

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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CONTENTS

1993 National Fineleaf Fescue Test - 1996 data

LOCATIONS SUBMITTING DATA FOR 1996.....1
NATIONAL FINELEAF FESCUE TEST, 1993 - Entries and Sponsors.....2
Table A - 1996 Locations, Site Descriptions and Management
Practices in the 1993 National Fineleaf Fescue Test.....3
Table B - Locations and Data Collected in 1996.....4
Table 1A - Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....6
Table 1B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....7
Table 1C - Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....7
Table 1D - Mean Turfgrass Quality Ratings of Chewings Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....8
Table 1E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....9
Table 1F - Mean Turfgrass Quality Ratings of Hard Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....9
Table 2A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars
for Each Month Grown at Twenty Locations (Full Sun) in the U.S.....10
Table 2B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue
Cultivars for Each Month Grown at Twenty Locations (Full Sun)
in the U.S.....11
Table 2C - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars
for Each Month Grown at Twenty Locations (Full Sun) in the U.S.....11
Table 2D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars
for Each Month Grown at Twenty Locations (Full Sun) in the U.S.....12
Table 2E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue
Cultivars for Each Month Grown at Twenty Locations (Full Sun)
in the U.S.....13
Table 2F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars
for Each Month Grown at Twenty Locations (Full Sun) in the U.S.....13
Table 3A - Ranking of Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....14
Table 3B - Ranking of Mean Turfgrass Quality Ratings of Slender Creeping Red
Fescue Cultivars at Twenty Locations (Full Sun) in the U.S.....15
Table 3C - Ranking of Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....15
Table 3D - Ranking of Mean Turfgrass Quality Ratings of Chewings Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....16
Table 3E - Ranking of Mean Turfgrass Quality Ratings of Strong Creeping
Red Fescue Cultivars at Twenty Locations (Full Sun) in the U.S.....17
Table 3F - Ranking of Mean Turfgrass Quality Ratings of Hard Fescue
Cultivars at Twenty Locations (Full Sun) in the U.S.....17
Table 4A - Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Three Locations (Shade) in the U.S.....18
Table 4B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue
Cultivars at Three Locations (Shade) in the U.S.....18
Table 4C - Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Three Locations (Shade) in the U.S.....19

CONTENTS (Continued)

Table 4D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars at Three Locations (Shade) in the U.S.....	19
Table 4E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars at Three Locations (Shade) in the U.S.....	20
Table 4F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars at Three Locations (Shade) in the U.S.....	20
Table 5A - Genetic Color Ratings of Fineleaf Fescue Cultivars.....	21
Table 5B - Genetic Color Ratings of Slender Creeping Red Fescue Cultivars.....	22
Table 5C - Genetic Color Ratings of Sheep Fescue Cultivars.....	22
Table 5D - Genetic Color Ratings of Chewings Fescue Cultivars.....	23
Table 5E - Genetic Color Ratings of Strong Creeping Red Fescue Cultivars.....	24
Table 5F - Genetic Color Ratings of Hard Fescue Cultivars.....	24
Table 6A - Spring Greenup Ratings of Fineleaf Fescue Cultivars.....	25
Table 6B - Spring Greenup Ratings of Slender Creeping Red Fescue Cultivars....	26
Table 6C - Spring Greenup Ratings of Sheep Fescue Cultivars.....	26
Table 6D - Spring Greenup Ratings of Chewings Fescue Cultivars.....	27
Table 6E - Spring Greenup Ratings of Strong Creeping Red Fescue Cultivars....	28
Table 6F - Spring Greenup Ratings of Hard Fescue Cultivars.....	28
Table 7A - Leaf Texture Ratings of Fineleaf Fescue Cultivars.....	29
Table 7B - Leaf Texture Ratings of Slender Creeping Red Fescue Cultivars.....	30
Table 7C - Leaf Texture Ratings of Sheep Fescue Cultivars.....	30
Table 7D - Leaf Texture Ratings of Chewings Fescue Cultivars.....	31
Table 7E - Leaf Texture Ratings of Strong Creeping Red Fescue Cultivars.....	32
Table 7F - Leaf Texture Ratings of Hard Fescue Cultivars.....	32
Table 8A - Spring Density Ratings of Fineleaf Fescue Cultivars.....	33
Table 8B - Spring Density Ratings of Slender Creeping Red Fescue Cultivars....	33
Table 8C - Spring Density Ratings of Sheep Fescue Cultivars.....	34
Table 8D - Spring Density Ratings of Chewings Fescue Cultivars.....	34
Table 8E - Spring Density Ratings of Strong Creeping Red Fescue Cultivars....	35
Table 8F - Spring Density Ratings of Hard Fescue Cultivars.....	35
Table 9A - Summer Density Ratings of Fineleaf Fescue Cultivars.....	36
Table 9B - Summer Density Ratings of Slender Creeping Red Fescue Cultivars....	36
Table 9C - Summer Density Ratings of Sheep Fescue Cultivars.....	37
Table 9D - Summer Density Ratings of Chewings Fescue Cultivars.....	37
Table 9E - Summer Density Ratings of Strong Creeping Red Fescue Cultivars....	38
Table 9F - Summer Density Ratings of Hard Fescue Cultivars.....	38
Table 10A- Fall Density Ratings of Fineleaf Fescue Cultivars.....	39
Table 10B- Fall Density Ratings of Slender Creeping Red Fescue Cultivars.....	39
Table 10C- Fall Density Ratings of Sheep Fescue Cultivars.....	40
Table 10D- Fall Density Ratings of Chewings Fescue Cultivars.....	40
Table 10E- Fall Density Ratings of Strong Creeping Red Fescue Cultivars.....	41
Table 10F- Fall Density Ratings of Hard Fescue Cultivars.....	41
Table 11A- Percent Living Ground Cover (Spring) Ratings of Fineleaf Fescue Cultivars.....	42
Table 11B- Percent Living Ground Cover (Spring) Ratings of Slender Creeping Red Fescue Cultivars.....	42
Table 11C- Percent Living Ground Cover (Spring) Ratings of Sheep Fescue Cultivars.....	43
Table 11D- Percent Living Ground Cover (Spring) Ratings of Chewings Fescue Cultivars.....	43

CONTENTS (Continued)

Table 11E-	Percent Living Ground Cover (Spring) Ratings of Strong Creeping Red Fescue Cultivars.....	44
Table 11F-	Percent Living Ground Cover (Spring) Ratings of Hard Fescue Cultivars.....	44
Table 12A-	Percent Living Ground Cover (Summer) Ratings of Fineleaf Fescue Cultivars.....	45
Table 12B-	Percent Living Ground Cover (Summer) Ratings of Slender Creeping Red Fescue Cultivars.....	45
Table 12C-	Percent Living Ground Cover (Summer) Ratings of Sheep Fescue Cultivars.....	46
Table 12D-	Percent Living Ground Cover (Summer) Ratings of Chewings Fescue Cultivars.....	46
Table 12E-	Percent Living Ground Cover (Summer) Ratings of Strong Creeping Red Fescue Cultivars.....	47
Table 12F-	Percent Living Ground Cover (Summer) Ratings of Hard Fescue Cultivars.....	47
Table 13A-	Percent Living Ground Cover (Fall) Ratings of Fineleaf Fescue Cultivars.....	48
Table 13B-	Percent Living Ground Cover (Fall) Ratings of Slender Creeping Red Fescue Cultivars.....	48
Table 13C-	Percent Living Ground Cover (Fall) Ratings of Sheep Fescue Cultivars.....	49
Table 13D-	Percent Living Ground Cover (Fall) Ratings of Chewings Fescue Cultivars.....	49
Table 13E-	Percent Living Ground Cover (Fall) Ratings of Strong Creeping Red Fescue Cultivars.....	50
Table 13F-	Percent Living Ground Cover (Fall) Ratings of Hard Fescue Cultivars.....	50
Table 14A-	Leaf Spot (May) Ratings of Fineleaf Fescue Cultivars.....	51
Table 14B-	Leaf Spot (May) Ratings of Slender Creeping Red Fescue Cultivars....	51
Table 14C-	Leaf Spot (May) Ratings of Sheep Fescue Cultivars.....	52
Table 14D-	Leaf Spot (May) Ratings of Chewings Fescue Cultivars.....	52
Table 14E-	Leaf Spot (May) Ratings of Strong Creeping Red Fescue Cultivars....	53
Table 14F-	Leaf Spot (May) Ratings of Hard Fescue Cultivars.....	53
Table 15A-	Leaf Spot Ratings of Fineleaf Fescue Cultivars at Orono, ME (ME1)..	54
Table 15B-	Leaf Spot Ratings of Slender Creeping Red Fescue Cultivars at Orono, ME (ME1).....	55
Table 15C-	Leaf Spot Ratings of Sheep Fescue Cultivars at Orono, ME (ME1)....	55
Table 15D-	Leaf Spot Ratings of Chewings Fescue Cultivars at Orono, ME (ME1)..	56
Table 15E-	Leaf Spot Ratings of Strong Creeping Red Fescue Cultivars at Orono, ME.....	57
Table 15F-	Leaf Spot Ratings of Hard Fescue Cultivars at Orono, ME (ME1).....	57
Table 16A-	Mowing Injury Ratings of Fineleaf Fescue Cultivars.....	58
Table 16B-	Mowing Injury Ratings of Slender Creeping Red Fescue Cultivars....	58
Table 16C-	Mowing Injury Ratings of Sheep Fescue Cultivars.....	59
Table 16D-	Mowing Injury Ratings of Chewings Fescue Cultivars.....	59
Table 16E-	Mowing Injury Ratings of Strong Creeping Red Fescue Cultivars.....	60
Table 16F-	Mowing Injury Ratings of Hard Fescue Cultivars.....	60
Table 17A-	Summer Color Ratings of Fineleaf Fescue Cultivars.....	61
Table 17B-	Summer Color Ratings of Slender Creeping Red Fescue Cultivars.....	61
Table 17C-	Summer Color Ratings of Sheep Fescue Cultivars.....	62

CONTENTS (Continued)

Table 17D- Summer Color Ratings of Chewings Fescue Cultivars.....	62
Table 17E- Summer Color Ratings of Strong Creeping Red Fescue Cultivars.....	63
Table 17F- Summer Color Ratings of Hard Fescue Cultivars.....	63
Table 18A- Brown Patch Ratings of Fineleaf Fescue Cultivars at Orono, ME (ME1) ..	64
Table 18B- Brown Patch Ratings of Slender Creeping Red Fescue Cultivars at Orono, ME (ME1).....	64
Table 18C- Brown Patch Ratings of Sheep Fescue Cultivars at Orono, ME (ME1).....	65
Table 18D- Brown Patch Ratings of Chewings Fescue Cultivars at Orono, ME (ME1) ..	65
Table 18E- Brown Patch Ratings of Strong Creeping Red Fescue Cultivars at Orono, ME.....	66
Table 18F- Brown Patch Ratings of Hard Fescue Cultivars at Orono, ME (ME1).....	66

LOCATIONS SUBMITTING DATA FOR 1996

<u>State</u>	<u>Location</u>	<u>Code</u>
Georgia	Griffin (High pH)	GA1
Georgia	Griffin (Low pH)	GA2
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale (Full sun)	IL2
Illinois	Carbondale (Dense Shade)	IL2
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst	MA1
Maryland	Beltsville	UB1
Maryland	Silver Spring (Dense shade)	MD1
Maine	Orono	ME1
Michigan	East Lansing (Light Shade)	MI1
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
Virginia	Blacksburg	VA1
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	Culumbra (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 Fr 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	Victory 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	Treasure (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	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.	Turf-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.

