

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 American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. 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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LOCATIONS SUBMITTING DATA FOR 1997

<u>State</u>	<u>Location</u>	<u>Code</u>
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale (Full sun)	IL2
Illinois	Carbondale (Dense Shade)	IL3
Kentucky	Lexington	KY1
Maine	Orono	ME1
Maryland	Beltsville	UB1
Michigan	East Lansing (Light Shade)	MI1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
Oklahoma	Stillwater	OK1
Washington	Pullman	WA1
Wisconsin	Madison	WI1

1993 NATIONAL FINELEAF FESCUE TEST

Entries and Sponsors

Entry No.	Name	Species	Sponsor	Entry No.	Name	Species	Sponsor
1	NJ F-93	chewings	Rutgers Univ.	36	Brittany	chewings	LESCO, Inc.
2	Dawson	slender creep.	Standard entry	37	Spartan	hard	Pickseed West, Inc.
3	Scaldis	hard	Standard entry	38	Banner II	chewings	E.F. Burlingham & Sons
4	Ecostar	hard	Jacklin Seed Co.	39	Banner III (MB 61-93)	chewings	E.F. Burlingham & Sons
5	Rondo	strong creep.	DLF/Trifolium	40	Eco (MB 63-93)	chewings	E.F. Burlingham & Sons
6	Pamela	hard	DLF/Trifolium	41	Columbra (MB 64-93)	chewings	Fine Lawn Research, Inc.
7	Medina	chewings	DLF/Trifolium	42	K-2 (MB 65-93)	chewings	E.F. Burlingham & Sons
8	Silverlawn (WVPB-STCR-101)	strong creep.	Willamette Valley P.B.	43	MB 66-93	chewings	E.F. Burlingham & Sons
9	Brigade	hard	O.M. Scott & Sons	44	Defiant (MB 81-93)	hard	LESCO, Inc.
10	Molinda	chewings	O.M. Scott & Sons	45	MB 82-93	hard	E.F. Burlingham & Sons
11	BAR Frr 4ZBD	strong creep.	Barenbrug Holland	46	Vernon (MB 83-93)	hard	E.F. Burlingham & Sons
12	BAR UR 204	strong creep.	Barenbrug Holland	47	SR 3100	hard	Seed Research of Oregon
13	Jasper (E)	strong creep.	Pickseed West, Inc.	48	SR 5100	chewings	Seed Research of Oregon
14	Victory (E)	chewings	Pickseed West, Inc.	49	Sandpiper (PRO 92/20)	chewings	Research Seeds
15	Voctory II (Pick 4-91W)	chewings	Pickseed West, Inc.	50	Osprey (PRO 92/24)	hard	Research Seeds
16	Bridgeport	chewings	Barenbrug USA	51	Reliant II	hard	Loft's Seed, Inc.
17	Nordic	hard	Zajac Perf. Seeds	52	CAS-FR13	strong creep.	Cascade Inter. Seed Co.
18	Treazure (ZPS-MG)	chewings	Zajac Perf. Seeds	53	ISI-FC-62	chewings	International Seeds, Inc.
19	Seabreeze	slender creep.	Turf-Seed, Inc.	54	TMI-3CE	chewings	Turf Merchants
20	Florentine (PST-4VB) Endo.	strong creep.	Pure-Seed Test., Inc.	55	67135	sheep	Norfarm Seeds
21	PST-4DT	strong creep.	Pure-Seed Test., Inc.	56	Aurora w/endo.	hard	Turf-Seed, Inc.
22	Shademaster II	strong creep.	Turf-Seed, Inc.	57	Flyer II (ZPS-4BN)	strong creep.	Pennington Seed, Inc.
23	Shadow (E)	chewings	Turf-Seed, Inc.	58	Cascade	chewings	Standard entry
24	Discovery	hard	Turf-Seed, Inc.	59	Common creep.	strong creep.	Standard entry
25	Tiffany	chewings	Turf-Seed, Inc.				
26	PST-4ST	strong creep.	Pure-Seed Test., Inc.				
27	Shadow II (PST-44D)	chewings	Pure-Seed Test., Inc.				
28	Flyer	strong creep.	Pennington Seed, Inc.				
29	Jamestown II	chewings	Loft's Seed, Inc.				
30	Jamestown	chewings	Standard entry				
31	Darwin	chewings	International Seeds, Inc.				
32	Quatro (FO 143)	sheep	International Seeds, Inc.				
33	Aruba	strong creep.	Medalist America				
34	WX3-FFG6	strong creep.	Willamette Seed Co.				
35	WX3-FF54	chewings	Willamette Seed Co.				

TABLE A.

1997 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1993 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
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IL3	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	0.0-1.0	DENSE SHADE	3.1-3.5	NO IRRIGATION
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
ME1	SANDY LOAM	5.6-6.0	0-60	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	0.0-1.0	LIGHT SHADE	4.1+	NO IRRIGATION
NJ1	SANDY LOAM	6.1-6.5	151-270	241-375	0.0-1.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	151-270	376-500	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.1-6.5	61-150	501+	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
UB1	SILT LOAM AND SILT	6.6-7.0	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	-	-	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	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	SPRING DENSITY	SUMMER DENSITY
IA1			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		
IL3					X										
KY1	X	X	X	X	X	X	X	X			X	X	X		
ME1				X	X	X	X	X			X				
MI1			X	X	X	X	X	X	X		X	X	X		
NJ1			X	X	X	X	X	X				X			
NJ2			X	X	X	X			X		X	X	X		
OK1		X	X	X	X	X	X	X	X	X	X	X	X	X	X
UB1		X	X	X	X	X	X	X	X			X			
WA1		X	X	X	X	X	X	X			X	X	X		
WI1			X	X	X	X			X		X				

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	DROUGHT TOLERANCE DORMANCY	DOLLAR SPOT	BROWN PATCH	PERCENT RED THREAD	WEED RATINGS	LEAF SPOT MAY	LEAF SPOT JULY	LEAF SPOT AUGUST	LEAF SPOT SEPTEMBER	FED THREAD MAY	RED THREAD JULY	RED THREAD AUGUST	RED THREAD SEPTEMBER
IA1																	
IL1																	
IL2		X															
IL3																	
KY1								X									
ME1						X	X		X	X	X	X	X	X	X	X	X
MI1																	
NJ1																	
NJ2																	
OK1	X	X	X	X													
UB1					X												
WA1																	
WI1																	

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
 1997 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
* SHADOW II (PST-44D)	6.8	6.2	6.7	7.4	8.0	6.8	5.9	5.0	5.3	5.4	5.6	6.3
PST-4ST	6.7	5.4	6.5	7.2	7.8	5.1	5.9	5.6	5.3	5.4	5.8	6.1
* VICTORY II (PICK 4-91W)	6.3	5.3	5.5	7.5	7.9	5.9	4.8	5.6	6.0	5.4	6.0	6.0
NJ F-93	5.6	5.4	5.5	8.0	7.8	6.2	4.8	5.3	5.9	5.7	5.9	6.0
* CULUMBRA (MB 64-93)	6.1	5.2	5.7	8.0	7.7	5.6	5.1	4.9	5.5	5.9	6.1	6.0
* FLORENTINE (PST-4VB ENDO.)	6.8	5.0	5.6	7.8	7.9	5.4	5.3	5.6	5.2	5.6	5.3	6.0
PST-4DT	6.1	5.0	5.9	7.8	7.0	5.0	5.8	5.7	5.5	5.4	5.7	5.9
* BANNER III (MB 61-93)	6.2	5.2	6.3	7.8	7.3	5.3	4.3	5.3	5.6	5.6	5.8	5.9
* BRITTANY	6.0	5.3	5.2	7.7	7.7	5.7	4.5	5.3	5.7	5.5	5.7	5.8
* SR 5100	5.6	5.5	5.5	7.6	7.7	5.2	4.5	5.1	5.9	5.2	6.3	5.8
* BRIDGEPORT	5.6	5.6	4.6	7.5	7.5	5.4	5.1	5.4	5.9	5.4	6.0	5.8
* TIFFANY	6.1	5.7	5.8	7.2	7.9	5.3	4.7	5.0	4.9	5.5	5.9	5.8
* JAMESTOWN II	6.1	5.4	5.4	7.1	7.7	5.1	4.8	5.0	5.8	5.0	6.0	5.8
* ECO (MB 63-93)	5.9	5.4	5.4	7.9	7.3	5.7	4.5	5.3	4.6	5.8	5.4	5.7
* DISCOVERY	5.8	4.7	4.4	7.4	7.3	6.8	6.3	2.4	6.8	5.5	5.5	5.7
* JASPER (E)	6.7	5.0	4.8	7.2	7.6	4.2	5.4	5.7	5.4	5.1	5.3	5.7
* SHADEMASTER II	6.2	4.5	6.3	7.1	7.9	4.4	5.1	4.9	4.6	5.5	5.8	5.7
* DEFIANT (MB 81-93)	5.0	4.9	6.0	6.4	7.3	6.0	5.3	3.1	6.5	5.2	6.2	5.6
WX3-FF54	6.1	5.2	5.4	6.9	7.6	5.7	4.1	4.5	5.1	5.4	5.8	5.6
* TREASURE (ZPS-MG)	6.0	5.4	5.3	6.8	7.5	5.8	4.3	4.9	4.9	5.2	5.8	5.6
* FLYER II (ZPS-4BN)	6.0	4.9	5.7	7.2	7.5	4.8	4.9	5.3	4.0	5.3	5.7	5.6
* SANDPIPER (PRO 92/20)	5.2	5.4	4.8	7.6	7.7	5.3	4.3	4.9	5.6	5.1	5.4	5.6
* RELIANT II	4.9	5.3	6.0	6.7	6.4	5.7	5.9	2.4	6.9	4.9	6.0	5.5
* VICTORY (E)	6.4	5.0	6.1	7.1	7.1	4.5	3.9	5.1	5.3	5.1	5.3	5.5
TMI-3CE	5.0	4.7	5.6	7.2	7.5	5.1	4.7	5.3	5.1	5.0	5.9	5.5
* SR 3100	4.9	5.4	5.0	6.4	7.3	6.2	6.2	1.3	7.1	5.0	6.1	5.5
ISI-FC-62	5.7	5.3	5.0	7.3	7.3	4.4	4.2	5.2	5.5	5.3	5.5	5.5
* K-2 (MB 65-93)	6.4	5.6	5.0	6.9	7.7	5.2	3.4	5.0	4.4	5.4	5.2	5.5
MB 82-93	5.8	5.0	3.3	7.4	7.6	5.7	4.3	3.4	6.5	5.7	5.5	5.5
* BANNER II	6.1	5.1	4.9	7.5	7.4	4.2	4.7	4.1	5.0	5.2	5.7	5.4
* OSPREY (PRO 92/24)	5.4	4.9	6.2	7.0	7.5	5.1	5.9	1.6	6.6	4.2	5.3	5.4
* SHADOW (E)	6.0	4.9	4.2	6.7	7.5	4.7	4.3	5.0	4.8	5.2	5.7	5.4
* ARUBA	6.2	5.1	6.3	6.0	7.1	3.9	4.6	4.6	4.3	4.9	5.9	5.3
* AURORA W/ENDO.	4.7	5.0	4.9	6.7	7.6	5.8	5.0	1.5	5.8	5.2	6.1	5.3
CAS-FR13	6.0	4.8	5.7	6.8	6.4	3.9	4.1	4.7	4.5	5.0	6.1	5.3
* ECOSTAR	5.4	5.1	4.1	6.5	6.8	6.5	5.2	1.3	6.3	5.0	5.6	5.3
* FLYER	5.5	4.8	6.0	6.4	6.7	3.4	4.9	4.9	4.5	5.1	5.7	5.2
* NORDIC	4.5	5.6	4.7	6.1	7.0	5.6	5.2	2.8	5.8	4.7	5.5	5.2
WX3-FFG6	5.4	4.8	3.5	6.7	7.4	3.9	4.2	4.8	5.5	5.4	5.6	5.2
BAR FRR 4ZBD	5.5	4.4	5.7	6.7	7.1	3.6	4.5	4.9	3.1	5.6	5.8	5.2
* JAMESTOWN	5.0	5.2	5.0	6.1	7.6	3.8	4.0	4.0	4.5	5.4	5.8	5.1
* MOLINDA	5.6	5.1	4.6	5.1	7.3	3.8	3.6	4.7	4.4	5.3	5.8	5.0
* SPARTAN	4.4	5.1	4.8	6.5	6.7	5.2	5.5	1.3	5.6	4.3	5.7	5.0
MB 66-93	5.4	5.2	5.3	6.9	6.7	4.1	3.3	4.5	3.2	5.3	5.3	5.0
* VERNON (MB 83-93)	4.6	5.2	4.0	6.3	6.6	5.1	5.1	1.6	6.3	4.0	5.9	5.0
* MEDINA	6.1	5.2	4.4	3.7	7.5	4.2	4.0	4.6	3.4	5.7	5.5	4.9
* RONDO	6.8	4.7	4.2	2.9	6.3	3.6	5.3	4.9	4.4	4.9	5.7	4.9
* BRIGADE	4.6	5.4	3.9	6.1	6.0	5.2	4.9	1.3	5.9	4.7	5.6	4.9

TABLE 1A. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S.
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
* SCALDIS	4.2	5.0	5.5	5.3	7.1	4.4	5.3	1.3	6.1	3.8	5.3	4.9
* QUATRO (FO 143)	5.4	4.2	6.4	4.0	5.9	4.4	5.1	1.5	5.5	4.8	5.7	4.8
* COMMON CREEPING	5.7	4.4	5.5	5.2	6.3	3.2	4.8	3.9	3.8	4.8	5.1	4.8
* DAWSON	5.7	4.7	5.1	1.9	6.6	3.5	4.9	4.6	5.1	4.9	5.7	4.8
BAR UR 204	6.2	4.3	5.5	5.8	6.3	2.8	4.2	5.2	3.3	4.6	4.5	4.8
* DARWIN	5.4	5.3	6.0	1.4	7.5	3.9	4.4	3.4	2.9	5.3	5.8	4.7
* SEABREEZE	5.4	4.6	4.2	1.4	6.5	4.0	5.5	4.6	4.4	5.0	5.7	4.6
* PAMELA	4.7	4.7	4.3	5.5	6.2	4.4	4.2	2.2	4.9	4.2	5.5	4.6
* CASCADE	4.3	4.7	5.5	5.4	6.9	2.7	3.5	3.5	4.1	4.5	5.1	4.6
* SILVERLAWN (WVPB-STCR-101)	4.5	3.2	3.9	5.7	6.8	2.5	3.7	5.0	3.1	3.1	5.6	4.3
67135	4.1	3.5	6.3	4.1	5.4	2.4	4.3	2.8	2.8	3.7	6.1	4.1
LSD VALUE	0.9	0.6	1.2	1.0	0.8	1.1	1.0	1.2	0.9	0.6	0.7	0.3
C.V. (%)	10.4	7.6	14.3	9.4	7.3	13.8	12.6	17.9	10.9	7.0	8.0	10.8

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
DAWSON	5.7	4.7	5.1	1.9	6.6	3.5	4.9	4.6	5.1	4.9	5.7	4.8
SEABREEZE	5.4	4.6	4.2	1.4	6.5	4.0	5.5	4.6	4.4	5.0	5.7	4.6
LSD VALUE	1.2	0.7	0.9	1.6	1.0	0.8	0.6	0.3	1.1	0.1	0.7	0.3
C.V. (%)	13.9	9.7	11.7	62.2	9.5	13.7	7.0	4.7	14.8	1.7	7.3	12.2

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
QUATRO (FO 143)	5.4	4.2	6.4	4.0	5.9	4.4	5.1	1.5	5.5	4.8	5.7	4.8
67135	4.1	3.5	6.3	4.1	5.4	2.4	4.3	2.8	2.8	3.7	6.1	4.1
LSD VALUE	0.7	0.4	0.5	1.7	0.6	0.2	1.2	2.1	0.5	0.8	0.4	0.3
C.V. (%)	9.6	7.0	5.0	26.6	6.8	4.4	15.9	60.4	6.9	11.4	4.6	14.1

* COMMERCIALY AVAILABLE IN THE USA IN 1998.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER 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 CHEWINGS FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											MEAN
	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	
SHADOW II (PST-44D)	6.8	6.2	6.7	7.4	8.0	6.8	5.9	5.0	5.3	5.4	5.6	6.3
VICTORY II (PICK 4-91W)	6.3	5.3	5.5	7.5	7.9	5.9	4.8	5.6	6.0	5.4	6.0	6.0
NJ F-93	5.6	5.4	5.5	8.0	7.8	6.2	4.8	5.3	5.9	5.7	5.9	6.0
CULUMBRA (MB 64-93)	6.1	5.2	5.7	8.0	7.7	5.6	5.1	4.9	5.5	5.9	6.1	6.0
BANNER III (MB 61-93)	6.2	5.2	6.3	7.8	7.3	5.3	4.3	5.3	5.6	5.6	5.8	5.9
BRITTANY	6.0	5.3	5.2	7.7	7.7	5.7	4.5	5.3	5.7	5.5	5.7	5.8
SR 5100	5.6	5.5	5.5	7.6	7.7	5.2	4.5	5.1	5.9	5.2	6.3	5.8
BRIDGEPORT	5.6	5.6	4.6	7.5	7.5	5.4	5.1	5.4	5.9	5.4	6.0	5.8
TIFFANY	6.1	5.7	5.8	7.2	7.9	5.3	4.7	5.0	4.9	5.5	5.9	5.8
JAMESTOWN II	6.1	5.4	5.4	7.1	7.7	5.1	4.8	5.0	5.8	5.0	6.0	5.8
ECO (MB 63-93)	5.9	5.4	5.4	7.9	7.3	5.7	4.5	5.3	4.6	5.8	5.4	5.7
WX3-FF54	6.1	5.2	5.4	6.9	7.6	5.7	4.1	4.5	5.1	5.4	5.8	5.6
TREAZURE (ZPS-MG)	6.0	5.4	5.3	6.8	7.5	5.8	4.3	4.9	4.9	5.2	5.8	5.6
SANDPIPER (PRO 92/20)	5.2	5.4	4.8	7.6	7.7	5.3	4.3	4.9	5.6	5.1	5.4	5.6
VICTORY (E)	6.4	5.0	6.1	7.1	7.1	4.5	3.9	5.1	5.3	5.1	5.3	5.5
TMI-3CE	5.0	4.7	5.6	7.2	7.5	5.1	4.7	5.3	5.1	5.0	5.9	5.5
ISI-FC-62	5.7	5.3	5.0	7.3	7.3	4.4	4.2	5.2	5.5	5.3	5.5	5.5
K-2 (MB 65-93)	6.4	5.6	5.0	6.9	7.7	5.2	3.4	5.0	4.4	5.4	5.2	5.5
BANNER II	6.1	5.1	4.9	7.5	7.4	4.2	4.7	4.1	5.0	5.2	5.7	5.4
SHADOW (E)	6.0	4.9	4.2	6.7	7.5	4.7	4.3	5.0	4.8	5.2	5.7	5.4
JAMESTOWN	5.0	5.2	5.0	6.1	7.6	3.8	4.0	4.0	4.5	5.4	5.8	5.1
MOLINDA	5.6	5.1	4.6	5.1	7.3	3.8	3.6	4.7	4.4	5.3	5.8	5.0
MB 66-93	5.4	5.2	5.3	6.9	6.7	4.1	3.3	4.5	3.2	5.3	5.3	5.0
MEDINA	6.1	5.2	4.4	3.7	7.5	4.2	4.0	4.6	3.4	5.7	5.5	4.9
DARWIN	5.4	5.3	6.0	1.4	7.5	3.9	4.4	3.4	2.9	5.3	5.8	4.7
CASCADE	4.3	4.7	5.5	5.4	6.9	2.7	3.5	3.5	4.1	4.5	5.1	4.6
LSD VALUE	0.7	0.6	1.2	1.0	0.7	1.2	1.0	0.9	0.7	0.4	0.7	0.3
C.V. (%)	7.3	6.6	14.4	9.0	5.6	14.4	14.7	11.8	9.2	4.6	7.8	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 1E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
PST-4ST	6.7	5.4	6.5	7.2	7.8	5.1	5.9	5.6	5.3	5.4	5.8	6.1
FLORENTINE (PST-4VB ENDO.)	6.8	5.0	5.6	7.8	7.9	5.4	5.3	5.6	5.2	5.6	5.3	6.0
PST-4DT	6.1	5.0	5.9	7.8	7.0	5.0	5.8	5.7	5.5	5.4	5.7	5.9
JASPER (E)	6.7	5.0	4.8	7.2	7.6	4.2	5.4	5.7	5.4	5.1	5.3	5.7
SHADEMASTER II	6.2	4.5	6.3	7.1	7.9	4.4	5.1	4.9	4.6	5.5	5.8	5.7
FLYER II (ZPS-4BN)	6.0	4.9	5.7	7.2	7.5	4.8	4.9	5.3	4.0	5.3	5.7	5.6
ARUBA	6.2	5.1	6.3	6.0	7.1	3.9	4.6	4.6	4.3	4.9	5.9	5.3
CAS-FR13	6.0	4.8	5.7	6.8	6.4	3.9	4.1	4.7	4.5	5.0	6.1	5.3
FLYER	5.5	4.8	6.0	6.4	6.7	3.4	4.9	4.9	4.5	5.1	5.7	5.2
WX3-FFG6	5.4	4.8	3.5	6.7	7.4	3.9	4.2	4.8	5.5	5.4	5.6	5.2
BAR FRR 4ZBD	5.5	4.4	5.7	6.7	7.1	3.6	4.5	4.9	3.1	5.6	5.8	5.2
RONDO	6.8	4.7	4.2	2.9	6.3	3.6	5.3	4.9	4.4	4.9	5.7	4.9
COMMON CREEPING	5.7	4.4	5.5	5.2	6.3	3.2	4.8	3.9	3.8	4.8	5.1	4.8
BAR UR 204	6.2	4.3	5.5	5.8	6.3	2.8	4.2	5.2	3.3	4.6	4.5	4.8
SILVERLAWN (WVPB-STCR-101)	4.5	3.2	3.9	5.7	6.8	2.5	3.7	5.0	3.1	3.1	5.6	4.3
LSD VALUE	1.0	0.5	1.2	0.8	0.8	0.8	0.9	1.2	1.2	0.4	0.8	0.3
C.V. (%)	10.6	6.7	14.1	8.2	7.4	12.8	11.3	14.4	16.5	5.4	8.6	10.7

