.7	9.0	8.3
FIREFLY (SPM)	8.0	8.7	8.3
LACROSSE (IS-FRC 17)	8.7	8.0	8.3
TREAZURE II (PST-4TZ)	8.7	8.0	8.3
GARNET (PICK CRF 1-03)	8.3	8.0	8.2
SCALDIS	8.0	8.3	8.2
MUSICA	7.3	9.0	8.2
ZODIAC (BUR 4601)	8.7	7.7	8.2
SPARTAN II (PICK HF #2)	7.0	9.0	8.0
7 SEAS	7.3	8.3	7.8
AMBASSADOR	8.0	7.7	7.8
GOTHAM (IS-FL 28)	6.3	9.0	7.7
COMPASS (ACF 188)	6.3	8.7	7.5
PREDATOR	6.3	8.7	7.5
RELIANT IV (A01630REL)	6.0	9.0	7.5
SRX 3K	7.7	7.0	7.3
CASCADE	7.3	7.3	7.3
QUATRO	6.7	7.7	7.2
SR 3000	7.0	7.0	7.0
J-5 (JAMESTOWN 5)	7.3	6.3	6.8
WENDY JEAN (C03-RCE)	7.3	6.3	6.8
CARDINAL (IS-FRR 30)	8.0	5.3	6.7
FORTITUDE (TL 53)	7.3	6.0	6.7
EPIC (5001)	6.7	6.0	6.3
CULUMBRA II (ACF 174)	6.3	6.3	6.3
JASPER II	6.7	5.7	6.2
BMXC-S02	7.0	5.3	6.2
C-SMX	7.3	5.0	6.2
DLF-RCM	6.3	5.7	6.0
IS-FRR 23	8.0	4.0	6.0
PST-8000	6.7	5.3	6.0
DP 77-9579	7.3	3.7	5.5
PATHFINDER	7.0	3.7	5.3
CELESTIAL	8.3	2.0	5.2
SPLENDOR (ASC 245)	5.7	4.7	5.2
TL1	6.0	4.3	5.2
SEABREEZE	7.3	2.7	5.0
RAZOR	6.0	3.7	4.8
CLASS ONE (IS-FRR 29)	7.0	2.3	4.7
DP 77-9360	6.0	3.3	4.7
SHORELINE (SRX 55R)	6.0	3.3	4.7

TABLE 41A. CRABGRASS RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
AUDUBON	6.7	2.3	4.5
ORACLE	6.0	3.0	4.5
DP 77-9578	5.3	3.3	4.3
DAWSON E	4.3	2.7	3.5
C03-4676	4.0	2.7	3.3
BOREAL	3.3	3.0	3.2
SHADEMASTER	4.7	1.0	2.8
LSD VALUE	2.5	2.6	2.6
C.V. (%)	22.4	26.8	24.6

TABLE 41B. CRABGRASS RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
DP 77-9885	9.0	8.3	8.7
SR 5130 (SRX 51G)	9.0	8.3	8.7
DP 77-9886	8.7	8.3	8.5
LONGFELLOW II	8.3	8.3	8.3
LACROSSE (IS-FRC 17)	8.7	8.0	8.3
TREAZURE II (PST-4TZ)	8.7	8.0	8.3
MUSICA	7.3	9.0	8.2
ZODIAC (BUR 4601)	8.7	7.7	8.2
7 SEAS	7.3	8.3	7.8
AMBASSADOR	8.0	7.7	7.8
COMPASS (ACF 188)	6.3	8.7	7.5
CASCADE	7.3	7.3	7.3
J-5 (JAMESTOWN 5)	7.3	6.3	6.8
CULUMBRA II (ACF 174)	6.3	6.3	6.3
LSD VALUE	2.1	2.0	2.0
C.V. (%)	16.4	15.4	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.

3/ CRABGRASS RATED AT "ME1" IN 2005, AND AT "RI1" IN 2007.

TABLE 41C. CRABGRASS RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
GARNET (PICK CRF 1-03)	8.3	8.0	8.2
WENDY JEAN (C03-RCE)	7.3	6.3	6.8
CARDINAL (IS-FRR 30)	8.0	5.3	6.7
FORTITUDE (TL 53)	7.3	6.0	6.7
EPIC (5001)	6.7	6.0	6.3
JASPER II	6.7	5.7	6.2
BMXC-S02	7.0	5.3	6.2
C-SMX	7.3	5.0	6.2
DLF-RCM	6.3	5.7	6.0
IS-FRR 23	8.0	4.0	6.0
PST-8000	6.7	5.3	6.0
DP 77-9579	7.3	3.7	5.5
PATHFINDER	7.0	3.7	5.3
CELESTIAL	8.3	2.0	5.2
SPLENDOR (ASC 245)	5.7	4.7	5.2
TL1	6.0	4.3	5.2
RAZOR	6.0	3.7	4.8
CLASS ONE (IS-FRR 29)	7.0	2.3	4.7
DP 77-9360	6.0	3.3	4.7
AUDUBON	6.7	2.3	4.5
ORACLE	6.0	3.0	4.5
DP 77-9578	5.3	3.3	4.3
C03-4676	4.0	2.7	3.3
BOREAL	3.3	3.0	3.2
SHADEMASTER	4.7	1.0	2.8
LSD VALUE	2.6	3.2	2.9
C.V. (%)	24.3	47.4	35.9

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/ CRABGRASS RATED AT "ME1" IN 2005, AND AT "RI1" IN 2007.

TABLE 41D. CRABGRASS RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
BERKSHIRE	8.7	8.7	8.7
OXFORD	7.7	9.0	8.3
FIREFLY (SPM)	8.0	8.7	8.3
SCALDIS	8.0	8.3	8.2
SPARTAN II (PICK HF #2)	7.0	9.0	8.0
GOTHAM (IS-FL 28)	6.3	9.0	7.7
PREDATOR	6.3	8.7	7.5
RELIANT IV (A01630REL)	6.0	9.0	7.5
SRX 3K	7.7	7.0	7.3
QUATRO	6.7	7.7	7.2
SR 3000	7.0	7.0	7.0
LSD VALUE	2.9	1.4	2.1
C.V. (%)	24.7	10.6	17.7

TABLE 41E. CRABGRASS RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

CRABGRASS RATINGS 1-9; 9=NONE 3/

NAME	ME1	RI1	MEAN
SEABREEZE	7.3	2.7	5.0
SHORELINE (SRX 55R)	6.0	3.3	4.7
DAWSON E	4.3	2.7	3.5
LSD VALUE	2.7	2.5	2.6
C.V. (%)	28.9	52.9	40.9

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/ CRABGRASS RATED AT "ME1" IN 2005, AND AT "RI1" IN 2007.

TABLE 42A. WEEDINESS RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
BERKSHIRE	9.0
GARNET (PICK CRF 1-03)	8.0
OXFORD	8.0
EPIC (5001)	7.7
FIREFLY (SPM)	7.7
WENDY JEAN (C03-RCE)	7.7
FORTITUDE (TL 53)	7.3
PREDATOR	7.3
RELIANT IV (A01630REL)	7.3
SPARTAN II (PICK HF #2)	7.3
TL1	7.3
ZODIAC (BUR 4601)	7.3
7 SEAS	7.0
COMPASS (ACF 188)	7.0
GOTHAM (IS-FL 28)	7.0
LONGFELLOW II	7.0
PATHFINDER	7.0
C-SMX	6.7
DLF-RCM	6.7
DP 77-9360	6.7
DP 77-9578	6.7
SCALDIS	6.7
SR 3000	6.7
TREAZURE II (PST-4TZ)	6.7
AMBASSADOR	6.3
CELESTIAL	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9579	6.3
IS-FRR 23	6.3
JASPER II	6.3
LACROSSE (IS-FRC 17)	6.3
PST-8000	6.3
AUDUBON	6.0
CARDINAL (IS-FRR 30)	6.0
CASCADE	6.0
CULUMBRA II (ACF 174)	6.0
DP 77-9886	6.0
MUSICA	6.0
SHORELINE (SRX 55R)	6.0
SR 5130 (SRX 51G)	6.0
C03-4676	5.7
J-5 (JAMESTOWN 5)	5.7
RAZOR	5.7
SRX 3K	5.7
BMXC-S02	5.3
SEABREEZE	5.3

TABLE 42A. WEEDINESS RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
SPLENDOR (ASC 245)	5.3
QUATRO	5.0
SHADEMASTER	5.0
DP 77-9885	4.7
ORACLE	4.7
DAWSON E	4.3
BOREAL	3.7
LSD VALUE	2.0
C.V. (%)	19.9

TABLE 42B. WEEDINESS RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
ZODIAC (BUR 4601)	7.3
7 SEAS	7.0
COMPASS (ACF 188)	7.0
LONGFELLOW II	7.0
TREAZURE II (PST-4TZ)	6.7
AMBASSADOR	6.3
LACROSSE (IS-FRC 17)	6.3
CASCADE	6.0
CULUMBRA II (ACF 174)	6.0
DP 77-9886	6.0
MUSICA	6.0
SR 5130 (SRX 51G)	6.0
J-5 (JAMESTOWN 5)	5.7
DP 77-9885	4.7
LSD VALUE	1.9
C.V. (%)	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.