1996 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
GA1	SANDY CLAY LOAM	6.6-7.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
GA2	SANDY CLAY LOAM	3.6-4.5	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	NO IRRIGATION
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	151-270	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IL3	SILTY CLAY LOAM	6.1-6.5	151-270	151-240	0.0-1.0	DENSE SHADE	3.1-3.5	NO IRRIGATION
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
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
MA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	1.1-2.0	DENSE SHADE	2.6-3.0	TO PREVENT DORMANCY
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	1.1-2.0	LIGHT SHADE	3.6-4.0	NO IRRIGATION
MO1	SILTY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
NJ1	SANDY LOAM	6.1-6.5	271-450	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	151-270	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
OH1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	2.1-3.0	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
PA1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	6.6-7.0	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
VA1	-	-	-	-	-	-	-	-
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	451+	501+	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1996

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X		
GA2	X	X	X	X	X	X	X	X	X	X	X	X	X		
IA1					X	X	X	X	X	X				X	
IL1					X	X	X	X	X	X				X	X
IL2					X	X	X	X					X		X
IL3				X	X	X	X	X							
KS1				X	X	X	X	X	X	X			X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
MA1				X	X	X	X	X	X	X			X	X	
MD1				X	X	X	X	X	X	X					
ME1					X	X	X	X	X	X	X		X		
MI1					X	X	X	X	X	X			X	X	X
MO1				X	X	X	X	X	X	X			X		X
NJ1				X	X	X	X	X	X	X	X		X		X
NJ2				X	X	X	X	X	X	X	X		X		X
OH1					X	X	X	X	X	X	X		X	X	X
OK1				X	X	X	X	X	X	X			X	X	X
PA1					X	X	X	X	X	X			X	X	
RI1					X	X	X	X	X	X	X		X	X	X
UB1				X	X	X	X	X	X	X	X		X	X	X
VA1				X	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 1996

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT			LEAF SPOT	MOWING INJURY	PERCENT	SUMMER COLOR RATING	LEAF SPOT MAY	LEAF SPOT JUNE	LEAF SPOT SEPTEMBER	LEAF SPOT OCTOBER	LEAF SPOT NOVEMBER	BROWN PATCH JUNE	BROWN PATCH JULY	BROWN PATCH AUGUST
				COVER SPRING	COVER SUMMER	COVER FALL			RED THREAD MAY									
GA1	X	X		X	X				X									
GA2	X	X		X	X				X									
IA1																		
IL1			X															
IL2																		
IL3																		
KS1																		
KY1				X					X									
MA1																		
MD1																		
ME1								X			X	X	X	X	X	X	X	X
MI1																		
MO1					X													
NJ1																		
NJ2	X					X												
OH1																		
OK1	X	X	X	X	X	X												
PA1	X		X															
RI1																		
UB1							X											
VA1																		
WA1																		
WI1																		

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA

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

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
* SR 5100	4.5	4.8	6.5	5.8	5.6	5.8	7.8	5.7	7.0	3.4	5.1	5.2	6.7	3.5	6.2	6.5	5.9	6.1	5.4	6.4	5.7
* BRITTANY	4.5	3.6	6.4	6.2	6.0	6.2	7.8	6.3	6.6	3.3	5.6	5.2	6.6	4.0	5.7	5.4	6.3	5.9	5.3	6.4	5.7
BANNER III (MB 61-93)	4.6	2.8	6.6	5.7	5.6	6.1	8.1	6.5	6.8	3.3	5.4	5.3	6.3	3.7	6.2	5.9	6.0	6.0	5.4	6.6	5.6
PST-4VB ENDO.	3.4	1.0	7.4	6.4	4.8	6.0	7.5	5.9	7.3	3.4	6.8	6.1	6.5	4.1	5.6	6.2	6.2	6.0	5.7	6.1	5.6
SHADOW II (PST-44D)	4.7	2.1	7.4	5.8	6.0	5.9	7.7	6.3	6.5	3.3	5.5	6.3	4.7	3.4	6.7	6.3	6.6	5.3	5.4	6.0	5.6
* VICTORY II (PICK 4-91W)	4.5	2.2	6.8	5.9	5.4	6.0	7.6	6.0	7.1	3.4	5.3	4.9	6.3	3.8	5.8	6.2	6.2	5.9	5.4	6.5	5.6
NJ F-93	4.3	2.7	6.6	5.6	5.1	5.8	7.6	6.0	7.4	3.2	5.7	5.8	6.6	3.4	5.7	5.8	6.1	6.2	5.9	6.0	5.6
CULUMBRA (MB 64-93)	4.1	2.0	6.6	5.9	5.8	6.2	7.9	5.9	7.1	3.1	5.1	5.0	5.7	3.6	6.0	6.0	5.8	5.8	6.0	6.7	5.5
* BRIDGEPORT	4.7	4.1	6.4	5.7	5.0	5.4	7.7	5.6	6.4	3.4	5.2	5.2	5.7	4.0	6.0	5.4	5.5	5.9	5.4	7.3	5.5
* DISCOVERY	5.0	2.5	6.2	5.6	3.8	5.9	6.6	6.0	6.0	2.3	6.5	6.1	6.8	1.8	6.9	4.9	7.4	5.7	5.5	6.7	5.4
* TIFFANY	4.4	2.4	6.9	5.8	5.5	6.0	7.6	5.9	6.2	3.3	4.7	5.1	4.4	3.8	6.3	6.2	5.8	5.8	5.5	6.7	5.4
* ECO (MB 63-93)	4.6	2.8	6.3	5.8	5.7	6.0	7.9	5.6	6.3	3.5	5.2	4.0	5.4	3.7	5.8	6.0	5.6	6.1	5.7	5.9	5.4
PST-4ST	3.6	1.0	7.3	5.8	4.8	5.5	7.4	5.4	6.8	3.2	5.7	6.0	7.0	3.1	5.6	5.6	6.1	5.7	5.8	6.5	5.4
* TREAZURE (ZPS-MG)	4.6	2.6	6.6	5.7	5.2	5.7	5.8	6.0	6.3	3.5	5.4	4.3	7.1	3.4	6.1	5.8	5.5	5.3	5.4	6.8	5.3
PST-4DT	3.1	1.0	7.3	5.6	5.0	5.8	7.8	6.2	6.6	3.2	5.7	5.1	6.7	3.7	5.3	5.2	5.5	5.7	5.7	6.5	5.3
* SHADEMASTER II	2.6	1.0	7.4	5.7	5.5	6.5	7.5	5.1	7.1	3.9	5.9	4.8	6.5	3.5	5.2	5.1	5.5	5.9	5.5	6.5	5.3
WX3-FF54	4.6	3.4	6.3	5.9	5.1	6.0	5.0	6.0	6.7	3.0	4.9	3.7	6.9	2.7	5.6	6.0	5.9	6.3	5.6	6.5	5.3
* SANDPIPER (PRO 92/20)	4.4	3.5	6.6	5.6	5.6	5.7	7.2	5.9	6.7	3.6	4.1	4.3	5.4	3.3	5.7	5.9	5.7	5.4	5.4	6.1	5.3
MB 82-93	4.1	2.0	6.2	5.7	4.3	5.5	7.2	5.9	6.0	3.2	5.1	4.9	6.7	2.0	6.3	5.9	6.6	5.9	5.5	6.3	5.3
TMI-3CE	4.6	3.0	5.9	5.7	4.8	6.1	6.8	5.8	6.4	3.1	5.0	4.4	5.3	3.5	6.2	5.9	5.8	5.5	5.0	6.1	5.2
* JASPER (E)	3.4	1.1	7.2	5.1	4.6	6.0	7.6	5.7	6.2	3.2	5.0	5.6	7.0	3.5	5.7	5.4	5.4	5.6	5.3	6.3	5.2
* SR 3100	5.7	1.7	5.4	5.6	3.8	5.9	6.0	5.9	5.8	1.6	6.3	5.6	7.0	1.0	7.2	6.0	7.9	4.8	5.6	6.1	5.2
* JAMESTOWN II	4.1	2.5	6.4	5.3	5.4	5.8	6.5	5.6	6.4	3.6	3.7	4.1	6.2	3.5	5.9	6.0	5.8	5.8	5.5	6.4	5.2
* RELIANT II	5.0	1.4	5.4	5.4	5.2	6.1	6.5	5.8	5.5	2.2	4.6	4.8	7.0	1.6	7.4	5.2	7.7	5.6	5.0	6.9	5.2
* FLYER II (ZPS-4BN)	3.9	1.0	6.8	6.2	4.4	5.6	7.0	4.5	7.2	3.5	6.0	5.4	5.5	3.4	5.1	5.5	4.9	5.7	5.8	6.7	5.2
ISI-FC-62	3.9	3.1	6.4	5.6	4.6	5.8	7.5	5.5	6.8	3.0	4.3	4.7	4.4	3.2	5.4	5.6	5.4	5.9	5.5	6.3	5.1
* BANNER II	4.4	1.9	6.2	5.6	4.8	5.5	7.1	5.8	6.8	3.7	3.8	4.7	5.5	2.7	5.6	5.9	5.5	5.1	5.3	6.6	5.1
* VICTORY (E)	4.5	3.3	6.8	5.6	5.3	5.5	7.3	5.7	5.7	3.2	3.9	4.3	4.4	3.5	6.1	5.4	5.3	5.3	5.2	6.0	5.1
* K-2 (MB 65-93)	4.4	2.7	6.9	5.8	5.6	6.0	6.0	6.0	6.7	3.1	4.1	2.8	4.2	3.2	6.0	6.1	5.3	5.7	5.7	5.9	5.1
WX3-FFG6	4.3	2.7	6.4	5.3	3.8	5.5	6.0	6.0	6.5	2.8	4.0	5.3	5.8	3.4	6.0	5.6	5.4	5.9	5.2	6.4	5.1
DEFIANCE (MB 81-93)	5.2	1.3	5.1	5.2	4.6	5.3	6.0	5.7	6.0	2.5	5.0	5.3	6.4	1.1	7.0	5.6	7.0	4.8	5.7	6.9	5.1
* OSPREY (PRO 92/24)	5.5	1.9	6.3	4.8	4.8	5.7	6.8	5.4	6.0	1.7	4.4	4.8	4.9	1.1	7.0	5.6	7.2	5.9	5.4	6.0	5.1
* SHADOW (E)	4.3	1.9	6.2	5.6	4.6	5.2	5.7	6.0	6.3	3.3	4.4	4.4	4.9	3.6	5.7	5.8	5.0	5.5	5.5	6.3	5.0
* ECOSTAR	5.1	1.4	5.2	5.5	4.3	5.4	5.6	5.4	5.9	2.3	5.1	3.9	6.7	1.5	6.4	5.3	7.1	5.8	5.4	6.4	5.0
* SPARTAN	5.1	2.4	5.0	5.7	5.0	5.3	6.0	5.5	6.3	2.1	4.4	4.3	7.7	1.0	6.4	4.2	6.8	5.2	4.9	6.5	5.0
* NORDIC	5.1	1.6	4.7	5.7	4.3	5.5	4.9	5.8	6.0	2.0	4.8	4.5	6.6	1.6	7.2	3.9	7.0	5.9	5.2	6.5	4.9
* AURORA W/ENDO.	5.4	1.3	4.7	5.4	3.3	5.9	4.7	5.3	6.0	2.3	5.3	4.0	7.0	1.0	5.9	4.4	7.0	5.8	5.4	6.8	4.8
* VERNON (MB 83-93)	5.1	1.5	4.6	5.2	3.8	5.5	5.1	5.5	5.9	2.0	4.3	4.3	6.5	1.0	6.5	5.6	6.8	5.5	4.7	6.7	4.8
* JAMESTOWN	3.9	2.1	5.8	5.2	5.2	5.3	5.6	5.8	6.4	3.6	3.3	3.9	4.6	2.6	4.9	5.3	5.0	5.4	5.6	6.7	4.8
* FLYER	2.9	1.0	6.0	5.7	4.9	6.2	5.4	4.6	6.1	3.3	4.1	4.7	5.5	3.1	5.0	5.0	4.9	5.3	5.3	6.3	4.8
* ARUBA	3.3	1.0	7.7	5.3	4.2	5.8	6.5	5.0	6.2	3.0	4.4	3.5	5.7	3.1	4.8	4.5	4.6	5.4	5.0	6.5	4.8
CAS-FR13	3.3	1.0	6.6	5.2	5.0	6.2	6.0	4.5	6.4	3.2	3.2	4.7	5.9	3.3	4.5	4.9	4.4	5.0	5.4	6.5	4.8
MB 66-93	3.8	1.4	6.5	5.4	5.8	5.5	5.8	5.7	5.5	3.0	3.9	2.4	3.6	2.8	5.9	5.7	4.4	5.8	5.5	6.4	4.7
* BRIGADE	4.0	2.8	4.8	4.9	3.2	5.5	5.2	5.2	5.1	2.1	4.2	4.3	7.0	1.4	6.7	4.0	6.6	5.8	5.2	6.4	4.7
* QUATRO (FO 143)	4.4	1.1	5.1	4.9	4.8	5.0	2.8	5.7	6.0	2.0	4.4	3.7	6.7	1.5	6.4	3.8	6.6	6.5	5.2	6.4	4.6
* MOLINDA	3.9	1.2	6.7	5.6	4.1	5.7	3.7	5.6	6.5	2.8	3.5	3.0	3.9	3.4	5.4	5.4	4.5	5.0	5.5	6.5	4.6
DARWIN	3.9	1.4	6.3	5.1	3.9	5.3	1.0	6.2	6.8	3.3	3.4	3.7	.	2.7	6.2	5.3	4.4	6.0	6.0	6.3	4.6
* SEABREEZE	2.9	1.0	6.5	6.1	3.8	5.4	1.0	5.5	5.9	2.7	4.0	4.5	5.0	2.9	5.5	5.0	5.6	5.3	5.4	6.1	4.5
* PAMELA	4.4	1.4	4.7	5.3	4.5	4.7	4.3	5.2	5.4	2.0	3.7	3.5	6.8	1.3	6.8	3.8	6.2	5.0	4.4	6.1	4.5
* MEDINA	3.5	1.0	6.6	5.3	3.8	5.2	2.2	5.5	6.2	3.3	3.9	3.2	3.6	2.9	6.1	5.3	4.4	5.5	5.8	6.3	4.5