TABLE 1F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
DISCOVERY	5.8	4.7	4.4	7.4	7.3	6.8	6.3	2.4	6.8	5.5	5.5	5.7
DEFIANT (MB 81-93)	5.0	4.9	6.0	6.4	7.3	6.0	5.3	3.1	6.5	5.2	6.2	5.6
RELIANT II	4.9	5.3	6.0	6.7	6.4	5.7	5.9	2.4	6.9	4.9	6.0	5.5
SR 3100	4.9	5.4	5.0	6.4	7.3	6.2	6.2	1.3	7.1	5.0	6.1	5.5
MB 82-93	5.8	5.0	3.3	7.4	7.6	5.7	4.3	3.4	6.5	5.7	5.5	5.5
OSPREY (PRO 92/24)	5.4	4.9	6.2	7.0	7.5	5.1	5.9	1.6	6.6	4.2	5.3	5.4
AURORA W/ENDO.	4.7	5.0	4.9	6.7	7.6	5.8	5.0	1.5	5.8	5.2	6.1	5.3
ECOSTAR	5.4	5.1	4.1	6.5	6.8	6.5	5.2	1.3	6.3	5.0	5.6	5.3
NORDIC	4.5	5.6	4.7	6.1	7.0	5.6	5.2	2.8	5.8	4.7	5.5	5.2
SPARTAN	4.4	5.1	4.8	6.5	6.7	5.2	5.5	1.3	5.6	4.3	5.7	5.0
VERNON (MB 83-93)	4.6	5.2	4.0	6.3	6.6	5.1	5.1	1.6	6.3	4.0	5.9	5.0
BRIGADE	4.6	5.4	3.9	6.1	6.0	5.2	4.9	1.3	5.9	4.7	5.6	4.9
SCALDIS	4.2	5.0	5.5	5.3	7.1	4.4	5.3	1.3	6.1	3.8	5.3	4.9
PAMELA	4.7	4.7	4.3	5.5	6.2	4.4	4.2	2.2	4.9	4.2	5.5	4.6
LSD VALUE	1.2	0.8	1.2	0.7	1.1	1.2	0.9	1.5	0.8	0.9	0.7	0.3
C.V. (%)	15.1	9.6	15.9	7.1	9.6	13.4	10.7	47.3	8.0	11.7	8.0	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 2A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH
 MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
 1997 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SHADOW II (PST-44D)	8.0	6.5	6.1	6.4	6.0	5.8	6.3	6.6	6.3	5.7	6.3
PST-4ST	8.0	6.2	5.7	6.1	6.0	5.8	5.9	6.3	6.5	6.3	6.1
VICTORY II (PICK 4-91W)	9.0	6.5	6.1	5.8	5.6	5.6	5.9	6.4	6.3	6.3	6.0
NJ F-93	8.0	6.3	5.8	5.8	5.6	6.0	6.1	6.4	6.2	6.3	6.0
CULUMBRA (MB 64-93)	8.7	6.3	5.8	6.3	6.0	5.5	5.7	5.8	5.8	5.7	6.0
FLORENTINE (PST-4VB ENDO.)	8.3	6.8	6.1	5.7	5.5	5.6	6.1	6.2	5.6	6.3	6.0
PST-4DT	8.7	6.4	5.6	5.8	5.7	5.4	6.2	6.2	6.3	6.3	5.9
BANNER III (MB 61-93)	8.7	6.4	5.8	5.7	5.7	5.5	5.8	6.3	6.1	6.7	5.9
BRITTANY	8.0	6.2	5.8	5.7	5.6	5.7	5.6	6.1	6.1	6.3	5.8
SR 5100	8.7	6.3	5.5	5.9	5.6	5.6	5.6	6.0	6.0	6.3	5.8
BRIDGEPORT	8.3	6.2	5.7	5.8	5.6	5.7	5.6	5.9	5.9	6.3	5.8
TIFFANY	8.0	6.3	5.4	5.5	5.8	5.6	5.7	6.0	5.9	5.7	5.8
JAMESTOWN II	7.3	5.7	5.5	5.8	5.7	5.5	5.6	6.0	6.0	6.0	5.8
ECO (MB 63-93)	9.0	6.0	5.4	5.5	5.4	5.5	5.9	6.1	5.9	7.0	5.7
DISCOVERY	7.3	6.1	5.6	6.1	5.7	5.2	5.6	5.6	5.0	1.7	5.7
JASPER (E)	6.3	6.1	5.2	5.7	5.5	5.3	5.8	6.1	5.9	6.3	5.7
SHADEMASTER II	8.7	6.4	5.6	5.5	5.5	5.2	5.5	5.8	6.0	5.3	5.7
DEFIANT (MB 81-93)	6.3	5.3	5.3	5.8	5.8	5.5	5.6	5.6	5.7	3.3	5.6
WX3-FF54	8.0	5.7	5.7	5.6	5.5	5.2	5.5	6.0	5.3	5.3	5.6
TREAZURE (ZPS-MG)	7.3	5.7	5.8	5.5	5.2	5.2	5.6	6.0	5.5	5.7	5.6
FLYER II (ZPS-4BN)	7.7	5.5	5.5	5.8	5.4	4.9	5.6	5.9	5.7	6.0	5.6
SANDPIPER (PRO 92/20)	8.0	5.7	5.4	5.5	5.6	5.4	5.4	5.8	5.8	5.7	5.6
RELIANT II	6.0	5.3	5.3	5.9	5.7	5.4	5.4	5.4	5.6	2.0	5.5
VICTORY (E)	7.7	6.1	5.2	5.5	5.4	5.3	5.5	6.0	5.8	6.0	5.5
TMI-3CE	7.0	5.8	5.3	5.5	5.3	5.3	5.5	5.8	6.1	6.7	5.5
SR 3100	6.7	5.7	4.9	5.8	5.6	5.3	5.1	5.3	5.5	1.3	5.5
ISI-FC-62	8.7	5.9	5.4	5.7	5.1	5.3	5.6	5.6	5.7	6.0	5.5
K-2 (MB 65-93)	7.0	5.4	5.2	5.5	5.5	5.2	5.6	5.8	4.9	5.7	5.5
MB 82-93	7.3	5.5	5.1	5.2	5.2	5.4	5.7	6.0	4.9	4.3	5.5
BANNER II	7.0	5.3	5.1	5.3	5.2	5.4	5.4	5.9	5.5	5.0	5.4
OSPREY (PRO 92/24)	6.7	5.7	5.0	5.7	5.5	5.1	5.2	5.3	5.5	1.7	5.4
SHADOW (E)	7.7	5.7	5.1	5.2	5.1	5.0	5.5	5.7	5.3	6.0	5.4
ARUBA	6.3	5.7	5.1	5.2	5.6	4.9	5.1	5.6	5.4	4.7	5.3
AURORA W/ENDO.	6.0	5.0	4.9	5.6	5.5	4.9	5.3	5.2	4.8	1.7	5.3
CAS-FR13	6.7	6.2	5.3	5.1	5.1	4.8	5.1	5.6	5.5	5.0	5.3
ECOSTAR	6.7	4.7	4.9	5.5	5.4	4.9	5.2	5.4	4.5	1.0	5.3
FLYER	6.7	5.3	5.1	5.3	5.3	4.7	5.1	5.5	5.7	5.7	5.2
NORDIC	6.3	5.7	5.0	5.4	5.4	4.9	4.7	5.3	4.5	2.7	5.2
WX3-FFG6	7.0	5.6	4.9	5.1	4.9	5.0	5.3	5.4	5.1	5.7	5.2
BAR FRR 4ZBD	7.3	5.8	5.1	5.3	5.2	4.7	4.9	5.1	5.1	5.0	5.2
JAMESTOWN	5.7	5.6	5.0	5.2	5.3	4.6	4.9	5.2	5.2	4.0	5.1
MOLINDA	5.3	4.9	4.8	5.1	4.8	4.8	4.8	5.3	5.3	5.7	5.0
SPARTAN	6.0	4.9	4.8	5.2	5.1	4.8	4.8	4.9	4.5	1.3	5.0
MB 66-93	6.3	5.0	4.5	5.2	5.4	4.7	5.0	5.4	4.5	4.7	5.0
VERNON (MB 83-93)	6.0	5.1	4.9	5.3	4.9	4.6	4.6	4.7	4.5	1.3	5.0
MEDINA	3.3	4.9	5.0	5.0	4.5	4.4	4.9	5.1	4.9	5.0	4.9
RONDO	1.0	4.5	4.9	5.4	5.0	4.6	4.4	4.7	4.6	5.0	4.9
BRIGADE	5.7	5.0	4.9	5.0	4.8	4.6	4.6	4.9	4.1	1.3	4.9

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S.
 (CONT'D) 1997 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SCALDIS	6.0	5.0	4.5	5.0	5.1	4.7	4.4	4.6	4.7	1.3	4.9
QUATRO (FO 143)	4.0	5.2	4.6	5.0	4.7	4.5	4.7	4.5	5.2	1.3	4.8
COMMON CREEPING	4.7	4.8	4.9	4.9	4.9	4.3	4.5	5.0	4.7	4.0	4.8
DAWSON	1.0	4.5	4.6	5.2	5.3	4.2	4.4	4.6	5.1	4.3	4.8
BAR UR 204	5.0	5.4	4.7	4.6	4.9	4.5	4.7	4.8	5.1	6.0	4.8
DARWIN	1.0	4.1	4.7	4.9	4.7	4.3	4.3	4.3	4.7	3.7	4.7
SEABREEZE	1.0	4.3	4.7	5.1	4.8	4.2	4.2	4.1	4.8	4.0	4.6
PAMELA	6.0	4.6	4.5	4.7	4.7	4.5	4.4	4.5	3.9	2.3	4.6
CASCADE	5.0	4.7	4.1	4.7	4.6	4.3	4.4	4.9	4.7	4.0	4.6
SILVERLAWN (WVFB-STCR-101)	5.3	4.9	4.2	4.3	4.2	4.2	3.7	4.2	4.5	5.7	4.3
67135	3.7	3.6	3.9	4.0	4.2	3.8	4.0	4.1	5.1	1.7	4.1
LSD VALUE	1.3	1.4	0.7	0.7	0.7	0.8	1.0	0.9	1.1	1.6	0.6
C.V. (%)	12.8	35.3	27.6	26.7	25.9	31.4	34.5	31.2	29.1	21.5	22.9

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
 1997 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DAWSON	1	4.5	4.6	5.2	5.3	4.2	4.4	4.6	5.1	4.3	4.8
SEABREEZE	1	4.3	4.7	5.1	4.8	4.2	4.2	4.1	4.8	4.0	4.6
LSD VALUE	0	1.7	0.9	0.8	0.7	0.8	1.0	1.0	1.0	0.7	0.6
C.V. (%)	0	53.8	37.0	30.6	28.8	37.4	44.5	42.1	28.5	9.8	27.9

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
 1997 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
QUATRO (FO 143)	4.0	5.2	4.6	5.0	4.7	4.5	4.7	4.5	5.2	1.3	4.8
67135	3.7	3.6	3.9	4.0	4.2	3.8	4.0	4.1	5.1	1.7	4.1
LSD VALUE	4.0	1.7	0.9	0.8	0.7	0.7	0.8	0.9	1.8	0.9	0.7
C.V. (%)	64.8	53.0	40.2	34.7	34.4	36.7	35.6	39.2	47.1	38.5	30.7

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 CHEWINGS FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/ 1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/										
	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SHADOW II (PST-44D)	8.0	6.5	6.1	6.4	6.0	5.8	6.3	6.6	6.3	5.7	6.3
VICTORY II (PICK 4-91W)	9.0	6.5	6.1	5.8	5.6	5.6	5.9	6.4	6.3	6.3	6.0
NJ F-93	8.0	6.3	5.8	5.8	5.6	6.0	6.1	6.4	6.2	6.3	6.0
CULUMBRA (MB 64-93)	8.7	6.3	5.8	6.3	6.0	5.5	5.7	5.8	5.8	5.7	6.0
BANNER III (MB 61-93)	8.7	6.4	5.8	5.7	5.7	5.5	5.8	6.3	6.1	6.7	5.9
BRITTANY	8.0	6.2	5.8	5.7	5.6	5.7	5.6	6.1	6.1	6.3	5.8
SR 5100	8.7	6.3	5.5	5.9	5.6	5.6	5.6	6.0	6.0	6.3	5.8
BRIDGEPORT	8.3	6.2	5.7	5.8	5.6	5.7	5.6	5.9	5.9	6.3	5.8
TIFFANY	8.0	6.3	5.4	5.5	5.8	5.6	5.7	6.0	5.9	5.7	5.8
JAMESTOWN II	7.3	5.7	5.5	5.8	5.7	5.5	5.6	6.0	6.0	6.0	5.8
ECO (MB 63-93)	9.0	6.0	5.4	5.5	5.4	5.5	5.9	6.1	5.9	7.0	5.7
WX3-FF54	8.0	5.7	5.7	5.6	5.5	5.2	5.5	6.0	5.3	5.3	5.6
TREAZURE (ZPS-MG)	7.3	5.7	5.8	5.5	5.2	5.2	5.6	6.0	5.5	5.7	5.6
SANDPIPER (PRO 92/20)	8.0	5.7	5.4	5.5	5.6	5.4	5.4	5.8	5.8	5.7	5.6
VICTORY (E)	7.7	6.1	5.2	5.5	5.4	5.3	5.5	6.0	5.8	6.0	5.5
TMI-3CE	7.0	5.8	5.3	5.5	5.3	5.3	5.5	5.8	6.1	6.7	5.5
ISI-FC-62	8.7	5.9	5.4	5.7	5.1	5.3	5.6	5.6	5.7	6.0	5.5
K-2 (MB 65-93)	7.0	5.4	5.2	5.5	5.5	5.2	5.6	5.8	4.9	5.7	5.5
BANNER II	7.0	5.3	5.1	5.3	5.2	5.4	5.4	5.9	5.5	5.0	5.4
SHADOW (E)	7.7	5.7	5.1	5.2	5.1	5.0	5.5	5.7	5.3	6.0	5.4
JAMESTOWN	5.7	5.6	5.0	5.2	5.3	4.6	4.9	5.2	5.2	4.0	5.1
MOLINDA	5.3	4.9	4.8	5.1	4.8	4.8	4.8	5.3	5.3	5.7	5.0
MB 66-93	6.3	5.0	4.5	5.2	5.4	4.7	5.0	5.4	4.5	4.7	5.0
MEDINA	3.3	4.9	5.0	5.0	4.5	4.4	4.9	5.1	4.9	5.0	4.9
DARWIN	1.0	4.1	4.7	4.9	4.7	4.3	4.3	4.3	4.7	3.7	4.7
CASCADE	5.0	4.7	4.1	4.7	4.6	4.3	4.4	4.9	4.7	4.0	4.6
LSD VALUE	1.5	1.2	0.7	0.7	0.6	0.7	0.9	0.8	0.9	1.6	0.5
C.V. (%)	12.6	28.8	25.1	24.8	22.6	28.9	31.6	27.1	21.5	17.2	20.3

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

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

TABLE 2E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PST-4ST	8.0	6.2	5.7	6.1	6.0	5.8	5.9	6.3	6.5	6.3	6.1
FLORENTINE (PST-4VB ENDO.)	8.3	6.8	6.1	5.7	5.5	5.6	6.1	6.2	5.6	6.3	6.0
PST-4DT	8.7	6.4	5.6	5.8	5.7	5.4	6.2	6.2	6.3	6.3	5.9
JASPER (E)	6.3	6.1	5.2	5.7	5.5	5.3	5.8	6.1	5.9	6.3	5.7
SHADEMASTER II	8.7	6.4	5.6	5.5	5.5	5.2	5.5	5.8	6.0	5.3	5.7
FLYER II (ZPS-4BN)	7.7	5.5	5.5	5.8	5.4	4.9	5.6	5.9	5.7	6.0	5.6
ARUBA	6.3	5.7	5.1	5.2	5.6	4.9	5.1	5.6	5.4	4.7	5.3
CAS-FR13	6.7	6.2	5.3	5.1	5.1	4.8	5.1	5.6	5.5	5.0	5.3
FLYER	6.7	5.3	5.1	5.3	5.3	4.7	5.1	5.5	5.7	5.7	5.2
WX3-FFG6	7.0	5.6	4.9	5.1	4.9	5.0	5.3	5.4	5.1	5.7	5.2
BAR FRR 4ZBD	7.3	5.8	5.1	5.3	5.2	4.7	4.9	5.1	5.1	5.0	5.2
RONDO	1.0	4.5	4.9	5.4	5.0	4.6	4.4	4.7	4.6	5.0	4.9
COMMON CREEPING	4.7	4.8	4.9	4.9	4.9	4.3	4.5	5.0	4.7	4.0	4.8
BAR UR 204	5.0	5.4	4.7	4.6	4.9	4.5	4.7	4.8	5.1	6.0	4.8
SILVERLAWN (WVPB-STCR-101)	5.3	4.9	4.2	4.3	4.2	4.2	3.7	4.2	4.5	5.7	4.3
LSD VALUE	0.9	1.3	0.7	0.6	0.7	0.7	0.9	0.9	1.0	1.7	0.5
C.V. (%)	8.6	32.7	25.9	24.4	26.2	30.4	32.9	29.6	26.0	18.6	21.2

TABLE 2F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH MONTH GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DISCOVERY	7.3	6.1	5.6	6.1	5.7	5.2	5.6	5.6	5.0	1.7	5.7
DEFIANT (MB 81-93)	6.3	5.3	5.3	5.8	5.8	5.5	5.6	5.6	5.7	3.3	5.6
RELIANT II	6.0	5.3	5.3	5.9	5.7	5.4	5.4	5.4	5.6	2.0	5.5
SR 3100	6.7	5.7	4.9	5.8	5.6	5.3	5.1	5.3	5.5	1.3	5.5
MB 82-93	7.3	5.5	5.1	5.2	5.2	5.4	5.7	6.0	4.9	4.3	5.5
OSPREY (PRO 92/24)	6.7	5.7	5.0	5.7	5.5	5.1	5.2	5.3	5.5	1.7	5.4
AURORA W/ENDO.	6.0	5.0	4.9	5.6	5.5	4.9	5.3	5.2	4.8	1.7	5.3
ECOSTAR	6.7	4.7	4.9	5.5	5.4	4.9	5.2	5.4	4.5	1.0	5.3
NORDIC	6.3	5.7	5.0	5.4	5.4	4.9	4.7	5.3	4.5	2.7	5.2
SPARTAN	6.0	4.9	4.8	5.2	5.1	4.8	4.8	4.9	4.5	1.3	5.0
VERNON (MB 83-93)	6.0	5.1	4.9	5.3	4.9	4.6	4.6	4.7	4.5	1.3	5.0
BRIGADE	5.7	5.0	4.9	5.0	4.8	4.6	4.6	4.9	4.1	1.3	4.9
SCALDIS	6.0	5.0	4.5	5.0	5.1	4.7	4.4	4.6	4.7	1.3	4.9
PAMELA	6.0	4.6	4.5	4.7	4.7	4.5	4.4	4.5	3.9	2.3	4.6
LSD VALUE	0.7	1.7	0.8	0.8	0.8	0.9	1.1	1.1	1.5	1.7	0.7
C.V. (%)	6.9	45.2	31.3	30.6	29.9	35.6	40.3	38.3	42.5	53.0	27.7

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 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
SHADOW II (PST-44D)	3.0	1.0	1.0	13.0	1.0	1.5	5.5	19.5	28.5	20.5	40.5	1
PST-4ST	4.5	8.0	2.0	19.5	6.5	27.0	3.5	3.0	30.0	18.0	21.0	2
VICTORY II (PICK 4-91W)	8.0	16.5	27.5	10.0	4.0	7.0	28.5	5.0	10.0	14.5	9.5	3
NJ F-93	31.5	7.0	25.5	1.5	6.5	5.0	28.5	8.0	11.5	3.5	14.5	4
CULUMBRA (MB 64-93)	17.5	25.0	18.0	1.5	10.0	16.0	20.0	27.0	25.5	1.0	4.5	5
FLARENTINE (PST-4VB ENDO.)	1.5	35.0	21.0	5.0	2.0	17.5	13.0	4.0	31.0	7.5	52.0	6
PST-4DT	13.5	35.0	14.0	5.0	40.5	31.0	7.0	2.0	22.0	14.5	29.5	7
BANNER III (MB 61-93)	9.0	25.0	5.0	5.0	32.0	19.5	40.0	11.5	20.0	7.5	21.0	8
BRITTANY	22.0	16.5	34.0	7.0	10.0	12.5	35.5	10.0	18.0	12.0	26.5	9
SR 5100	34.0	6.0	27.5	9.0	10.0	24.5	37.0	15.0	11.5	28.0	1.0	10
BRIDGEPORT	31.5	3.0	46.5	11.5	20.5	17.5	20.0	6.0	13.5	18.0	9.5	11
TIFFANY	19.0	2.0	15.0	19.5	4.0	19.5	31.5	17.0	37.5	10.5	14.5	12
JAMESTOWN II	15.5	9.5	30.0	24.0	10.0	28.5	28.5	19.5	15.0	40.5	9.5	13
ECO (MB 63-93)	25.0	12.5	30.0	3.0	32.0	12.5	38.0	8.0	41.0	2.0	48.5	14
DISCOVERY	26.5	49.5	49.0	14.5	34.5	1.5	1.0	48.0	3.0	9.0	46.0	15
JASPER (E)	4.5	35.0	44.0	19.5	15.0	40.5	10.0	1.0	27.0	35.0	55.0	16
SHADEMASTER II	11.5	53.0	5.0	22.5	4.0	38.5	18.0	27.0	40.0	10.5	21.0	17
DEFIANT (MB 81-93)	46.0	41.0	12.0	39.0	29.5	6.0	13.0	45.0	6.0	30.0	2.0	18
WX3-FF54	15.5	25.0	30.0	26.0	15.0	10.0	50.5	38.0	33.0	18.0	21.0	19
TREAZURE (ZPS-MG)	22.0	12.5	32.5	30.0	25.0	8.5	43.0	27.0	37.5	32.0	21.0	20
FLYER II (ZPS-4BN)	22.0	41.0	16.0	17.0	25.0	32.0	23.5	8.0	51.0	25.5	29.5	21
SANDPIPER (PRO 92/20)	44.0	12.5	42.0	8.0	13.0	21.0	43.0	23.0	20.0	33.5	48.5	22
RELIANT II	48.0	16.5	12.0	32.0	51.5	12.5	5.5	49.0	2.0	45.5	9.5	23
VICTORY (E)	7.0	35.0	9.0	22.5	37.5	34.0	54.0	16.0	28.5	33.5	52.0	24
TMI-3CE	46.0	49.5	20.0	19.5	20.5	28.5	33.0	11.5	33.0	40.5	12.0	25
SR 3100	49.0	9.5	37.5	39.0	32.0	4.0	2.0	58.0	1.0	40.5	4.5	26
ISI-FC-62	29.0	19.0	37.5	16.0	34.5	38.5	47.5	13.5	23.5	23.0	46.0	27
K-2 (MB 65-93)	6.0	4.0	37.5	27.5	10.0	22.5	58.0	22.0	45.0	14.5	56.0	28
MB 82-93	26.5	35.0	59.0	14.5	15.0	12.5	43.0	44.0	5.0	3.5	43.0	29
BANNER II	17.5	28.5	41.0	11.5	27.5	40.5	31.5	39.0	35.0	28.0	29.5	30
OSREY (PRO 92/24)	40.0	39.0	8.0	25.0	20.5	26.0	3.5	52.0	4.0	54.0	52.0	31
SHADOW (E)	22.0	41.0	53.0	32.0	20.5	33.0	43.0	19.5	39.0	28.0	29.5	32
ARUBA	11.5	28.5	5.0	45.0	39.0	45.5	34.0	35.0	49.0	45.5	14.5	33
AURORA W/ENDO.	51.0	35.0	40.0	34.5	17.5	8.5	22.0	53.5	16.5	31.0	4.5	34
CAS-FR13	22.0	44.5	18.0	29.0	51.5	45.5	50.5	32.0	42.0	40.5	4.5	35
ECCSTAR	37.0	27.0	54.0	37.0	43.5	3.0	15.5	58.0	8.0	37.5	38.0	36
FLYER	35.5	43.0	12.0	39.0	46.0	54.0	26.0	29.0	44.0	36.0	34.0	37
NORDIC	55.0	5.0	45.0	43.5	40.5	15.0	15.5	47.0	16.5	50.0	46.0	38
WX3-FFG6	40.0	44.5	58.0	32.0	27.5	47.5	47.5	30.0	23.5	20.5	40.5	39
BAR FRR 4ZBD	35.5	55.0	18.0	34.5	37.5	52.0	35.5	24.5	56.0	6.0	21.0	40
JAMESTOWN	46.0	21.5	37.5	43.5	17.5	49.5	52.5	40.0	43.0	14.5	21.0	41
MOLINDA	33.0	31.0	46.5	52.0	29.5	49.5	56.0	31.0	47.0	25.5	21.0	42
SPARTAN	56.0	30.0	43.0	36.0	46.0	22.5	8.0	55.5	20.0	53.0	26.5	43
MB 66-93	43.0	21.5	32.5	27.5	46.0	43.0	59.0	37.0	55.0	23.0	52.0	44
VERNON (MB 83-93)	53.0	21.5	55.0	41.0	48.0	30.0	17.0	51.0	7.0	56.0	14.5	45