3/ WEEDINESS RATED IN 2005 ONLY.

TABLE 42C. WEEDINESS RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
GARNET (PICK CRF 1-03)	8.0
EPIC (5001)	7.7
WENDY JEAN (C03-RCE)	7.7
FORTITUDE (TL 53)	7.3
TL1	7.3
PATHFINDER	7.0
C-SMX	6.7
DLF-RCM	6.7
DP 77-9360	6.7
DP 77-9578	6.7
CELESTIAL	6.3
CLASS ONE (IS-FRR 29)	6.3
DP 77-9579	6.3
IS-FRR 23	6.3
JASPER II	6.3
PST-8000	6.3
AUDUBON	6.0
CARDINAL (IS-FRR 30)	6.0
C03-4676	5.7
RAZOR	5.7
BMXC-S02	5.3
SPLENDOR (ASC 245)	5.3
SHADEMASTER	5.0
ORACLE	4.7
BOREAL	3.7
LSD VALUE	2.0
C.V. (%)	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/ WEEDINESS RATED IN 2005 ONLY.

TABLE 42D. WEEDINESS RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
BERKSHIRE	9.0
OXFORD	8.0
FIREFLY (SPM)	7.7
PREDATOR	7.3
RELIANT IV (A01630REL)	7.3
SPARTAN II (PICK HF #2)	7.3
GOTHAM (IS-FL 28)	7.0
SCALDIS	6.7
SR 3000	6.7
SRX 3K	5.7
QUATRO	5.0
LSD VALUE	2.3
C.V. (%)	20.2

TABLE 42E. WEEDINESS RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

WEEDINESS RATINGS 1-9; 9=NONE 3/

NAME	ME1
SHORELINE (SRX 55R)	6.0
SEABREEZE	5.3
DAWSON E	4.3
LSD VALUE	2.0
C.V. (%)	23.9

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/ WEEDINESS RATED IN 2005 ONLY.

TABLE 43A. PERCENT POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
BOREAL	43.7	10.0	26.8
SRX 3K	39.0	13.3	26.2
SHADEMASTER	29.7	16.7	23.2
AUDUBON	28.7	16.7	22.7
QUATRO	33.0	10.0	21.5
SCALDIS	28.3	11.7	20.0
CELESTIAL	18.0	20.0	19.0
BERKSHIRE	24.3	13.3	18.8
ORACLE	23.7	13.3	18.5
C03-4676	24.7	11.7	18.2
DP 77-9885	5.0	26.7	15.8
GOTHAM (IS-FL 28)	19.7	11.7	15.7
OXFORD	24.7	6.7	15.7
DP 77-9579	16.0	13.3	14.7
SR 3000	17.7	11.7	14.7
IS-FRR 23	21.0	6.7	13.8
RELIANT IV (A01630REL)	21.0	6.7	13.8
FIREFLY (SPM)	9.0	18.3	13.7
LONGFELLOW II	9.7	16.7	13.2
RAZOR	14.0	11.7	12.8
DLF-RCM	10.3	15.0	12.7
SPARTAN II (PICK HF #2)	17.0	8.3	12.7
PREDATOR	11.0	13.3	12.2
DP 77-9578	14.0	10.0	12.0
TL1	17.0	6.7	11.8
SPLENDOR (ASC 245)	13.7	10.0	11.8
CASCADE	15.7	6.7	11.2
BMXC-S02	13.0	8.3	10.7
SEABREEZE	12.0	9.3	10.7
CLASS ONE (IS-FRR 29)	14.7	6.7	10.7
COMPASS (ACF 188)	12.3	8.3	10.3
CARDINAL (IS-FRR 30)	15.7	5.0	10.3
FORTITUDE (TL 53)	10.7	10.0	10.3
DP 77-9360	13.7	6.7	10.2
DAWSON E	13.0	6.7	9.8
SHORELINE (SRX 55R)	12.0	6.7	9.3
PATHFINDER	11.7	6.7	9.2
JASPER II	13.0	5.0	9.0
MUSICA	6.0	10.0	8.0
C-SMX	9.0	6.7	7.8
J-5 (JAMESTOWN 5)	7.3	8.3	7.8
SR 5130 (SRX 51G)	7.3	8.3	7.8
AMBASSADOR	8.3	6.7	7.5
CULUMBRA II (ACF 174)	8.3	6.7	7.5
WENDY JEAN (C03-RCE)	8.3	6.7	7.5
PST-8000	9.7	5.0	7.3
7 SEAS	4.0	10.0	7.0

TABLE 43A. PERCENT POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
EPIC (5001)	7.3	6.7	7.0
ZODIAC (BUR 4601)	7.3	6.7	7.0
GARNET (PICK CRF 1-03)	8.7	5.0	6.8
TREAZURE II (PST-4TZ)	6.3	5.0	5.7
DP 77-9886	6.0	5.0	5.5
LACROSSE (IS-FRC 17)	5.3	5.0	5.2
LSD VALUE	12.2	10.4	11.3
C.V. (%)	50.1	66.5	58.3

TABLE 43B. PERCENT POA ANNUA RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
DP 77-9885	5.0	26.7	15.8
LONGFELLOW II	9.7	16.7	13.2
CASCADE	15.7	6.7	11.2
COMPASS (ACF 188)	12.3	8.3	10.3
MUSICA	6.0	10.0	8.0
J-5 (JAMESTOWN 5)	7.3	8.3	7.8
SR 5130 (SRX 51G)	7.3	8.3	7.8
AMBASSADOR	8.3	6.7	7.5
CULUMBRA II (ACF 174)	8.3	6.7	7.5
7 SEAS	4.0	10.0	7.0
ZODIAC (BUR 4601)	7.3	6.7	7.0
TREAZURE II (PST-4TZ)	6.3	5.0	5.7
DP 77-9886	6.0	5.0	5.5
LACROSSE (IS-FRC 17)	5.3	5.0	5.2
LSD VALUE	8.7	14.1	11.4
C.V. (%)	69.5	94.4	81.9

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 POA ANNUA RATED AT "MA1" IN 2005, AND AT "WA3" IN 2007.

TABLE 43C. PERCENT POA ANNUA RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
BOREAL	43.7	10.0	26.8
SHADEMASTER	29.7	16.7	23.2
AUDUBON	28.7	16.7	22.7
CELESTIAL	18.0	20.0	19.0
ORACLE	23.7	13.3	18.5
C03-4676	24.7	11.7	18.2
DP 77-9579	16.0	13.3	14.7
IS-FRR 23	21.0	6.7	13.8
RAZOR	14.0	11.7	12.8
DLF-RCM	10.3	15.0	12.7
DP 77-9578	14.0	10.0	12.0
TL1	17.0	6.7	11.8
SPLENDOR (ASC 245)	13.7	10.0	11.8
BMXC-S02	13.0	8.3	10.7
CLASS ONE (IS-FRR 29)	14.7	6.7	10.7
CARDINAL (IS-FRR 30)	15.7	5.0	10.3
FORTITUDE (TL 53)	10.7	10.0	10.3
DP 77-9360	13.7	6.7	10.2
PATHFINDER	11.7	6.7	9.2
JASPER II	13.0	5.0	9.0
C-SMX	9.0	6.7	7.8
WENDY JEAN (C03-RCE)	8.3	6.7	7.5
PST-8000	9.7	5.0	7.3
EPIC (5001)	7.3	6.7	7.0
GARNET (PICK CRF 1-03)	8.7	5.0	6.8
LSD VALUE	12.0	8.8	10.4
C.V. (%)	45.6	57.1	51.3

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 POA ANNUA RATED AT "MA1" IN 2005, AND AT "WA3" IN 2007.

TABLE 43D. PERCENT POA ANNUA RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
SRX 3K	39.0	13.3	26.2
QUATRO	33.0	10.0	21.5
SCALDIS	28.3	11.7	20.0
BERKSHIRE	24.3	13.3	18.8
GOTHAM (IS-FL 28)	19.7	11.7	15.7
OXFORD	24.7	6.7	15.7
SR 3000	17.7	11.7	14.7
RELIANT IV (A01630REL)	21.0	6.7	13.8
FIREFLY (SPM)	9.0	18.3	13.7
SPARTAN II (PICK HF #2)	17.0	8.3	12.7
PREDATOR	11.0	13.3	12.2
LSD VALUE	16.0	9.2	12.6
C.V. (%)	44.8	50.2	47.5

TABLE 43E. PERCENT POA ANNUA RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/ 3/

NAME	MA1	WA3	MEAN
SEABREEZE	12.0	9.3	10.7
DAWSON E	13.0	6.7	9.8
SHORELINE (SRX 55R)	12.0	6.7	9.3
LSD VALUE	11.0	6.8	8.9
C.V. (%)	55.6	55.6	55.6

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 POA ANNUA RATED AT "MA1" IN 2005, AND AT "WA3" IN 2007.