TABLE 1A. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
BAR FRR 4ZBD	1.9	1.0	6.7	5.4	3.9	5.9	5.5	4.6	6.0	3.1	3.5	3.8	4.4	3.5	4.2	3.9	4.1	5.3	5.8	6.2	4.4
* SCALDIS	4.3	1.2	4.4	5.7	3.8	5.0	4.1	4.9	6.0	1.7	3.9	4.1	5.9	1.0	6.6	3.8	7.0	4.8	4.2	5.9	4.4
BAR UR 204	3.4	1.0	6.7	4.6	4.2	5.7	5.9	3.9	5.6	2.9	2.7	4.0	4.4	3.7	4.4	3.9	3.8	4.5	5.0	5.1	4.3
* CASCADE	3.5	2.0	5.1	5.4	4.3	5.1	4.6	4.4	6.0	3.5	2.4	2.9	4.5	2.6	4.8	4.0	3.8	5.0	5.0	5.9	4.2
* RONDO	2.9	1.0	7.9	5.7	3.7	5.0	1.4	4.6	5.8	1.9	3.7	3.4	4.2	3.1	4.4	4.7	4.9	4.8	5.1	6.1	4.2
* COMMON CREEPING	2.1	1.1	7.0	5.2	4.8	5.4	3.2	4.1	5.8	2.5	2.7	3.6	5.2	2.8	3.9	3.8	3.8	5.0	5.1	5.7	4.1
* DAWSON	3.4	1.0	5.5	6.3	3.7	4.6	1.0	4.3	5.8	1.7	3.7	3.5	4.3	2.9	4.2	4.5	5.5	4.2	5.2	5.8	4.0
* SILVERLAWN (WVPB-STCR-101)	2.5	1.1	5.5	3.9	3.7	5.0	4.8	3.8	6.1	2.6	2.5	3.7	4.7	3.3	3.6	3.5	3.4	4.3	3.4	5.7	3.8
67135	2.3	1.0	3.9	3.2	5.1	5.3	2.6	4.1	4.6	2.2	2.0	3.9	.	1.5	3.5	3.5	2.4	2.7	3.5	6.3	3.3
LSD VALUE	0.9	1.0	1.0	0.8	1.5	0.8	1.3	0.8	0.8	0.8	0.7	1.1	1.4	0.9	0.8	0.7	0.5	0.8	0.6	0.5	0.2
C.V. (%)	13.2	34.0	10.0	9.0	19.4	8.8	13.7	9.5	7.9	16.6	10.2	16.0	14.1	20.3	8.9	8.4	5.4	8.8	7.5	4.8	11.4

TABLE 1B.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SEABREEZE	2.9	1.0	6.5	6.1	3.8	5.4	1	5.5	5.9	2.7	4.0	4.5	5.0	2.9	5.5	5.0	5.6	5.3	5.4	6.1	4.5
DAWSON	3.4	1.0	5.5	6.3	3.7	4.6	1	4.3	5.8	1.7	3.7	3.5	4.3	2.9	4.2	4.5	5.5	4.2	5.2	5.8	4.0
LSD VALUE	0.7	0.1	1.4	0.7	2.1	1.2	0	1.0	0.8	0.6	0.5	0.7	1.7	0.8	1.7	0.9	0.5	0.7	0.3	0.5	0.2
C.V. (%)	14.5	3.4	14.2	7.2	35.2	15.4	0	12.1	8.4	16.6	8.2	11.6	19.8	16.9	22.1	11.7	5.2	9.1	3.7	5.5	14.2

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
QUATRO (FO 143)	4.4	1.1	5.1	4.9	4.8	5.0	2.8	5.7	6.0	2.0	4.4	3.7	6.7	1.5	6.4	3.8	6.6	6.5	5.2	6.4	4.6
67135	2.3	1.0	3.9	3.2	5.1	5.3	2.6	4.1	4.6	2.2	2.0	3.9	.	1.5	3.5	3.5	2.4	2.7	3.5	6.3	3.3
LSD VALUE	1.3	0.1	1.3	1.1	1.1	1.1	2.4	1.5	0.4	0.8	1.3	2.0	1.2	0.9	1.2	1.3	0.2	0.6	1.1	0.4	0.3
C.V. (%)	24.3	7.3	18.4	16.2	13.2	13.9	55.2	19.0	4.8	24.9	25.3	33.5	11.3	39.7	14.6	21.6	2.8	8.8	15.9	4.1	18.6

* COMMERCIALY AVAILABLE IN THE USA IN 1997.

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

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

TABLE 1D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA

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

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SR 5100	4.5	4.8	6.5	5.8	5.6	5.8	7.8	5.7	7.0	3.4	5.1	5.2	6.7	3.5	6.2	6.5	5.9	6.1	5.4	6.4	5.7
BRITTANY	4.5	3.6	6.4	6.2	6.0	6.2	7.8	6.3	6.6	3.3	5.6	5.2	6.6	4.0	5.7	5.4	6.3	5.9	5.3	6.4	5.7
BANNER III (MB 61-93)	4.6	2.8	6.6	5.7	5.6	6.1	8.1	6.5	6.8	3.3	5.4	5.3	6.3	3.7	6.2	5.9	6.0	6.0	5.4	6.6	5.6
SHADOW II (PST-44D)	4.7	2.1	7.4	5.8	6.0	5.9	7.7	6.3	6.5	3.3	5.5	6.3	4.7	3.4	6.7	6.3	6.6	5.3	5.4	6.0	5.6
VICTORY II (PICK 4-91W)	4.5	2.2	6.8	5.9	5.4	6.0	7.6	6.0	7.1	3.4	5.3	4.9	6.3	3.8	5.8	6.2	6.2	5.9	5.4	6.5	5.6
NJ F-93	4.3	2.7	6.6	5.6	5.1	5.8	7.6	6.0	7.4	3.2	5.7	5.8	6.6	3.4	5.7	5.8	6.1	6.2	5.9	6.0	5.6
CULUMBRA (MB 64-93)	4.1	2.0	6.6	5.9	5.8	6.2	7.9	5.9	7.1	3.1	5.1	5.0	5.7	3.6	6.0	6.0	5.8	5.8	6.0	6.7	5.5
BRIDGEPORT	4.7	4.1	6.4	5.7	5.0	5.4	7.7	5.6	6.4	3.4	5.2	5.2	5.7	4.0	6.0	5.4	5.5	5.9	5.4	7.3	5.5
TIFFANY	4.4	2.4	6.9	5.8	5.5	6.0	7.6	5.9	6.2	3.3	4.7	5.1	4.4	3.8	6.3	6.2	5.8	5.8	5.5	6.7	5.4
ECO (MB 63-93)	4.6	2.8	6.3	5.8	5.7	6.0	7.9	5.6	6.3	3.5	5.2	4.0	5.4	3.7	5.8	6.0	5.6	6.1	5.7	5.9	5.4
TREAZURE (ZPS-MG)	4.6	2.6	6.6	5.7	5.2	5.7	5.8	6.0	6.3	3.5	5.4	4.3	7.1	3.4	6.1	5.8	5.5	5.3	5.4	6.8	5.3
WX3-FF54	4.6	3.4	6.3	5.9	5.1	6.0	5.0	6.0	6.7	3.0	4.9	3.7	6.9	2.7	5.6	6.0	5.9	6.3	5.6	6.5	5.3
SANDPIPER (PRO 92/20)	4.4	3.5	6.6	5.6	5.6	5.7	7.2	5.9	6.7	3.6	4.1	4.3	5.4	3.3	5.7	5.9	5.7	5.4	5.4	6.1	5.3
TMI-3CE	4.6	3.0	5.9	5.7	4.8	6.1	6.8	5.8	6.4	3.1	5.0	4.4	5.3	3.5	6.2	5.9	5.8	5.5	5.0	6.1	5.2
JAMESTOWN II	4.1	2.5	6.4	5.3	5.4	5.8	6.5	5.6	6.4	3.6	3.7	4.1	6.2	3.5	5.9	6.0	5.8	5.8	5.5	6.4	5.2
ISI-FC-62	3.9	3.1	6.4	5.6	4.6	5.8	7.5	5.5	6.8	3.0	4.3	4.7	4.4	3.2	5.4	5.6	5.4	5.9	5.5	6.3	5.1
BANNER II	4.4	1.9	6.2	5.6	4.8	5.5	7.1	5.8	6.8	3.7	3.8	4.7	5.5	2.7	5.6	5.9	5.5	5.1	5.3	6.6	5.1
VICTORY (E)	4.5	3.3	6.8	5.6	5.3	5.5	7.3	5.7	5.7	3.2	3.9	4.3	4.4	3.5	6.1	5.4	5.3	5.3	5.2	6.0	5.1
K-2 (MB 65-93)	4.4	2.7	6.9	5.8	5.6	6.0	6.0	6.0	6.7	3.1	4.1	2.8	4.2	3.2	6.0	6.1	5.3	5.7	5.7	5.9	5.1
SHADOW (E)	4.3	1.9	6.2	5.6	4.6	5.2	5.7	6.0	6.3	3.3	4.4	4.4	4.9	3.6	5.7	5.8	5.0	5.5	5.5	6.3	5.0
JAMESTOWN	3.9	2.1	5.8	5.2	5.2	5.3	5.6	5.8	6.4	3.6	3.3	3.9	4.6	2.6	4.9	5.3	5.0	5.4	5.6	6.7	4.8
MB 66-93	3.8	1.4	6.5	5.4	5.8	5.5	5.8	5.7	5.5	3.0	3.9	2.4	3.6	2.8	5.9	5.7	4.4	5.8	5.5	6.4	4.7
MOLINDA	3.9	1.2	6.7	5.6	4.1	5.7	3.7	5.6	6.5	2.8	3.5	3.0	3.9	3.4	5.4	5.4	4.5	5.0	5.5	6.5	4.6
DARWIN	3.9	1.4	6.3	5.1	3.9	5.3	1.0	6.2	6.8	3.3	3.4	3.7	.	2.7	6.2	5.3	4.4	6.0	6.0	6.3	4.6
MEDINA	3.5	1.0	6.6	5.3	3.8	5.2	2.2	5.5	6.2	3.3	3.9	3.2	3.6	2.9	6.1	5.3	4.4	5.5	5.8	6.3	4.5
CASCADE	3.5	2.0	5.1	5.4	4.3	5.1	4.6	4.4	6.0	3.5	2.4	2.9	4.5	2.6	4.8	4.0	3.8	5.0	5.0	5.9	4.2
LSD VALUE	0.5	1.4	0.8	0.6	1.4	0.8	1.3	0.6	0.7	0.7	0.6	1.2	1.7	0.9	0.6	0.6	0.4	0.7	0.5	0.5	0.2
C.V. (%)	7.6	33.1	7.4	6.5	17.3	8.4	12.8	6.8	6.8	12.3	8.6	17.0	16.5	17.5	6.7	6.6	4.6	7.7	5.3	5.2	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 MEANS IN EACH COLUMN.

TABLE 1E.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
PST-4VB ENDO.	3.4	1.0	7.4	6.4	4.8	6.0	7.5	5.9	7.3	3.4	6.8	6.1	6.5	4.1	5.6	6.2	6.2	6.0	5.7	6.1	5.6
PST-4ST	3.6	1.0	7.3	5.8	4.8	5.5	7.4	5.4	6.8	3.2	5.7	6.0	7.0	3.1	5.6	5.6	6.1	5.7	5.8	6.5	5.4
PST-4DT	3.1	1.0	7.3	5.6	5.0	5.8	7.8	6.2	6.6	3.2	5.7	5.1	6.7	3.7	5.3	5.2	5.5	5.7	5.7	6.5	5.3
SHADEMASTER II	2.6	1.0	7.4	5.7	5.5	6.5	7.5	5.1	7.1	3.9	5.9	4.8	6.5	3.5	5.2	5.1	5.5	5.9	5.5	6.5	5.3
JASPER (E)	3.4	1.1	7.2	5.1	4.6	6.0	7.6	5.7	6.2	3.2	5.0	5.6	7.0	3.5	5.7	5.4	5.4	5.6	5.3	6.3	5.2
FLYER II (ZPS-4BN)	3.9	1.0	6.8	6.2	4.4	5.6	7.0	4.5	7.2	3.5	6.0	5.4	5.5	3.4	5.1	5.5	4.9	5.7	5.8	6.7	5.2
WX3-FFG6	4.3	2.7	6.4	5.3	3.8	5.5	6.0	6.0	6.5	2.8	4.0	5.3	5.8	3.4	6.0	5.6	5.4	5.9	5.2	6.4	5.1
FLYER	2.9	1.0	6.0	5.7	4.9	6.2	5.4	4.6	6.1	3.3	4.1	4.7	5.5	3.1	5.0	5.0	4.9	5.3	5.3	6.3	4.8
ARUBA	3.3	1.0	7.7	5.3	4.2	5.8	6.5	5.0	6.2	3.0	4.4	3.5	5.7	3.1	4.8	4.5	4.6	5.4	5.0	6.5	4.8
CAS-FR13	3.3	1.0	6.6	5.2	5.0	6.2	6.0	4.5	6.4	3.2	3.2	4.7	5.9	3.3	4.5	4.9	4.4	5.0	5.4	6.5	4.8
BAR FRR 4ZED	1.9	1.0	6.7	5.4	3.9	5.9	5.5	4.6	6.0	3.1	3.5	3.8	4.4	3.5	4.2	3.9	4.1	5.3	5.8	6.2	4.4
BAR UR 204	3.4	1.0	6.7	4.6	4.2	5.7	5.9	3.9	5.6	2.9	2.7	4.0	4.4	3.7	4.4	3.9	3.8	4.5	5.0	5.1	4.3
RONDO	2.9	1.0	7.9	5.7	3.7	5.0	1.4	4.6	5.8	1.9	3.7	3.4	4.2	3.1	4.4	4.7	4.9	4.8	5.1	6.1	4.2
COMMON CREEPING	2.1	1.1	7.0	5.2	4.8	5.4	3.2	4.1	5.8	2.5	2.7	3.6	5.2	2.8	3.9	3.8	3.8	5.0	5.1	5.7	4.1
SILVERLAWN (WVPB-STCR-101)	2.5	1.1	5.5	3.9	3.7	5.0	4.8	3.8	6.1	2.6	2.5	3.7	4.7	3.3	3.6	3.5	3.4	4.3	3.4	5.7	3.8
LSD VALUE	0.9	0.4	0.8	0.7	1.2	0.8	0.9	0.8	0.6	1.0	0.6	0.8	0.9	1.0	0.9	0.6	0.7	0.6	0.5	0.4	0.2
C.V. (%)	17.5	20.2	7.1	7.6	17.0	9.1	9.6	9.8	5.8	20.2	8.4	10.2	9.3	18.9	11.6	7.9	8.3	6.9	6.2	4.4	10.0