TABLE 3A.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S.
1997 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
MEDINA	13.5	21.5	48.0	55.0	23.0	42.0	52.5	33.0	53.0	5.0	43.0	46
RONDO	1.5	49.5	51.5	56.0	53.5	51.0	11.0	24.5	47.0	43.5	34.0	47
BRIGADE	52.0	12.5	56.5	42.0	57.0	24.5	23.5	55.5	13.5	49.0	38.0	48
SCALDIS	58.0	35.0	23.0	50.0	36.0	36.5	13.0	58.0	9.0	57.0	52.0	49
QUATRO (FO 143)	40.0	57.0	3.0	54.0	58.0	36.5	20.0	53.5	25.5	48.0	34.0	50
COMMON CREEPING	29.0	54.0	23.0	51.0	53.5	55.0	28.5	41.0	52.0	47.0	57.5	51
DAWSON	29.0	46.5	35.0	57.0	49.0	53.0	25.0	36.0	33.0	43.5	34.0	52
BAR UR 204	10.0	56.0	25.5	46.0	55.0	56.0	47.5	13.5	54.0	51.0	59.0	53
DARWIN	40.0	16.5	10.0	58.0	25.0	47.5	39.0	43.0	58.0	23.0	21.0	54
SEABREEZE	40.0	52.0	51.5	59.0	50.0	44.0	9.0	34.0	47.0	37.5	34.0	55
PAMELA	50.0	49.5	50.0	48.0	56.0	35.0	47.5	50.0	36.0	55.0	43.0	56
CASCADE	57.0	46.5	23.0	49.0	42.0	57.0	57.0	42.0	50.0	52.0	57.5	57
SILVERLAWN (WVPB-STCR-101)	54.0	59.0	56.5	47.0	43.5	58.0	55.0	19.5	57.0	59.0	38.0	58
67135	59.0	58.0	7.0	53.0	59.0	59.0	43.0	46.0	59.0	58.0	7.0	59

TABLE 3B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
DAWSON	1	1	1	1	1	2	2	2	1	2	1.5	1
SEABREEZE	2	2	2	2	2	1	1	1	2	1	1.5	2

TABLE 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
QUATRO (FO 143)	1	1	1	2	1	1	1	2	1	1	2	1
67135	2	2	2	1	2	2	2	1	2	2	1	2

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2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3D.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
SHADOW II (PST-44D)	1.0	1	1.0	11.0	1.0	1.0	1.0	13.0	11.5	13.0	18.0	1
VICTORY II (PICK 4-91W)	4.0	12	10.5	8.0	2.5	3.0	5.0	1.0	1.0	9.0	4.0	2
NJ F-93	17.5	6	9.0	1.5	4.0	2.0	5.0	3.5	2.5	3.0	7.5	3
CULUMBRA (MB 64-93)	9.5	19	6.0	1.5	7.0	8.0	2.5	17.5	10.0	1.0	2.0	4
BANNER III (MB 61-93)	5.0	19	2.0	4.0	21.5	10.5	14.0	6.5	7.5	5.0	11.5	5
ERITTANY	13.0	12	17.0	5.0	7.0	6.5	10.0	5.0	6.0	7.0	15.0	6
SR 5100	20.0	5	10.5	7.0	7.0	14.0	11.0	9.0	2.5	19.0	1.0	7
BRIDGEPORT	17.5	3	23.5	9.5	14.0	9.0	2.5	2.0	4.0	11.5	4.0	8
TIFFANY	11.0	2	5.0	13.5	2.5	10.5	7.5	11.0	16.5	6.0	7.5	9
JAMESTOWN II	7.5	7	13.0	16.0	7.0	15.5	5.0	13.0	5.0	24.5	4.0	10
ECO (MB 63-93)	15.0	9	13.0	3.0	21.5	6.5	12.0	3.5	19.0	2.0	21.5	11
WK3-FF54	7.5	19	13.0	17.0	11.0	5.0	19.0	22.0	13.5	11.5	11.5	12
TREAZURE (ZPS-MG)	13.0	9	15.5	20.0	17.5	4.0	16.0	17.5	16.5	21.0	11.5	13
SANDPIPER (PRO 92/20)	23.0	9	22.0	6.0	10.0	12.0	16.0	16.0	7.5	22.5	21.5	14
VICTORY (E)	3.0	23	3.0	15.0	24.0	18.0	22.0	10.0	11.5	22.5	23.5	15
TMI-3CE	24.5	26	7.0	13.5	14.0	15.5	9.0	6.5	13.5	24.5	6.0	16
ISI-FC-62	16.0	14	19.0	12.0	23.0	19.0	18.0	8.0	9.0	15.0	20.0	17
K-2 (MB 65-93)	2.0	4	19.0	18.5	7.0	13.0	25.0	15.0	21.0	9.0	25.0	18
BANNER II	9.5	21	21.0	9.5	19.0	20.0	7.5	23.0	15.0	19.0	16.5	19
SHADOW (E)	13.0	24	26.0	21.0	14.0	17.0	16.0	13.0	18.0	19.0	16.5	20
JAMESTOWN	24.5	16	19.0	22.0	12.0	24.5	20.5	24.0	20.0	9.0	11.5	21
MOLINDA	19.0	22	23.5	24.0	20.0	24.5	23.0	19.0	22.0	17.0	11.5	22
MB 66-93	22.0	16	15.5	18.5	26.0	22.0	26.0	21.0	25.0	15.0	23.5	23
MEDINA	6.0	16	25.0	25.0	16.0	21.0	20.5	20.0	24.0	4.0	19.0	24
DARWIN	21.0	12	4.0	26.0	17.5	23.0	13.0	26.0	26.0	15.0	11.5	25
CASCADE	26.0	25	8.0	23.0	25.0	26.0	24.0	25.0	23.0	26.0	26.0	26

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2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3E. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
PST-4ST	3.5	1.0	1.0	4.5	3.0	2.0	1.0	3.0	4	5	4.0	1
FLORENTINE (PST-4VB ENDO.)	1.5	4.0	9.0	1.5	1.0	1.0	5.0	4.0	5	2	12.0	2
PST-4DT	8.0	4.0	5.0	1.5	9.0	3.0	2.0	2.0	1	4	6.5	3
JASPER (E)	3.5	4.0	12.0	4.5	4.0	6.0	3.0	1.0	3	8	13.0	4
SHADEMASTER II	6.5	11.0	2.5	6.0	2.0	5.0	6.0	10.0	6	3	4.0	5
FLYER II (ZPS-4BN)	9.5	6.0	6.0	3.0	5.0	4.0	7.0	5.0	11	7	6.5	6
ARUBA	6.5	2.0	2.5	11.0	8.0	7.5	10.0	14.0	10	12	2.0	7
CAS-FR13	9.5	8.5	7.5	7.0	12.0	7.5	14.0	13.0	7	10	1.0	8
FLYER	12.5	7.0	4.0	10.0	11.0	12.0	8.0	11.0	8	9	8.5	9
WX3-FFG6	14.0	8.5	15.0	8.0	6.0	9.0	12.5	12.0	2	6	11.0	10
BAR FRR 4ZBD	12.5	13.0	7.5	9.0	7.0	11.0	11.0	8.5	14	1	4.0	11
RONDO	1.5	10.0	13.0	15.0	13.5	10.0	4.0	8.5	9	11	8.5	12
COMMON CREEPING	11.0	12.0	10.0	14.0	13.5	13.0	9.0	15.0	12	13	14.0	13
BAR UR 204	5.0	14.0	11.0	12.0	15.0	14.0	12.5	6.0	13	14	15.0	14
SILVERLAWN (WVPB-STCR-101)	15.0	15.0	14.0	13.0	10.0	15.0	15.0	7.0	15	15	10.0	15

TABLE 3F. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS (FULL SUN) IN THE U.S. 1/
1997 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	IA1	IL1	IL2	KY1	ME1	NJ1	NJ2	OK1	UB1	WA1	WI1	MEAN
DISCOVERY	1.5	13.5	9.0	1.5	6	1.0	1.0	4.0	3.0	2	11.5	1
DEFIANT (MB 81-93)	5.0	12.0	2.5	8.5	4	4.0	6.5	2.0	6.0	3	1.0	2
RELIANT II	6.0	4.0	2.5	4.0	12	6.5	4.0	5.0	2.0	7	4.0	3
SR 3100	7.0	2.0	5.0	8.5	5	3.0	2.0	13.0	1.0	6	2.5	4
MB 82-93	1.5	9.0	14.0	1.5	1	6.5	13.0	1.0	5.0	1	9.5	5
OSPREY (PRO 92/24)	4.0	11.0	1.0	3.0	3	11.0	3.0	8.0	4.0	11	13.5	6
AURORA W/ENDO.	9.0	9.0	6.0	5.0	2	5.0	11.0	9.0	11.5	4	2.5	7
ECOSTAR	3.0	6.0	11.0	7.0	9	2.0	8.5	13.0	8.0	5	7.5	8
NORDIC	12.0	1.0	8.0	12.0	8	8.0	8.5	3.0	11.5	9	11.5	9
SPARTAN	13.0	7.0	7.0	6.0	10	9.0	5.0	10.5	13.0	10	6.0	10
VERNON (MB 83-93)	11.0	5.0	12.0	10.0	11	12.0	10.0	7.0	7.0	13	5.0	11
BRIGADE	10.0	3.0	13.0	11.0	14	10.0	12.0	10.5	10.0	8	7.5	12
SCALDIS	14.0	9.0	4.0	14.0	7	14.0	6.5	13.0	9.0	14	13.5	13
PAMELA	8.0	13.5	10.0	13.0	13	13.0	14.0	6.0	14.0	12	9.5	14

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2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN	NAME	IL3	MI1	MEAN
RELIANT II	8.0	6.5	7.3	VERNON (MB 83-93)	4.0	6.2	5.1
SCALDIS	8.3	5.9	7.1	SR 3100	4.7	5.5	5.1
SPARTAN	8.0	6.2	7.1	MOLINDA	4.0	6.1	5.1
MB 82-93	8.0	5.8	6.9	SHADOW (E)	4.3	5.8	5.1
TIFFANY	8.0	5.7	6.9	JAMESTOWN	4.0	6.0	5.0
DEFIANT (MB 81-93)	7.0	6.6	6.8	RONDO	3.0	6.7	4.9
NORDIC	7.0	6.6	6.8	SILVERLAWN (WVPB-STCR-101)	6.0	3.7	4.9
BRITTANY	7.0	6.3	6.7	ARUBA	3.7	6.0	4.9
NJ F-93	7.0	6.2	6.6	CAS-FR13	3.7	5.9	4.8
PST-4ST	6.7	6.4	6.5	CASCADE	4.0	5.5	4.8
SHADEMASTER II	6.3	6.5	6.4	BRIGADE	3.0	6.4	4.7
PST-4DT	6.0	6.5	6.2	FLYER II (ZPS-4EN)	3.0	6.4	4.7
SR 5100	6.0	6.3	6.1	VICTORY II (PICK 4-91W)	3.0	6.2	4.6
DISCOVERY	5.7	6.4	6.0	67135	4.0	5.1	4.6
ISI-FC-62	6.0	6.0	6.0	BANNER II	2.7	6.0	4.3
SANDPIPER (PRO 92/20)	6.0	5.9	5.9	CULUMBRA (MB 64-93)	2.7	6.0	4.3
TMI-3CE	5.7	6.1	5.9	ECO (MB 63-93)	2.0	6.6	4.3
DAWSON	5.0	6.3	5.7	K-2 (MB 65-93)	2.0	6.2	4.1
SHADOW II (PST-44D)	5.0	6.3	5.7	BRIDGEPORT	2.0	6.1	4.1
OSPREY (PRO 92/24)	5.7	5.6	5.6	TREAZURE (ZPS-MG)	2.0	6.1	4.0
SEABREEZE	5.0	6.3	5.6	DARWIN	2.0	6.0	4.0
FLYER	5.0	6.1	5.5	QUATRO (FO 143)	2.0	6.0	4.0
AURORA W/ENDO.	4.7	6.3	5.5	BANNER III (MB 61-93)	2.0	5.9	3.9
ECOSTAR	4.7	6.3	5.5	PAMELA	2.0	5.1	3.5
WX3-FFG6	6.0	4.9	5.4	WX3-FF54	1.0	6.1	3.5
BAR UR 204	5.0	5.8	5.4	BAR FRR 4ZBD	1.0	6.0	3.5
JASPER (E)	4.0	6.5	5.3	COMMON CREEPING	1.3	5.5	3.4
MEDINA	6.0	4.4	5.2	JAMESTOWN II	1.0	5.9	3.4
VICTORY (E)	4.7	5.7	5.2				
FLORENTINE (PST-4VB ENDO.)	4.0	6.3	5.1	LSD VALUE	1.8	1.2	1.1
MB 66-93	4.0	6.3	5.1	C.V. (%)	24.5	12.7	18.0

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN
DAWSON	5.0	6.3	5.7
SEABREEZE	5.0	6.3	5.6
LSD VALUE	1.1	0.7	0.7
C.V. (%)	14.1	7.0	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 4C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN
67135	4	5.1	4.6
QUATRO (FO 143)	2	6.0	4.0
LSD VALUE	0	1.2	0.6
C.V. (%)	0	13.1	12.0

TABLE 4D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN
TIFFANY	8.0	5.7	6.9
BRITTANY	7.0	6.3	6.7
NJ F-93	7.0	6.2	6.6
SR 5100	6.0	6.3	6.1
ISI-FC-62	6.0	6.0	6.0
SANDPIER (PRO 92/20)	6.0	5.9	5.9
TMI-3CE	5.7	6.1	5.9
SHADOW II (PST-44D)	5.0	6.3	5.7
MEDINA	6.0	4.4	5.2
VICTORY (E)	4.7	5.7	5.2
MB 66-93	4.0	6.3	5.1
MOLINDA	4.0	6.1	5.1
SHADOW (E)	4.3	5.8	5.1
JAMESTOWN	4.0	6.0	5.0
CASCADE	4.0	5.5	4.8
VICTORY II (PICK 4-91W)	3.0	6.2	4.6
BANNER II	2.7	6.0	4.3
CULUMBRA (MB 64-93)	2.7	6.0	4.3
ECO (MB 63-93)	2.0	6.6	4.3
K-2 (MB 65-93)	2.0	6.2	4.1
BRIDGEPORT	2.0	6.1	4.1
TREAZURE (ZPS-MG)	2.0	6.1	4.0
DARWIN	2.0	6.0	4.0
BANNER III (MB 61-93)	2.0	5.9	3.9
WX3-FF54	1.0	6.1	3.5
JAMESTOWN II	1.0	5.9	3.4
LSD VALUE	1.9	1.4	1.2
C.V. (%)	29.3	15.0	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.

TABLE 4E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN
PST-4ST	6.7	6.4	6.5
SHADEMASTER II	6.3	6.5	6.4
PST-4DT	6.0	6.5	6.2
FLYER	5.0	6.1	5.5
WX3-FFG6	6.0	4.9	5.4
BAR UR 204	5.0	5.8	5.4
JASPER (E)	4.0	6.5	5.3
FLORENTINE (PST-4VB ENDO.)	4.0	6.3	5.1
RONDO	3.0	6.7	4.9
SILVERLAWN (WVPB-STCR-101)	6.0	3.7	4.9
ARUBA	3.7	6.0	4.9
CAS-FR13	3.7	5.9	4.8
FLYER II (ZPS-4BN)	3.0	6.4	4.7
BAR FRR 4ZBD	1.0	6.0	3.5
COMMON CREEPING	1.3	5.5	3.4
LSD VALUE	1.1	0.8	0.7
C.V. (%)	15.5	8.6	11.6

TABLE 4F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT TWO LOCATIONS (SHADE) IN THE U.S. 1/
1997 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MI1	MEAN
RELIANT II	8.0	6.5	7.3
SCALDIS	8.3	5.9	7.1
SPARTAN	8.0	6.2	7.1
MB 82-93	8.0	5.8	6.9
DEFIANT (MB 81-93)	7.0	6.6	6.8
NORDIC	7.0	6.6	6.8
DISCOVERY	5.7	6.4	6.0
OSPREY (PRO 92/24)	5.7	5.6	5.6
AURORA W/ENDO.	4.7	6.3	5.5
ECOSTAR	4.7	6.3	5.5
VERNON (MB 83-93)	4.0	6.2	5.1
SR 3100	4.7	5.5	5.1
BRIGADE	3.0	6.4	4.7
PAMELA	2.0	5.1	3.5
LSD VALUE	2.3	1.2	1.3
C.V. (%)	24.5	12.3	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 5A.

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA

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

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
FLYER II (ZPS-4BN)	4.0	8.0	8.7	9.0	6.7	8.0	7.3	6.7	6.0	7.1
SHADEMASTER II	5.0	8.0	8.0	8.3	7.3	6.7	7.0	7.0	6.7	7.1
FLORENTINE (PST-4VB ENDO.)	5.0	7.3	9.0	8.7	7.0	8.0	7.0	6.0	4.3	6.9
QUATRO (FO 143)	4.3	6.0	8.3	9.0	7.7	8.3	7.0	7.0	4.7	6.9
PST-4ST	5.0	7.0	7.0	8.0	7.3	6.3	8.0	6.3	6.3	6.8
BAR FRR 4ZBD	5.0	6.0	9.0	9.0	8.0	7.3	6.3	6.7	4.0	6.8
VERNON (MB 83-93)	4.0	5.0	9.0	8.7	7.3	8.3	6.5	7.0	5.3	6.8
PST-4DT	5.7	6.0	8.0	8.7	7.0	7.3	6.7	6.3	5.0	6.7
PAMELA	3.7	6.7	7.7	9.0	7.7	7.0	6.5	6.7	5.3	6.7
JASPER (E)	4.7	6.7	8.0	8.7	7.0	7.0	6.7	6.7	4.7	6.7
DISCOVERY	4.7	6.0	8.0	9.0	7.7	6.3	6.5	6.7	4.7	6.6
SILVERLAWN (WVFB-STCR-101)	4.3	7.7	7.7	8.7	7.0	6.7	6.7	6.0	4.3	6.6
SCALDIS	3.3	7.0	8.7	8.3	6.7	7.3	7.0	6.0	4.3	6.5
DARWIN	4.7	7.0	3.7	9.0	7.3	8.3	7.0	6.0	5.0	6.4
NORDIC	4.0	6.0	8.3	8.7	7.3	6.7	6.0	6.3	4.3	6.4
CAS-FR13	5.0	4.0	9.0	9.0	7.3	4.0	7.0	6.7	5.7	6.4
RELIANT II	4.0	4.3	8.3	8.7	7.3	6.7	6.5	6.7	5.0	6.4
SPARTAN	4.7	5.0	8.7	8.7	7.0	6.7	6.0	6.3	4.3	6.4
CULUMBRA (MB 64-93)	3.3	6.7	7.7	8.0	5.7	7.3	6.3	7.3	4.3	6.3
BRIGADE	3.7	4.3	8.0	8.3	7.7	7.0	6.0	6.7	5.0	6.3
ECO (MB 63-93)	4.3	3.7	7.3	9.0	6.0	7.0	7.0	6.7	5.7	6.3
AURORA W/ENDO.	3.3	4.0	8.7	8.7	7.0	7.0	6.0	6.7	5.0	6.3
OSPREY (PRO 92/24)	4.3	5.7	8.7	8.7	7.3	5.3	6.0	6.0	4.0	6.2
NJ F-93	3.3	6.0	8.0	8.7	5.7	6.3	6.7	6.3	4.7	6.2
SHADOW (E)	3.3	7.0	7.3	8.3	5.3	7.0	5.7	6.3	5.3	6.2
K-2 (MB 65-93)	3.7	5.7	8.0	8.3	5.7	6.0	5.7	6.3	5.7	6.1
FLYER	4.7	5.0	7.3	7.3	6.7	5.7	6.3	7.3	4.3	6.1
ECOSTAR	3.7	5.7	7.7	9.0	8.0	7.0	1.0	6.0	6.3	6.0
MB 82-93	3.7	6.7	7.7	8.7	6.3	4.7	5.0	7.0	4.3	6.0
SR 3100	4.0	5.0	8.7	9.0	7.7	6.7	1.0	6.3	5.7	6.0
MB 66-93	4.3	3.3	7.7	8.0	6.3	6.0	6.0	6.7	5.3	6.0
JAMESTOWN	3.0	5.0	7.3	8.3	6.0	5.3	6.7	6.7	5.0	5.9
COMMON CREEPING	4.0	6.0	8.7	7.7	7.0	3.7	6.7	6.0	3.7	5.9
WX3-FFG6	3.7	5.0	7.3	8.3	6.7	4.3	7.0	6.7	4.0	5.9
BANNER III (MB 61-93)	4.0	5.7	7.0	8.0	5.7	5.0	6.3	6.7	4.0	5.8
WX3-FF54	3.0	6.0	7.0	7.7	6.7	5.7	6.3	5.7	4.3	5.8
BRITTANY	3.3	6.3	6.3	8.0	6.0	5.0	6.0	5.7	5.3	5.8
DEFIANT (MB 81-93)	3.3	2.0	9.0	8.7	6.7	6.3	4.3	6.7	5.0	5.8
ISI-FC-62	3.7	5.0	7.7	8.0	5.3	5.7	5.7	6.0	5.0	5.8
CASCADE	3.0	6.0	7.7	7.7	6.3	5.7	5.3	5.7	4.3	5.7
TIFFANY	3.0	5.3	6.0	8.3	6.0	5.3	7.0	6.3	4.3	5.7
VICTORY (E)	3.3	6.0	7.0	7.7	5.7	5.3	6.0	5.7	5.0	5.7
BRIDGEPORT	3.0	4.7	6.7	8.0	6.0	4.7	6.7	6.3	5.7	5.7
67135	3.3	4.7	7.3	8.3	6.7	4.7	5.5	6.0	5.0	5.7