TABLE 44A. SUMMER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
CLASS ONE (IS-FRR 29)	6.0
COMPASS (ACF 188)	6.0
DAWSON E	6.0
LONGFELLOW II	6.0
PREDATOR	6.0
SR 5130 (SRX 51G)	6.0
AMBASSADOR	5.7
BERKSHIRE	5.7
CARDINAL (IS-FRR 30)	5.7
CELESTIAL	5.7
EPIC (5001)	5.7
FIREFLY (SPM)	5.7
GARNET (PICK CRF 1-03)	5.7
J-5 (JAMESTOWN 5)	5.7
PATHFINDER	5.7
PST-8000	5.7
RAZOR	5.7
SEABREEZE	5.7
AUDUBON	5.3
DLF-RCM	5.3
DP 77-9579	5.3
DP 77-9885	5.3
GOTHAM (IS-FL 28)	5.3
QUATRO	5.3
RELIANT IV (A01630REL)	5.3
TL1	5.3
TREAZURE II (PST-4TZ)	5.3
ZODIAC (BUR 4601)	5.3
7 SEAS	5.0
BMXC-S02	5.0
C-SMX	5.0
C03-4676	5.0
CULUMBRA II (ACF 174)	5.0
DP 77-9360	5.0
DP 77-9578	5.0
FORTITUDE (TL 53)	5.0
IS-FRR 23	5.0
LACROSSE (IS-FRC 17)	5.0
ORACLE	5.0
OXFORD	5.0
SCALDIS	5.0
SPARTAN II (PICK HF #2)	5.0
SPLENDOR (ASC 245)	5.0
BOREAL	4.7
DP 77-9886	4.7
MUSICA	4.7

TABLE 44A. SUMMER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
SHORELINE (SRX 55R)	4.7
SRX 3K	4.7
WENDY JEAN (C03-RCE)	4.7
CASCADE	4.3
JASPER II	4.3
SHADEMASTER	4.3
SR 3000	4.3
LSD VALUE	1.2
C.V. (%)	14.8

TABLE 44B. SUMMER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
COMPASS (ACF 188)	6.0
LONGFELLOW II	6.0
SR 5130 (SRX 51G)	6.0
AMBASSADOR	5.7
J-5 (JAMESTOWN 5)	5.7
DP 77-9885	5.3
TREAZURE II (PST-4TZ)	5.3
ZODIAC (BUR 4601)	5.3
7 SEAS	5.0
CULUMBRA II (ACF 174)	5.0
LACROSSE (IS-FRC 17)	5.0
DP 77-9886	4.7
MUSICA	4.7
CASCADE	4.3
LSD VALUE	1.3
C.V. (%)	14.9

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/ SUMMER COLOR RATED IN 2006 ONLY.

TABLE 44C. SUMMER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
CLASS ONE (IS-FRR 29)	6.0
CARDINAL (IS-FRR 30)	5.7
CELESTIAL	5.7
EPIC (5001)	5.7
GARNET (PICK CRF 1-03)	5.7
PATHFINDER	5.7
PST-8000	5.7
RAZOR	5.7
AUDUBON	5.3
DLF-RCM	5.3
DP 77-9579	5.3
TL1	5.3
BMXC-S02	5.0
C-SMX	5.0
C03-4676	5.0
DP 77-9360	5.0
DP 77-9578	5.0
FORTITUDE (TL 53)	5.0
IS-FRR 23	5.0
ORACLE	5.0
SPLENDOR (ASC 245)	5.0
BOREAL	4.7
WENDY JEAN (C03-RCE)	4.7
JASPER II	4.3
SHADEMASTER	4.3
LSD VALUE	1.2
C.V. (%)	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.
- 3/ SUMMER COLOR RATED IN 2006 ONLY.

TABLE 44D. SUMMER COLOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
PREDATOR	6.0
BERKSHIRE	5.7
FIREFLY (SPM)	5.7
GOTHAM (IS-FL 28)	5.3
QUATRO	5.3
RELIANT IV (A01630REL)	5.3
OXFORD	5.0
SCALDIS	5.0
SPARTAN II (PICK HF #2)	5.0
SRX 3K	4.7
SR 3000	4.3
LSD VALUE	1.5
C.V. (%)	17.7

TABLE 44E. SUMMER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

SUMMER COLOR RATINGS 1-9; 9=BEST 3/

NAME	WA3
DAWSON E	6.0
SEABREEZE	5.7
SHORELINE (SRX 55R)	4.7
LSD VALUE	0.8
C.V. (%)	8.7

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 COLOR RATED IN 2006 ONLY.

TABLE 45A. DISEASE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
SHADEMASTER	7.0
ORACLE	6.7
QUATRO	6.3
C03-4676	6.0
SR 3000	6.0
BOREAL	5.7
IS-FRR 23	5.7
PREDATOR	5.7
BERKSHIRE	5.3
CASCADE	5.3
DP 77-9578	5.3
SCALDIS	5.3
WENDY JEAN (C03-RCE)	5.3
ZODIAC (BUR 4601)	5.3
AUDUBON	5.0
C-SMX	5.0
DAWSON E	5.0
GARNET (PICK CRF 1-03)	5.0
OXFORD	5.0
PATHFINDER	5.0
RELIANT IV (A01630REL)	5.0
SEABREEZE	5.0
DLF-RCM	4.7
DP 77-9360	4.7
FORTITUDE (TL 53)	4.7
GOTHAM (IS-FL 28)	4.7
JASPER II	4.7
TL1	4.7
CLASS ONE (IS-FRR 29)	4.3
FIREFLY (SPM)	4.3
J-5 (JAMESTOWN 5)	4.3
PST-8000	4.3
SPLENDOR (ASC 245)	4.3
SRX 3K	4.3
BMXC-S02	4.0
CARDINAL (IS-FRR 30)	4.0
CULUMBRA II (ACF 174)	4.0
DP 77-9579	4.0
EPIC (5001)	4.0
LACROSSE (IS-FRC 17)	4.0
RAZOR	4.0
7 SEAS	3.7
CELESTIAL	3.7
DP 77-9885	3.7
SPARTAN II (PICK HF #2)	3.7
COMPASS (ACF 188)	3.3

TABLE 45A. DISEASE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) 2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
DP 77-9886	3.3
LONGFELLOW II	3.3
SR 5130 (SRX 51G)	3.3
AMBASSADOR	3.0
TREAZURE II (PST-4TZ)	3.0
MUSICA	2.7
SHORELINE (SRX 55R)	2.7
LSD VALUE	1.7
C.V. (%)	22.7

TABLE 45B. DISEASE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
CASCADE	5.3
ZODIAC (BUR 4601)	5.3
J-5 (JAMESTOWN 5)	4.3
CULUMBRA II (ACF 174)	4.0
LACROSSE (IS-FRC 17)	4.0
7 SEAS	3.7
DP 77-9885	3.7
COMPASS (ACF 188)	3.3
DP 77-9886	3.3
LONGFELLOW II	3.3
SR 5130 (SRX 51G)	3.3
AMBASSADOR	3.0
TREAZURE II (PST-4TZ)	3.0
MUSICA	2.7
LSD VALUE	1.4
C.V. (%)	23.0

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/ DISEASE RATED IN 2004 ONLY.

TABLE 45C. DISEASE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
SHADEMASTER	7.0
ORACLE	6.7
C03-4676	6.0
BOREAL	5.7
IS-FRR 23	5.7
DP 77-9578	5.3
WENDY JEAN (C03-RCE)	5.3
AUDUBON	5.0
C-SMX	5.0
GARNET (PICK CRF 1-03)	5.0
PATHFINDER	5.0
DLF-RCM	4.7
DP 77-9360	4.7
FORTITUDE (TL 53)	4.7
JASPER II	4.7
TL1	4.7
CLASS ONE (IS-FRR 29)	4.3
PST-8000	4.3
SPLENDOR (ASC 245)	4.3
BMXC-S02	4.0
CARDINAL (IS-FRR 30)	4.0
DP 77-9579	4.0
EPIC (5001)	4.0
RAZOR	4.0
CELESTIAL	3.7
LSD VALUE	1.6
C.V. (%)	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/ DISEASE RATED IN 2004 ONLY.