TABLE 1F.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA

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

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
DISCOVERY	5.0	2.5	6.2	5.6	3.8	5.9	6.6	6.0	6.0	2.3	6.5	6.1	6.8	1.8	6.9	4.9	7.4	5.7	5.5	6.7	5.4
MB 82-93	4.1	2.0	6.2	5.7	4.3	5.5	7.2	5.9	6.0	3.2	5.1	4.9	6.7	2.0	6.3	5.9	6.6	5.9	5.5	6.3	5.3
SR 3100	5.7	1.7	5.4	5.6	3.8	5.9	6.0	5.9	5.8	1.6	6.3	5.6	7.0	1.0	7.2	6.0	7.9	4.8	5.6	6.1	5.2
RELIANT II	5.0	1.4	5.4	5.4	5.2	6.1	6.5	5.8	5.5	2.2	4.6	4.8	7.0	1.6	7.4	5.2	7.7	5.6	5.0	6.9	5.2
DEFIANCE (MB 81-93)	5.2	1.3	5.1	5.2	4.6	5.3	6.0	5.7	6.0	2.5	5.0	5.3	6.4	1.1	7.0	5.6	7.0	4.8	5.7	6.9	5.1
OSPREY (PRO 92/24)	5.5	1.9	6.3	4.8	4.8	5.7	6.8	5.4	6.0	1.7	4.4	4.8	4.9	1.1	7.0	5.6	7.2	5.9	5.4	6.0	5.1
ECOSTAR	5.1	1.4	5.2	5.5	4.3	5.4	5.6	5.4	5.9	2.3	5.1	3.9	6.7	1.5	6.4	5.3	7.1	5.8	5.4	6.4	5.0
SPARTAN	5.1	2.4	5.0	5.7	5.0	5.3	6.0	5.5	6.3	2.1	4.4	4.3	7.7	1.0	6.4	4.2	6.8	5.2	4.9	6.5	5.0
NORDIC	5.1	1.6	4.7	5.7	4.3	5.5	4.9	5.8	6.0	2.0	4.8	4.5	6.6	1.6	7.2	3.9	7.0	5.9	5.2	6.5	4.9
AURORA W/ENDO.	5.4	1.3	4.7	5.4	3.3	5.9	4.7	5.3	6.0	2.3	5.3	4.0	7.0	1.0	5.9	4.4	7.0	5.8	5.4	6.8	4.8
VERNON (MB 83-93)	5.1	1.5	4.6	5.2	3.8	5.5	5.1	5.5	5.9	2.0	4.3	4.3	6.5	1.0	6.5	5.6	6.8	5.5	4.7	6.7	4.8
BRIGADE	4.0	2.8	4.8	4.9	3.2	5.5	5.2	5.2	5.1	2.1	4.2	4.3	7.0	1.4	6.7	4.0	6.6	5.8	5.2	6.4	4.7
PAMELA	4.4	1.4	4.7	5.3	4.5	4.7	4.3	5.2	5.4	2.0	3.7	3.5	6.8	1.3	6.8	3.8	6.2	5.0	4.4	6.1	4.5
SCALDIS	4.3	1.2	4.4	5.7	3.8	5.0	4.1	4.9	6.0	1.7	3.9	4.1	5.9	1.0	6.6	3.8	7.0	4.8	4.2	5.9	4.4
LSD VALUE	1.2	1.0	1.4	1.1	1.7	0.6	1.4	1.0	1.1	0.7	0.9	1.3	1.5	0.7	0.8	0.8	0.5	1.1	0.9	0.5	0.2
C.V. (%)	15.5	34.8	16.6	13.2	24.9	7.1	15.4	11.6	11.8	20.7	12.1	17.0	13.7	33.9	7.4	10.2	4.2	12.0	11.1	4.4	13.3

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 MEANS IN EACH COLUMN.

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SR 5100	4.7	4.7	5.4	5.4	5.8	5.5	5.5	5.4	5.8	6.1	5.7	5.5	5.7
BRITTANY	4.0	4.3	5.1	5.5	5.7	5.4	5.3	5.2	5.9	6.2	5.5	5.3	5.7
BANNER III (MB 61-93)	3.5	3.7	4.8	5.3	5.8	5.4	5.2	5.4	5.9	6.1	5.7	4.9	5.6
PST-4VB ENDO.	2.7	2.5	3.4	4.8	5.6	5.2	5.7	5.7	5.8	6.1	5.7	4.7	5.6
SHADOW II (PST-44D)	3.7	3.3	4.9	5.2	5.6	5.3	5.3	5.3	5.8	6.1	5.5	5.1	5.6
VICTORY II (PICK 4-91W)	3.5	3.8	4.8	5.3	5.7	5.5	5.3	5.2	5.6	6.0	5.2	4.3	5.6
NJ F-93	3.5	3.7	4.8	5.5	5.8	5.4	5.2	5.1	5.6	5.9	5.8	5.3	5.6
CULUMBRA (MB 64-93)	3.0	3.2	4.8	5.2	5.7	5.4	5.2	5.3	5.4	5.9	5.1	4.8	5.5
BRIDGEPORT	4.2	4.3	5.1	5.6	5.6	5.3	5.1	5.1	5.6	6.0	5.4	5.5	5.5
TIFFANY	3.7	3.8	4.8	5.3	5.4	5.0	5.0	5.2	5.6	5.9	5.2	4.6	5.4
DISCOVERY	3.5	3.5	3.7	4.8	5.8	5.6	5.5	5.2	5.5	5.6	5.2	5.3	5.4
ECO (MB 63-93)	3.7	4.0	5.2	5.3	5.6	5.1	4.9	5.1	5.3	5.9	5.3	5.0	5.4
PST-4ST	2.3	2.5	4.1	4.9	5.4	5.1	5.4	5.1	5.3	5.8	5.4	4.6	5.4
PST-4DT	2.3	2.3	3.8	4.6	5.4	5.1	5.1	5.2	5.6	5.8	5.0	3.8	5.3
SHADEMASTER II	2.2	2.2	3.7	4.8	5.4	5.3	5.1	5.1	5.2	5.7	5.0	3.9	5.3
TREASURE (ZPS-MG)	3.5	3.7	3.7	4.9	5.4	5.1	5.1	5.1	5.4	5.7	5.0	4.5	5.3
SANDPIPER (PRO 92/20)	4.3	4.3	4.7	5.0	5.3	5.1	5.1	5.1	5.2	5.8	5.0	4.3	5.3
WX3-FF54	4.0	4.2	3.3	4.8	5.4	5.0	5.0	5.1	5.4	5.7	5.5	4.6	5.3
MB 82-93	3.2	3.3	4.3	4.8	5.4	5.1	5.0	5.0	5.4	5.6	5.2	4.7	5.3
TMI-3CE	3.8	4.0	4.3	4.8	5.5	5.1	4.9	5.1	5.2	5.6	5.3	4.7	5.2
JASPER (E)	2.3	2.3	3.9	4.4	5.1	5.0	5.0	5.1	5.6	5.9	5.1	3.7	5.2
SR 3100	4.0	4.0	3.3	4.6	5.6	5.5	5.3	4.8	5.1	5.6	5.3	5.0	5.2
RELIANT II	3.3	3.3	3.7	4.3	5.5	5.4	5.2	4.9	5.1	5.4	4.9	4.3	5.2
JAMESTOWN II	3.2	3.7	4.0	4.8	5.1	5.1	5.0	5.0	5.2	5.8	4.8	3.7	5.2
FLYER II (ZPS-4BN)	2.7	2.7	3.9	4.7	5.5	5.2	4.9	5.0	5.2	5.6	4.9	4.2	5.2
ISI-FC-62	3.3	3.7	5.0	4.9	5.4	5.1	4.8	4.7	5.1	5.5	5.2	4.9	5.2
VICTORY (E)	4.0	4.2	4.8	4.9	5.1	4.9	4.8	5.0	5.3	5.5	4.8	4.5	5.1
K-2 (MB 65-93)	3.3	3.7	3.8	4.8	5.4	5.0	4.8	4.9	4.9	5.4	4.8	4.1	5.1
BANNER II	3.0	3.7	4.0	4.8	5.1	4.9	4.8	4.9	5.2	5.7	4.7	4.3	5.1
WX3-FFG6	3.7	4.0	3.9	4.9	5.2	5.0	4.8	4.8	5.2	5.5	5.2	4.4	5.1
OSPREY (PRO 92/24)	3.8	3.7	3.8	4.7	5.4	5.2	5.1	4.9	4.9	5.1	4.8	4.6	5.1
DEFIANCE (MB 81-93)	3.3	3.3	3.2	4.4	5.3	5.1	4.9	4.8	5.2	5.2	5.2	4.7	5.1
SHADOW (E)	3.5	3.5	3.9	5.1	5.1	4.8	4.6	4.7	5.1	5.4	4.6	4.2	5.0
ECOSTAR	3.5	3.5	3.2	4.6	5.3	5.2	5.0	4.9	4.9	4.9	4.8	4.1	5.0
SPARTAN	4.0	3.8	3.6	4.2	5.4	5.1	5.0	4.7	4.6	5.0	5.3	4.8	5.0
NORDIC	3.3	3.5	2.6	4.3	5.2	5.0	5.1	4.7	4.9	5.0	4.9	4.4	4.9
AURORA W/ENDO.	3.5	3.8	2.4	4.4	5.2	5.1	4.9	4.7	4.7	5.0	4.7	4.0	4.8
JAMESTOWN	3.3	3.0	3.7	4.6	5.0	4.8	4.4	4.5	4.7	5.1	4.3	3.8	4.8
VERNON (MB 83-93)	3.5	3.5	2.9	4.1	5.3	5.0	4.8	4.5	4.6	4.8	4.7	4.4	4.8
FLYER	2.0	2.0	2.8	4.1	4.8	4.6	4.5	4.5	4.7	5.3	4.5	4.2	4.8
ARUBA	2.3	2.3	3.7	4.1	4.5	4.8	4.7	4.9	4.8	5.0	4.5	2.9	4.8
MB 66-93	2.7	3.0	3.3	4.1	5.0	4.7	4.4	4.6	4.5	4.9	4.3	3.5	4.7
CAS-FR13	2.5	2.3	3.3	4.4	4.8	4.7	4.4	4.4	4.4	5.1	4.5	3.6	4.7
BRIGADE	3.2	3.7	3.2	4.4	5.0	4.9	4.6	4.5	4.6	4.8	4.8	4.3	4.7
QUATRO (FO 143)	3.3	2.8	2.6	4.0	4.9	4.9	4.6	4.6	4.3	4.5	4.8	3.6	4.6
MOLINDA	2.7	2.7	2.4	4.1	4.8	4.5	4.4	4.4	4.5	4.8	4.2	3.6	4.6
DARWIN	2.7	3.0	2.0	4.1	4.9	4.6	4.4	4.3	4.3	4.6	4.4	3.6	4.6
MEDINA	2.3	2.5	1.9	4.3	4.9	4.3	4.1	4.2	4.3	4.7	4.4	3.3	4.5
SEABREEZE	2.0	2.2	1.4	3.8	4.4	4.4	4.5	4.6	4.5	4.8	4.3	2.8	4.5
PAMELA	2.7	3.0	2.4	3.9	4.7	4.5	4.5	4.5	4.3	4.5	4.1	3.5	4.5
BAR FRR 4ZBD	1.5	1.5	2.8	3.8	4.6	4.3	4.2	4.3	4.3	4.9	3.7	3.3	4.4

TABLE 2A. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SCALDIS	3.0	2.7	2.1	3.9	4.8	4.7	4.3	4.4	4.1	4.3	4.4	3.6	4.4
BAR UR 204	2.3	2.5	3.6	3.8	4.1	3.9	4.1	4.2	4.3	4.9	3.8	3.1	4.3
CASCADE	3.0	3.3	3.8	3.9	4.2	4.3	3.9	4.1	4.2	4.5	3.7	3.1	4.2
RONDO	2.5	2.5	1.6	3.5	4.3	4.3	4.1	4.1	4.0	4.5	3.6	2.5	4.2
COMMON CREEPING	2.2	1.7	1.7	3.4	4.4	4.2	3.9	3.9	3.9	4.2	3.8	2.7	4.1
DAWSON	2.7	2.8	1.7	3.4	4.0	4.2	4.0	3.9	3.9	4.1	3.8	3.0	4.0
SILVERLAWN (WVPB-STCR-101)	1.7	1.8	2.9	3.3	4.1	3.9	3.7	3.6	3.6	4.0	3.5	2.8	3.8
67135	1.7	2.0	2.0	2.6	3.4	3.3	3.1	3.3	3.4	3.3	2.9	2.6	3.3
LSD VALUE	1.9	1.8	1.8	0.8	0.6	0.6	0.6	0.6	0.7	0.7	1.0	1.4	0.5

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SEABREEZE	2.0	2.2	1.4	3.8	4.4	4.4	4.5	4.6	4.5	4.8	4.3	2.8	4.5
DAWSON	2.7	2.8	1.7	3.4	4.0	4.2	4.0	3.9	3.9	4.1	3.8	3.0	4.0
LSD VALUE	1.8	2.0	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	0.6

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
QUATRO (FO 143)	3.3	2.8	2.6	4.0	4.9	4.9	4.6	4.6	4.3	4.5	4.8	3.6	4.6
67135	1.7	2.0	2.0	2.6	3.4	3.3	3.1	3.3	3.4	3.3	2.9	2.6	3.3
LSD VALUE	2.3	2.2	1.4	0.8	0.6	0.7	0.6	0.7	0.7	0.8	1.0	1.5	0.6

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).