TABLE 5A.
(CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1997 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
BANNER II	3.0	4.0	7.7	8.3	5.7	4.7	6.3	6.0	5.3	5.7
BAR UR 204	4.0	6.0	6.7	8.0	6.3	5.0	6.0	5.0	4.0	5.7
SHADOW II (PST-44D)	3.7	4.7	5.3	8.0	6.3	4.7	6.7	7.0	4.3	5.6
TREAZURE (ZPS-MG)	2.7	5.7	6.7	7.7	5.3	5.0	7.0	5.7	4.7	5.6
SANDPIPER (PRO 92/20)	3.7	4.7	6.7	8.7	6.0	4.0	6.3	5.7	4.3	5.6
VICTORY II (PICK 4-91W)	3.7	5.3	5.0	8.0	5.7	4.7	6.7	6.0	5.0	5.6
MEDINA	3.3	5.0	5.3	8.0	4.3	7.3	6.0	6.0	4.0	5.5
SR 5100	3.3	5.7	6.0	7.7	6.0	3.3	6.3	6.3	4.7	5.5
SEABREEZE	4.0	4.3	5.3	7.7	8.0	3.7	6.0	5.7	4.3	5.4
DAWSON	3.3	5.7	3.0	6.7	7.7	4.7	6.3	5.3	5.3	5.3
MOLINDA	3.3	2.0	7.0	7.0	6.3	5.0	6.0	6.0	4.7	5.3
TMI-3CE	3.0	3.0	7.0	7.3	6.7	5.0	5.0	5.3	4.0	5.1
ARUBA	3.3	3.3	6.0	7.7	7.0	3.7	6.0	4.0	5.0	5.1
RONDO	4.0	2.3	4.3	7.0	7.3	3.7	6.0	4.7	6.0	5.0
JAMESTOWN II	3.0	3.3	5.7	7.3	6.0	2.7	6.0	6.3	4.3	5.0
LSD VALUE	1.4	1.7	2.0	1.0	1.3	2.2	1.6	1.1	1.0	0.5
C.V. (%)	22.1	19.7	17.3	7.2	12.5	23.4	13.9	11.3	12.8	15.5

TABLE 5B. GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
SEABREEZE	4.0	4.3	5.3	7.7	8.0	3.7	6.0	5.7	4.3	5.4
DAWSON	3.3	5.7	3.0	6.7	7.7	4.7	6.3	5.3	5.3	5.3
LSD VALUE	0.7	1.9	5.8	1.5	0.7	2.2	1.3	0.9	0.9	0.8
C.V. (%)	11.1	23.1	87.1	12.7	5.2	32.5	13.2	10.5	11.9	26.8

TABLE 5C. GENETIC COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
QUATRO (FO 143)	4.3	6.0	8.3	9.0	7.7	8.3	7.0	7	4.7	6.9
67135	3.3	4.7	7.3	8.3	6.7	4.7	5.5	6	5.0	5.7
LSD VALUE	2.5	1.3	0.9	0.7	0.9	0.9	1.7	0	0.7	0.4
C.V. (%)	39.8	15.3	7.4	4.7	8.1	8.9	11.3	0	8.4	11.6

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 5D.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
DARWIN	4.7	7.0	3.7	9.0	7.3	8.3	7.0	6.0	5.0	6.4
CULUMBRA (MB 64-93)	3.3	6.7	7.7	8.0	5.7	7.3	6.3	7.3	4.3	6.3
ECO (MB 63-93)	4.3	3.7	7.3	9.0	6.0	7.0	7.0	6.7	5.7	6.3
NJ F-93	3.3	6.0	8.0	8.7	5.7	6.3	6.7	6.3	4.7	6.2
SHADOW (E)	3.3	7.0	7.3	8.3	5.3	7.0	5.7	6.3	5.3	6.2
K-2 (MB 65-93)	3.7	5.7	8.0	8.3	5.7	6.0	5.7	6.3	5.7	6.1
MB 66-93	4.3	3.3	7.7	8.0	6.3	6.0	6.0	6.7	5.3	6.0
JAMESTOWN	3.0	5.0	7.3	8.3	6.0	5.3	6.7	6.7	5.0	5.9
BANNER III (MB 61-93)	4.0	5.7	7.0	8.0	5.7	5.0	6.3	6.7	4.0	5.8
WX3-FF54	3.0	6.0	7.0	7.7	6.7	5.7	6.3	5.7	4.3	5.8
BRITTANY	3.3	6.3	6.3	8.0	6.0	5.0	6.0	5.7	5.3	5.8
ISI-FC-62	3.7	5.0	7.7	8.0	5.3	5.7	5.7	6.0	5.0	5.8
CASCADE	3.0	6.0	7.7	7.7	6.3	5.7	5.3	5.7	4.3	5.7
TIFFANY	3.0	5.3	6.0	8.3	6.0	5.3	7.0	6.3	4.3	5.7
VICTORY (E)	3.3	6.0	7.0	7.7	5.7	5.3	6.0	5.7	5.0	5.7
BRIDGEPORT	3.0	4.7	6.7	8.0	6.0	4.7	6.7	6.3	5.7	5.7
BANNER II	3.0	4.0	7.7	8.3	5.7	4.7	6.3	6.0	5.3	5.7
SHADOW II (PST-44D)	3.7	4.7	5.3	8.0	6.3	4.7	6.7	7.0	4.3	5.6
TREAZURE (ZPS-MG)	2.7	5.7	6.7	7.7	5.3	5.0	7.0	5.7	4.7	5.6
SANDPIPER (PRO 92/20)	3.7	4.7	6.7	8.7	6.0	4.0	6.3	5.7	4.3	5.6
VICTORY II (PICK 4-91W)	3.7	5.3	5.0	8.0	5.7	4.7	6.7	6.0	5.0	5.6
MEDINA	3.3	5.0	5.3	8.0	4.3	7.3	6.0	6.0	4.0	5.5
SR 5100	3.3	5.7	6.0	7.7	6.0	3.3	6.3	6.3	4.7	5.5
MOLINDA	3.3	2.0	7.0	7.0	6.3	5.0	6.0	6.0	4.7	5.3
TMI-3CE	3.0	3.0	7.0	7.3	6.7	5.0	5.0	5.3	4.0	5.1
JAMESTOWN II	3.0	3.3	5.7	7.3	6.0	2.7	6.0	6.3	4.3	5.0
LSD VALUE	1.1	1.6	2.2	0.9	1.6	2.3	0.9	1.3	1.1	0.5
C.V. (%)	20.4	19.1	20.1	6.8	16.9	26.7	9.4	12.8	14.2	16.5

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

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

TABLE 5E. GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
FLYER II (ZPS-4BN)	4.0	8.0	8.7	9.0	6.7	8.0	7.3	6.7	6.0	7.1
SHADEMASTER II	5.0	8.0	8.0	8.3	7.3	6.7	7.0	7.0	6.7	7.1
FLORENTINE (PST-4VB ENDO.)	5.0	7.3	9.0	8.7	7.0	8.0	7.0	6.0	4.3	6.9
PST-4ST	5.0	7.0	7.0	8.0	7.3	6.3	8.0	6.3	6.3	6.8
BAR FRR 4ZBD	5.0	6.0	9.0	9.0	8.0	7.3	6.3	6.7	4.0	6.8
PST-4DT	5.7	6.0	8.0	8.7	7.0	7.3	6.7	6.3	5.0	6.7
JASPER (E)	4.7	6.7	8.0	8.7	7.0	7.0	6.7	6.7	4.7	6.7
SILVERLAWN (WVEB-STCR-101)	4.3	7.7	7.7	8.7	7.0	6.7	6.7	6.0	4.3	6.6
CAS-FR13	5.0	4.0	9.0	9.0	7.3	4.0	7.0	6.7	5.7	6.4
FLYER	4.7	5.0	7.3	7.3	6.7	5.7	6.3	7.3	4.3	6.1
COMMON CREEPING	4.0	6.0	8.7	7.7	7.0	3.7	6.7	6.0	3.7	5.9
WX3-FFG6	3.7	5.0	7.3	8.3	6.7	4.3	7.0	6.7	4.0	5.9
BAR UR 204	4.0	6.0	6.7	8.0	6.3	5.0	6.0	5.0	4.0	5.7
ARUBA	3.3	3.3	6.0	7.7	7.0	3.7	6.0	4.0	5.0	5.1
RONDO	4.0	2.3	4.3	7.0	7.3	3.7	6.0	4.7	6.0	5.0
LSD VALUE	1.6	1.8	1.6	1.1	1.1	1.9	0.8	1.2	0.9	0.5
C.V. (%)	22.3	19.4	12.8	8.3	10.1	20.5	7.0	11.9	11.3	13.7

TABLE 5F. GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IL1	IL2	KY1	ME1	MI1	NJ2	OK1	WA1	WI1	MEAN
VERNON (MB 83-93)	4.0	5.0	9.0	8.7	7.3	8.3	6.5	7.0	5.3	6.8
PAMELA	3.7	6.7	7.7	9.0	7.7	7.0	6.5	6.7	5.3	6.7
DISCOVERY	4.7	6.0	8.0	9.0	7.7	6.3	6.5	6.7	4.7	6.6
SCALDIS	3.3	7.0	8.7	8.3	6.7	7.3	7.0	6.0	4.3	6.5
NORDIC	4.0	6.0	8.3	8.7	7.3	6.7	6.0	6.3	4.3	6.4
RELIANT II	4.0	4.3	8.3	8.7	7.3	6.7	6.5	6.7	5.0	6.4
SPARTAN	4.7	5.0	8.7	8.7	7.0	6.7	6.0	6.3	4.3	6.4
BRIGADE	3.7	4.3	8.0	8.3	7.7	7.0	6.0	6.7	5.0	6.3
AURORA W/ENDO.	3.3	4.0	8.7	8.7	7.0	7.0	6.0	6.7	5.0	6.3
OSPREY (PRO 92/24)	4.3	5.7	8.7	8.7	7.3	5.3	6.0	6.0	4.0	6.2
ECOSTAR	3.7	5.7	7.7	9.0	8.0	7.0	1.0	6.0	6.3	6.0
MB 82-93	3.7	6.7	7.7	8.7	6.3	4.7	5.0	7.0	4.3	6.0
SR 3100	4.0	5.0	8.7	9.0	7.7	6.7	1.0	6.3	5.7	6.0
DEFIANT (MB 81-93)	3.3	2.0	9.0	8.7	6.7	6.3	4.3	6.7	5.0	5.8
LSD VALUE	1.3	1.8	1.0	0.9	1.0	2.3	4.9	0.9	1.0	0.5
C.V. (%)	21.0	21.0	7.4	6.4	8.8	21.4	38.9	8.2	12.2	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 6A.

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1997 DATA

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

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
MOLINDA	6.7	5.3	8.3	6.3	7.0	6.3	5.0	6.3	5.7	6.3
ECO (MB 63-93)	6.0	5.7	9.0	6.3	6.3	7.0	5.0	5.3	5.7	6.3
MB 66-93	5.3	5.0	9.0	6.3	6.7	7.0	4.3	5.7	6.0	6.1
ARUBA	6.7	6.3	7.0	6.0	6.3	6.3	5.3	6.0	5.0	6.1
JASPER (E)	7.3	6.0	7.7	6.0	5.0	7.7	4.7	5.0	5.3	6.1
PST-4DT	7.0	6.3	7.7	5.7	5.3	7.0	3.7	5.7	6.3	6.1
CAS-FR13	7.7	6.3	8.0	5.0	5.7	6.0	4.3	5.7	5.3	6.0
QUATRO (FO 143)	6.0	5.3	8.3	6.0	6.3	5.3	4.0	5.7	6.3	5.9
FLYER	6.3	6.7	7.7	5.7	5.3	6.7	4.7	5.7	4.3	5.9
SHADOW II (PST-44D)	6.7	5.7	9.0	4.7	6.0	6.7	4.3	5.0	5.0	5.9
CASCADE	5.7	5.7	7.3	5.3	7.0	6.0	4.7	5.0	6.0	5.9
MB 82-93	7.0	5.0	8.7	5.3	6.0	5.0	5.3	4.7	5.7	5.9
ISI-FC-62	7.3	5.3	8.7	5.7	4.7	7.0	3.7	5.0	4.7	5.8
K-2 (MB 65-93)	7.3	4.7	8.3	5.0	5.7	6.7	4.3	4.7	5.0	5.7
TIFFANY	6.7	5.0	8.3	4.3	6.0	6.7	4.3	4.3	6.0	5.7
SHADOW (E)	7.0	6.0	8.0	5.0	4.7	6.0	4.0	4.7	5.7	5.7
BRIDGEPORT	6.7	5.0	8.3	6.3	4.7	6.3	4.3	4.3	4.3	5.6
SILVERLAWN (WVEB-STCR-101)	6.7	6.0	8.3	6.0	4.0	6.0	4.7	4.0	4.7	5.6
WX3-FFG6	6.7	4.7	8.3	6.0	5.0	6.3	4.3	4.3	4.3	5.6
FLYER II (ZPS-4BN)	7.3	5.3	8.7	5.7	3.7	6.0	4.0	5.7	3.3	5.5
TMI-3CE	6.3	5.0	8.3	6.0	5.0	6.3	4.0	4.3	4.3	5.5
BAR UR 204	6.0	6.0	6.7	5.7	5.3	6.3	4.7	5.0	4.0	5.5
CULUMBRA (MB 64-93)	7.7	5.0	8.7	5.0	4.7	6.0	4.0	3.7	4.7	5.5
BRITTANY	6.7	5.3	8.3	6.0	4.0	5.7	4.3	5.0	3.7	5.4
FLORENTINE (PST-4VB ENDO.)	7.7	6.0	8.0	4.7	3.3	6.3	4.0	5.0	4.0	5.4
BAR FRR 4ZBD	7.7	6.0	8.0	4.7	3.3	5.7	4.3	5.0	4.0	5.4
MEDINA	7.3	5.7	5.3	3.7	5.0	7.0	4.0	4.7	6.0	5.4
SHADEMASTER II	7.0	4.7	8.3	5.7	3.3	6.7	4.0	5.0	4.0	5.4
BANNER II	6.0	5.0	7.7	5.7	4.7	6.3	5.0	3.7	4.3	5.4
JAMESTOWN	6.0	4.3	7.3	5.7	6.0	5.7	4.7	3.7	5.0	5.4
TREAZURE (ZPS-MG)	6.7	5.3	8.7	5.3	4.0	6.0	4.3	4.3	3.7	5.4
VICTORY (E)	6.7	5.3	8.0	5.7	4.3	5.7	4.0	4.3	4.3	5.4
VICTORY II (PICK 4-91W)	6.3	5.0	8.7	5.3	4.3	5.3	4.3	5.0	4.0	5.4
DEFIANT (MB 81-93)	6.0	5.3	7.0	6.0	4.3	4.3	5.3	4.3	5.0	5.3
NJ F-93	6.0	4.3	9.0	5.7	3.7	6.0	4.3	4.3	4.0	5.3
PST-4ST	7.0	5.7	8.0	5.7	2.7	6.3	4.7	4.3	3.0	5.3
BANNER III (MB 61-93)	7.0	4.7	8.3	5.3	4.0	5.7	3.3	3.7	5.0	5.2
WX3-FF54	6.3	5.0	8.3	5.3	3.7	5.7	4.3	3.3	4.7	5.2
COMMON CREEPING	7.7	4.7	6.3	5.7	3.7	5.0	4.3	5.0	4.0	5.1
SR 5100	5.7	5.0	8.3	4.7	3.3	6.3	4.0	4.3	4.7	5.1
67135	4.7	7.0	8.0	5.3	4.7	5.3	2.0	4.7	4.7	5.1
SANDPIPER (PRO 92/20)	6.3	4.7	7.7	5.3	3.3	6.0	4.3	4.0	4.0	5.1
JAMESTOWN II	6.3	5.0	8.0	5.3	3.7	4.7	4.0	4.0	4.3	5.0
PAMELA	5.7	3.3	7.3	4.7	3.7	4.7	5.0	4.7	4.7	4.9

TABLE 6A.
(CONT'D)

SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS
1997 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
SEABREEZE	6.3	5.3	1.0	6.0	5.0	5.3	4.3	6.0	4.3	4.9
BRIGADE	5.7	4.3	7.3	6.0	3.3	3.3	4.0	4.3	4.7	4.8
AURORA W/ENDO.	5.3	4.3	7.0	5.0	2.7	3.7	5.0	4.0	4.7	4.6
SCALDIS	5.7	3.3	7.3	6.0	2.3	3.0	5.0	4.3	4.7	4.6
DAWSON	5.3	5.3	1.3	5.3	4.3	5.3	4.7	5.7	3.7	4.6
VERNON (MB 83-93)	5.3	4.0	7.0	5.7	2.7	2.7	4.5	4.3	4.7	4.5
DISCOVERY	6.0	4.0	7.0	5.3	2.3	2.7	4.5	3.7	5.0	4.5
SPARTAN	6.0	4.3	7.0	6.0	2.3	3.0	3.0	4.0	4.7	4.5
DARWIN	7.3	4.3	1.0	5.7	3.3	5.0	4.7	4.0	4.3	4.4
ECOSTAR	5.7	3.7	7.3	6.0	2.0	2.7	3.0	4.0	5.0	4.4
NORDIC	5.0	3.3	7.0	5.7	2.3	3.3	4.7	4.0	4.0	4.4
SR 3100	5.3	3.7	7.0	4.7	2.3	3.7	4.0	4.3	4.3	4.4
RELIANT II	5.0	3.7	7.0	4.7	2.7	2.3	4.5	4.0	4.7	4.3
OSPREY (PRO 92/24)	5.7	3.7	7.0	5.7	2.3	2.3	2.0	4.3	4.7	4.2
RONDO	6.0	4.0	1.0	5.0	3.3	5.7	4.0	3.7	4.0	4.1
LSD VALUE	1.3	1.2	1.1	1.2	1.7	1.5	1.2	1.0	1.3	0.4
C.V. (%)	12.7	14.8	9.4	14.1	24.8	17.4	15.2	13.9	16.9	15.2

TABLE 6B. SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
SEABREEZE	6.3	5.3	1.0	6.0	5.0	5.3	4.3	6.0	4.3	4.9
DAWSON	5.3	5.3	1.3	5.3	4.3	5.3	4.7	5.7	3.7	4.6
LSD VALUE	1.9	0.9	0.7	1.3	2.1	0.9	1.5	0.7	0.9	0.4
C.V. (%)	19.8	10.8	35.0	14.4	27.7	10.8	20.3	7.0	14.4	17.1

TABLE 6C. SPRING GREENUP RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
QUATRO (FO 143)	6.0	5.3	8.3	6.0	6.3	5.3	4	5.7	6.3	5.9
67135	4.7	7.0	8.0	5.3	4.7	5.3	2	4.7	4.7	5.1
LSD VALUE	0.7	1.3	0.7	0.7	1.9	3.3	0	0.9	0.9	0.5
C.V. (%)	7.7	13.2	5.0	7.2	21.0	39.0	0	11.2	10.5	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 6D.

 SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1997 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/									
	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
MOLINDA	6.7	5.3	8.3	6.3	7.0	6.3	5.0	6.3	5.7	6.3
ECO (MB 63-93)	6.0	5.7	9.0	6.3	6.3	7.0	5.0	5.3	5.7	6.3
MB 66-93	5.3	5.0	9.0	6.3	6.7	7.0	4.3	5.7	6.0	6.1
SHADOW II (PST-44D)	6.7	5.7	9.0	4.7	6.0	6.7	4.3	5.0	5.0	5.9
CASCADE	5.7	5.7	7.3	5.3	7.0	6.0	4.7	5.0	6.0	5.9
ISI-FC-62	7.3	5.3	8.7	5.7	4.7	7.0	3.7	5.0	4.7	5.8
K-2 (MB 65-93)	7.3	4.7	8.3	5.0	5.7	6.7	4.3	4.7	5.0	5.7
TIFFANY	6.7	5.0	8.3	4.3	6.0	6.7	4.3	4.3	6.0	5.7
SHADOW (E)	7.0	6.0	8.0	5.0	4.7	6.0	4.0	4.7	5.7	5.7
BRIDGEPORT	6.7	5.0	8.3	6.3	4.7	6.3	4.3	4.3	4.3	5.6
TMI-3CE	6.3	5.0	8.3	6.0	5.0	6.3	4.0	4.3	4.3	5.5
CULUMBRA (MB 64-93)	7.7	5.0	8.7	5.0	4.7	6.0	4.0	3.7	4.7	5.5
BRITTANY	6.7	5.3	8.3	6.0	4.0	5.7	4.3	5.0	3.7	5.4
MEDINA	7.3	5.7	5.3	3.7	5.0	7.0	4.0	4.7	6.0	5.4
BANNER II	6.0	5.0	7.7	5.7	4.7	6.3	5.0	3.7	4.3	5.4
JAMESTOWN	6.0	4.3	7.3	5.7	6.0	5.7	4.7	3.7	5.0	5.4
TREAZURE (ZPS-MG)	6.7	5.3	8.7	5.3	4.0	6.0	4.3	4.3	3.7	5.4
VICTORY (E)	6.7	5.3	8.0	5.7	4.3	5.7	4.0	4.3	4.3	5.4
VICTORY II (PICK 4-91W)	6.3	5.0	8.7	5.3	4.3	5.3	4.3	5.0	4.0	5.4
NJ F-93	6.0	4.3	9.0	5.7	3.7	6.0	4.3	4.3	4.0	5.3
BANNER III (MB 61-93)	7.0	4.7	8.3	5.3	4.0	5.7	3.3	3.7	5.0	5.2
WX3-FF54	6.3	5.0	8.3	5.3	3.7	5.7	4.3	3.3	4.7	5.2
SR 5100	5.7	5.0	8.3	4.7	3.3	6.3	4.0	4.3	4.7	5.1
SANDPIPER (PRO 92/20)	6.3	4.7	7.7	5.3	3.3	6.0	4.3	4.0	4.0	5.1
JAMESTOWN II	6.3	5.0	8.0	5.3	3.7	4.7	4.0	4.0	4.3	5.0
DARWIN	7.3	4.3	1.0	5.7	3.3	5.0	4.7	4.0	4.3	4.4
LSD VALUE	1.4	1.0	1.4	1.4	1.7	1.2	1.1	1.1	1.2	0.4
C.V. (%)	13.3	12.8	11.3	16.6	22.0	11.9	15.4	15.1	15.3	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 6E. SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
ARUBA	6.7	6.3	7.0	6.0	6.3	6.3	5.3	6.0	5.0	6.1
JASPER (E)	7.3	6.0	7.7	6.0	5.0	7.7	4.7	5.0	5.3	6.1
PST-4DT	7.0	6.3	7.7	5.7	5.3	7.0	3.7	5.7	6.3	6.1
CAS-FR13	7.7	6.3	8.0	5.0	5.7	6.0	4.3	5.7	5.3	6.0
FLYER	6.3	6.7	7.7	5.7	5.3	6.7	4.7	5.7	4.3	5.9
SILVERLAWN (WVEB-STCR-101)	6.7	6.0	8.3	6.0	4.0	6.0	4.7	4.0	4.7	5.6
WX3-FFG6	6.7	4.7	8.3	6.0	5.0	6.3	4.3	4.3	4.3	5.6
FLYER II (ZPS-4BN)	7.3	5.3	8.7	5.7	3.7	6.0	4.0	5.7	3.3	5.5
BAR UR 204	6.0	6.0	6.7	5.7	5.3	6.3	4.7	5.0	4.0	5.5
FLORENTINE (PST-4VB ENDO.)	7.7	6.0	8.0	4.7	3.3	6.3	4.0	5.0	4.0	5.4
BAR FRR 4ZBD	7.7	6.0	8.0	4.7	3.3	5.7	4.3	5.0	4.0	5.4
SHADEMASTER II	7.0	4.7	8.3	5.7	3.3	6.7	4.0	5.0	4.0	5.4
PST-4ST	7.0	5.7	8.0	5.7	2.7	6.3	4.7	4.3	3.0	5.3
COMMON CREEPING	7.7	4.7	6.3	5.7	3.7	5.0	4.3	5.0	4.0	5.1
RONDO	6.0	4.0	1.0	5.0	3.3	5.7	4.0	3.7	4.0	4.1
LSD VALUE	1.3	1.2	0.9	1.0	1.9	1.3	1.0	1.0	1.7	0.4
C.V. (%)	11.3	13.7	7.9	11.4	26.5	13.2	14.0	13.0	23.8	14.6

TABLE 6F. SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	KY1	MI1	NJ1	NJ2	OK1	UB1	WA1	MEAN
MB 82-93	7.0	5.0	8.7	5.3	6.0	5.0	5.3	4.7	5.7	5.9
DEFIANT (MB 81-93)	6.0	5.3	7.0	6.0	4.3	4.3	5.3	4.3	5.0	5.3
PAMELA	5.7	3.3	7.3	4.7	3.7	4.7	5.0	4.7	4.7	4.9
BRIGADE	5.7	4.3	7.3	6.0	3.3	3.3	4.0	4.3	4.7	4.8
AURORA W/ENDO.	5.3	4.3	7.0	5.0	2.7	3.7	5.0	4.0	4.7	4.6
SCALDIS	5.7	3.3	7.3	6.0	2.3	3.0	5.0	4.3	4.7	4.6
VERNON (MB 83-93)	5.3	4.0	7.0	5.7	2.7	2.7	4.5	4.3	4.7	4.5
DISCOVERY	6.0	4.0	7.0	5.3	2.3	2.7	4.5	3.7	5.0	4.5
SPARTAN	6.0	4.3	7.0	6.0	2.3	3.0	3.0	4.0	4.7	4.5
ECOSTAR	5.7	3.7	7.3	6.0	2.0	2.7	3.0	4.0	5.0	4.4
NORDIC	5.0	3.3	7.0	5.7	2.3	3.3	4.7	4.0	4.0	4.4
SR 3100	5.3	3.7	7.0	4.7	2.3	3.7	4.0	4.3	4.3	4.4
RELIANT II	5.0	3.7	7.0	4.7	2.7	2.3	4.5	4.0	4.7	4.3
OSPREY (PRO 92/24)	5.7	3.7	7.0	5.7	2.3	2.3	2.0	4.3	4.7	4.2
LSD VALUE	1.1	1.4	0.6	1.1	1.4	1.9	1.4	1.0	1.0	0.4
C.V. (%)	12.2	21.8	4.8	12.6	30.0	34.6	13.8	14.2	13.0	16.3

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

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

TABLE 7A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
DISCOVERY	8.0	9.0	6.0	8.3	8.0	8.0	7.9
SHADOW II (PST-44D)	7.7	9.0	6.0	7.3	8.0	8.3	7.7
BANNER III (MB 61-93)	7.0	9.0	6.0	6.7	8.0	8.0	7.4
SANDPIPER (PRO 92/20)	7.3	9.0	5.7	6.7	8.0	8.0	7.4
QUATRO (FO 143)	5.7	9.0	6.0	7.7	8.0	8.0	7.4
BRITTANY	7.0	9.0	6.0	6.3	8.0	8.0	7.4
AURORA W/ENDO.	7.0	9.0	6.0	6.0	8.0	8.0	7.3
SR 5100	6.0	8.3	6.0	7.0	8.0	8.3	7.3
MB 82-93	6.0	9.0	5.7	7.3	7.7	8.0	7.3
BAR UR 204	7.0	9.0	6.0	5.3	8.0	8.0	7.2
CULUMBRA (MB 64-93)	7.0	9.0	6.0	5.3	8.0	8.0	7.2
JAMESTOWN II	7.0	9.0	6.0	5.3	8.0	8.0	7.2
RONDO	7.0	8.0	6.0	5.7	8.0	8.3	7.2
JAMESTOWN	8.0	9.0	6.0	4.0	8.0	8.0	7.2
SEABREEZE	5.3	7.7	6.0	8.0	8.0	8.0	7.2
TMI-3CE	7.0	8.7	6.0	5.0	8.0	8.3	7.2
NORDIC	6.7	8.0	6.0	5.3	8.0	8.3	7.1
PAMELA	7.7	9.0	6.0	3.7	8.0	8.0	7.1
ECO (MB 63-93)	5.0	9.0	6.0	6.3	8.0	8.0	7.1
NJ F-93	7.0	8.0	6.0	5.3	8.0	8.0	7.1
SHADOW (E)	6.0	9.0	6.0	5.3	8.0	8.0	7.1
SILVERLAWN (WVPB-STCR-101)	8.7	8.0	6.0	3.7	8.0	8.0	7.1
SPARTAN	6.0	8.7	6.0	5.7	8.0	8.0	7.1
BRIGADE	8.7	9.0	6.0	6.0	4.5	8.0	7.0
BRIDGEPORT	5.0	9.0	6.0	6.0	8.0	8.0	7.0
DEFIANT (MB 81-93)	4.3	8.3	6.0	7.3	8.0	8.0	7.0
TREASURE (ZPS-MG)	5.7	9.0	6.0	5.3	8.0	8.0	7.0
VICTORY II (PICK 4-91W)	5.0	8.3	6.0	6.7	8.0	8.0	7.0
BANNER II	5.0	9.0	5.7	6.0	8.0	8.0	6.9
FLORENTINE (PST-4VB ENDO.)	6.0	9.0	5.7	5.0	8.0	8.0	6.9
SCALDIS	8.7	8.0	6.0	6.3	4.5	8.0	6.9
SHADEMASTER II	4.0	9.0	6.0	6.3	8.0	8.0	6.9
ISI-FC-62	4.0	9.0	6.0	5.7	8.0	8.0	6.8
OSPREY (PRO 92/24)	5.0	8.0	6.0	5.7	8.0	8.0	6.8
PST-4DT	6.0	8.0	6.0	4.7	8.0	8.0	6.8
VICTORY (E)	3.3	8.0	6.0	7.3	8.0	8.0	6.8
WX3-FF54	4.0	9.0	6.0	5.7	8.0	8.0	6.8
K-2 (MB 65-93)	5.3	9.0	6.0	4.3	8.0	8.0	6.8
MOLINDA	6.0	8.3	6.0	3.7	8.0	8.3	6.7
67135	4.0	9.0	6.0	5.3	8.0	8.0	6.7
RELIANT II	6.0	8.7	6.0	6.0	5.7	8.0	6.7
WX3-FFG6	7.0	7.0	5.3	5.0	8.0	8.0	6.7
CAS-FR13	5.0	9.0	6.0	4.7	7.3	8.0	6.7
JASPER (E)	5.0	7.7	6.0	5.7	7.7	8.0	6.7
TIFFANY	3.3	9.0	5.7	6.0	8.0	8.0	6.7
ECOSTAR	7.0	8.0	6.0	6.3	4.5	8.0	6.6
MB 66-93	4.0	9.0	6.0	4.7	8.0	8.0	6.6

TABLE 7A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
VERNON (MB 83-93)	7.0	8.0	6.0	5.0	5.7	8.0	6.6
SR 3100	5.0	9.0	6.0	7.0	4.5	8.0	6.6
ARUBA	4.7	9.0	6.0	3.7	8.0	8.0	6.6
COMMON CREEPING	6.0	8.3	6.0	3.3	7.7	8.0	6.6
FLYER II (ZPS-4BN)	5.0	9.0	6.0	3.3	8.0	8.0	6.6
PST-4ST	4.3	8.0	6.0	4.3	7.7	8.3	6.4
FLYER	3.0	7.7	5.7	5.7	8.0	8.0	6.3
DAWSON	4.0	7.0	5.7	5.0	8.0	8.0	6.3
CASCADE	3.0	8.3	6.0	4.3	7.7	8.0	6.2
BAR FRR 4ZBD	4.3	7.3	6.0	3.7	7.7	8.0	6.2
MEDINA	3.3	8.7	4.0	5.0	8.0	8.0	6.2
DARWIN	4.0	5.7	6.0	4.7	8.0	8.0	6.1
LSD VALUE	1.9	1.0	0.8	2.4	2.2	0.4	0.7
C.V. (%)	21.1	7.7	8.4	26.8	16.7	3.0	14.5

TABLE 7B. LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
SEABREEZE	5.3	7.7	6.0	8.0	8	8	7.2
DAWSON	4.0	7.0	5.7	5.0	8	8	6.3
LSD VALUE	2.4	1.3	0.7	1.1	0	0	0.5
C.V. (%)	31.5	11.1	7.0	10.9	0	0	11.4

TABLE 7C. LEAF TEXTURE RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
QUATRO (FO 143)	5.7	9	6	7.7	8	8	7.4
67135	4.0	9	6	5.3	8	8	6.7
LSD VALUE	2.4	0	0	2.2	0	0	0.6
C.V. (%)	30.5	0	0	20.8	0	0	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 7D. LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
SHADOW II (PST-44D)	7.7	9.0	6.0	7.3	8.0	8.3	7.7
BANNER III (MB 61-93)	7.0	9.0	6.0	6.7	8.0	8.0	7.4
SANDPIPER (PRO 92/20)	7.3	9.0	5.7	6.7	8.0	8.0	7.4
BRITTANY	7.0	9.0	6.0	6.3	8.0	8.0	7.4
SR 5100	6.0	8.3	6.0	7.0	8.0	8.3	7.3
CULUMBRA (MB 64-93)	7.0	9.0	6.0	5.3	8.0	8.0	7.2
JAMESTOWN II	7.0	9.0	6.0	5.3	8.0	8.0	7.2
JAMESTOWN	8.0	9.0	6.0	4.0	8.0	8.0	7.2
TMI-3CE	7.0	8.7	6.0	5.0	8.0	8.3	7.2
ECO (MB 63-93)	5.0	9.0	6.0	6.3	8.0	8.0	7.1
NJ F-93	7.0	8.0	6.0	5.3	8.0	8.0	7.1
SHADOW (E)	6.0	9.0	6.0	5.3	8.0	8.0	7.1
BRIDGEPORT	5.0	9.0	6.0	6.0	8.0	8.0	7.0
TREAZURE (ZPS-MG)	5.7	9.0	6.0	5.3	8.0	8.0	7.0
VICTORY II (PICK 4-91W)	5.0	8.3	6.0	6.7	8.0	8.0	7.0
BANNER II	5.0	9.0	5.7	6.0	8.0	8.0	6.9
ISI-FC-62	4.0	9.0	6.0	5.7	8.0	8.0	6.8
VICTORY (E)	3.3	8.0	6.0	7.3	8.0	8.0	6.8
WX3-FF54	4.0	9.0	6.0	5.7	8.0	8.0	6.8
K-2 (MB 65-93)	5.3	9.0	6.0	4.3	8.0	8.0	6.8
MOLINDA	6.0	8.3	6.0	3.7	8.0	8.3	6.7
TIFFANY	3.3	9.0	5.7	6.0	8.0	8.0	6.7
MB 66-93	4.0	9.0	6.0	4.7	8.0	8.0	6.6
CASCADE	3.0	8.3	6.0	4.3	7.7	8.0	6.2
MEDINA	3.3	8.7	4.0	5.0	8.0	8.0	6.2
DARWIN	4.0	5.7	6.0	4.7	8.0	8.0	6.1
LSD VALUE	1.9	1.4	1.1	2.5	0.2	0.5	0.6
C.V. (%)	21.8	9.7	12.0	28.0	1.4	3.7	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.

TABLE 7E. LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
BAR UR 204	7.0	9.0	6.0	5.3	8.0	8.0	7.2
RQND0	7.0	8.0	6.0	5.7	8.0	8.3	7.2
SILVERLAWN (WVPB-STCR-101)	8.7	8.0	6.0	3.7	8.0	8.0	7.1
FLORENTINE (PST-4VB ENDO.)	6.0	9.0	5.7	5.0	8.0	8.0	6.9
SHADEMASTER II	4.0	9.0	6.0	6.3	8.0	8.0	6.9
PST-4DT	6.0	8.0	6.0	4.7	8.0	8.0	6.8
WX3-FFG6	7.0	7.0	5.3	5.0	8.0	8.0	6.7
CAS-FR13	5.0	9.0	6.0	4.7	7.3	8.0	6.7
JASPER (E)	5.0	7.7	6.0	5.7	7.7	8.0	6.7
ARUBA	4.7	9.0	6.0	3.7	8.0	8.0	6.6
COMMON CREEPING	6.0	8.3	6.0	3.3	7.7	8.0	6.6
FLYER II (ZPS-4BN)	5.0	9.0	6.0	3.3	8.0	8.0	6.6
PST-4ST	4.3	8.0	6.0	4.3	7.7	8.3	6.4
FLYER	3.0	7.7	5.7	5.7	8.0	8.0	6.3
BAR FRR 4ZBD	4.3	7.3	6.0	3.7	7.7	8.0	6.2
LSD VALUE	1.6	0.6	0.4	2.8	0.5	0.3	0.6
C.V. (%)	17.7	4.8	4.4	36.8	4.2	2.6	12.6

TABLE 7F. LEAF TEXTURE RATINGS OF HARD FESCUE CULTIVARS 1/
 1997 DATA
 LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IL2	KY1	MI1	NJ2	OK1	WA1	MEAN
DISCOVERY	8.0	9.0	6.0	8.3	8.0	8.0	7.9
AURORA W/ENDO.	7.0	9.0	6.0	6.0	8.0	8.0	7.3
MB 82-93	6.0	9.0	5.7	7.3	7.7	8.0	7.3
NORDIC	6.7	8.0	6.0	5.3	8.0	8.3	7.1
PAMELA	7.7	9.0	6.0	3.7	8.0	8.0	7.1
SPARTAN	6.0	8.7	6.0	5.7	8.0	8.0	7.1
BRIGADE	8.7	9.0	6.0	6.0	4.5	8.0	7.0
DEFIANT (MB 81-93)	4.3	8.3	6.0	7.3	8.0	8.0	7.0
SCALDIS	8.7	8.0	6.0	6.3	4.5	8.0	6.9
OSPREY (PRO 92/24)	5.0	8.0	6.0	5.7	8.0	8.0	6.8
RELIANT II	6.0	8.7	6.0	6.0	5.7	8.0	6.7
ECOSTAR	7.0	8.0	6.0	6.3	4.5	8.0	6.6
VERNON (MB 83-93)	7.0	8.0	6.0	5.0	5.7	8.0	6.6
SR 3100	5.0	9.0	6.0	7.0	4.5	8.0	6.6
LSD VALUE	2.2	0.7	0.2	1.8	6.6	0.2	0.9
C.V. (%)	20.4	5.4	2.6	18.5	48.2	1.9	18.4

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

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

TABLE 8A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1	NAME	OK1
BAR UR 204	7.7	TREAZURE (ZPS-MG)	6.7
JASPER (E)	7.7	COMMON CREEPING	6.3
PST-4DT	7.7	DAWSON	6.3
SHADOW II (PST-44D)	7.7	RONDO	6.3
BANNER III (MB 61-93)	7.3	67135	6.0
BRIDGEPORT	7.3	ARUBA	6.0
BRITTANY	7.3	BANNER II	6.0
CULUMERA (MB 64-93)	7.3	DISCOVERY	6.0
FLYER II (ZPS-4BN)	7.3	SEABREEZE	6.0
ISI-FC-62	7.3	WX3-FF54	6.0
NJ F-93	7.3	MB 66-93	5.7
PST-4ST	7.3	JAMESTOWN	5.3
SHADEMASTER II	7.3	CASCADE	5.0
SILVERLAWN (WVPB-STCR-101)	7.3	MB 82-93	4.7
TMI-3CE	7.3	DARWIN	4.3
VICTORY II (PICK 4-91W)	7.3	QUATRO (FO 143)	4.0
FLORENTINE (PST-4VB ENDO.)	7.0	PAMELA	3.5
FLYER	7.0	RELIANT II	3.5
SHADOW (E)	7.0	NORDIC	3.3
SR 5100	7.0	DEFIANT (MB 81-93)	3.0
VICTORY (E)	7.0	OSPREY (PRO 92/24)	3.0
WX3-FFG6	7.0	AURORA W/ENDO.	2.0
BAR FRR 4ZBD	6.7	BRIGADE	2.0
CAS-FR13	6.7	ECOSTAR	2.0
ECO (MB 63-93)	6.7	SCALDIS	2.0
JAMESTOWN II	6.7	SPARTAN	2.0
K-2 (MB 65-93)	6.7	SR 3100	2.0
MEDINA	6.7	VERNON (MB 83-93)	2.0
MOLINDA	6.7		
SANDPIPER (PRO 92/20)	6.7	LSD VALUE	1.8
TIFFANY	6.7	C.V. (%)	17.3

TABLE 8B. SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1
DAWSON	6.3
SEABREEZE	6.0
LSD VALUE	0.7
C.V. (%)	6.6

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 8C. SPRING DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1
67135	6.0
QUATRO (FO 143)	4.0
LSD VALUE	3.4
C.V. (%)	28.3

TABLE 8D. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	OK1
SHADOW II (PST-44D)	7.7
BANNER III (MB 61-93)	7.3
BRIDGEPORT	7.3
BRITTANY	7.3
CULUMBRA (MB 64-93)	7.3
ISI-FC-62	7.3
NJ F-93	7.3
TMI-3CE	7.3
VICTORY II (PICK 4-91W)	7.3
SHADOW (E)	7.0
SR 5100	7.0
VICTORY (E)	7.0
ECO (MB 63-93)	6.7
JAMESTOWN II	6.7
K-2 (MB 65-93)	6.7
MEDINA	6.7
MOLINDA	6.7
SANDPIPER (PRO 92/20)	6.7
TIFFANY	6.7
TREAZURE (ZPS-MG)	6.7
BANNER II	6.0
WX3-FF54	6.0
MB 66-93	5.7
JAMESTOWN	5.3
CASCADE	5.0
DARWIN	4.3
LSD VALUE	1.6
C.V. (%)	14.6

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

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

TABLE 8E. SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1997 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1
BAR UR 204	7.7
JASPER (E)	7.7
EST-4DT	7.7
FLYER II (ZPS-4BN)	7.3
EST-4ST	7.3
SHADEMASTER II	7.3
SILVERLAWN (WVPB-STCR-101)	7.3
FLORENTINE (PST-4VB ENDO.)	7.0
FLYER	7.0
WX3-FFG6	7.0
BAR FRR 4ZBD	6.7
CAS-FR13	6.7
COMMON CREEPING	6.3
RONDO	6.3
ARUBA	6.0
LSD VALUE	1.5
C.V. (%)	13.6

TABLE 8F. SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
 1997 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1
DISCOVERY	6.0
MB 82-93	4.7
PAMELA	3.5
RELIANT II	3.5
NORDIC	3.3
DEFIANT (MB 81-93)	3.0
OSPREY (PRO 92/24)	3.0
AURORA W/ENDO.	2.0
BRIGADE	2.0
ECOSTAR	2.0
SCALDIS	2.0
SPARTAN	2.0
SR 3100	2.0
VERNON (MB 83-93)	2.0
LSD VALUE	3.2
C.V. (%)	46.2

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 9A.

SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	MEAN	NAME	IL1	OK1	MEAN
SR 5100	5.7	6.0	5.8	MOLINDA	4.3	5.0	4.7
BRIDGEPORT	5.3	6.3	5.8	FLYER	4.3	4.7	4.5
BANNER III (MB 61-93)	5.3	5.7	5.5	MB 66-93	4.3	4.7	4.5
ECO (MB 63-93)	5.0	6.0	5.5	WX3-FFG6	3.7	5.3	4.5
ISI-FC-62	5.3	5.7	5.5	RELIANT II	6.3	2.5	4.4
JAMESTOWN II	5.3	5.7	5.5	BAR FRR 4ZBD	4.0	4.7	4.3
TIFFANY	6.0	5.0	5.5	JAMESTOWN	4.7	4.0	4.3
TMI-3CE	4.7	6.3	5.5	NORDIC	5.7	3.0	4.3
WX3-FF54	5.7	5.3	5.5	MB 82-93	4.3	4.0	4.2
MEDINA	5.7	5.0	5.3	PAMELA	5.3	3.0	4.2
NJ F-93	5.7	5.0	5.3	SHADEMASTER II	4.0	4.3	4.2
SANDPIPER (PRO 92/20)	5.0	5.7	5.3	ARUBA	3.3	4.7	4.0
VICTORY II (PICK 4-91W)	5.0	5.7	5.3	DEFIANT (MB 81-93)	4.3	3.7	4.0
BRITTANY	5.3	5.3	5.3	QUATRO (FO 143)	5.0	3.0	4.0
CULUMBRA (MB 64-93)	5.3	5.3	5.3	ECOSTAR	5.7	2.0	3.8
PST-4ST	4.7	5.7	5.2	DISCOVERY	5.0	2.5	3.8
FLORENTINE (PST-4VB ENDO.)	5.0	5.3	5.2	CASCADE	4.0	3.3	3.7
SHADOW II (PST-44D)	6.0	4.3	5.2	COMMON CREEPING	4.0	3.3	3.7
TREAZURE (ZPS-MG)	5.3	5.0	5.2	AURORA W/ENDO.	5.3	2.0	3.7
PST-4DT	4.7	5.3	5.0	CAS-FR13	3.7	3.7	3.7
SEABREEZE	5.0	5.0	5.0	SILVERLAWN (WVFB-STCR-101)	2.3	4.7	3.5
K-2 (MB 65-93)	4.7	5.0	4.8	VERNON (MB 83-93)	5.0	2.0	3.5
SHADOW (E)	5.0	4.7	4.8	BRIGADE	4.7	2.0	3.3
JASPER (E)	3.7	6.0	4.8	SCALDIS	4.7	2.0	3.3
VICTORY (E)	4.3	5.3	4.8	SPARTAN	4.7	2.0	3.3
BAR UR 204	3.7	5.7	4.7	SR 3100	4.7	2.0	3.3
DARWIN	6.0	3.3	4.7	OSPREY (PRO 92/24)	4.3	2.0	3.2
RONDO	4.7	4.7	4.7	67135	2.0	4.0	3.0
BANNER II	4.3	5.0	4.7				
DAWSON	4.3	5.0	4.7	LSD VALUE	1.2	2.2	1.1
FLYER II (ZPS-4BN)	5.0	4.3	4.7	C.V. (%)	15.4	26.9	21.0

TABLE 9B. SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	MEAN
SEABREEZE	5.0	5.0	5.0
DAWSON	4.3	5.0	4.7
LSD VALUE	1.3	1.1	0.9
C.V. (%)	17.5	14.1	15.8

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

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

TABLE 9C. SUMMER DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

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

NAME	IL1	OK1	MEAN
QUATRO (FO 143)	5.0	3.0	4.0
67135	2.0	4.0	3.0
LSD VALUE	1.1	6.8	1.9
C.V. (%)	20.2	80.8	40.4

TABLE 9D. SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	IL1	OK1	MEAN
SR 5100	5.7	6.0	5.8
BRIDGEPORT	5.3	6.3	5.8
BANNER III (MB 61-93)	5.3	5.7	5.5
ECO (MB 63-93)	5.0	6.0	5.5
ISI-FC-62	5.3	5.7	5.5
JAMESTOWN II	5.3	5.7	5.5
TIFFANY	6.0	5.0	5.5
TMI-3CE	4.7	6.3	5.5
WX3-FF54	5.7	5.3	5.5
MEDINA	5.7	5.0	5.3
NJ F-93	5.7	5.0	5.3
SANDPIPER (PRO 92/20)	5.0	5.7	5.3
VICTORY II (PICK 4-91W)	5.0	5.7	5.3
BRITTANY	5.3	5.3	5.3
CULUMBRA (MB 64-93)	5.3	5.3	5.3
SHADOW II (PST-44D)	6.0	4.3	5.2
TREAZURE (ZPS-MG)	5.3	5.0	5.2
K-2 (MB 65-93)	4.7	5.0	4.8
SHADOW (E)	5.0	4.7	4.8
VICTORY (E)	4.3	5.3	4.8
DARWIN	6.0	3.3	4.7
BANNER II	4.3	5.0	4.7
MOLINDA	4.3	5.0	4.7
MB 66-93	4.3	4.7	4.5
JAMESTOWN	4.7	4.0	4.3
CASCADE	4.0	3.3	3.7
LSD VALUE	1.3	1.9	1.1
C.V. (%)	15.3	23.0	19.5

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 9E. SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	IL1	OK1	MEAN
PST-4ST	4.7	5.7	5.2
FLORENTINE (PST-4VB ENDO.)	5.0	5.3	5.2
PST-4DT	4.7	5.3	5.0
JASPER (E)	3.7	6.0	4.8
BAR UR 204	3.7	5.7	4.7
RONDO	4.7	4.7	4.7
FLYER II (ZPS-4BN)	5.0	4.3	4.7
FLYER	4.3	4.7	4.5
WX3-FFG6	3.7	5.3	4.5
BAR FRR 4ZBD	4.0	4.7	4.3
SHADEMASTER II	4.0	4.3	4.2
ARUBA	3.3	4.7	4.0
COMMON CREEPING	4.0	3.3	3.7
CAS-FR13	3.7	3.7	3.7
SILVERLAWN (WVPB-STCR-101)	2.3	4.7	3.5
LSD VALUE	1.0	1.7	1.0
C.V. (%)	16.1	21.9	19.8

TABLE 9F. SUMMER DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	IL1	OK1	MEAN
RELIANT II	6.3	2.5	4.4
NORDIC	5.7	3.0	4.3
MB 82-93	4.3	4.0	4.2
PAMEIA	5.3	3.0	4.2
DEFIANT (MB 81-93)	4.3	3.7	4.0
ECOSTAR	5.7	2.0	3.8
DISCOVERY	5.0	2.5	3.8
AURORA W/ENDO.	5.3	2.0	3.7
VERNON (MB 83-93)	5.0	2.0	3.5
BRIGADE	4.7	2.0	3.3
SCALDIS	4.7	2.0	3.3
SPARTAN	4.7	2.0	3.3
SR 3100	4.7	2.0	3.3
OSPREY (PRO 92/24)	4.3	2.0	3.2
LSD VALUE	1.1	3.1	1.2
C.V. (%)	14.1	53.7	24.4

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 10A. FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1	NAME	OK1
JASPER (E)	8.7	SHADEMASTER II	6.3
BRIDGEPORT	8.0	BANNER II	6.0
BRITTANY	8.0	CAS-FR13	6.0
ISI-FC-62	8.0	MB 66-93	6.0
PST-4DT	8.0	TREAZURE (ZPS-MG)	6.0
VICTORY II (PICK 4-91W)	8.0	RONDO	5.7
ECO (MB 63-93)	7.7	DAWSON	5.3
PST-4ST	7.7	JAMESTOWN	5.3
TMI-3CE	7.7	COMMON CREEPING	5.0
BANNER III (MB 61-93)	7.3	MB 82-93	5.0
FLORENTINE (PST-4VB ENDO.)	7.3	CASCADE	4.7
FLYER	7.3	SEABREEZE	4.3
FLYER II (ZPS-4BN)	7.3	DARWIN	4.0
SR 5100	7.3	DEFIANT (MB 81-93)	3.3
BAR UR 204	7.0	AURORA W/ENDO.	3.0
CULUMBRA (MB 64-93)	7.0	OSPREY (PRO 92/24)	3.0
JAMESTOWN II	7.0	PAMELA	3.0
K-2 (MB 65-93)	7.0	QUATRO (FO 143)	3.0
MOLINDA	7.0	RELIANT II	3.0
NJ F-93	7.0	NORDIC	2.7
SANDPIPER (PRO 92/20)	7.0	DISCOVERY	2.5
SHADOW (E)	7.0	67135	2.0
SHADOW II (PST-44D)	7.0	BRIGADE	2.0
VICTORY (E)	7.0	ECOSTAR	2.0
WX3-FFG6	7.0	SCALDIS	2.0
BAR FRR 4ZBD	6.7	SPARTAN	2.0
SILVERLAWN (WVPB-STCR-101)	6.7	SR 3100	2.0
TIFFANY	6.7	VERNON (MB 83-93)	2.0
WX3-FF54	6.7		
ARUBA	6.3	LSD VALUE	2.3
MEDINA	6.3	C.V. (%)	22.5

TABLE 10B. FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	OK1
DAWSON	5.3
SEABREEZE	4.3
LSD VALUE	1.5
C.V. (%)	18.9

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

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

TABLE 10C. FALL DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

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

NAME	OK1
QUATRO (FO 143)	3
67135	2
LSD VALUE	0
C.V. (%)	0

TABLE 10D. FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	OK1
BRIDGEPORT	8.0
BRITTANY	8.0
ISI-FC-62	8.0
VICTORY II (PICK 4-91W)	8.0
ECO (MB 63-93)	7.7
TMI-3CE	7.7
BANNER III (MB 61-93)	7.3
SR 5100	7.3
CULUMBRA (MB 64-93)	7.0
JAMESTOWN II	7.0
K-2 (MB 65-93)	7.0
MOLINDA	7.0
NJ F-93	7.0
SANDPIPER (PRO 92/20)	7.0
SHADOW (E)	7.0
SHADOW II (PST-44D)	7.0
VICTORY (E)	7.0
TIFFANY	6.7
WX3-FF54	6.7
MEDINA	6.3
BANNER II	6.0
MB 66-93	6.0
TREAZURE (ZPS-MG)	6.0
JAMESTOWN	5.3
CASCADE	4.7
DARWIN	4.0
LSD VALUE	2.1
C.V. (%)	18.9

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

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

TABLE 10E. FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	OK1
JASPER (E)	8.7
PST-4DT	8.0
PST-4ST	7.7
FLORENTINE (PST-4VB ENDO.)	7.3
FLYER	7.3
FLYER II (ZPS-4BN)	7.3
BAR UR 204	7.0
WX3-FFG6	7.0
BAR FRR 4ZBD	6.7
SILVERLAWN (WVPB-STCR-101)	6.7
ARUBA	6.3
SHADEMASTER II	6.3
CAS-FR13	6.0
RONDO	5.7
COMMON CREEPING	5.0
LSD VALUE	1.8
C.V. (%)	16.5

TABLE 10F. FALL DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

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

NAME	OK1
MB 82-93	5.0
DEFIANT (MB 81-93)	3.3
AURORA W/ENDO.	3.0
OSPREY (PRO 92/24)	3.0
PAMELA	3.0
RELIANT II	3.0
NORDIC	2.7
DISCOVERY	2.5
BRIGADE	2.0
ECOSTAR	2.0
SCALDIS	2.0
SPARTAN	2.0
SR 3100	2.0
VERNON (MB 83-93)	2.0
LSD VALUE	3.9
C.V. (%)	62.3

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 11A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN	NAME	IL2	OK1	MEAN
NJ F-93	94.7	97.0	95.8	ARUBA	72.7	84.0	78.3
SHADEMASTER II	93.0	98.0	95.5	COMMON CREEPING	70.0	83.7	76.8
E5T-4DT	92.3	97.0	94.7	WX3-FF54	71.3	79.3	75.3
SHADOW II (PST-44D)	94.3	93.7	94.0	CASCADE	81.0	68.3	74.7
CULUMBRA (MB 64-93)	90.7	95.7	93.2	SEABREEZE	60.0	89.3	74.7
JAMESTOWN II	91.7	93.7	92.7	MEDINA	50.0	93.3	71.7
ECO (MB 63-93)	90.0	95.3	92.7	DAWSON	50.0	93.0	71.5
E5T-4ST	90.0	94.0	92.0	DARWIN	79.3	55.0	67.2
BANNER III (MB 61-93)	83.3	97.7	90.5	67135	83.0	50.7	66.8
FLYER II (ZPS-4BN)	82.0	97.3	89.7	SHADOW (E)	33.3	96.0	64.7
ISI-FC-62	82.0	97.0	89.5	RONDO	40.0	89.0	64.5
SR 5100	82.0	96.3	89.2	SILVERLAWN (WVPB-STCR-101)	30.0	96.0	63.0
VICTORY (E)	84.3	94.0	89.2	WX3-FFG6	23.3	93.0	58.2
SANDPIPER (PRO 92/20)	83.7	93.7	88.7	RELIANT II	85.0	25.0	55.0
TMI-3CE	81.0	96.3	88.7	DEFIANT (MB 81-93)	71.0	37.7	54.3
BAR UR 204	78.3	98.0	88.2	OSPREY (PRO 92/24)	75.7	6.7	41.2
K-2 (MB 65-93)	80.7	94.7	87.7	MB 82-93	30.0	50.7	40.3
TIFFANY	79.7	95.3	87.5	NORDIC	50.0	30.0	40.0
BRITTANY	78.3	95.3	86.8	DISCOVERY	30.0	48.3	39.2
CAS-FR13	74.7	96.7	85.7	SCALDIS	66.7	1.7	34.2
BANNER II	92.0	79.3	85.7	QUATRO (FO 143)	55.3	11.7	33.5
JAMESTOWN	84.0	86.7	85.3	SPARTAN	60.0	6.7	33.3
JASPER (E)	72.3	98.3	85.3	PAMELA	40.0	21.7	30.8
BRIDGEPORT	71.7	98.0	84.8	AURORA W/ENDO.	40.0	10.0	25.0
FLYER	72.7	95.3	84.0	ECOSTAR	30.0	3.3	16.7
BAR FRR 4ZBD	72.0	95.3	83.7	VERNON (MB 83-93)	25.3	3.3	14.3
MB 66-93	79.3	87.7	83.5	SR 3100	26.0	0.7	13.3
VICTORY II (PICK 4-91W)	71.3	93.7	82.5	BRIGADE	23.3	3.3	13.3
TREASURE (ZPS-MG)	83.0	77.0	80.0				
FLORENTINE (PST-4VB ENDO.)	62.0	96.3	79.2	LSD VALUE	23.9	25.8	17.6
MOLINDA	61.7	95.3	78.5	C.V. (%)	22.0	22.2	22.1

TABLE 11B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN
SEABREEZE	60.0	89.3	74.7
DAWSON	50.0	93.0	71.5
LSD VALUE	41.0	5.5	20.7
C.V. (%)	46.4	3.7	24.9

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 11C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN
67135	83.0	50.7	66.8
QUAIRO (FO 143)	55.3	11.7	33.5
LSD VALUE	16.8	59.9	31.1
C.V. (%)	15.1	119.5	54.5

TABLE 11D. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN
NJ F-93	94.7	97.0	95.8
SHADOW II (PST-44D)	94.3	93.7	94.0
CULUMBRA (MB 64-93)	90.7	95.7	93.2
JAMESTOWN II	91.7	93.7	92.7
ECO (MB 63-93)	90.0	95.3	92.7
BANNER III (MB 61-93)	83.3	97.7	90.5
ISI-FC-62	82.0	97.0	89.5
SR 5100	82.0	96.3	89.2
VICTORY (E)	84.3	94.0	89.2
SANDPIPER (PRO 92/20)	83.7	93.7	88.7
TMI-3CE	81.0	96.3	88.7
K-2 (MB 65-93)	80.7	94.7	87.7
TIFFANY	79.7	95.3	87.5
BRITTANY	78.3	95.3	86.8
BANNER II	92.0	79.3	85.7
JAMESTOWN	84.0	86.7	85.3
BRIDGEFORT	71.7	98.0	84.8
MB 66-93	79.3	87.7	83.5
VICTORY II (PICK 4-91W)	71.3	93.7	82.5
TREAZURE (ZPS-MG)	83.0	77.0	80.0
MOLINDA	61.7	95.3	78.5
WX3-FF54	71.3	79.3	75.3
CASCADE	81.0	68.3	74.7
MEDINA	50.0	93.3	71.7
DARWIN	79.3	55.0	67.2
SHADOW (E)	33.3	96.0	64.7
LSD VALUE	21.5	21.4	15.1
C.V. (%)	16.9	14.7	15.7

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 11E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN
SHADEMASTER II	93.0	98.0	95.5
PST-4DT	92.3	97.0	94.7
PST-4ST	90.0	94.0	92.0
FLYER II (ZPS-4BN)	82.0	97.3	89.7
BAR UR 204	78.3	98.0	88.2
CAS-FR13	74.7	96.7	85.7
JASPER (E)	72.3	98.3	85.3
FLYER	72.7	95.3	84.0
BAR FRR 4ZBD	72.0	95.3	83.7
FLORENTINE (PST-4VB ENDO.)	62.0	96.3	79.2
ARUBA	72.7	84.0	78.3
COMMON CREEPING	70.0	83.7	76.8
RONDO	40.0	89.0	64.5
SILVERLAWN (WVPB-STCR-101)	30.0	96.0	63.0
WX3-FFG6	23.3	93.0	58.2
LSD VALUE	22.9	14.1	13.4
C.V. (%)	20.8	9.3	14.5

TABLE 11F. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	OK1	MEAN
RELIANT II	85.0	25.0	55.0
DEFIANT (MB 81-93)	71.0	37.7	54.3
OSPREY (PRO 92/24)	75.7	6.7	41.2
MB 82-93	30.0	50.7	40.3
NORDIC	50.0	30.0	40.0
DISCOVERY	30.0	48.3	39.2
SCALDIS	66.7	1.7	34.2
SPARTAN	60.0	6.7	33.3
PAMELA	40.0	21.7	30.8
AURORA W/ENDO.	40.0	10.0	25.0
ECOSTAR	30.0	3.3	16.7
VERNON (MB 83-93)	25.3	3.3	14.3
SR 3100	26.0	0.7	13.3
BRIGADE	23.3	3.3	13.3
LSD VALUE	26.5	34.9	21.9
C.V. (%)	35.3	122.0	59.8

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 12A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1	NAME	OK1
BAR UR 204	91.7	MOLINDA	66.7
TMI-3CE	90.7	BANNER II	65.0
BRIDGEPORT	90.0	BAR FRR 4ZBD	65.0
VICTORY II (PICK 4-91W)	88.3	SHADEMASTER II	63.3
BANNER III (MB 61-93)	85.0	RONDO	61.7
FLORENTINE (PST-4VB ENDO.)	85.0	WX3-FF54	60.0
SANDPIPER (PRO 92/20)	85.0	CAS-FR13	56.7
SR 5100	85.0	SHADOW II (PST-44D)	55.0
JASPER (E)	83.3	JAMESTOWN	53.3
PST-4DT	83.3	67135	51.7
VICTORY (E)	83.3	MB 82-93	38.3
PST-4ST	82.3	COMMON CREEPING	36.7
BRITTANY	81.7	CASCADE	35.0
ISI-FC-62	81.7	DARWIN	35.0
WX3-FFG6	81.7	DEFIANT (MB 81-93)	35.0
ECO (MB 63-93)	80.0	NORDIC	26.7
JAMESTOWN II	80.0	PAMELA	21.7
SHADOW (E)	80.0	RELIANT II	16.7
CULUMERA (MB 64-93)	78.3	AURORA W/ENDO.	10.0
FLYER	78.3	DISCOVERY	8.3
NJ F-93	78.3	VERNON (MB 83-93)	8.3
TIFFANY	78.3	OSPREY (PRO 92/24)	5.0
MB 66-93	73.3	QUATRO (FO 143)	3.3
MEDINA	73.3	ECOSTAR	1.7
DAWSON	70.0	SCALDIS	1.7
FLYER II (ZPS-4BN)	68.3	SPARTAN	1.7
K-2 (MB 65-93)	68.3	SR 3100	1.7
SEABREEZE	68.3	BRIGADE	0.7
SILVERLAWN (WVPB-STCR-101)	68.3		
TREAZURE (ZPS-MG)	68.3	LSD VALUE	30.9
ARUBA	66.7	C.V. (%)	33.9

TABLE 12B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1
DAWSON	70.0
SEABREEZE	68.3
LSD VALUE	23.0
C.V. (%)	20.7

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 12C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1
67135	51.7
QUATRO (FO 143)	3.3
C.V. (%)	117.6
LSD VALUE	52.0

TABLE 12D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1
TMI-3CE	90.7
BRIDGEPORT	90.0
VICTORY II (PICK 4-91W)	88.3
BANNER III (MB 61-93)	85.0
SANDPIPER (PRO 92/20)	85.0
SR 5100	85.0
VICTORY (E)	83.3
BRITTANY	81.7
ISI-FC-62	81.7
ECO (MB 63-93)	80.0
JAMESTOWN II	80.0
SHADOW (E)	80.0
CULUMBRA (MB 64-93)	78.3
NJ F-93	78.3
TIFFANY	78.3
MB 66-93	73.3
MEDINA	73.3
K-2 (MB 65-93)	68.3
TREAZURE (ZPS-MG)	68.3
MOLINDA	66.7
BANNER II	65.0
WX3-FF54	60.0
SHADOW II (PST-44D)	55.0
JAMESTOWN	53.3
CASCADE	35.0
DARWIN	35.0
LSD VALUE	31.0
C.V. (%)	26.4

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

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

TABLE 12E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1
BAR UR 204	91.7
FLORENTINE (PST-4VB ENDO.)	85.0
JASPER (E)	83.3
PST-4DT	83.3
PST-4ST	82.3
WX3-FFG6	81.7
FLYER	78.3
FLYER II (ZPS-4BN)	68.3
SILVERLAWN (WVPB-STCR-101)	68.3
ARUBA	66.7
BAR FRR 4ZBD	65.0
SHADEMASTER II	63.3
RONDO	61.7
CAS-FR13	56.7
COMMON CREEPING	36.7
LSD VALUE	32.1
C.V. (%)	27.9

TABLE 12F. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	OK1
MB 82-93	38.3
DEFIANT (MB 81-93)	35.0
NORDIC	26.7
PAMELA	21.7
RELIANT II	16.7
AURORA W/ENDO.	10.0
DISCOVERY	8.3
VERNON (MB 83-93)	8.3
OSPREY (PRO 92/24)	5.0
ECOSTAR	1.7
SCALDIS	1.7
SPARTAN	1.7
SR 3100	1.7
BRIGADE	0.7
LSD VALUE	25.7
C.V. (%)	126.3

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

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

TABLE 13A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1	NAME	OK1
BANNER III (MB 61-93)	99.0	BANNER II	83.0
BAR UR 204	99.0	SHADOW II (PST-44D)	83.0
ECO (MB 63-93)	99.0	WX3-FF54	81.3
JASPER (E)	99.0	BAR FRR 4ZBD	80.0
BRIDGEPORT	97.7	JAMESTOWN	80.0
CULUMBRA (MB 64-93)	97.7	DAWSON	76.7
FLORENTINE (PST-4VB ENDO.)	97.7	ARUBA	74.3
SR 5100	97.7	TREAZURE (ZPS-MG)	71.0
TMI-3CE	97.7	COMMON CREEPING	66.7
VICTORY II (PICK 4-91W)	97.7	SEABREEZE	58.3
SHADOW (E)	96.3	CASCADE	56.7
ISI-FC-62	96.0	DARWIN	50.0
K-2 (MB 65-93)	96.0	MB 82-93	49.7
PST-4DT	96.0	DEFIANT (MB 81-93)	35.0
VICTORY (E)	96.0	NORDIC	33.3
BRITTANY	94.7	RELIANT II	26.7
FLYER	94.7	PAMELA	23.3
JAMESTOWN II	94.7	DISCOVERY	11.7
NJ F-93	94.7	AURORA W/ENDO.	10.0
WX3-FFG6	94.7	67135	5.0
FLYER II (ZPS-4BN)	94.3	OSPREY (PRO 92/24)	5.0
PST-4ST	94.3	QUATRO (FO 143)	5.0
SANDPIPER (PRO 92/20)	94.3	SPARTAN	3.3
MOLINDA	93.3	VERNON (MB 83-93)	3.3
SILVERLAWN (WVPB-STCR-101)	93.0	BRIGADE	1.7
TIFFANY	91.7	ECOSTAR	1.7
MEDINA	90.0	SCALDIS	1.7
SHADEMASTER II	90.0	SR 3100	1.7
CAS-FR13	88.3		
RONDO	88.3	LSD VALUE	26.6
MB 66-93	85.0	C.V. (%)	24.3

TABLE 13B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1
DAWSON	76.7
SEABREEZE	58.3
LSD VALUE	21.8
C.V. (%)	20.1

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

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

TABLE 13C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1
67135	5.0
QUATRO (FO 143)	5.0
LSD VALUE	11.4
C.V. (%)	141.4

TABLE 13D. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1
BANNER III (MB 61-93)	99.0
ECO (MB 63-93)	99.0
BRIDGEPORT	97.7
CULUMBRA (MB 64-93)	97.7
SR 5100	97.7
TMI-3CE	97.7
VICTORY II (PICK 4-91W)	97.7
SHADOW (E)	96.3
ISI-FC-62	96.0
K-2 (MB 65-93)	96.0
VICTORY (E)	96.0
BRITTANY	94.7
JAMESTOWN II	94.7
NJ F-93	94.7
SANDPIPER (PRO 92/20)	94.3
MOLINDA	93.3
TIFFANY	91.7
MEDINA	90.0
MB 66-93	85.0
BANNER II	83.0
SHADOW II (PST-44D)	83.0
WX3-FF54	81.3
JAMESTOWN	80.0
TREAZURE (ZPS-MG)	71.0
CASCADE	56.7
DARWIN	50.0
LSD VALUE	24.3
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.