TABLE 45D. DISEASE RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
QUATRO	6.3
SR 3000	6.0
PREDATOR	5.7
BERKSHIRE	5.3
SCALDIS	5.3
OXFORD	5.0
RELIANT IV (A01630REL)	5.0
GOTHAM (IS-FL 28)	4.7
FIREFLY (SPM)	4.3
SRX 3K	4.3
SPARTAN II (PICK HF #2)	3.7
LSD VALUE	2.2
C.V. (%)	26.4

TABLE 45E. DISEASE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

DISEASE RATINGS 1-9; 9=NO DISEASE 3/

NAME	WA3
DAWSON E	5.0
SEABREEZE	5.0
SHORELINE (SRX 55R)	2.7
LSD VALUE	1.4
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/ DISEASE RATED IN 2004 ONLY.

TABLE 46A. NET BLOTCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
EPIC (5001)	7.3
CARDINAL (IS-FRR 30)	7.0
GARNET (PICK CRF 1-03)	7.0
FORTITUDE (TL 53)	6.7
PST-8000	6.7
WENDY JEAN (C03-RCE)	6.7
BMXC-S02	6.3
DLF-RCM	6.3
DP 77-9360	6.3
MUSICA	6.3
CLASS ONE (IS-FRR 29)	6.0
DP 77-9886	6.0
GOTHAM (IS-FL 28)	6.0
PATHFINDER	6.0
TREAZURE II (PST-4TZ)	6.0
7 SEAS	5.7
DP 77-9578	5.7
DP 77-9579	5.7
LONGFELLOW II	5.7
OXFORD	5.7
PREDATOR	5.7
RELIANT IV (A01630REL)	5.7
SHORELINE (SRX 55R)	5.7
SPLENDOR (ASC 245)	5.7
SR 5130 (SRX 51G)	5.7
TL1	5.7
ZODIAC (BUR 4601)	5.7
AMBASSADOR	5.3
CASCADE	5.3
CELESTIAL	5.3
DP 77-9885	5.3
FIREFLY (SPM)	5.3
J-5 (JAMESTOWN 5)	5.3
SPARTAN II (PICK HF #2)	5.3
BERKSHIRE	5.0
C03-4676	5.0
COMPASS (ACF 188)	5.0
QUATRO	5.0
SHADEMASTER	5.0
SR 3000	5.0
BOREAL	4.7
SRX 3K	4.7
C-SMX	4.3
SCALDIS	4.3
AUDUBON	4.0
CULUMBRA II (ACF 174)	4.0

TABLE 46A. NET BLOTCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
LACROSSE (IS-FRC 17)	4.0
SEABREEZE	4.0
IS-FRR 23	3.7
RAZOR	3.7
DAWSON E	3.3
JASPER II	3.3
ORACLE	3.3
LSD VALUE	1.5
C.V. (%)	17.4

TABLE 46B. NET BLOTCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
MUSICA	6.3
DP 77-9886	6.0
TREAZURE II (PST-4TZ)	6.0
7 SEAS	5.7
LONGFELLOW II	5.7
SR 5130 (SRX 51G)	5.7
ZODIAC (BUR 4601)	5.7
AMBASSADOR	5.3
CASCADE	5.3
DP 77-9885	5.3
J-5 (JAMESTOWN 5)	5.3
COMPASS (ACF 188)	5.0
CULUMBRA II (ACF 174)	4.0
LACROSSE (IS-FRC 17)	4.0
LSD VALUE	1.5
C.V. (%)	17.2

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/ NET BLOTCH RATED IN 2007 ONLY.

TABLE 46C. NET BLOTCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
EPIC (5001)	7.3
CARDINAL (IS-FRR 30)	7.0
GARNET (PICK CRF 1-03)	7.0
FORTITUDE (TL 53)	6.7
PST-8000	6.7
WENDY JEAN (C03-RCE)	6.7
BMXC-S02	6.3
DLF-RCM	6.3
DP 77-9360	6.3
CLASS ONE (IS-FRR 29)	6.0
PATHFINDER	6.0
DP 77-9578	5.7
DP 77-9579	5.7
SPLENDOR (ASC 245)	5.7
TL1	5.7
CELESTIAL	5.3
C03-4676	5.0
SHADEMASTER	5.0
BOREAL	4.7
C-SMX	4.3
AUDUBON	4.0
IS-FRR 23	3.7
RAZOR	3.7
JASPER II	3.3
ORACLE	3.3
LSD VALUE	1.6
C.V. (%)	18.6

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/ NET BLOTCH RATED IN 2007 ONLY.

TABLE 46D. NET BLOTCH RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
GOTHAM (IS-FL 28)	6.0
OXFORD	5.7
PREDATOR	5.7
RELIANT IV (A01630REL)	5.7
FIREFLY (SPM)	5.3
SPARTAN II (PICK HF #2)	5.3
BERKSHIRE	5.0
QUATRO	5.0
SR 3000	5.0
SRX 3K	4.7
SCALDIS	4.3
LSD VALUE	1.1
C.V. (%)	13.3

TABLE 46E. NET BLOTCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
2004-07 DATA 2/

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 3/

NAME	SD1
SHORELINE (SRX 55R)	5.7
SEABREEZE	4.0
DAWSON E	3.3
LSD VALUE	1.5
C.V. (%)	21.8

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 2007 ONLY.

TABLE 47A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
 AT KINGSTON, RI 1/
 2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
SPARTAN II (PICK HF #2)	8.3	9.0	8.7
OXFORD	7.7	9.0	8.3
BERKSHIRE	7.3	9.0	8.2
GOTHAM (IS-FL 28)	7.3	9.0	8.2
SR 3000	7.0	8.7	7.8
RELIANT IV (A01630REL)	6.3	9.0	7.7
PREDATOR	5.7	8.7	7.2
SRX 3K	5.7	8.7	7.2
FIREFLY (SPM)	4.3	9.0	6.7
FORTITUDE (TL 53)	6.0	7.0	6.5
MUSICA	4.3	8.7	6.5
7 SEAS	5.7	6.7	6.2
DAWSON E	5.7	6.7	6.2
EPIC (5001)	6.0	6.3	6.2
CLASS ONE (IS-FRR 29)	4.7	7.3	6.0
SEABREEZE	6.7	2.0	6.0
ZODIAC (BUR 4601)	3.7	8.0	5.8
CASCADE	3.0	8.3	5.7
COMPASS (ACF 188)	4.0	7.0	5.5
DLF-RCM	5.0	6.0	5.5
DP 77-9360	3.7	7.3	5.5
SCALDIS	4.7	6.3	5.5
LACROSSE (IS-FRC 17)	3.3	7.3	5.3
SHORELINE (SRX 55R)	5.0	5.7	5.3
DP 77-9886	3.3	7.0	5.2
LONGFELLOW II	2.3	8.0	5.2
SR 5130 (SRX 51G)	4.0	6.3	5.2
QUATRO	1.0	9.0	5.0
SPLENDOR (ASC 245)	4.7	5.3	5.0
WENDY JEAN (C03-RCE)	4.0	6.0	5.0
SHADEMASTER	2.7	7.0	4.8
TREAZURE II (PST-4TZ)	3.0	6.7	4.8
AMBASSADOR	3.3	6.0	4.7
C03-4676	4.3	5.0	4.7
J-5 (JAMESTOWN 5)	2.3	7.0	4.7
C-SMX	3.7	4.7	4.2
DP 77-9578	2.3	6.0	4.2
ORACLE	2.3	6.0	4.2
CARDINAL (IS-FRR 30)	3.3	4.7	4.0
DP 77-9885	1.3	6.7	4.0
CELESTIAL	3.7	4.0	3.8
GARNET (PICK CRF 1-03)	3.7	4.0	3.8
PATHFINDER	2.7	4.7	3.7
RAZOR	5.3	2.0	3.7
JASPER II	4.3	2.7	3.5

TABLE 47A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) AT KINGSTON, RI 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
CULUMBRA II (ACF 174)	2.3	4.3	3.3
PST-8000	2.7	4.0	3.2
DP 77-9579	2.7	3.3	3.0
BMXC-S02	3.0	3.0	2.8
TL1	3.0	2.7	2.8
BOREAL	2.7	.	2.7
IS-FRR 23	2.3	3.0	2.7
AUDUBON	1.0	3.0	2.0
LSD VALUE	2.5	2.4	1.7
C.V. (%)	36.7	23.7	21.4

TABLE 47B. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
AT KINGSTON, RI 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
MUSICA	4.3	8.7	6.5
7 SEAS	5.7	6.7	6.2
ZODIAC (BUR 4601)	3.7	8.0	5.8
CASCADE	3.0	8.3	5.7
COMPASS (ACF 188)	4.0	7.0	5.5
LACROSSE (IS-FRC 17)	3.3	7.3	5.3
DP 77-9886	3.3	7.0	5.2
LONGFELLOW II	2.3	8.0	5.2
SR 5130 (SRX 51G)	4.0	6.3	5.2
TREAZURE II (PST-4TZ)	3.0	6.7	4.8
AMBASSADOR	3.3	6.0	4.7
J-5 (JAMESTOWN 5)	2.3	7.0	4.7
DP 77-9885	1.3	6.7	4.0
CULUMBRA II (ACF 174)	2.3	4.3	3.3
LSD VALUE	4.4	2.9	2.8
C.V. (%)	51.0	19.2	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.