TABLE 2D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SR 5100	4.7	4.7	5.4	5.4	5.8	5.5	5.5	5.4	5.8	6.1	5.7	5.5	5.7
BRITTANY	4.0	4.3	5.1	5.5	5.7	5.4	5.3	5.2	5.9	6.2	5.5	5.3	5.7
BANNER III (MB 61-93)	3.5	3.7	4.8	5.3	5.8	5.4	5.2	5.4	5.9	6.1	5.7	4.9	5.6
SHADOW II (PST-44D)	3.7	3.3	4.9	5.2	5.6	5.3	5.3	5.3	5.8	6.1	5.5	5.1	5.6
VICTORY II (PICK 4-91W)	3.5	3.8	4.8	5.3	5.7	5.5	5.3	5.2	5.6	6.0	5.2	4.3	5.6
NJ F-93	3.5	3.7	4.8	5.5	5.8	5.4	5.2	5.1	5.6	5.9	5.8	5.3	5.6
CULUMBRA (MB 64-93)	3.0	3.2	4.8	5.2	5.7	5.4	5.2	5.3	5.4	5.9	5.1	4.8	5.5
BRIDGEPORT	4.2	4.3	5.1	5.6	5.6	5.3	5.1	5.1	5.6	6.0	5.4	5.5	5.5
TIFFANY	3.7	3.8	4.8	5.3	5.4	5.0	5.0	5.2	5.6	5.9	5.2	4.6	5.4
ECO (MB 63-93)	3.7	4.0	5.2	5.3	5.6	5.1	4.9	5.1	5.3	5.9	5.3	5.0	5.4
TREAZURE (ZPS-MG)	3.5	3.7	3.7	4.9	5.4	5.1	5.1	5.1	5.4	5.7	5.0	4.5	5.3
SANDPIPER (PRO 92/20)	4.3	4.3	4.7	5.0	5.3	5.1	5.1	5.1	5.2	5.8	5.0	4.3	5.3
WX3-FF54	4.0	4.2	3.3	4.8	5.4	5.0	5.0	5.1	5.4	5.7	5.5	4.6	5.3
TMI-3CE	3.8	4.0	4.3	4.8	5.5	5.1	4.9	5.1	5.2	5.6	5.3	4.7	5.2
JAMESTOWN II	3.2	3.7	4.0	4.8	5.1	5.1	5.0	5.0	5.2	5.8	4.8	3.7	5.2
ISI-FC-62	3.3	3.7	5.0	4.9	5.4	5.1	4.8	4.7	5.1	5.5	5.2	4.9	5.2
VICTORY (E)	4.0	4.2	4.8	4.9	5.1	4.9	4.8	5.0	5.3	5.5	4.8	4.5	5.1
K-2 (MB 65-93)	3.3	3.7	3.8	4.8	5.4	5.0	4.8	4.9	4.9	5.4	4.8	4.1	5.1
BANNER II	3.0	3.7	4.0	4.8	5.1	4.9	4.8	4.9	5.2	5.7	4.7	4.3	5.1
SHADOW (E)	3.5	3.5	3.9	5.1	5.1	4.8	4.6	4.7	5.1	5.4	4.6	4.2	5.0
JAMESTOWN	3.3	3.0	3.7	4.6	5.0	4.8	4.4	4.5	4.7	5.1	4.3	3.8	4.8
MB 66-93	2.7	3.0	3.3	4.1	5.0	4.7	4.4	4.6	4.5	4.9	4.3	3.5	4.7
MOLINDA	2.7	2.7	2.4	4.1	4.8	4.5	4.4	4.4	4.5	4.8	4.2	3.6	4.6
DARWIN	2.7	3.0	2.0	4.1	4.9	4.6	4.4	4.3	4.3	4.6	4.4	3.6	4.6
MEDINA	2.3	2.5	1.9	4.3	4.9	4.3	4.1	4.2	4.3	4.7	4.4	3.3	4.5
CASCADE	3.0	3.3	3.8	3.9	4.2	4.3	3.9	4.1	4.2	4.5	3.7	3.1	4.2
LSD VALUE	1.7	1.4	1.9	0.8	0.6	0.5	0.6	0.6	0.6	0.7	0.9	1.2	0.5

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).

TABLE 2E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
EST-4VB ENDO.	2.7	2.5	3.4	4.8	5.6	5.2	5.7	5.7	5.8	6.1	5.7	4.7	5.6
EST-4ST	2.3	2.5	4.1	4.9	5.4	5.1	5.4	5.1	5.3	5.8	5.4	4.6	5.4
EST-4DT	2.3	2.3	3.8	4.6	5.4	5.1	5.1	5.2	5.6	5.8	5.0	3.8	5.3
SHADEMASTER II	2.2	2.2	3.7	4.8	5.4	5.3	5.1	5.1	5.2	5.7	5.0	3.9	5.3
JASPER (E)	2.3	2.3	3.9	4.4	5.1	5.0	5.0	5.1	5.6	5.9	5.1	3.7	5.2
FLYER II (ZPS-4BN)	2.7	2.7	3.9	4.7	5.5	5.2	4.9	5.0	5.2	5.6	4.9	4.2	5.2
WX3-FFG6	3.7	4.0	3.9	4.9	5.2	5.0	4.8	4.8	5.2	5.5	5.2	4.4	5.1
FLYER	2.0	2.0	2.8	4.1	4.8	4.6	4.5	4.5	4.7	5.3	4.5	4.2	4.8
ARUBA	2.3	2.3	3.7	4.1	4.5	4.8	4.7	4.9	4.8	5.0	4.5	2.9	4.8
CAS-FR13	2.5	2.3	3.3	4.4	4.8	4.7	4.4	4.4	4.4	5.1	4.5	3.6	4.7
BAR FRR 4ZBD	1.5	1.5	2.8	3.8	4.6	4.3	4.2	4.3	4.3	4.9	3.7	3.3	4.4
BAR UR 204	2.3	2.5	3.6	3.8	4.1	3.9	4.1	4.2	4.3	4.9	3.8	3.1	4.3
RONDO	2.5	2.5	1.6	3.5	4.3	4.3	4.1	4.1	4.0	4.5	3.6	2.5	4.2
COMMON CREEPING	2.2	1.7	1.7	3.4	4.4	4.2	3.9	3.9	3.9	4.2	3.8	2.7	4.1
SILVERLAWN (WVPB-STCR-101)	1.7	1.8	2.9	3.3	4.1	3.9	3.7	3.6	3.6	4.0	3.5	2.8	3.8
LSD VALUE	1.7	1.7	2.1	0.8	0.6	0.6	0.6	0.6	0.6	0.7	1.0	1.5	0.5

TABLE 2F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DISCOVERY	3.5	3.5	3.7	4.8	5.8	5.6	5.5	5.2	5.5	5.6	5.2	5.3	5.4
MB 82-93	3.2	3.3	4.3	4.8	5.4	5.1	5.0	5.0	5.4	5.6	5.2	4.7	5.3
SR 3100	4.0	4.0	3.3	4.6	5.6	5.5	5.3	4.8	5.1	5.6	5.3	5.0	5.2
RELIANT II	3.3	3.3	3.7	4.3	5.5	5.4	5.2	4.9	5.1	5.4	4.9	4.3	5.2
OSPREY (PRO 92/24)	3.8	3.7	3.8	4.7	5.4	5.2	5.1	4.9	4.9	5.1	4.8	4.6	5.1
DEFIANCE (MB 81-93)	3.3	3.3	3.2	4.4	5.3	5.1	4.9	4.8	5.2	5.2	5.2	4.7	5.1
ECOSTAR	3.5	3.5	3.2	4.6	5.3	5.2	5.0	4.9	4.9	4.9	4.8	4.1	5.0
SPARTAN	4.0	3.8	3.6	4.2	5.4	5.1	5.0	4.7	4.6	5.0	5.3	4.8	5.0
NORDIC	3.3	3.5	2.6	4.3	5.2	5.0	5.1	4.7	4.9	5.0	4.9	4.4	4.9
AURORA W/ENDO.	3.5	3.8	2.4	4.4	5.2	5.1	4.9	4.7	4.7	5.0	4.7	4.0	4.8
VERNON (MB 83-93)	3.5	3.5	2.9	4.1	5.3	5.0	4.8	4.5	4.6	4.8	4.7	4.4	4.8
BRIGADE	3.2	3.7	3.2	4.4	5.0	4.9	4.6	4.5	4.6	4.8	4.8	4.3	4.7
PAMELA	2.7	3.0	2.4	3.9	4.7	4.5	4.5	4.5	4.3	4.5	4.1	3.5	4.5
SCALDIS	3.0	2.7	2.1	3.9	4.8	4.7	4.3	4.4	4.1	4.3	4.4	3.6	4.4
LSD VALUE	2.5	2.3	1.5	0.9	0.7	0.7	0.7	0.7	0.8	0.8	1.0	1.4	0.6

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).