TABLE 13E. PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1
BAR UR 204	99.0
JASPER (E)	99.0
FLORENTINE (PST-4VB ENDO.)	97.7
PST-4DT	96.0
FLYER	94.7
WX3-FFG6	94.7
FLYER II (ZPS-4BN)	94.3
PST-4ST	94.3
SILVERLAWN (WVPB-STCR-101)	93.0
SHADEMASTER II	90.0
CAS-FR13	88.3
RONDO	88.3
BAR FRR 4ZBD	80.0
ARUBA	74.3
COMMON CREEPING	66.7
LSD VALUE	27.2
C.V. (%)	18.8

TABLE 13F. PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1
MB 82-93	49.7
DEFIANT (MB 81-93)	35.0
NORDIC	33.3
RELIANT II	26.7
PAMELA	23.3
DISCOVERY	11.7
AURORA W/ENDO.	10.0
OSPREY (PRO 92/24)	5.0
SPARTAN	3.3
VERNON (MB 83-93)	3.3
BRIGADE	1.7
ECOSTAR	1.7
SCALDIS	1.7
SR 3100	1.7
LSD VALUE	31.8
C.V. (%)	132.9

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 14A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	UB1	NAME	UB1
SR 3100	8.7	SHADOW II (PST-44D)	4.7
DISCOVERY	8.3	BRITTANY	4.3
OSPREY (PRO 92/24)	8.3	COMMON CREEPING	4.3
DEFIANT (MB 81-93)	8.0	CULUMBRA (MB 64-93)	4.3
ECOSTAR	7.7	DARWIN	4.3
QUATRO (FO 143)	7.7	NJ F-93	4.3
RELIANT II	7.7	SHADOW (E)	4.3
VERNON (MB 83-93)	7.7	WX3-FF54	4.3
AURORA W/ENDO.	7.3	BANNER III (MB 61-93)	4.0
BRIGADE	7.3	BRIDGEPORT	4.0
SPARTAN	7.3	FLORENTINE (PST-4VB ENDO.)	4.0
SCALDIS	7.0	SILVERLAWN (WVPB-STCR-101)	4.0
NORDIC	6.7	SR 5100	4.0
RONDO	6.7	WX3-FFG6	4.0
MB 82-93	6.3	BANNER II	3.7
PAMELA	6.3	ECO (MB 63-93)	3.7
PST-4ST	6.3	JAMESTOWN	3.7
67135	6.0	K-2 (MB 65-93)	3.7
DAWSON	6.0	MOLINDA	3.7
PST-4DT	6.0	TMI-3CE	3.7
FLYER	5.7	VICTORY (E)	3.7
JASPER (E)	5.7	ISI-FC-62	3.3
SEABREEZE	5.7	MB 66-93	3.3
JAMESTOWN II	5.0	MEDINA	3.3
SHADEMASTER II	5.0	SANDPIPER (PRO 92/20)	3.3
VICTORY II (PICK 4-91W)	5.0	CASCADE	3.0
ARUBA	4.7	TIFFANY	3.0
BAR FRR 4ZBD	4.7	TREAZURE (ZPS-MG)	3.0
BAR UR 204	4.7		
CAS-FR13	4.7	LSD VALUE	1.4
FLYER II (ZPS-4BN)	4.7	C.V. (%)	17.0

TABLE 14B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	UB1
DAWSON	6.0
SEABREEZE	5.7
LSD VALUE	2.1
C.V. (%)	22.1

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 14C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

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

NAME	UB1
QUATRO (FO 143)	7.7
67135	6.0
LSD VALUE	0.7
C.V. (%)	6.0

TABLE 14D. DROUGHT TOLERANCE (DORMANCY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	UB1
JAMESTOWN II	5.0
VICTORY II (PICK 4-91W)	5.0
SHADOW II (PST-44D)	4.7
BRITTANY	4.3
CULUMBRA (MB 64-93)	4.3
DARWIN	4.3
NJ F-93	4.3
SHADOW (E)	4.3
WX3-FF54	4.3
BANNER III (MB 61-93)	4.0
BRIDGEPORT	4.0
SR 5100	4.0
BANNER II	3.7
ECO (MB 63-93)	3.7
JAMESTOWN	3.7
K-2 (MB 65-93)	3.7
MOLINDA	3.7
TMI-3CE	3.7
VICTORY (E)	3.7
ISI-FC-62	3.3
MB 66-93	3.3
MEDINA	3.3
SANDPIPER (PRO 92/20)	3.3
CASCADE	3.0
TIFFANY	3.0
TREAZURE (ZPS-MG)	3.0
LSD VALUE	1.5
C.V. (%)	24.8

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 14E. DROUGHT TOLERANCE (DORMANCY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	UB1
FONDO	6.7
PST-4ST	6.3
PST-4DT	6.0
FLYER	5.7
JASPER (E)	5.7
SHADEMASTER II	5.0
ARUBA	4.7
BAR FRR 4ZBD	4.7
BAR UR 204	4.7
CAS-FR13	4.7
FLYER II (ZPS-4BN)	4.7
COMMON CREEPING	4.3
FLORENTINE (PST-4VB ENDO.)	4.0
SILVERLAWN (WVPB-STCR-101)	4.0
WX3-FFG6	4.0
LSD VALUE	1.3
C.V. (%)	16.6

TABLE 14F. DROUGHT TOLERANCE (DORMANCY) RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

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

NAME	UB1
SR 3100	8.7
DISCOVERY	8.3
OSPREY (PRO 92/24)	8.3
DEFIANT (MB 81-93)	8.0
ECOSTAR	7.7
RELIANT II	7.7
VERNON (MB 83-93)	7.7
AURORA W/ENDO.	7.3
BRIGADE	7.3
SPARTAN	7.3
SCALDIS	7.0
NORDIC	6.7
MB 82-93	6.3
PAMELA	6.3
LSD VALUE	1.2
C.V. (%)	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 15A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	ME1	NAME	ME1
ARUBA	8.7	JAMESTOWN II	7.3
FLORENTINE (PST-4VB ENDO.)	8.7	NORDIC	7.3
K-2 (MB 65-93)	8.7	SCALDIS	7.3
PST-4ST	8.7	SHADOW II (PST-44D)	7.3
SHADEMASTER II	8.7	SR 5100	7.3
AURORA W/ENDO.	8.3	TMI-3CE	7.3
BAR FRR 4ZBD	8.3	VERNON (MB 83-93)	7.3
CULUMBRA (MB 64-93)	8.3	BANNER II	7.0
JASPER (E)	8.3	BANNER III (MB 61-93)	7.0
SILVERLAWN (WVPB-STCR-101)	8.3	DARWIN	7.0
TREAZURE (ZPS-MG)	8.3	FLYER	7.0
DEFIANT (MB 81-93)	8.0	MEDINA	7.0
FLYER II (ZPS-4BN)	8.0	PST-4DT	7.0
BRITTANY	7.7	RONDO	7.0
ECOSTAR	7.7	SPARTAN	7.0
JAMESTOWN	7.7	BAR UR 204	6.7
MB 66-93	7.7	BRIDGEPORT	6.7
MB 82-93	7.7	OSPREY (PRO 92/24)	6.7
MOLINDA	7.7	WX3-FF54	6.7
NJ F-93	7.7	BRIGADE	6.3
SANDPIPER (PRO 92/20)	7.7	ISI-FC-62	6.3
SR 3100	7.7	RELIANT II	6.3
TIFFANY	7.7	SHADOW (E)	6.3
VICTORY (E)	7.7	WX3-FFG6	6.3
VICTORY II (PICK 4-91W)	7.7	PAMELA	6.0
CAS-FR13	7.3	SEABREEZE	6.0
CASCADE	7.3	QUATRO (FO 143)	5.7
COMMON CREEPING	7.3	67135	4.3
DAWSON	7.3		
DISCOVERY	7.3	LSD VALUE	1.7
ECO (MB 63-93)	7.3	C.V. (%)	14.0

TABLE 15B. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
DAWSON	7.3
SEABREEZE	6.0
LSD VALUE	1.3
C.V. (%)	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 15C. DOLLAR SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
QUATRO (FO 143)	5.7
67135	4.3
LSD VALUE	2.2
C.V. (%)	27.1

TABLE 15D. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
K-2 (MB 65-93)	8.7
CULUMBRA (MB 64-93)	8.3
TREAZURE (ZPS-MG)	8.3
BRITTANY	7.7
JAMESTOWN	7.7
MB 66-93	7.7
MOLINDA	7.7
NJ F-93	7.7
SANDPIPER (PRO 92/20)	7.7
TIFFANY	7.7
VICTORY (E)	7.7
VICTORY II (PICK 4-91W)	7.7
CASCADE	7.3
ECO (MB 63-93)	7.3
JAMESTOWN II	7.3
SHADOW II (PST-44D)	7.3
SR 5100	7.3
TMI-3CE	7.3
BANNER II	7.0
BANNER III (MB 61-93)	7.0
DARWIN	7.0
MEDINA	7.0
BRIDGEPORT	6.7
WX3-FF54	6.7
ISI-FC-62	6.3
SHADOW (E)	6.3
LSD VALUE	1.6
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.

TABLE 15E. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
ARUBA	8.7
FLORENTINE (PST-4VB ENDO.)	8.7
EST-4ST	8.7
SHADEMASTER II	8.7
BAR FRR 4ZBD	8.3
JASPER (E)	8.3
SILVERLAWN (WVPB-STCR-101)	8.3
FLYER II (ZPS-4BN)	8.0
CAS-FR13	7.3
COMMON CREEPING	7.3
FLYER	7.0
EST-4DT	7.0
RONDO	7.0
BAR UR 204	6.7
WX3-FFG6	6.3
LSD VALUE	1.6
C.V. (%)	12.7

TABLE 15F. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
AURORA W/ENDO.	8.3
DEFIANT (MB 81-93)	8.0
ECOSTAR	7.7
MB 82-93	7.7
SR 3100	7.7
DISCOVERY	7.3
NORDIC	7.3
SCALDIS	7.3
VERNON (MB 83-93)	7.3
SPARTAN	7.0
OSPREY (PRO 92/24)	6.7
BRIGADE	6.3
RELIANT II	6.3
PAMELA	6.0
LSD VALUE	1.7
C.V. (%)	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 16A. BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	ME1	NAME	ME1
SR 5100	9.0	VICTORY (E)	6.7
FLORENTINE (PST-4VB ENDO.)	8.7	WX3-FFG6	6.7
JAMESTOWN II	8.3	AURORA W/ENDO.	6.3
PST-4ST	8.3	DARWIN	6.3
BANNER II	8.0	SCALDIS	6.3
BRITTANY	8.0	SR 3100	6.3
DEFIANT (MB 81-93)	8.0	WX3-FF54	6.3
NJ F-93	8.0	BAR FRR 4ZBD	6.0
OSPREY (PRO 92/24)	8.0	BRIGADE	6.0
SHADOW (E)	8.0	ISI-FC-62	6.0
TIFFANY	8.0	JASPER (E)	6.0
ECO (MB 63-93)	7.7	NORDIC	6.0
MB 82-93	7.7	ARUBA	5.7
SHADOW II (PST-44D)	7.7	DAWSON	5.7
VICTORY II (PICK 4-91W)	7.7	MEDINA	5.7
BANNER III (MB 61-93)	7.3	PAMELA	5.7
CULUMBRA (MB 64-93)	7.3	PST-4DT	5.7
MOLINDA	7.3	67135	5.3
SANDPIPER (PRO 92/20)	7.3	BAR UR 204	5.3
SILVERLAWN (WVPB-STCR-101)	7.3	DISCOVERY	5.3
TMI-3CE	7.3	ECOSTAR	5.3
TREAZURE (ZPS-MG)	7.3	CAS-FR13	5.0
BRIDGEPORT	7.0	RELIANT II	5.0
K-2 (MB 65-93)	7.0	RONDO	5.0
SHADEMASTER II	7.0	SEABREEZE	5.0
VERNON (MB 83-93)	7.0	SPARTAN	5.0
CASCADE	6.7	MB 66-93	4.3
FLYER	6.7	COMMON CREEPING	3.7
FLYER II (ZPS-4BN)	6.7		
JAMESTOWN	6.7	LSD VALUE	2.3
QUATRO (FO 143)	6.7	C.V. (%)	21.7

TABLE 16B. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
DAWSON	5.7
SEABREEZE	5.0
LSD VALUE	1.7
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.

TABLE 16C. BROWN PATCH RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
QUATRO (FO 143)	6.7
67135	5.3
LSD VALUE	2.7
C.V. (%)	28.1

TABLE 16D. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
SR 5100	9.0
JAMESTOWN II	8.3
BANNER II	8.0
BRITTANY	8.0
NJ F-93	8.0
SHADOW (E)	8.0
TIFFANY	8.0
ECO (MB 63-93)	7.7
SHADOW II (PST-44D)	7.7
VICTORY II (PICK 4-91W)	7.7
BANNER III (MB 61-93)	7.3
CULUMBRA (MB 64-93)	7.3
MOLINDA	7.3
SANDPIPER (PRO 92/20)	7.3
TMI-3CE	7.3
TREAZURE (ZPS-MG)	7.3
BRIDGEPORT	7.0
K-2 (MB 65-93)	7.0
CASCADE	6.7
JAMESTOWN	6.7
VICTORY (E)	6.7
DARWIN	6.3
WX3-FF54	6.3
ISI-FC-62	6.0
MEDINA	5.7
MB 66-93	4.3
LSD VALUE	2.3
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.

TABLE 16E. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
FLORENTINE (PST-4VB ENDO.)	8.7
PST-4ST	8.3
SILVERLAWN (WVPB-STCR-101)	7.3
SHADEMASTER II	7.0
FLYER	6.7
FLYER II (ZPS-4BN)	6.7
WX3-FFG6	6.7
BAR FRR 4ZBD	6.0
JASPER (E)	6.0
ARUBA	5.7
PST-4DT	5.7
BAR UR 204	5.3
CAS-FR13	5.0
RONDO	5.0
COMMON CREEPING	3.7
LSD VALUE	2.3
C.V. (%)	23.1

TABLE 16F. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

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

NAME	ME1
DEFIANT (MB 81-93)	8.0
OSPREY (PRO 92/24)	8.0
MB 82-93	7.7
VERNON (MB 83-93)	7.0
AURORA W/ENDO.	6.3
SCALDIS	6.3
SR 3100	6.3
BRIGADE	6.0
NORDIC	6.0
PAMELA	5.7
DISCOVERY	5.3
ECOSTAR	5.3
RELIANT II	5.0
SPARTAN	5.0
LSD VALUE	2.4
C.V. (%)	23.4

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 17A. PERCENT RED THREAD (MAY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1	NAME	KY1
BAR FRR 4ZBD	36.7	VICTORY (E)	6.0
BAR UR 204	35.7	JAMESTOWN II	4.3
ARUEA	34.3	SHADOW (E)	4.0
SHADEMASTER II	31.3	WX3-FF54	4.0
FLYER II (ZPS-4BN)	26.7	CASCADE	3.7
SILVERLAWN (WVPB-STCR-101)	23.3	CULUMBRA (MB 64-93)	3.7
PST-4DT	22.7	DISCOVERY	3.7
NORDIC	19.0	WX3-FFG6	3.7
FLYER	17.7	TIFFANY	3.0
PAMELA	17.3	SANDPIPER (PRO 92/20)	2.7
FLORENTINE (PST-4VB ENDO.)	17.0	JAMESTOWN	2.3
JASPER (E)	15.3	MB 66-93	2.3
ECOSTAR	15.0	67135	2.0
PST-4ST	14.7	BANNER III (MB 61-93)	2.0
VERNON (MB 83-93)	14.7	VICTORY II (PICK 4-91W)	2.0
MOLINDA	13.7	BANNER II	1.7
SCALDIS	13.3	ECO (MB 63-93)	1.3
CAS-FR13	12.0	BRIDGEPORT	0.7
BRIGADE	11.0	BRITTANY	0.7
SR 3100	11.0	ISI-FC-62	0.7
AURORA W/ENDO.	10.7	K-2 (MB 65-93)	0.3
RELIANT II	10.7	DARWIN	0.0
SPARTAN	9.0	DAWSON	0.0
COMMON CREEPING	8.0	NJ F-93	0.0
TREAZURE (ZPS-MG)	7.7	RONDO	0.0
MEDINA	7.3	SEABREEZE	0.0
QUATRO (FO 143)	7.3	SHADOW II (PST-44D)	0.0
OSPREY (PRO 92/24)	7.0	SR 5100	0.0
DEFIANT (MB 81-93)	6.7		
MB 82-93	6.7	LSD VALUE	10.4
TMI-3CE	6.0	C.V. (%)	70.2

TABLE 17B. PERCENT RED THREAD (MAY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1
DAWSON	0
SEABREEZE	0
LSD VALUE	0
C.V. (%)	.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER 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. PERCENT RED THREAD (MAY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1
QUATRO (FO 143)	7.3
67135	2.0
LSD VALUE	8.3
C.V. (%)	110.7

TABLE 17D. PERCENT RED THREAD (MAY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1
MOLINDA	13.7
TREAZURE (ZPS-MG)	7.7
MEDINA	7.3
TMI-3CE	6.0
VICTORY (E)	6.0
JAMESTOWN II	4.3
SHADOW (E)	4.0
WX3-FF54	4.0
CASCADE	3.7
CULUMBRA (MB 64-93)	3.7
TIFFANY	3.0
SANDPIPER (PRO 92/20)	2.7
JAMESTOWN	2.3
MB 66-93	2.3
BANNER III (MB 61-93)	2.0
VICTORY II (PICK 4-91W)	2.0
BANNER II	1.7
ECO (MB 63-93)	1.3
BRIDGEPORT	0.7
BRITTANY	0.7
ISI-FC-62	0.7
K-2 (MB 65-93)	0.3
DARWIN	0.0
NJ F-93	0.0
SHADOW II (PST-44D)	0.0
SR 5100	0.0
LSD VALUE	7.8
C.V. (%)	157.5

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 17E. PERCENT RED THREAD (MAY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1
BAR FRR 4ZBD	36.7
BAR UR 204	35.7
ARUBA	34.3
SHADEMASTER II	31.3
FLYER II (ZPS-4BN)	26.7
SILVERLAWN (WVPB-STCR-101)	23.3
PST-4DT	22.7
FLYER	17.7
FLORENTINE (PST-4VB ENDO.)	17.0
JASPER (E)	15.3
PST-4ST	14.7
CAS-FR13	12.0
COMMON CREEPING	8.0
WX3-FFG6	3.7
RONDO	0.0
LSD VALUE	14.2
C.V. (%)	44.4

TABLE 17F. PERCENT RED THREAD (MAY) RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	KY1
NORDIC	19.0
PAMELA	17.3
ECOSTAR	15.0
VERNON (MB 83-93)	14.7
SCALDIS	13.3
BRIGADE	11.0
SR 3100	11.0
AURORA W/ENDO.	10.7
RELIANT II	10.7
SPARTAN	9.0
OSPREY (PRO 92/24)	7.0
DEFIANT (MB 81-93)	6.7
MB 82-93	6.7
DISCOVERY	3.7
LSD VALUE	10.8
C.V. (%)	60.5

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 18A. WEED RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1	NAME	ME1
ARUBA	9.0	WX3-FF54	8.7
BANNER II	9.0	AURORA W/ENDO.	8.3
BANNER III (MB 61-93)	9.0	DISCOVERY	8.3
BRIDGEPORT	9.0	ECOSTAR	8.3
BRITTANY	9.0	FLYER II (ZPS-4BN)	8.3
CULUMBRA (MB 64-93)	9.0	OSPREY (PRO 92/24)	8.3
ISI-FC-62	9.0	CASCADE	8.0
JAMESTOWN	9.0	DAWSON	8.0
JAMESTOWN II	9.0	JASPER (E)	8.0
K-2 (MB 65-93)	9.0	PST-4DT	7.7
MB 66-93	9.0	RONDO	7.7
MEDINA	9.0	SR 3100	7.7
NJ F-93	9.0	BAR FRR 4ZBD	7.3
PST-4ST	9.0	SEABREEZE	7.3
SANDPIPER (PRO 92/20)	9.0	BAR UR 204	7.0
SHADEMASTER II	9.0	COMMON CREEPING	6.7
SHADOW II (PST-44D)	9.0	DEFIANT (MB 81-93)	6.7
SR 5100	9.0	FLORENTINE (PST-4VB ENDO.)	6.3
TIFFANY	9.0	PAMELA	6.3
TMI-3CE	9.0	RELIANT II	6.3
TREAZURE (ZPS-MG)	9.0	VERNON (MB 83-93)	6.3
VICTORY II (PICK 4-91W)	9.0	CAS-FR13	6.0
WX3-FFG6	9.0	SCALDIS	6.0
DARWIN	8.7	BRIGADE	5.7
ECO (MB 63-93)	8.7	SPARTAN	5.7
FLYER	8.7	SILVERLAWN (WVPB-STCR-101)	5.0
MB 82-93	8.7	67135	4.3
MOLINDA	8.7	QUATRO (FO 143)	4.3
NORDIC	8.7		
SHADOW (E)	8.7	LSD VALUE	2.4
VICTORY (E)	8.7	C.V. (%)	18.6