3/ RED THREAD RATED IN 2006 ONLY.

TABLE 47C. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
AT KINGSTON, RI 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
FORTITUDE (TL 53)	6.0	7.0	6.5
EPIC (5001)	6.0	6.3	6.2
CLASS ONE (IS-FRR 29)	4.7	7.3	6.0
DLF-RCM	5.0	6.0	5.5
DP 77-9360	3.7	7.3	5.5
SPLENDOR (ASC 245)	4.7	5.3	5.0
WENDY JEAN (C03-RCE)	4.0	6.0	5.0
SHADEMASTER	2.7	7.0	4.8
C03-4676	4.3	5.0	4.7
C-SMX	3.7	4.7	4.2
DP 77-9578	2.3	6.0	4.2
ORACLE	2.3	6.0	4.2
CARDINAL (IS-FRR 30)	3.3	4.7	4.0
CELESTIAL	3.7	4.0	3.8
GARNET (PICK CRF 1-03)	3.7	4.0	3.8
PATHFINDER	2.7	4.7	3.7
RAZOR	5.3	2.0	3.7
JASPER II	4.3	2.7	3.5
PST-8000	2.7	4.0	3.2
DP 77-9579	2.7	3.3	3.0
BMXC-S02	3.0	3.0	2.8
TL1	3.0	2.7	2.8
BOREAL	2.7	.	2.7
IS-FRR 23	2.3	3.0	2.7
AUDUBON	1.0	3.0	2.0
LSD VALUE	3.2	3.1	1.9
C.V. (%)	42.0	33.8	26.5

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 2006 ONLY.

TABLE 47D. RED THREAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
AT KINGSTON, RI 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
SPARTAN II (PICK HF #2)	8.3	9.0	8.7
OXFORD	7.7	9.0	8.3
BERKSHIRE	7.3	9.0	8.2
GOTHAM (IS-FL 28)	7.3	9.0	8.2
SR 3000	7.0	8.7	7.8
RELIANT IV (A01630REL)	6.3	9.0	7.7
PREDATOR	5.7	8.7	7.2
SRX 3K	5.7	8.7	7.2
FIREFLY (SPM)	4.3	9.0	6.7
SCALDIS	4.7	6.3	5.5
QUATRO	1.0	9.0	5.0
LSD VALUE	1.8	1.4	1.2
C.V. (%)	18.9	8.3	9.6

TABLE 47E. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
AT KINGSTON, RI 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	SPRING	FALL	MEAN
DAWSON E	5.7	6.7	6.2
SEABREEZE	6.7	2.0	6.0
SHORELINE (SRX 55R)	5.0	5.7	5.3
LSD VALUE	5.0	12.6	4.2
C.V. (%)	37.2	70.7	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/ RED THREAD RATED IN 2006 ONLY.

TABLE 48A.

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
FIREFLY (SPM)	8.3	8.7	6.7	6.0	7.0	6.7	8.3	8.3	7.6
PREDATOR	8.0	8.3	4.7	6.3	6.3	8.0	8.0	8.7	7.4
BERKSHIRE	7.0	8.0	4.7	6.7	6.7	7.7	8.7	8.0	7.2
RELIANT IV (A01630REL)	7.0	9.0	5.0	6.3	5.7	7.3	8.0	8.3	7.2
GOTHAM (IS-FL 28)	8.0	8.3	5.0	6.7	7.0	6.3	8.3	6.0	7.1
OXFORD	7.0	8.7	5.0	6.0	6.7	6.3	8.0	8.3	7.1
SPARTAN II (PICK HF #2)	7.7	8.7	3.3	7.3	7.0	5.0	9.0	7.7	7.1
SRX 3K	7.3	9.0	3.3	7.0	7.3	5.7	8.0	8.0	7.1
SR 3000	7.0	8.3	4.0	5.7	5.7	7.3	8.0	8.3	6.9
CULUMBRA II (ACF 174)	7.7	8.7	3.3	6.7	7.0	6.3	8.3	5.3	6.8
QUATRO	7.3	8.0	5.3	6.7	7.0	5.0	8.7	5.7	6.8
SR 5130 (SRX 51G)	7.0	7.7	3.3	6.7	6.0	6.0	8.3	7.7	6.7
SCALDIS	7.3	9.0	4.3	4.3	6.0	4.3	8.0	8.0	6.6
GARNET (PICK CRF 1-03)	6.7	7.0	5.3	5.3	6.0	6.7	7.7	6.3	6.4
7 SEAS	6.0	7.3	3.7	6.0	5.3	7.0	8.3	6.7	6.3
CLASS ONE (IS-FRR 29)	6.3	6.0	4.0	5.7	6.7	6.7	8.0	7.0	6.3
DLF-RCM	5.7	6.3	4.3	7.0	7.0	6.3	7.3	6.3	6.3
CARDINAL (IS-FRR 30)	7.0	5.3	6.0	6.0	6.0	6.0	8.3	5.0	6.2
DP 77-9885	6.3	6.7	4.0	6.3	5.3	6.3	8.3	6.0	6.2
LONGFELLOW II	7.0	7.3	4.3	5.3	4.0	5.0	8.0	7.3	6.2
PST-8000	6.3	7.3	4.3	4.7	4.7	6.0	8.3	7.3	6.2
TREAZURE II (PST-4TZ)	6.3	7.7	3.0	5.7	5.7	5.3	9.0	6.0	6.2
WENDY JEAN (CO3-RCE)	6.7	7.3	5.0	5.3	6.3	5.7	7.0	5.7	6.2
COMPASS (ACF 188)	6.7	8.0	4.7	4.3	3.7	5.7	8.7	5.7	6.1
FORTITUDE (TL 53)	6.7	7.0	4.7	6.3	6.0	5.0	7.0	5.7	6.1
LACROSSE (IS-FRC 17)	7.3	8.0	3.3	5.0	4.3	5.7	7.3	6.3	6.1
J-5 (JAMESTOWN 5)	6.7	7.0	5.0	4.0	4.3	5.7	7.7	6.7	6.0
SEABREEZE	5.7	6.3	5.0	4.0	3.7	6.7	8.3	8.0	6.0
SPLENDOR (ASC 245)	7.3	8.0	3.7	4.3	3.7	6.7	6.7	6.3	6.0
AMBASSADOR	5.3	7.7	3.0	4.0	5.3	5.7	8.7	7.0	5.9
BMXC-S02	6.3	7.0	3.7	4.7	5.0	7.3	7.3	5.3	5.9
DP 77-9579	5.7	6.7	5.0	5.0	4.0	5.3	7.3	8.0	5.9
EPIC (5001)	6.0	7.0	4.3	4.7	4.3	6.7	8.3	5.3	5.9
SHORELINE (SRX 55R)	6.7	6.3	3.3	4.0	4.0	7.0	8.0	7.7	5.9
ZODIAC (BUR 4601)	6.0	7.3	3.7	5.0	4.3	5.7	8.3	6.0	5.9
CASCADE	6.3	7.7	3.3	4.7	5.0	4.3	8.7	5.0	5.8
DP 77-9886	5.3	7.3	5.0	4.3	4.3	5.3	7.7	6.3	5.8
MUSICA	7.0	6.3	5.3	5.0	4.7	5.0	7.0	5.0	5.8
CELESTIAL	6.0	6.7	4.0	5.0	4.7	7.7	5.3	6.0	5.7
IS-FRR 23	6.3	5.3	3.7	5.0	3.3	7.3	7.0	6.3	5.6
RAZOR	7.0	6.3	5.0	4.7	4.7	5.7	5.3	5.0	5.6
SHADEMASTER	6.0	8.0	4.0	5.7	2.7	4.7	5.0	7.0	5.6
TL1	6.7	6.3	4.0	4.3	4.7	5.7	6.3	5.7	5.6
C-SMX	6.0	7.0	3.0	3.3	3.7	5.7	7.0	7.7	5.5
JASPER II	6.0	5.0	4.0	4.7	5.7	6.7	7.3	4.3	5.5

TABLE 48A. (CONT'D)

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
PATHFINDER	5.7	7.7	4.7	3.0	4.0	4.3	7.3	6.0	5.5
DP 77-9360	3.0	6.7	5.0	4.7	5.0	5.0	8.7	6.0	5.4
DP 77-9578	4.0	6.7	3.3	5.0	5.0	6.7	7.0	6.0	5.4
AUDUBON	6.3	7.0	3.3	3.7	3.7	5.0	5.3	5.0	5.1
DAWSON E	5.0	6.0	3.0	3.7	3.0	6.7	7.0	4.3	4.9
C03-4676	6.3	6.3	3.3	3.0	3.0	7.0	3.7	3.3	4.7
ORACLE	5.7	6.0	3.3	3.7	4.3	3.3	5.7	4.7	4.7
BOREAL	5.3	3.3	3.3	4.0	4.3	6.3	7.0	3.7	4.6
LSD VALUE	1.3	2.6	1.9	1.9	2.2	3.3	2.7	3.1	1.4
C.V. (%)	12.1	18.3	23.0	20.8	24.4	22.7	17.5	24.3	21.6

TABLE 48B.

RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
CULUMBRA II (ACF 174)	7.7	8.7	3.3	6.7	7.0	6.3	8.3	5.3	6.8
SR 5130 (SRX 51G)	7.0	7.7	3.3	6.7	6.0	6.0	8.3	7.7	6.7
7 SEAS	6.0	7.3	3.7	6.0	5.3	7.0	8.3	6.7	6.3
DP 77-9885	6.3	6.7	4.0	6.3	5.3	6.3	8.3	6.0	6.2
LONGFELLOW II	7.0	7.3	4.3	5.3	4.0	5.0	8.0	7.3	6.2
TREAZURE II (PST-4TZ)	6.3	7.7	3.0	5.7	5.7	5.3	9.0	6.0	6.2
COMPASS (ACF 188)	6.7	8.0	4.7	4.3	3.7	5.7	8.7	5.7	6.1
LACROSSE (IS-FRC 17)	7.3	8.0	3.3	5.0	4.3	5.7	7.3	6.3	6.1
J-5 (JAMESTOWN 5)	6.7	7.0	5.0	4.0	4.3	5.7	7.7	6.7	6.0
AMBASSADOR	5.3	7.7	3.0	4.0	5.3	5.7	8.7	7.0	5.9
ZODIAC (BUR 4601)	6.0	7.3	3.7	5.0	4.3	5.7	8.3	6.0	5.9
CASCADE	6.3	7.7	3.3	4.7	5.0	4.3	8.7	5.0	5.8
DP 77-9886	5.3	7.3	5.0	4.3	4.3	5.3	7.7	6.3	5.8
MUSICA	7.0	6.3	5.3	5.0	4.7	5.0	7.0	5.0	5.8
LSD VALUE	1.4	3.6	1.9	2.1	3.5	2.6	2.9	4.7	2.8
C.V. (%)	11.2	16.0	23.3	19.8	27.8	18.2	12.5	25.8	22.3

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 48C.

RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
GARNET (PICK CRF 1-03)	6.7	7.0	5.3	5.3	6.0	6.7	7.7	6.3	6.4
CLASS ONE (IS-FRR 29)	6.3	6.0	4.0	5.7	6.7	6.7	8.0	7.0	6.3
DLF-RCM	5.7	6.3	4.3	7.0	7.0	6.3	7.3	6.3	6.3
CARDINAL (IS-FRR 30)	7.0	5.3	6.0	6.0	6.0	6.0	8.3	5.0	6.2
PST-8000	6.3	7.3	4.3	4.7	4.7	6.0	8.3	7.3	6.2
WENDY JEAN (C03-RCE)	6.7	7.3	5.0	5.3	6.3	5.7	7.0	5.7	6.2
FORTITUDE (TL 53)	6.7	7.0	4.7	6.3	6.0	5.0	7.0	5.7	6.1
SPLENDOR (ASC 245)	7.3	8.0	3.7	4.3	3.7	6.7	6.7	6.3	6.0
BMXC-S02	6.3	7.0	3.7	4.7	5.0	7.3	7.3	5.3	5.9
DP 77-9579	5.7	6.7	5.0	5.0	4.0	5.3	7.3	8.0	5.9
EPIC (5001)	6.0	7.0	4.3	4.7	4.3	6.7	8.3	5.3	5.9
CELESTIAL	6.0	6.7	4.0	5.0	4.7	7.7	5.3	6.0	5.7
IS-FRR 23	6.3	5.3	3.7	5.0	3.3	7.3	7.0	6.3	5.6
RAZOR	7.0	6.3	5.0	4.7	4.7	5.7	5.3	5.0	5.6
SHADEMASTER	6.0	8.0	4.0	5.7	2.7	4.7	5.0	7.0	5.6
TL1	6.7	6.3	4.0	4.3	4.7	5.7	6.3	5.7	5.6
C-SMX	6.0	7.0	3.0	3.3	3.7	5.7	7.0	7.7	5.5
JASPER II	6.0	5.0	4.0	4.7	5.7	6.7	7.3	4.3	5.5
PATHFINDER	5.7	7.7	4.7	3.0	4.0	4.3	7.3	6.0	5.5
DP 77-9360	3.0	6.7	5.0	4.7	5.0	5.0	8.7	6.0	5.4
DP 77-9578	4.0	6.7	3.3	5.0	5.0	6.7	7.0	6.0	5.4
AUDUBON	6.3	7.0	3.3	3.7	3.7	5.0	5.3	5.0	5.1
C03-4676	6.3	6.3	3.3	3.0	3.0	7.0	3.7	3.3	4.7
ORACLE	5.7	6.0	3.3	3.7	4.3	3.3	5.7	4.7	4.7
BOREAL	5.3	3.3	3.3	4.0	4.3	6.3	7.0	3.7	4.6
LSD VALUE	1.4	3.7	2.5	2.8	2.3	3.8	3.0	4.7	2.0
C.V. (%)	13.6	22.2	24.8	26.1	25.9	25.0	21.2	29.8	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 48D.

RED THREAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
FIREFLY (SPM)	8.3	8.7	6.7	6.0	7.0	6.7	8.3	8.3	7.6
PREDATOR	8.0	8.3	4.7	6.3	6.3	8.0	8.0	8.7	7.4
BERKSHIRE	7.0	8.0	4.7	6.7	6.7	7.7	8.7	8.0	7.2
RELIANT IV (A01630REL)	7.0	9.0	5.0	6.3	5.7	7.3	8.0	8.3	7.2
GOTHAM (IS-FL 28)	8.0	8.3	5.0	6.7	7.0	6.3	8.3	6.0	7.1
OXFORD	7.0	8.7	5.0	6.0	6.7	6.3	8.0	8.3	7.1
SPARTAN II (PICK HF #2)	7.7	8.7	3.3	7.3	7.0	5.0	9.0	7.7	7.1
SRX 3K	7.3	9.0	3.3	7.0	7.3	5.7	8.0	8.0	7.1
SR 3000	7.0	8.3	4.0	5.7	5.7	7.3	8.0	8.3	6.9
QUATRO	7.3	8.0	5.3	6.7	7.0	5.0	8.7	5.7	6.8
SCALDIS	7.3	9.0	4.3	4.3	6.0	4.3	8.0	8.0	6.6
LSD VALUE	1.5	1.7	1.4	1.3	2.5	2.2	2.8	1.8	2.2
C.V. (%)	8.5	7.6	16.5	11.0	14.8	18.4	11.3	12.4	16.4

TABLE 48E.

RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAR 04	AUG 04	MAR 05	MAY 05	JUN 05	APR 06	JUN 06	AUG 06	MEAN
SEABREEZE	5.7	6.3	5.0	4.0	3.7	6.7	8.3	8.0	6.0
SHORELINE (SRX 55R)	6.7	6.3	3.3	4.0	4.0	7.0	8.0	7.7	5.9
DAWSON E	5.0	6.0	3.0	3.7	3.0	6.7	7.0	4.3	4.9
LSD VALUE	2.8	2.6	2.4	1.5	2.0	4.5	4.8	0.9	2.1
C.V. (%)	20.8	18.2	27.9	17.1	24.8	28.7	26.6	6.1	32.1