TABLE 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SR 5100	21.0	1.0	26.0	12.5	7.5	22.5	4.5	28.5	7.0	12.0	19.5	13.0	13.5	12.0	18.0	1.0	23.5	4.5	33.0	29.0	1
BRITTANY	19.0	3.0	30.5	3.5	1.5	3.0	6.0	3.0	16.0	15.5	9.0	13.0	17.0	2.5	35.5	30.0	16.0	15.0	38.5	29.0	2
BANNER III (MB 61-93)	15.5	9.0	20.0	16.5	7.5	7.0	1.0	1.0	10.0	19.0	12.0	10.0	24.5	9.0	18.0	14.5	22.0	6.5	33.0	13.0	3
PST-4VB ENDO.	45.0	54.5	3.0	1.0	27.5	12.0	13.5	15.5	2.0	10.0	1.0	3.0	20.0	1.0	38.5	3.0	18.0	8.0	11.0	45.0	4
SHADOW II (PST-44D)	11.0	21.5	4.5	12.5	1.5	17.5	7.5	2.0	20.0	21.0	10.0	1.0	43.5	21.0	8.5	2.0	14.5	40.5	33.0	49.5	5
VICTORY II (PICK 4-91W)	19.0	20.0	12.5	8.0	12.5	12.0	9.0	6.5	5.5	12.0	13.0	18.0	24.5	4.5	31.5	5.0	18.0	10.5	27.0	14.5	6
NJ F-93	29.0	12.0	23.5	31.0	19.0	22.5	11.0	12.0	1.0	22.5	7.0	5.0	19.0	19.5	35.5	17.0	21.0	3.0	3.0	49.5	7
CULUMBRA (MB 64-93)	33.0	25.0	18.0	6.5	3.5	5.0	3.0	15.5	4.0	32.0	17.5	17.0	31.5	10.5	25.5	9.5	26.0	22.0	1.0	10.5	8
BRIDGEPORT	12.0	2.0	30.5	22.0	22.5	45.0	7.5	33.5	22.0	12.0	15.0	13.0	30.0	2.5	25.5	30.0	36.5	15.0	33.0	1.0	9
DISCOVERY	9.0	16.0	37.0	33.5	53.0	17.5	24.0	9.0	37.0	45.0	2.0	2.0	11.0	45.0	6.0	42.0	3.0	27.5	16.0	6.0	10
TIFFANY	22.0	19.0	11.0	12.5	10.5	15.0	11.0	15.5	31.5	19.0	26.0	15.5	51.0	4.5	15.0	4.0	26.0	22.0	18.5	10.5	11
ECO (MB 63-93)	17.0	11.0	34.0	9.5	5.0	12.0	2.0	33.5	27.0	9.0	16.0	40.0	37.0	7.0	31.5	7.5	30.0	4.5	11.0	53.0	12
PST-4ST	42.0	54.5	7.0	9.5	27.5	38.5	16.0	42.0	10.0	24.0	7.0	4.0	3.5	33.0	40.5	25.5	20.0	27.5	4.5	19.5	13
TREAZURE (ZPS-MG)	13.0	15.0	20.0	22.0	16.0	28.0	36.0	9.0	29.0	7.0	11.0	31.5	2.0	23.0	22.0	18.5	32.5	43.0	33.0	4.5	14
PST-4DT	51.0	54.5	6.0	31.0	22.5	25.0	4.5	4.0	17.0	26.5	7.0	15.5	13.5	7.0	45.0	37.0	34.5	27.5	8.0	14.5	15
SHADEMASTER II	55.0	54.5	4.5	22.0	10.5	1.0	13.5	46.0	5.5	1.0	5.0	21.0	21.5	16.5	46.0	39.0	34.5	10.5	21.0	19.5	16
WX3-FF54	15.5	5.0	34.0	6.5	19.0	9.0	44.0	6.5	13.0	35.0	24.0	48.5	9.0	40.5	40.5	9.5	23.5	2.0	13.5	19.5	17
SANDPIPER (PRO 92/20)	26.0	4.0	20.0	31.0	7.5	30.0	18.5	18.5	14.5	3.5	36.0	36.0	36.0	26.5	35.5	14.5	29.0	37.5	33.0	45.0	18
MB 82-93	32.0	23.5	40.0	16.5	40.0	35.0	18.5	18.5	37.0	26.5	19.5	19.0	16.0	44.0	16.0	12.0	12.5	15.0	18.5	33.5	19
TMI-3CE	14.0	8.0	42.0	22.0	31.0	8.0	22.0	22.0	22.0	30.5	23.0	29.0	38.0	16.5	18.0	14.5	28.0	34.0	50.0	41.5	20
JASPER (E)	46.0	42.0	8.0	53.0	34.5	12.0	11.0	25.0	31.5	22.5	22.0	6.5	6.0	13.5	35.5	30.0	39.0	30.5	38.5	37.0	21
SR 3100	1.0	29.0	47.0	35.0	53.0	17.5	29.5	15.5	51.5	59.0	3.0	6.5	6.0	57.0	2.5	7.5	1.0	54.0	13.5	45.0	22
JAMESTOWN II	34.0	17.0	28.0	42.5	12.5	25.0	25.5	32.0	24.5	3.5	48.0	37.5	26.0	16.5	28.5	11.0	26.0	18.0	18.5	25.0	23
RELIANT II	10.0	35.5	46.0	39.0	16.0	6.0	25.0	20.5	55.0	47.0	27.0	21.0	6.0	46.5	1.0	38.0	2.0	30.5	52.5	2.0	24
FLYER II (ZPS-4BN)	39.0	47.0	12.5	3.5	38.0	32.0	21.0	52.0	3.0	7.0	4.0	8.0	33.5	23.0	47.0	27.0	46.5	27.5	6.5	8.0	25
ISI-FC-62	40.0	7.0	30.5	33.5	34.5	25.0	15.0	35.0	10.0	33.5	33.5	26.0	48.0	28.0	43.5	22.0	39.0	15.0	18.5	33.5	26
BANNER II	27.0	27.0	38.5	27.5	27.5	38.5	20.0	20.5	10.0	2.0	45.0	24.5	35.0	39.0	38.5	14.5	32.5	46.0	38.5	12.0	27
VICTORY (E)	19.0	6.0	14.0	27.5	14.0	38.5	17.0	28.5	53.0	26.5	41.0	34.0	48.0	13.5	21.0	30.0	41.5	39.0	42.5	49.5	28
K-2 (MB 65-93)	23.0	13.5	10.0	12.5	7.5	12.0	28.0	9.0	14.5	29.0	37.5	58.0	53.5	29.0	25.5	6.0	41.5	25.0	9.0	52.0	29
WX3-FFG6	30.5	13.5	30.5	42.5	49.5	41.0	32.0	12.0	19.0	38.5	39.0	9.0	29.0	19.5	25.5	22.0	39.0	10.5	42.5	29.0	30
DEFIANCE (MB 81-93)	4.0	37.5	49.0	50.0	34.5	48.5	29.5	28.5	41.5	42.5	21.0	11.0	23.0	53.5	4.5	24.0	6.5	52.5	11.0	3.0	31
OSPREY (PRO 92/24)	2.0	26.0	34.0	56.0	31.0	27.0	23.0	40.0	41.5	56.0	31.5	21.0	41.5	53.5	4.5	22.0	4.0	15.0	27.0	49.5	32
SHADOW (E)	28.0	28.0	38.5	27.5	34.5	51.0	37.0	12.0	27.0	15.5	29.0	30.0	41.5	10.5	33.0	18.5	43.5	34.0	23.0	37.0	33
ECOSTAR	5.5	32.0	48.0	36.0	40.0	43.0	38.5	41.0	48.0	45.0	17.5	42.0	13.5	48.0	13.0	33.5	5.0	19.0	27.0	29.0	34
SPARTAN	5.5	18.0	52.0	22.0	22.5	48.5	32.0	37.0	27.0	49.5	31.5	34.0	1.0	57.0	12.0	48.0	10.5	45.0	54.0	19.5	35
NORDIC	7.5	30.0	54.5	22.0	42.0	38.5	45.0	23.5	41.5	51.0	25.0	27.5	18.0	46.5	2.5	53.0	8.5	10.5	42.5	19.5	36
AURORA W/ENDO.	3.0	37.5	56.0	40.5	58.0	20.0	47.0	43.0	41.5	45.0	14.0	40.0	8.0	57.0	30.0	47.0	6.5	22.0	27.0	4.5	37
VERNON (MB 83-93)	7.5	31.0	57.0	50.0	49.5	35.0	43.0	37.0	46.5	52.0	33.5	31.5	21.5	57.0	11.0	25.5	10.5	34.0	55.0	8.0	38
JAMESTOWN	36.0	21.5	43.0	47.5	16.0	48.5	38.5	23.5	24.5	5.0	53.0	43.0	45.0	42.5	49.0	35.5	43.5	37.5	15.0	8.0	39
FLYER	52.0	54.5	41.0	16.5	25.0	3.0	41.0	49.5	35.0	15.5	37.5	23.0	33.5	31.5	48.0	40.0	46.5	43.0	38.5	37.0	40
ARUBA	50.0	54.5	2.0	45.0	43.5	21.0	27.0	47.0	31.5	36.0	30.0	52.5	31.5	31.5	50.0	45.0	48.0	36.0	51.0	19.5	41
CAS-FR13	49.0	54.5	22.0	50.0	22.5	3.0	32.0	53.0	22.0	26.5	54.0	24.5	27.0	26.5	52.0	43.0	52.5	48.0	27.0	19.5	42
MB 66-93	41.0	33.0	26.0	40.5	3.5	33.0	35.0	28.5	56.0	33.5	44.0	59.0	56.0	38.0	28.5	20.0	52.5	22.0	23.0	25.0	43
BRIGADE	35.0	10.0	53.0	55.0	59.0	35.0	42.0	44.0	58.0	49.5	35.0	34.0	3.5	51.0	8.5	49.5	14.5	22.0	42.5	25.0	44
QUATRO (FO 143)	24.5	43.5	50.0	54.0	27.5	56.0	53.0	26.0	41.5	54.0	28.0	47.0	13.5	49.5	14.0	55.5	12.5	1.0	45.5	29.0	45
MOLINDA	37.5	40.0	16.5	27.5	45.0	30.0	51.0	31.0	18.0	38.5	50.5	56.0	55.0	23.0	43.5	30.0	49.0	48.0	23.0	19.5	46
DARWIN	37.5	35.5	36.0	52.0	46.5	46.0	57.0	5.0	10.0	15.5	52.0	48.5	.	40.5	20.0	33.5	50.5	6.5	2.0	33.5	47
SEABREEZE	53.5	54.5	26.0	5.0	49.5	43.0	58.5	39.0	46.5	40.0	40.0	27.5	40.0	35.0	42.0	41.0	31.0	40.5	33.0	45.0	48
PAMELA	24.5	34.0	54.5	45.0	37.0	58.0	49.0	45.0	57.0	53.0	46.0	51.0	10.0	52.0	7.0	57.0	18.0	51.0	56.0	41.5	49
MEDINA	43.0	47.0	23.5	45.0	53.0	52.0	55.0	37.0	31.5	19.0	42.5	55.0	57.0	36.0	23.0	35.5	50.5	32.0	6.5	33.5	50
BAR FRR 4ZBD	59.0	54.5	16.5	37.5	46.5	17.5	40.0	49.5	41.5	30.5	50.5	45.0	50.0	16.5	55.0	51.5	54.0	43.0	4.5	40.0	51

TABLE 3A. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S.
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SCALDIS	30.5	39.0	58.0	16.5	49.5	56.0	50.0	48.0	45.0	57.0	42.5	37.5	28.0	57.0	10.0	55.5	8.5	55.0	57.0	54.5	52
BAR UR 204	47.0	54.5	15.0	57.0	43.5	30.0	34.0	58.0	54.0	37.0	55.5	40.0	48.0	7.0	53.0	51.5	55.5	56.0	52.5	59.0	53
CASCADE	44.0	23.5	51.0	37.5	40.0	53.0	48.0	54.0	37.0	7.0	58.0	57.0	46.0	42.5	51.0	49.5	55.5	48.0	49.0	54.5	54
RONDO	53.5	47.0	1.0	22.0	56.0	54.0	56.0	51.0	49.5	55.0	48.0	54.0	53.5	30.0	54.0	44.0	45.0	52.5	47.0	45.0	55
COMMON CREEPING	58.0	41.0	9.0	47.5	31.0	43.0	52.0	56.0	51.5	42.5	55.5	50.0	39.0	37.0	57.0	54.0	57.0	50.0	48.0	57.5	56
DAWSON	48.0	47.0	44.5	2.0	56.0	59.0	58.5	55.0	49.5	58.0	48.0	52.5	52.0	34.0	56.0	46.0	36.5	58.0	45.5	56.0	57
SILVERLAWN (WVPB-STCR-101)	56.0	43.5	44.5	58.0	56.0	56.0	46.0	59.0	34.0	41.0	57.0	46.0	43.5	25.0	58.0	59.0	58.0	57.0	59.0	57.5	58
67135	57.0	47.0	59.0	59.0	19.0	48.5	54.0	57.0	59.0	48.0	59.0	44.0	.	49.5	59.0	58.0	59.0	59.0	58.0	39.0	59

TABLE 3B.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SEABREEZE	2	2	1	2	1	1	1.5	1	1	1	1	1	1	2	1	1	1	1	1	1	1
DAWSON	1	1	2	1	2	2	1.5	2	2	2	2	2	2	1	2	2	2	2	2	2	2

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
QUATRO (FO 143)	1	1	1	1	2	2	1	1	1	2	1	2	1	1.5	1	1	1	1	1	1	1
67135	2	2	2	2	1	1	2	2	2	1	2	1	.	1.5	2	2	2	2	2	2	2

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

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 TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA

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

NAME	GA1	GA2	IA1	IL1	IL2	KSI	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SR 5100	11.0	1.0	13.5	7.5	7.5	11.5	4.0	18.0	4.0	9.0	10	5.0	3.0	9.0	4.0	1.0	6.5	3.5	18.5	13.5	1
BRITTANY	9.0	3.0	17.0	1.0	1.5	1.0	5.0	3.0	12.0	12.0	2	5.0	4.0	1.5	19.0	20.5	2.0	9.0	22.5	13.5	2
BANNER III (MB 61-93)	5.5	9.0	9.0	10.0	7.5	3.0	1.0	1.0	6.5	15.0	5	3.0	6.5	6.0	4.0	11.5	5.0	5.5	18.5	7.0	3
SHADOW II (PST-44D)	1.0	17.5	1.0	7.5	1.5	10.0	6.5	2.0	14.0	17.0	3	1.0	16.0	14.0	1.0	2.0	1.0	22.0	18.5	22.0	4
VICTORY II (PICK 4-91W)	9.0	16.0	4.0	4.0	11.5	7.0	8.0	5.5	3.0	9.0	6	9.0	6.5	3.5	15.5	4.0	3.0	7.0	15.0	8.0	5
NJ F-93	17.0	11.0	11.5	18.5	16.5	11.5	9.5	9.5	1.0	18.0	1	2.0	5.0	13.0	19.0	14.0	4.0	2.0	3.0	22.0	6
CULUMBRA (MB 64-93)	18.0	20.0	7.0	2.5	3.5	2.0	3.0	11.5	2.0	22.0	9	8.0	10.0	7.5	11.0	7.5	9.0	13.0	1.0	4.5	7
BRIDGEPORT	2.0	2.0	17.0	12.0	18.0	21.0	6.5	22.5	15.5	9.0	7	5.0	9.0	1.5	11.0	20.5	16.0	9.0	18.5	1.0	8
TIFFANY	12.0	15.0	3.0	7.5	10.0	9.0	9.5	11.5	22.5	15.0	13	7.0	21.0	3.5	2.0	3.0	9.0	13.0	10.0	4.5	9
ECO (MB 63-93)	7.0	10.0	19.5	5.0	5.0	7.0	2.0	22.5	19.5	7.0	8	18.0	13.0	5.0	15.5	6.0	13.0	3.5	6.0	25.0	10
TREAZURE (ZPS-MG)	3.0	13.0	9.0	12.0	14.5	15.0	19.0	7.5	21.0	5.5	4	14.0	1.0	15.5	8.0	15.5	14.5	23.0	18.5	2.0	11
WX3-FF54	5.5	5.0	19.5	2.5	16.5	5.0	22.0	5.5	9.0	25.0	12	20.5	2.0	23.5	22.0	7.5	6.5	1.0	7.0	9.5	12
SANDPIPER (PRO 92/20)	14.0	4.0	9.0	18.5	7.5	16.5	13.0	13.0	10.5	2.5	16	16.0	12.0	17.0	19.0	11.5	12.0	19.5	18.5	20.0	13
TMI-3CE	4.0	8.0	24.0	12.0	20.0	4.0	15.0	15.0	15.5	21.0	11	12.0	14.0	11.5	4.0	11.5	11.0	17.5	26.0	19.0	14
JAMESTOWN II	19.0	14.0	15.0	23.0	11.5	13.5	16.0	21.0	17.5	2.5	22	17.0	8.0	11.5	13.5	9.0	9.0	11.0	10.0	11.5	15
ISI-FC-62	23.0	7.0	17.0	20.0	21.5	13.5	11.0	24.0	6.5	23.5	15	11.0	19.5	18.0	23.5	18.0	17.0	9.0	10.0	16.0	16
BANNER II	15.0	21.0	22.5	15.5	19.0	19.5	14.0	14.0	6.5	1.0	21	10.0	11.0	22.0	21.0	11.5	14.5	24.0	22.5	6.0	17
VICTORY (E)	9.0	6.0	5.0	15.5	13.0	19.5	12.0	18.0	25.0	19.0	18	15.0	19.5	10.0	7.0	20.5	18.5	21.0	24.0	22.0	18
K-2 (MB 65-93)	13.0	12.0	2.0	7.5	7.5	7.0	17.0	7.5	10.5	20.0	17	25.0	22.0	19.0	11.0	5.0	18.5	15.0	5.0	24.0	19
SHADOW (E)	16.0	22.0	22.5	15.5	21.5	24.0	20.0	9.5	19.5	12.0	14	13.0	15.0	7.5	17.0	15.5	20.5	17.5	13.0	18.0	20
JAMESTOWN	20.0	17.5	25.0	25.0	14.5	23.0	21.0	16.0	17.5	4.0	25	19.0	17.0	25.5	25.0	24.5	20.5	19.5	8.0	3.0	21
MB 66-93	24.0	23.0	13.5	22.0	3.5	18.0	18.0	18.0	26.0	23.5	20	26.0	24.0	21.0	13.5	17.0	25.0	13.0	13.0	11.5	22
MOLINDA	21.5	25.0	6.0	15.5	24.0	16.5	24.0	20.0	13.0	26.0	23	23.0	23.0	15.5	23.5	20.5	22.0	25.5	13.0	9.5	23
DARWIN	21.5	24.0	21.0	26.0	25.0	22.0	26.0	4.0	6.5	12.0	24	20.5	.	23.5	6.0	23.0	23.5	5.5	2.0	16.0	24
MEDINA	25.0	26.0	11.5	24.0	26.0	25.0	25.0	25.0	22.5	15.0	19	22.0	25.0	20.0	9.0	24.5	23.5	16.0	4.0	16.0	25
CASCADE	26.0	19.0	26.0	21.0	23.0	26.0	23.0	26.0	24.0	5.5	26	24.0	18.0	25.5	26.0	26.0	26.0	25.5	25.0	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 TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
PST-4VB ENDO.	4	11.0	3	1.0	5.5	4.5	3.5	3.0	1.0	3.0	1.0	1	4.0	1.0	3	1.0	1.0	1.0	5.0	11.5	1
PST-4ST	3	11.0	6	3.0	5.5	11.0	5.0	5.0	4.0	6.0	4.5	2	1.0	14.0	4	3.0	2.0	5.0	1.5	4.5	2
PST-4DT	9	11.0	5	7.0	2.5	8.0	1.0	1.0	5.0	7.5	4.5	6	3.0	2.5	5	6.0	3.5	5.0	4.0	2.0	3
SHADEMASTER II	12	11.0	4	5.5	1.0	1.0	3.5	6.0	3.0	1.0	3.0	7	5.0	5.5	6	7.0	3.5	2.5	6.0	4.5	4
JASPER (E)	5	3.0	7	13.0	8.0	4.5	2.0	4.0	8.5	5.0	6.0	3	2.0	4.0	2	5.0	5.5	7.0	8.5	8.5	5
FLYER II (ZPS-4EN)	2	5.5	9	2.0	9.0	10.0	6.0	11.0	2.0	2.0	2.0	4	9.5	8.0	7	4.0	8.5	5.0	3.0	1.0	6
WX3-FFG6	1	1.0	13	9.0	13.0	12.0	8.5	2.0	6.0	12.0	9.0	5	7.0	7.0	1	2.0	5.5	2.5	10.0	7.0	7
FLYER	10	11.0	14	4.0	4.0	2.5	12.0	8.5	11.0	4.0	8.0	8	9.5	12.5	8	8.0	8.5	9.5	8.5	8.5	8
ARUBA	8	11.0	2	10.0	10.5	7.0	7.0	7.0	8.5	10.0	7.0	14	8.0	12.5	9	11.0	10.0	8.0	13.0	4.5	9
CAS-FR13	7	11.0	12	12.0	2.5	2.5	8.5	12.0	7.0	7.5	12.0	9	6.0	10.0	10	9.0	11.0	11.0	7.0	4.5	10
BAR FRR 4ZBD	15	11.0	11	8.0	12.0	6.0	11.0	8.5	12.0	9.0	11.0	11	14.0	5.5	13	12.5	12.0	9.5	1.5	10.0	11
BAR UR 204	6	11.0	10	14.0	10.5	9.0	10.0	14.0	15.0	11.0	13.5	10	13.0	2.5	11	12.5	13.0	14.0	14.0	15.0	12
RONDO	11	5.5	1	5.5	14.5	14.0	15.0	10.0	13.0	15.0	10.0	15	15.0	11.0	12	10.0	7.0	13.0	11.0	11.5	13
COMMON CREEPING	14	2.0	8	11.0	7.0	13.0	14.0	13.0	14.0	14.0	13.5	13	11.0	15.0	14	14.0	14.0	12.0	12.0	13.5	14
SILVERLAWN (WVPB-STCR-101)	13	4.0	15	15.0	14.5	15.0	13.0	15.0	10.0	13.0	15.0	12	12.0	9.0	15	15.0	15.0	15.0	15.0	13.5	15

TABLE 3F.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT TWENTY LOCATIONS (FULL SUN) IN THE U.S. 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	MA1	ME1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
DISCOVERY	9.0	2.0	2.0	5.0	11.5	2.5	3.0	1.0	2.5	4.0	1.0	1.0	7.0	2.0	6.0	8	3.0	7.0	3.0	4.0	1
MB 82-93	13.0	4.0	3.0	1.5	6.5	7.0	1.0	3.0	2.5	1.0	5.0	4.0	9.0	1.0	13.0	2	12.0	2.5	4.0	10.0	2
SR 3100	1.0	6.0	5.0	6.0	11.5	2.5	5.5	2.0	11.0	14.0	2.0	2.0	3.5	12.0	2.5	1	1.0	13.0	2.0	12.0	3
RELIANT II	10.0	11.0	4.0	8.0	1.0	1.0	4.0	4.0	12.0	6.0	8.0	5.5	3.5	3.5	1.0	7	2.0	8.0	10.0	1.0	4
DEFIANCE (MB 81-93)	4.0	12.5	7.0	11.5	4.0	11.5	5.5	6.0	5.5	2.0	6.0	3.0	12.0	8.5	4.5	4	6.5	12.0	1.0	2.0	5
OSPREY (PRO 92/24)	2.0	5.0	1.0	14.0	3.0	5.0	2.0	9.0	5.5	12.0	9.5	5.5	14.0	8.5	4.5	3	4.0	2.5	6.0	13.0	6
ECOSTAR	5.5	9.0	6.0	7.0	6.5	10.0	8.0	10.0	10.0	4.0	4.0	13.0	8.0	5.0	12.0	6	5.0	4.0	6.0	9.0	7
SPARTAN	5.5	3.0	8.0	3.5	2.0	11.5	7.0	7.5	1.0	7.5	9.5	9.5	1.0	12.0	11.0	10	10.5	10.0	11.0	6.5	8
NORDIC	7.5	7.0	10.5	3.5	8.0	9.0	11.0	5.0	5.5	9.0	7.0	7.0	10.0	3.5	2.5	12	8.5	1.0	8.5	6.5	9
AURORA W/ENDO.	3.0	12.5	12.0	9.0	13.0	4.0	12.0	11.0	5.5	4.0	3.0	12.0	5.0	12.0	14.0	9	6.5	5.5	6.0	3.0	10
VERNON (MB 83-93)	7.5	8.0	13.0	11.5	9.5	7.0	10.0	7.5	9.0	10.0	11.0	8.0	11.0	12.0	10.0	5	10.5	9.0	12.0	5.0	11
BRIGADE	14.0	1.0	9.0	13.0	14.0	7.0	9.0	12.0	14.0	7.5	12.0	9.5	2.0	6.0	8.0	11	13.0	5.5	8.5	8.0	12
PAMELA	11.0	10.0	10.5	10.0	5.0	14.0	13.0	13.0	13.0	11.0	14.0	14.0	6.0	7.0	7.0	14	14.0	11.0	13.0	11.0	13
SCALDIS	12.0	14.0	14.0	1.5	9.5	13.0	14.0	14.0	8.0	13.0	13.0	11.0	13.0	12.0	9.0	13	8.5	14.0	14.0	14.0	14

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

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 THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MI1	MEAN	NAME	IL3	MD1	MI1	MEAN
DISCOVERY	6.4	5.7	5.3	5.8	MEDINA	3.0	5.0	5.3	4.4
RELIANT II	5.3	5.6	5.4	5.4	ECO (MB 63-93)	2.3	5.7	5.3	4.4
NJ F-93	5.3	5.2	5.3	5.3	SEABREEZE	2.3	5.0	5.8	4.4
SHADOW (E)	5.0	5.4	5.4	5.3	BANNER II	2.3	5.5	5.4	4.4
SHADEMASTER II	4.8	5.4	5.6	5.3	VICTORY II (PICK 4-91W)	2.3	5.5	5.3	4.4
PST-4ST	4.3	5.6	5.7	5.2	TREAZURE (ZPS-MG)	2.5	5.0	5.6	4.4
SHADOW II (PST-44D)	4.3	5.7	5.4	5.1	MOLINDA	2.8	5.1	5.2	4.4
SCALDIS	5.3	5.0	5.0	5.1	MB 66-93	2.7	4.8	5.5	4.3
OSPREY (PRO 92/24)	4.4	5.6	5.1	5.0	PAMELA	2.3	5.3	5.3	4.3
DAWSON	4.1	5.1	5.8	5.0	QUATRO (FO 143)	2.8	4.8	5.3	4.3
AURORA W/ENDO.	4.3	5.3	5.4	5.0	BANNER III (MB 61-93)	1.8	5.3	5.6	4.2
VICTORY (E)	4.0	5.4	5.4	4.9	BRIDGEPORT	2.1	5.3	5.3	4.2
SR 3100	4.3	5.3	5.2	4.9	SILVERLAWN (WVFB-STCR-101)	2.7	5.3	4.7	4.2
ISI-FC-62	4.1	5.3	5.2	4.9	CASCADE	3.3	4.3	5.0	4.2
TIFFANY	3.3	5.7	5.6	4.9	PST-4VB ENDO.	2.1	5.0	5.6	4.2
FLYER	4.1	4.9	5.6	4.8	K-2 (MB 65-93)	1.4	5.6	5.6	4.2
BRITTANY	3.3	5.8	5.4	4.8	ARUBA	2.5	4.6	5.4	4.2
TMI-3CE	4.0	5.3	5.1	4.8	FLYER II (ZPS-4BN)	1.8	5.0	5.4	4.1
ECOSTAR	3.8	5.2	5.3	4.8	CULUMBRA (MB 64-93)	1.6	5.3	5.3	4.1
PST-4DT	3.6	5.0	5.6	4.7	67135	2.5	4.9	4.8	4.1
DEFIANCE (MB 81-93)	3.1	5.6	5.6	4.7	JASPER (E)	1.7	5.2	5.3	4.1
SANDPIPER (PRO 92/20)	3.4	5.3	5.3	4.7	BAR FRR 4ZBD	1.4	5.3	5.4	4.1
SR 5100	3.3	5.3	5.4	4.7	JAMESTOWN II	1.6	5.1	5.3	4.0
SPARTAN	3.3	5.4	5.3	4.7	RONDO	1.6	4.8	5.7	4.0
VERNON (MB 83-93)	3.3	5.4	5.3	4.7	WX3-FF54	1.2	5.7	5.2	4.0
MB 82-93	3.2	5.3	5.4	4.6	DARWIN	1.5	4.6	5.2	3.8
WX3-FFG6	2.8	5.7	5.5	4.6	COMMON CREEPING	1.5	4.4	5.1	3.7
NORDIC	3.0	5.4	5.3	4.6					
CAS-FR13	2.9	5.4	5.3	4.6	LSD VALUE	4.0	0.7	0.4	1.4
JAMESTOWN	3.3	5.0	5.4	4.6					
BRIGADE	2.7	5.5	5.4	4.5	C.V. (%)	81.3	7.7	5.1	32.3
BAR UR 204	3.0	5.3	5.2	4.5					

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MI1	MEAN
DAWSON	4.1	5.1	5.8	5.0
SEABREEZE	2.3	5.0	5.8	4.4
LSD VALUE	4.7	0.5	0.6	1.6
C.V. (%)	90.8	6.2	6.4	36.3

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 MEANS IN EACH COLUMN.