TABLE 18B. WEED RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1
DAWSON	8.0
SEABREEZE	7.3
LSD VALUE	3.8
C.V. (%)	31.0

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. WEED RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1
67135	4.3
QUATRO (FO 143)	4.3
LSD VALUE	2.5
C.V. (%)	35.3

TABLE 18D. WEED RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1997 DATA

WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1
BANNER II	9.0
BANNER III (MB 61-93)	9.0
BRIDGEPORT	9.0
BRITTANY	9.0
CULUMBRA (MB 64-93)	9.0
ISI-FC-62	9.0
JAMESTOWN	9.0
JAMESTOWN II	9.0
K-2 (MB 65-93)	9.0
MB 66-93	9.0
MEDINA	9.0
NJ F-93	9.0
SANDPIPER (PRO 92/20)	9.0
SHADOW II (PST-44D)	9.0
SR 5100	9.0
TIFFANY	9.0
TMI-3CE	9.0
TREAZURE (ZPS-MG)	9.0
VICTORY II (PICK 4-91W)	9.0
DARWIN	8.7
ECO (MB 63-93)	8.7
MOLINDA	8.7
SHADOW (E)	8.7
VICTORY (E)	8.7
WX3-FF54	8.7
CASCADE	8.0
LSD VALUE	0.7
C.V. (%)	4.9

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 18E. WEED RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1997 DATA

WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1
ARUBA	9.0
PST-4ST	9.0
SHADEMASTER II	9.0
WX3-FFG6	9.0
FLYER	8.7
FLYER II (ZPS-4BN)	8.3
JASPER (E)	8.0
PST-4DT	7.7
RONDO	7.7
BAR FRR 4ZBD	7.3
BAR UR 204	7.0
COMMON CREEPING	6.7
FLORENTINE (PST-4VB ENDO.)	6.3
CAS-FR13	6.0
SILVERLAWN (WVPB-STCR-101)	5.0
LSD VALUE	2.7
C.V. (%)	22.2

TABLE 18F. WEED RATINGS OF HARD FESCUE CULTIVARS 1/
1997 DATA

WEED RATINGS 1-9; 9=NO WEEDS 2/

NAME	ME1
MB 82-93	8.7
NORDIC	8.7
AURORA W/ENDO.	8.3
DISCOVERY	8.3
ECOSTAR	8.3
OSPREY (PRO 92/24)	8.3
SR 3100	7.7
DEFIANT (MB 81-93)	6.7
PAMELA	6.3
RELIANT II	6.3
VERNON (MB 83-93)	6.3
SCALDIS	6.0
BRIGADE	5.7
SPARTAN	5.7
LSD VALUE	3.5
C.V. (%)	29.8

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 19A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA

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

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
SR 5100	8.0	6.3	9.0	7.0	7.6
MB 82-93	8.0	6.3	8.0	7.3	7.4
BRITTANY	8.3	5.0	7.3	8.3	7.3
CULUMBRA (MB 64-93)	9.0	5.7	7.0	7.7	7.3
SHADOW II (PST-44D)	8.7	5.3	7.7	7.7	7.3
TIFFANY	6.7	5.0	9.0	8.7	7.3
VICTORY II (PICK 4-91W)	8.7	5.7	7.7	7.0	7.3
SHADEMASTER II	5.3	6.7	7.7	9.0	7.2
FLORENTINE (PST-4VB ENDO.)	6.0	6.3	9.0	7.0	7.1
PST-4ST	7.0	7.7	7.7	6.0	7.1
AURORA W/ENDO.	8.0	6.0	7.3	6.7	7.0
BRIDGEPORT	7.3	5.7	8.0	7.0	7.0
FLYER II (ZPS-4BN)	5.7	6.7	7.0	8.7	7.0
K-2 (MB 65-93)	7.7	6.0	7.3	7.0	7.0
SCALDIS	8.7	5.0	7.3	7.0	7.0
TREAZURE (ZPS-MG)	8.7	5.3	7.0	7.0	7.0
DISCOVERY	7.3	5.3	7.0	8.0	6.9
NJ F-93	6.7	6.0	7.0	8.0	6.9
SANDPIPER (PRO 92/20)	7.0	5.0	8.0	7.7	6.9
SR 3100	5.7	6.0	7.7	8.3	6.9
JASPER (E)	4.7	7.7	8.0	6.7	6.8
MEDINA	9.0	4.3	6.3	7.7	6.8
SHADOW (E)	6.7	5.3	7.0	8.0	6.8
WX3-FF54	8.3	5.7	6.0	7.3	6.8
BANNER II	7.7	5.3	7.0	6.7	6.7
DEFIANT (MB 81-93)	7.3	5.0	7.3	7.0	6.7
QUATRO (FO 143)	6.7	5.0	6.7	8.3	6.7
BANNER III (MB 61-93)	7.3	5.3	8.0	5.7	6.6
ISI-FC-62	7.7	5.3	7.3	6.0	6.6
JAMESTOWN II	7.0	5.0	7.7	6.7	6.6
TMI-3CE	7.7	4.0	7.7	7.0	6.6
ECO (MB 63-93)	7.7	5.0	7.7	5.7	6.5
DARWIN	8.3	4.3	5.7	7.3	6.4
ARUBA	5.0	7.3	7.0	6.0	6.3
BAR UR 204	7.0	5.7	7.0	5.3	6.3
MOLINDA	8.7	5.3	6.0	5.0	6.3
NORDIC	8.0	6.0	6.7	4.7	6.3
PST-4DT	6.0	6.7	6.7	6.0	6.3
WX3-FFG6	6.3	5.0	7.0	7.0	6.3
OSPREY (PRO 92/24)	7.0	5.3	7.3	5.0	6.2
RELIANT II	7.0	5.7	6.7	5.3	6.2
BAR FRR 4ZBD	6.7	6.0	5.7	6.0	6.1
CASCADE	8.0	5.3	5.7	5.3	6.1
JAMESTOWN	6.0	5.0	6.3	7.0	6.1
MB 66-93	7.0	5.0	6.7	4.7	5.8

TABLE 19A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) AT ORONO, ME
 1997 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
RONDO	7.7	5.3	6.7	3.3	5.8
VERNON (MB 83-93)	7.0	5.7	5.3	5.3	5.8
VICTORY (E)	6.3	6.7	5.7	4.7	5.8
FLYER	4.3	4.7	6.7	7.0	5.7
SEABREEZE	4.7	4.7	5.3	7.7	5.6
SILVERLAWN (WVPB-STCR-101)	5.3	4.0	6.7	6.3	5.6
SPARTAN	7.3	4.7	5.7	4.7	5.6
67135	5.7	4.0	7.3	4.7	5.4
COMMON CREEPING	6.7	5.0	6.3	3.7	5.4
ECOSTAR	8.0	4.3	5.7	3.7	5.4
BRIGADE	5.0	5.0	6.0	5.3	5.3
CAS-FR13	5.0	5.3	6.0	4.7	5.3
PAMELA	6.0	4.7	5.7	5.0	5.3
DAWSON	5.3	4.0	4.7	5.0	4.8
LSD VALUE	2.3	3.4	2.5	3.3	1.5
C.V. (%)	18.1	22.8	17.0	25.3	12.1

TABLE 19B. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
SEABREEZE	4.7	4.7	5.3	7.7	5.6
DAWSON	5.3	4.0	4.7	5.0	4.8
LSD VALUE	1.4	2.9	2.9	1.4	0.7
C.V. (%)	8.2	18.8	16.3	6.4	4.0

TABLE 19C. LEAF SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
QUATRO (FO 143)	6.7	5	6.7	8.3	6.7
67135	5.7	4	7.3	4.7	5.4
LSD VALUE	6.6	6.6	5.2	1.4	0.6
C.V. (%)	30.3	41.6	21.0	6.3	2.9

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 19D. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS
AT ORONO, ME 1/
1997 DATA

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

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
SR 5100	8.0	6.3	9.0	7.0	7.6
BRITTANY	8.3	5.0	7.3	8.3	7.3
CULUMBRA (MB 64-93)	9.0	5.7	7.0	7.7	7.3
SHADOW II (PST-44D)	8.7	5.3	7.7	7.7	7.3
TIFFANY	6.7	5.0	9.0	8.7	7.3
VICTORY II (PICK 4-91W)	8.7	5.7	7.7	7.0	7.3
BRIDGEPORT	7.3	5.7	8.0	7.0	7.0
K-2 (MB 65-93)	7.7	6.0	7.3	7.0	7.0
TREAZURE (ZPS-MG)	8.7	5.3	7.0	7.0	7.0
NJ F-93	6.7	6.0	7.0	8.0	6.9
SANDPIPER (PRO 92/20)	7.0	5.0	8.0	7.7	6.9
MEDINA	9.0	4.3	6.3	7.7	6.8
SHADOW (E)	6.7	5.3	7.0	8.0	6.8
WX3-FF54	8.3	5.7	6.0	7.3	6.8
BANNER II	7.7	5.3	7.0	6.7	6.7
BANNER III (MB 61-93)	7.3	5.3	8.0	5.7	6.6
ISI-FC-62	7.7	5.3	7.3	6.0	6.6
JAMESTOWN II	7.0	5.0	7.7	6.7	6.6
TMI-3CE	7.7	4.0	7.7	7.0	6.6
ECO (MB 63-93)	7.7	5.0	7.7	5.7	6.5
DARWIN	8.3	4.3	5.7	7.3	6.4
MOLINDA	8.7	5.3	6.0	5.0	6.3
CASCADE	8.0	5.3	5.7	5.3	6.1
JAMESTOWN	6.0	5.0	6.3	7.0	6.1
MB 66-93	7.0	5.0	6.7	4.7	5.8
VICTORY (E)	6.3	6.7	5.7	4.7	5.8
LSD VALUE	2.3	4.9	2.5	3.7	2.0
C.V. (%)	13.6	24.1	15.9	22.3	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 19E. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
SHADEMASTER II	5.3	6.7	7.7	9.0	7.2
FLORENTINE (PST-4VB ENDO.)	6.0	6.3	9.0	7.0	7.1
PST-4ST	7.0	7.7	7.7	6.0	7.1
FLYER II (ZPS-4BN)	5.7	6.7	7.0	8.7	7.0
JASPER (E)	4.7	7.7	8.0	6.7	6.8
ARUBA	5.0	7.3	7.0	6.0	6.3
BAR UR 204	7.0	5.7	7.0	5.3	6.3
PST-4DT	6.0	6.7	6.7	6.0	6.3
WX3-FFG6	6.3	5.0	7.0	7.0	6.3
BAR FRR 4ZBD	6.7	6.0	5.7	6.0	6.1
RONDO	7.7	5.3	6.7	3.3	5.8
FLYER	4.3	4.7	6.7	7.0	5.7
SILVERLAWN (WVPB-STCR-101)	5.3	4.0	6.7	6.3	5.6
COMMON CREEPING	6.7	5.0	6.3	3.7	5.4
CAS-FR13	5.0	5.3	6.0	4.7	5.3
LSD VALUE	3.3	2.9	3.2	3.5	2.4
C.V. (%)	23.2	22.6	18.0	28.0	15.1

TABLE 19F. LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
MB 82-93	8.0	6.3	8.0	7.3	7.4
AURORA W/ENDO.	8.0	6.0	7.3	6.7	7.0
SCALDIS	8.7	5.0	7.3	7.0	7.0
DISCOVERY	7.3	5.3	7.0	8.0	6.9
SR 3100	5.7	6.0	7.7	8.3	6.9
DEFIANT (MB 81-93)	7.3	5.0	7.3	7.0	6.7
NORDIC	8.0	6.0	6.7	4.7	6.3
OSPREY (PRO 92/24)	7.0	5.3	7.3	5.0	6.2
RELIANT II	7.0	5.7	6.7	5.3	6.2
VERNON (MB 83-93)	7.0	5.7	5.3	5.3	5.8
SPARTAN	7.3	4.7	5.7	4.7	5.6
ECOSTAR	8.0	4.3	5.7	3.7	5.4
BRIGADE	5.0	5.0	6.0	5.3	5.3
PAMELA	6.0	4.7	5.7	5.0	5.3
LSD VALUE	3.5	-	2.3	4.1	1.5
C.V. (%)	20.2	21.2	15.6	30.6	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 20A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, ME
 1997 DATA

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

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JASPER (E)	8.3	7.7	9.0	9.0	8.5
BAR FRR 4ZBD	9.0	7.3	8.3	9.0	8.4
FLORENTINE (PST-4VB ENDO.)	8.7	7.0	9.0	9.0	8.4
JAMESTOWN II	8.7	6.3	9.0	9.0	8.3
SHADEMASTER II	8.0	7.3	9.0	9.0	8.3
VICTORY (E)	9.0	6.3	8.7	9.0	8.3
VICTORY II (PICK 4-91W)	9.0	6.0	9.0	9.0	8.3
BANNER III (MB 61-93)	9.0	5.7	9.0	9.0	8.2
BRITTANY	8.7	6.0	9.0	9.0	8.2
MOLINDA	9.0	5.7	9.0	9.0	8.2
NJ F-93	9.0	6.3	8.7	8.7	8.2
TREAZURE (ZPS-MG)	9.0	5.7	9.0	9.0	8.2
BAR UR 204	7.7	6.7	9.0	9.0	8.1
DISCOVERY	9.0	6.3	8.0	9.0	8.1
K-2 (MB 65-93)	9.0	5.3	9.0	9.0	8.1
SANDPIPER (PRO 92/20)	8.7	5.7	9.0	9.0	8.1
SILVERLAWN (WVPB-STCR-101)	8.0	6.7	8.7	9.0	8.1
SR 5100	9.0	5.3	9.0	9.0	8.1
TIFFANY	8.3	6.0	9.0	9.0	8.1
BANNER II	8.7	5.3	9.0	9.0	8.0
CULUMBRA (MB 64-93)	9.0	5.3	8.7	9.0	8.0
DEFIANT (MB 81-93)	8.7	5.7	8.7	9.0	8.0
ECOSTAR	9.0	7.0	7.0	9.0	8.0
MB 82-93	8.7	5.7	8.7	9.0	8.0
TMI-3CE	9.0	5.3	8.7	9.0	8.0
AURORA W/ENDO.	8.7	5.7	8.7	8.7	7.9
BRIDGEPORT	8.7	5.3	8.7	9.0	7.9
JAMESTOWN	8.7	6.0	8.0	9.0	7.9
MEDINA	9.0	5.0	8.7	9.0	7.9
OSPREY (PRO 92/24)	9.0	5.7	8.0	9.0	7.9
SHADOW (E)	9.0	5.0	8.7	9.0	7.9
SHADOW II (PST-44D)	9.0	4.7	9.0	9.0	7.9
ARUBA	7.3	7.0	8.0	9.0	7.8
ECO (MB 63-93)	8.7	5.0	8.7	9.0	7.8
ISI-FC-62	8.7	4.7	8.7	9.0	7.8
MB 66-93	8.3	6.3	7.7	9.0	7.8
NORDIC	9.0	5.0	8.0	9.0	7.8
RELIANT II	8.3	5.3	8.3	9.0	7.8
SCALDIS	9.0	6.0	7.3	9.0	7.8
SR 3100	8.7	4.7	8.7	9.0	7.8
WX3-FF54	9.0	5.3	8.7	8.3	7.8
DARWIN	9.0	3.7	9.0	9.0	7.7
FLYER II (ZPS-4BN)	6.7	7.3	8.7	8.0	7.7
PST-4DT	7.7	5.3	8.7	9.0	7.7
PST-4ST	8.0	7.0	8.7	7.0	7.7

TABLE 20A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) AT ORONO, ME
 1997 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
CASCADE	7.7	4.7	8.7	9.0	7.5
FLYER	7.7	4.7	8.7	9.0	7.5
WX3-FFG6	7.3	4.7	9.0	9.0	7.5
CAS-FR13	7.3	5.7	8.3	8.3	7.4
RONDO	8.7	4.7	7.0	9.0	7.3
67135	7.3	3.0	9.0	9.0	7.1
BRIGADE	6.7	4.0	8.7	9.0	7.1
QUATRO (FO 143)	7.3	4.7	7.3	9.0	7.1
PAMELA	6.7	5.0	8.3	8.0	7.0
COMMON CREEPING	7.7	5.0	6.3	8.3	6.8
DAWSON	6.3	5.0	8.0	7.7	6.8
SPARTAN	8.0	4.7	8.3	6.3	6.8
VERNON (MB 83-93)	7.7	4.0	8.0	7.3	6.8
SEABREEZE	7.7	2.3	7.7	9.0	6.7
LSD VALUE	4.6	3.0	2.3	3.8	2.3
C.V. (%)	15.0	24.5	10.1	10.9	9.4

TABLE 20B. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
 AT ORONO, ME 1/
 1997 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
DAWSON	6.3	5.0	8.0	7.7	6.8
SEABREEZE	7.7	2.3	7.7	9.0	6.7
LSD VALUE	5.7	3.8	5.2	5.7	5.1
C.V. (%)	23.3	29.5	18.8	19.6	21.5

TABLE 20C. RED THREAD RATINGS OF SHEEP FESCUE CULTIVARS
 AT ORONO, ME 1/
 1997 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
67135	7.3	3.0	9.0	9	7.1
QUATRO (FO 143)	7.3	4.7	7.3	9	7.1
LSD VALUE	4.0	2.9	7.2	0	2.2
C.V. (%)	19.3	21.3	25.0	0	9.0

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

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

TABLE 20D. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
AT ORONO, ME 1/
1997 DATA

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

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JAMESTOWN II	8.7	6.3	9.0	9.0	8.3
VICTORY (E)	9.0	6.3	8.7	9.0	8.3
VICTORY II (PICK 4-91W)	9.0	6.0	9.0	9.0	8.3
BANNER III (MB 61-93)	9.0	5.7	9.0	9.0	8.2
BRITTANY	8.7	6.0	9.0	9.0	8.2
MOLINDA	9.0	5.7	9.0	9.0	8.2
NJ F-93	9.0	6.3	8.7	8.7	8.2
TREAZURE (ZPS-MG)	9.0	5.7	9.0	9.0	8.2
K-2 (MB 65-93)	9.0	5.3	9.0	9.0	8.1
SANDPIPER (PRO 92/20)	8.7	5.7	9.0	9.0	8.1
SR 5100	9.0	5.3	9.0	9.0	8.1
TIFFANY	8.3	6.0	9.0	9.0	8.1
BANNER II	8.7	5.3	9.0	9.0	8.0
CULUMBRA (MB 64-93)	9.0	5.3	8.7	9.0	8.0
TMI-3CE	9.0	5.3	8.7	9.0	8.0
BRIDGEPORT	8.7	5.3	8.7	9.0	7.9
JAMESTOWN	8.7	6.0	8.0	9.0	7.9
MEDINA	9.0	5.0	8.7	9.0	7.9
SHADOW (E)	9.0	5.0	8.7	9.0	7.9
SHADOW II (PST-44D)	9.0	4.7	9.0	9.0	7.9
ECO (MB 63-93)	8.7	5.0	8.7	9.0	7.8
ISI-FC-62	8.7	4.7	8.7	9.0	7.8
MB 66-93	8.3	6.3	7.7	9.0	7.8
WX3-FF54	9.0	5.3	8.7	8.3	7.8
DARWIN	9.0	3.7	9.0	9.0	7.7
CASCADE	7.7	4.7	8.7	9.0	7.5
LSD VALUE	2.1	5.3	0.9	0.8	1.8
C.V. (%)	6.8	25.6	4.7	2.8	5.6

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

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

TABLE 20E. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
 AT ORONO, ME 1/
 1997 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JASPER (E)	8.3	7.7	9.0	9.0	8.5
BAR FRR 4ZBD	9.0	7.3	8.3	9.0	8.4
FLORENTINE (PST-4VB ENDO.)	8.7	7.0	9.0	9.0	8.4
SHADEMASTER II	8.0	7.3	9.0	9.0	8.3
BAR UR 204	7.7	6.7	9.0	9.0	8.1
SILVERLAWN (WVPB-STCR-101)	8.0	6.7	8.7	9.0	8.1
ARUBA	7.3	7.0	8.0	9.0	7.8
FLYER II (ZPS-4BN)	6.7	7.3	8.7	8.0	7.7
PST-4DT	7.7	5.3	8.7	9.0	7.7
PST-4ST	8.0	7.0	8.7	7.0	7.7
FLYER	7.7	4.7	8.7	9.0	7.5
WX3-FFG6	7.3	4.7	9.0	9.0	7.5
CAS-FR13	7.3	5.7	8.3	8.3	7.4
RONDO	8.7	4.7	7.0	9.0	7.3
COMMON CREEPING	7.7	5.0	6.3	8.3	6.8
LSD VALUE	-	2.8	1.8	-	-
C.V. (%)	21.8	21.3	10.3	12.5	11.4

TABLE 20F. RED THREAD RATINGS OF HARD FESCUE CULTIVARS
 AT ORONO, ME 1/
 1997 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
DISCOVERY	9.0	6.3	8.0	9.0	8.1
DEFIANT (MB 81-93)	8.7	5.7	8.7	9.0	8.0
ECOSTAR	9.0	7.0	7.0	9.0	8.0
MB 82-93	8.7	5.7	8.7	9.0	8.0
AURORA W/ENDO.	8.7	5.7	8.7	8.7	7.9
OSPREY (PRO 92/24)	9.0	5.7	8.0	9.0	7.9
NORDIC	9.0	5.0	8.0	9.0	7.8
RELIANT II	8.3	5.3	8.3	9.0	7.8
SCALDIS	9.0	6.0	7.3	9.0	7.8
SR 3100	8.7	4.7	8.7	9.0	7.8
BRIGADE	6.7	4.0	8.7	9.0	7.1
PAMELA	6.7	5.0	8.3	8.0	7.0
SPARTAN	8.0	4.7	8.3	6.3	6.8
VERNON (MB 83-93)	7.7	4.0	8.0	7.3	6.8
LSD VALUE	3.4	3.4	-	4.1	2.1
C.V. (%)	15.6	24.6	14.4	16.8	10.3

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.