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 49A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
OXFORD	6.3	6.0	5.7	6.0
QUATRO	6.0	6.0	6.0	6.0
FIREFLY (SPM)	6.7	5.7	5.3	5.9
GOTHAM (IS-FL 28)	6.7	6.0	5.0	5.9
RELIANT IV (A01630REL)	6.3	6.0	4.7	5.7
SPARTAN II (PICK HF #2)	6.7	5.7	4.7	5.7
BERKSHIRE	7.0	5.0	4.3	5.4
PREDATOR	6.3	5.0	4.7	5.3
SR 3000	6.0	5.0	5.0	5.3
SRX 3K	5.3	5.0	5.3	5.2
CELESTIAL	5.7	4.7	5.0	5.1
DLF-RCM	6.0	4.7	4.7	5.1
FORTITUDE (TL 53)	7.0	4.0	4.3	5.1
PST-8000	5.0	5.3	5.0	5.1
DP 77-9578	6.0	4.3	4.7	5.0
WENDY JEAN (C03-RCE)	5.3	4.7	5.0	5.0
CLASS ONE (IS-FRR 29)	5.7	4.7	4.3	4.9
EPIC (5001)	5.3	4.7	4.7	4.9
SCALDIS	5.0	5.0	4.7	4.9
DP 77-9360	6.0	4.3	4.0	4.8
CARDINAL (IS-FRR 30)	6.0	4.3	3.7	4.7
MUSICA	6.3	3.7	3.3	4.4
DP 77-9579	5.0	4.0	4.0	4.3
RAZOR	5.3	4.0	3.7	4.3
ZODIAC (BUR 4601)	7.0	3.3	2.7	4.3
7 SEAS	6.3	3.3	3.0	4.2
COMPASS (ACF 188)	6.0	3.3	3.3	4.2
LONGFELLOW II	5.3	4.3	3.0	4.2
SR 5130 (SRX 51G)	5.7	4.3	2.7	4.2
TREAZURE II (PST-4TZ)	6.3	4.0	2.3	4.2
PATHFINDER	5.0	3.3	4.0	4.1
SEABREEZE	6.3	3.3	2.7	4.1
AMBASSADOR	6.7	3.3	2.0	4.0
C-SMX	4.3	3.7	4.0	4.0
DP 77-9885	6.0	3.0	3.0	4.0
J-5 (JAMESTOWN 5)	6.0	3.3	2.7	4.0
TL1	3.7	4.0	4.3	4.0
C03-4676	3.7	3.7	4.3	3.9
DP 77-9886	5.0	3.7	3.0	3.9
GARNET (PICK CRF 1-03)	4.7	3.7	3.0	3.8
JASPER II	4.0	3.3	4.0	3.8
ORACLE	5.0	2.7	3.7	3.8
SHADEMASTER	4.7	3.0	3.7	3.8
SPLENDOR (ASC 245)	4.7	3.0	3.7	3.8
AUDUBON	4.3	2.7	4.0	3.7

TABLE 49A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
CULUMBRA II (ACF 174)	6.7	2.3	2.0	3.7
DAWSON E	3.3	3.7	4.0	3.7
SHORELINE (SRX 55R)	5.0	3.0	3.0	3.7
CASCADE	5.3	3.0	2.3	3.6
LACROSSE (IS-FRC 17)	6.0	2.3	2.3	3.6
BMXC-S02	4.3	2.7	3.3	3.4
IS-FRR 23	3.7	3.0	3.3	3.3
BOREAL	4.0	2.3	2.7	3.0
LSD VALUE	1.6	1.0	1.3	0.7
C.V. (%)	16.8	16.8	20.9	10.8

TABLE 49B. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
MUSICA	6.3	3.7	3.3	4.4
ZODIAC (BUR 4601)	7.0	3.3	2.7	4.3
7 SEAS	6.3	3.3	3.0	4.2
COMPASS (ACF 188)	6.0	3.3	3.3	4.2
LONGFELLOW II	5.3	4.3	3.0	4.2
SR 5130 (SRX 51G)	5.7	4.3	2.7	4.2
TREAZURE II (PST-4TZ)	6.3	4.0	2.3	4.2
AMBASSADOR	6.7	3.3	2.0	4.0
DP 77-9885	6.0	3.0	3.0	4.0
J-5 (JAMESTOWN 5)	6.0	3.3	2.7	4.0
DP 77-9886	5.0	3.7	3.0	3.9
CULUMBRA II (ACF 174)	6.7	2.3	2.0	3.7
CASCADE	5.3	3.0	2.3	3.6
LACROSSE (IS-FRC 17)	6.0	2.3	2.3	3.6
LSD VALUE	2.7	0.9	1.9	1.0
C.V. (%)	16.1	15.2	26.9	9.9

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 2006 ONLY.

TABLE 49C. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
CELESTIAL	5.7	4.7	5.0	5.1
DLF-RCM	6.0	4.7	4.7	5.1
FORTITUDE (TL 53)	7.0	4.0	4.3	5.1
PST-8000	5.0	5.3	5.0	5.1
DP 77-9578	6.0	4.3	4.7	5.0
WENDY JEAN (C03-RCE)	5.3	4.7	5.0	5.0
CLASS ONE (IS-FRR 29)	5.7	4.7	4.3	4.9
EPIC (5001)	5.3	4.7	4.7	4.9
DP 77-9360	6.0	4.3	4.0	4.8
CARDINAL (IS-FRR 30)	6.0	4.3	3.7	4.7
DP 77-9579	5.0	4.0	4.0	4.3
RAZOR	5.3	4.0	3.7	4.3
PATHFINDER	5.0	3.3	4.0	4.1
C-SMX	4.3	3.7	4.0	4.0
TL1	3.7	4.0	4.3	4.0
C03-4676	3.7	3.7	4.3	3.9
GARNET (PICK CRF 1-03)	4.7	3.7	3.0	3.8
JASPER II	4.0	3.3	4.0	3.8
ORACLE	5.0	2.7	3.7	3.8
SHADEMASTER	4.7	3.0	3.7	3.8
SPLENDOR (ASC 245)	4.7	3.0	3.7	3.8
AUDUBON	4.3	2.7	4.0	3.7
BMXC-S02	4.3	2.7	3.3	3.4
IS-FRR 23	3.7	3.0	3.3	3.3
BOREAL	4.0	2.3	2.7	3.0
LSD VALUE	1.9	1.3	1.9	0.9
C.V. (%)	19.7	20.0	20.2	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/ RED THREAD RATED IN 2006 ONLY.

TABLE 49D. RED THREAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
OXFORD	6.3	6.0	5.7	6.0
QUATRO	6.0	6.0	6.0	6.0
FIREFLY (SPM)	6.7	5.7	5.3	5.9
GOTHAM (IS-FL 28)	6.7	6.0	5.0	5.9
RELIANT IV (A01630REL)	6.3	6.0	4.7	5.7
SPARTAN II (PICK HF #2)	6.7	5.7	4.7	5.7
BERKSHIRE	7.0	5.0	4.3	5.4
PREDATOR	6.3	5.0	4.7	5.3
SR 3000	6.0	5.0	5.0	5.3
SRX 3K	5.3	5.0	5.3	5.2
SCALDIS	5.0	5.0	4.7	4.9
LSD VALUE	1.3	1.2	2.3	0.8
C.V. (%)	10.6	10.4	17.2	7.3

TABLE 49E. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2004-07 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	NOVEMBER	DECEMBER	MEAN
SEABREEZE	6.3	3.3	2.7	4.1
DAWSON E	3.3	3.7	4.0	3.7
SHORELINE (SRX 55R)	5.0	3.0	3.0	3.7
LSD VALUE	2.8	1.9	1.8	1.4
C.V. (%)	24.6	24.5	24.3	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.

3/ RED THREAD RATED IN 2006 ONLY.

TABLE 50A. PERCENT POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT PUYALLUP, WA 2/
 2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
SHADEMASTER	33.3	25.0	25.0	27.8
DP 77-9885	26.7	21.7	28.3	25.6
CELESTIAL	25.0	20.0	30.0	25.0
SRX 3K	30.0	20.0	20.0	23.3
AUDUBON	21.7	25.0	20.0	22.2
DLF-RCM	25.0	15.0	26.7	22.2
LONGFELLOW II	25.0	21.7	18.3	21.7
PREDATOR	20.0	25.0	15.0	20.0
BERKSHIRE	23.3	13.3	21.7	19.4
FIREFLY (SPM)	20.0	26.7	11.7	19.4
C03-4676	23.3	13.3	18.3	18.3
DP 77-9579	15.0	15.0	23.3	17.8
SPLENDOR (ASC 245)	16.7	15.0	20.0	17.2
GOTHAM (IS-FL 28)	20.0	13.3	16.7	16.7
7 SEAS	13.3	20.0	15.0	16.1
J-5 (JAMESTOWN 5)	13.3	20.0	15.0	16.1
QUATRO	16.7	16.7	15.0	16.1
SR 3000	15.0	16.7	16.7	16.1
SHORELINE (SRX 55R)	16.7	18.3	10.0	15.0
CARDINAL (IS-FRR 30)	13.3	10.0	20.0	14.4
SEABREEZE	13.3	11.7	18.3	14.4
SCALDIS	10.0	16.7	15.0	13.9
TL1	11.7	13.3	16.7	13.9
CLASS ONE (IS-FRR 29)	13.3	11.7	15.0	13.3
BOREAL	10.0	11.7	16.7	12.8
DP 77-9360	13.3	11.7	13.3	12.8
OXFORD	11.7	13.3	13.3	12.8
DP 77-9578	16.7	6.7	13.3	12.2
GARNET (PICK CRF 1-03)	13.3	11.7	10.0	11.7
ORACLE	10.0	10.0	15.0	11.7
C-SMX	8.3	11.7	13.3	11.1
IS-FRR 23	10.7	10.0	11.7	10.8
PATHFINDER	11.7	10.0	10.0	10.6
PST-8000	6.7	11.7	13.3	10.6
RAZOR	10.0	8.3	13.3	10.6
RELIANT IV (A01630REL)	11.7	13.3	6.7	10.6
SPARTAN II (PICK HF #2)	13.3	10.0	8.3	10.6
FORTITUDE (TL 53)	8.3	11.7	10.0	10.0
COMPASS (ACF 188)	8.3	11.7	8.3	9.4
WENDY JEAN (C03-RCE)	14.0	8.3	5.0	9.1
BMXC-S02	10.0	6.7	10.0	8.9
CULUMBRA II (ACF 174)	6.7	8.3	11.7	8.9
DAWSON E	13.3	8.3	5.0	8.9
JASPER II	6.7	8.3	11.7	8.9
LACROSSE (IS-FRC 17)	6.7	10.0	8.3	8.3
EPIC (5001)	4.0	6.7	11.7	7.4
SR 5130 (SRX 51G)	5.7	10.0	6.7	7.4

TABLE 50A. PERCENT POA ANNUA RATINGS OF FINELEAF FESCUE CULTIVARS 1/
(CONT'D) AT PUYALLUP, WA 2/
2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
CASCADE	5.0	11.7	5.0	7.2
MUSICA	3.0	10.0	8.3	7.1
AMBASSADOR	5.7	5.0	6.7	5.8
ZODIAC (BUR 4601)	3.0	5.0	6.7	4.9
DP 77-9886	4.0	5.0	3.3	4.1
TREAZURE II (PST-4TZ)	2.0	6.7	3.3	4.0
LSD VALUE	25.7	19.0	26.1	20.4
C.V. (%)	75.3	58.1	67.3	59.4

TABLE 50B. PERCENT POA ANNUA RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
AT PUYALLUP, WA 2/
2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
DP 77-9885	26.7	21.7	28.3	25.6
LONGFELLOW II	25.0	21.7	18.3	21.7
7 SEAS	13.3	20.0	15.0	16.1
J-5 (JAMESTOWN 5)	13.3	20.0	15.0	16.1
COMPASS (ACF 188)	8.3	11.7	8.3	9.4
CULUMBRA II (ACF 174)	6.7	8.3	11.7	8.9
LACROSSE (IS-FRC 17)	6.7	10.0	8.3	8.3
SR 5130 (SRX 51G)	5.7	10.0	6.7	7.4
CASCADE	5.0	11.7	5.0	7.2
MUSICA	3.0	10.0	8.3	7.1
AMBASSADOR	5.7	5.0	6.7	5.8
ZODIAC (BUR 4601)	3.0	5.0	6.7	4.9
DP 77-9886	4.0	5.0	3.3	4.1
TREAZURE II (PST-4TZ)	2.0	6.7	3.3	4.0
LSD VALUE	23.1	20.7	29.8	23.0
C.V. (%)	110.9	73.1	108.2	91.0

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 ONLY.

TABLE 50C. PERCENT POA ANNUA RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT PUYALLUP, WA 2/
 2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
SHADEMASTER	33.3	25.0	25.0	27.8
CELESTIAL	25.0	20.0	30.0	25.0
AUDUBON	21.7	25.0	20.0	22.2
DLF-RCM	25.0	15.0	26.7	22.2
C03-4676	23.3	13.3	18.3	18.3
DP 77-9579	15.0	15.0	23.3	17.8
SPLENDOR (ASC 245)	16.7	15.0	20.0	17.2
CARDINAL (IS-FRR 30)	13.3	10.0	20.0	14.4
TL1	11.7	13.3	16.7	13.9
CLASS ONE (IS-FRR 29)	13.3	11.7	15.0	13.3
BOREAL	10.0	11.7	16.7	12.8
DP 77-9360	13.3	11.7	13.3	12.8
DP 77-9578	16.7	6.7	13.3	12.2
GARNET (PICK CRF 1-03)	13.3	11.7	10.0	11.7
ORACLE	10.0	10.0	15.0	11.7
C-SMX	8.3	11.7	13.3	11.1
IS-FRR 23	10.7	10.0	11.7	10.8
PATHFINDER	11.7	10.0	10.0	10.6
PST-8000	6.7	11.7	13.3	10.6
RAZOR	10.0	8.3	13.3	10.6
FORTITUDE (TL 53)	8.3	11.7	10.0	10.0
WENDY JEAN (C03-RCE)	14.0	8.3	5.0	9.1
BMXC-S02	10.0	6.7	10.0	8.9
JASPER II	6.7	8.3	11.7	8.9
EPIC (5001)	4.0	6.7	11.7	7.4
LSD VALUE	29.6	15.4	24.9	19.8
C.V. (%)	75.5	52.8	57.8	55.0

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 ONLY.

TABLE 50D. PERCENT POA ANNUA RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/
 AT PUYALLUP, WA 2/
 2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
SRX 3K	30.0	20.0	20.0	23.3
PREDATOR	20.0	25.0	15.0	20.0
BERKSHIRE	23.3	13.3	21.7	19.4
FIREFLY (SPM)	20.0	26.7	11.7	19.4
GOTHAM (IS-FL 28)	20.0	13.3	16.7	16.7
QUATRO	16.7	16.7	15.0	16.1
SR 3000	15.0	16.7	16.7	16.1
SCALDIS	10.0	16.7	15.0	13.9
OXFORD	11.7	13.3	13.3	12.8
RELIANT IV (A01630REL)	11.7	13.3	6.7	10.6
SPARTAN II (PICK HF #2)	13.3	10.0	8.3	10.6
LSD VALUE	28.2	20.7	20.0	20.0
C.V. (%)	60.9	48.9	52.6	45.8

TABLE 50E. PERCENT POA ANNUA RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT PUYALLUP, WA 2/
 2004-07 DATA

NAME	JULY	AUGUST	OCTOBER	MEAN
SHORELINE (SRX 55R)	16.7	18.3	10.0	15.0
SEABREEZE	13.3	11.7	18.3	14.4
DAWSON E	13.3	8.3	5.0	8.9
LSD VALUE	7.7	15.5	14.0	5.7
C.V. (%)	23.1	52.2	54.1	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/ PERCENT POA ANNUA RATED ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR FINELEAF FESCUE CULTIVARS */
2004-07 DATA

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

NAME	QUALITY	
	MEAN 1/	MAXIMUM IN TOP 25% 2/
7 SEAS	5.6	14.3
AMBASSADOR	5.6	23.8
AUDUBON	5.0	4.8
BERKSHIRE	5.7	47.6
BMXC-S02	5.4	4.8
BOREAL	4.4	0.0
C-SMX	5.6	19.0
C03-4676	5.0	0.0
CARDINAL (IS-FRR 30)	5.8	47.6
CASCADE	5.1	0.0
CELESTIAL	5.4	9.5
CLASS ONE (IS-FRR 29)	5.6	19.0
COMPASS (ACF 188)	5.6	14.3
CULUMBRA II (ACF 174)	5.4	19.0
DAWSON E	4.6	9.5
DLF-RCM	5.7	38.1
DP 77-9360	5.6	19.0
DP 77-9578	5.6	28.6
DP 77-9579	5.4	4.8
DP 77-9885	5.6	19.0
DP 77-9886	5.5	9.5
EPIC (5001)	6.0	57.1
FIREFLY (SPM)	5.6	47.6
FORTITUDE (TL 53)	5.9	47.6
GARNET (PICK CRF 1-03)	5.8	38.1
GOTHAM (IS-FL 28)	5.9	52.4
IS-FRR 23	5.3	9.5
J-5 (JAMESTOWN 5)	5.3	9.5
JASPER II	5.3	14.3
LACROSSE (IS-FRC 17)	5.7	28.6
LONGFELLOW II	5.6	19.0
MUSICA	5.4	19.0
ORACLE	4.6	0.0
OXFORD	5.8	61.9
PATHFINDER	5.4	14.3
PREDATOR	5.7	52.4
PST-8000	5.7	33.3
QUATRO	5.0	9.5
RAZOR	5.3	14.3
RELIANT IV (A01630REL)	5.9	61.9

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR FINELEAF FESCUE CULTIVARS */
 (CONT'D) 2004-07 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
SCALDIS	5.1	9.5
SEABREEZE	5.0	0.0
SHADEMASTER	4.6	0.0
SHORELINE (SRX 55R)	5.1	4.8
SPARTAN II (PICK HF #2)	6.1	81.0
SPLENDOR (ASC 245)	5.2	4.8
SR 3000	5.3	14.3
SR 5130 (SRX 51G)	5.9	47.6
SRX 3K	5.3	23.8
TL1	5.4	0.0
TREAZURE II (PST-4TZ)	5.8	57.1
WENDY JEAN (C03-RCE)	5.8	33.3
ZODIAC (BUR 4601)	6.0	76.2
LSD VALUE	0.2	
C.V. (%)	9.7	

*/ 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/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.