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MI1	MEAN
QUATRO (FO 143)	2.8	4.8	5.3	4.3
67135	2.5	4.9	4.8	4.1
LSD VALUE	2.6	0.4	0.4	0.9
C.V. (%)	61.0	5.0	4.6	22.5

TABLE 4D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MI1	MEAN
NJ F-93	5.3	5.2	5.3	5.3
SHADOW (E)	5.0	5.4	5.4	5.3
SHADOW II (PST-44D)	4.3	5.7	5.4	5.1
VICTORY (E)	4.0	5.4	5.4	4.9
ISI-FC-62	4.1	5.3	5.2	4.9
TIFFANY	3.3	5.7	5.6	4.9
BRITTANY	3.3	5.8	5.4	4.8
TMI-3CE	4.0	5.3	5.1	4.8
SANDPIPER (PRO 92/20)	3.4	5.3	5.3	4.7
SR 5100	3.3	5.3	5.4	4.7
JAMESTOWN	3.3	5.0	5.4	4.6
MEDINA	3.0	5.0	5.3	4.4
ECO (MB 63-93)	2.3	5.7	5.3	4.4
BANNER II	2.3	5.5	5.4	4.4
VICTORY II (PICK 4-91W)	2.3	5.5	5.3	4.4
TREAZURE (ZPS-MG)	2.5	5.0	5.6	4.4
MOLINDA	2.8	5.1	5.2	4.4
MB 66-93	2.7	4.8	5.5	4.3
BANNER III (MB 61-93)	1.8	5.3	5.6	4.2
BRIDGEPORT	2.1	5.3	5.3	4.2
CASCADE	3.3	4.3	5.0	4.2
K-2 (MB 65-93)	1.4	5.6	5.6	4.2
CULUMBRA (MB 64-93)	1.6	5.3	5.3	4.1
JAMESTOWN II	1.6	5.1	5.3	4.0
WX3-FF54	1.2	5.7	5.2	4.0
DARWIN	1.5	4.6	5.2	3.8
LSD VALUE	3.6	0.7	0.4	1.2
C.V. (%)	77.7	8.0	4.3	29.7

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 MEANS IN EACH COLUMN.

TABLE 4E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MI1	MEAN
SHADEMASTER II	4.8	5.4	5.6	5.3
PST-4ST	4.3	5.6	5.7	5.2
FLYER	4.1	4.9	5.6	4.8
PST-4DT	3.6	5.0	5.6	4.7
WX3-FFG6	2.8	5.7	5.5	4.6
CAS-FR13	2.9	5.4	5.3	4.6
BAR UR 204	3.0	5.3	5.2	4.5
SILVERLAWN (WVPB-STCR-101)	2.7	5.3	4.7	4.2
PST-4VB ENDO.	2.1	5.0	5.6	4.2
ARUBA	2.5	4.6	5.4	4.2
FLYER II (ZPS-4BN)	1.8	5.0	5.4	4.1
JASPER (E)	1.7	5.2	5.3	4.1
BAR FRR 4ZBD	1.4	5.3	5.4	4.1
RONDO	1.6	4.8	5.7	4.0
COMMON CREEPING	1.5	4.4	5.1	3.7
LSD VALUE	3.6	0.6	0.5	1.2
C.V. (%)	81.4	7.6	6.2	29.7

TABLE 4F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT THREE LOCATIONS (SHADE) IN THE U.S. 1/
1996 DATA

NAME	IL3	MD1	MI1	MEAN
DISCOVERY	6.4	5.7	5.3	5.8
RELIANT II	5.3	5.6	5.4	5.4
SCALDIS	5.3	5.0	5.0	5.1
OSPREY (PRO 92/24)	4.4	5.6	5.1	5.0
AURORA W/ENDO.	4.3	5.3	5.4	5.0
SR 3100	4.3	5.3	5.2	4.9
ECOSTAR	3.8	5.2	5.3	4.8
DEFIANCE (MB 81-93)	3.1	5.6	5.6	4.7
SPARTAN	3.3	5.4	5.3	4.7
VERNON (MB 83-93)	3.3	5.4	5.3	4.7
MB 82-93	3.2	5.3	5.4	4.6
NORDIC	3.0	5.4	5.3	4.6
BRIGADE	2.7	5.5	5.4	4.5
PAMELA	2.3	5.3	5.3	4.3
LSD VALUE	5.3	0.7	0.4	1.7
C.V. (%)	83.5	7.8	4.8	38.4

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 MEANS IN EACH COLUMN.

TABLE 5A.

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
NJ F-93	6.0	4.0	8.0	6.3	9.0	6.7	9.0	6.0	5.0	7.0	6.7	8.5	7.3	6.7	7.3	7.3	8.0	7.0	7.7	7.0
ECO (MB 63-93)	7.0	4.0	7.0	6.7	7.7	6.3	7.7	5.7	7.0	7.7	6.7	9.0	6.7	6.3	8.7	7.0	7.7	7.0	7.0	7.0
BANNER III (MB 61-93)	7.0	4.0	7.7	7.3	7.7	7.0	7.7	6.0	6.0	6.7	5.7	9.0	7.7	6.7	7.7	6.7	7.0	6.7	8.0	6.9
BAR FRR 4ZBD	7.3	1.0	6.3	6.7	9.0	6.7	8.3	6.0	7.0	7.0	6.0	8.3	8.0	7.7	7.0	8.0	6.7	7.7	7.0	6.9
PST-4VB ENDO.	6.3	1.0	9.0	6.0	8.7	6.3	8.3	6.3	6.7	7.7	6.0	8.3	8.0	7.0	7.0	8.0	7.0	7.0	7.0	6.9
CULUMBRA (MB 64-93)	6.7	3.0	5.7	6.0	8.3	6.7	8.7	5.7	6.0	7.3	6.7	8.3	9.0	6.7	7.7	7.0	8.0	7.0	7.0	6.9
SHADEMASTER II	6.3	1.0	7.3	6.7	8.7	6.3	8.0	6.3	6.7	6.3	6.3	8.3	8.0	7.3	6.7	7.3	7.0	7.0	8.0	6.8
VERNON (MB 83-93)	6.3	4.0	4.3	6.7	8.3	7.3	7.7	6.0	7.0	6.7	6.3	8.7	7.0	5.3	7.7	7.7	8.0	7.0	7.0	6.8
K-2 (MB 65-93)	6.7	4.0	6.3	6.7	8.3	6.7	7.7	5.7	5.3	6.7	6.0	8.5	6.7	6.7	7.7	6.7	7.7	7.7	7.0	6.8
MB 82-93	6.0	4.0	6.7	6.3	8.0	6.7	7.7	6.0	6.0	7.7	6.0	8.7	7.0	5.0	7.7	7.0	8.0	7.0	7.0	6.8
DARWIN	7.3	3.0	5.7	6.3	.	7.0	9.0	5.7	7.3	7.0	6.7	.	6.3	6.0	7.7	7.3	7.7	6.7	7.0	6.7
PST-4DT	6.3	1.0	7.3	6.3	8.3	6.0	7.3	6.3	6.3	6.3	5.3	8.7	8.0	7.0	7.7	7.3	7.0	7.3	7.0	6.7
FLYER II (ZPS-4BN)	6.7	1.0	5.7	7.0	8.0	6.3	8.0	5.7	6.3	6.7	6.0	6.3	8.7	7.3	7.0	7.3	7.3	7.7	7.7	6.7
CAS-FR13	7.7	1.0	6.3	6.0	8.7	6.0	8.0	6.0	6.7	6.0	5.7	7.0	7.0	7.3	7.3	7.7	8.0	7.0	7.0	6.6
SR 3100	6.3	4.0	5.0	7.0	7.3	7.0	8.0	6.0	6.7	6.3	5.7	8.3	6.3	5.7	8.0	7.0	7.3	7.0	7.3	6.6
QUATRO (FO 143)	6.3	2.0	3.7	6.3	8.0	7.0	8.3	6.3	6.7	5.3	7.0	8.7	6.7	6.3	8.3	7.0	7.7	7.0	7.0	6.6
ISI-FC-62	7.0	4.0	6.7	6.3	7.7	7.0	7.0	5.7	6.3	6.7	5.7	5.5	7.0	6.7	7.7	7.0	7.7	7.0	7.0	6.6
DEFIANCE (MB 81-93)	5.0	3.0	4.7	6.7	7.7	7.0	8.7	6.3	7.3	6.7	5.7	8.5	7.0	5.0	8.0	7.0	7.0	7.3	7.0	6.6
PST-4ST	5.0	1.0	7.3	6.7	8.7	6.3	8.3	6.3	5.7	6.3	5.7	8.3	7.7	7.3	7.0	6.7	6.7	7.0	7.3	6.6
SPARTAN	5.0	4.0	7.3	6.3	7.7	7.0	7.3	6.3	7.0	6.0	6.0	8.3	6.3	5.0	7.3	7.0	7.3	7.0	7.0	6.6
JASPER (E)	6.0	2.0	5.7	5.7	9.0	6.3	7.0	5.7	6.7	6.0	6.3	8.7	7.3	6.7	7.0	7.0	6.7	7.3	7.0	6.5
BRITTANY	7.0	4.0	6.0	7.0	8.7	6.0	7.3	5.3	5.7	6.0	5.3	8.5	7.0	5.0	7.0	6.7	7.7	6.7	7.0	6.5
MEDINA	6.7	3.0	6.3	6.0	.	6.7	7.7	6.0	6.0	6.3	5.7	8.0	7.0	6.3	7.3	7.0	7.3	6.7	7.0	6.5
DISCOVERY	5.7	4.0	6.0	7.0	7.7	6.0	7.7	6.3	6.0	6.3	7.0	8.3	5.7	4.3	8.0	7.0	6.7	6.7	7.0	6.5
NORDIC	5.7	4.0	5.3	6.7	7.3	6.3	8.0	6.0	5.3	5.3	7.0	8.0	6.0	5.7	8.3	7.0	7.0	7.3	7.0	6.5
OSPREY (PRO 92/24)	5.3	3.0	6.7	6.7	7.7	6.7	8.0	5.7	8.0	5.3	6.0	7.7	6.3	5.0	8.0	7.0	6.3	7.0	7.0	6.5
WX3-FF54	7.3	4.0	7.0	6.0	8.0	6.0	7.7	5.3	6.3	6.0	5.3	8.5	6.7	6.3	6.3	5.7	7.3	6.7	6.7	6.5
BRIGADE	5.0	4.0	5.0	5.3	7.0	7.0	8.0	6.0	6.3	6.3	6.3	7.7	7.0	5.3	8.0	7.0	7.7	7.0	7.0	6.5
RELIANT II	6.0	2.0	4.7	6.7	7.7	7.3	7.0	6.0	6.0	6.0	5.7	9.0	7.0	5.3	8.3	7.0	6.3	7.0	7.7	6.5
MB 66-93	4.7	4.0	5.3	7.3	7.3	6.3	7.7	6.0	5.3	7.3	6.3	8.5	5.0	6.7	6.7	6.7	7.0	6.7	7.3	6.4
WX3-FFG6	6.3	4.0	6.3	6.7	8.3	6.3	7.3	6.0	5.3	6.0	5.3	8.5	6.3	5.0	7.0	6.3	7.0	6.3	7.0	6.4
SR 5100	7.0	4.0	5.7	6.0	8.3	5.7	8.0	6.0	4.7	6.3	5.7	8.0	6.3	5.7	7.7	6.0	6.7	6.7	7.0	6.4
SILVERLAWN (WVPB-STCR-101)	5.0	2.0	6.7	5.3	8.0	6.3	7.7	5.3	5.3	6.7	6.0	8.0	7.0	6.7	7.0	6.7	7.0	6.7	7.0	6.3
FLYER	6.0	1.0	5.7	6.0	7.3	6.0	6.7	6.0	5.3	5.3	6.0	8.3	7.3	7.7	8.0	6.7	7.3	6.7	7.0	6.3
JAMESTOWN	6.3	4.0	6.7	7.0	6.3	5.7	7.3	5.7	7.0	5.0	5.7	9.0	5.7	5.7	7.7	5.3	6.0	7.0	7.3	6.3
AURORA W/ENDO.	5.0	2.0	5.7	6.0	6.7	7.0	7.7	6.3	6.7	6.3	6.0	7.3	6.0	5.0	8.3	7.0	6.7	7.0	7.0	6.3
PAMELA	6.0	3.0	5.7	7.0	7.0	6.7	6.7	6.0	6.3	5.0	5.7	8.0	6.7	5.0	7.3	7.0	6.7	7.0	7.0	6.3
BANNER II	5.0	4.0	4.3	7.0	7.7	6.7	6.7	6.0	5.0	5.7	5.7	8.3	6.7	6.7	7.0	5.3	7.0	7.0	8.0	6.3
SHADOW (E)	6.0	4.0	5.3	6.0	7.0	6.3	7.0	6.0	5.3	6.3	5.3	8.0	6.3	6.0	6.3	6.0	7.0	7.0	8.0	6.3
SCALDIS	5.7	2.0	5.0	6.3	5.7	7.0	7.7	5.3	4.7	6.3	5.7	8.0	7.0	6.3	7.0	7.3	7.7	7.3	7.0	6.3
SANDPIPER (PRO 92/20)	6.0	4.0	4.7	6.0	7.7	6.0	7.7	6.0	5.7	6.0	5.3	8.0	6.7	5.7	6.7	6.0	7.0	6.3	7.3	6.2
VICTORY II (PICK 4-91W)	7.0	4.0	6.3	6.7	7.0	6.0	7.3	6.0	4.0	6.0	6.0	8.3	6.0	4.7	6.3	6.0	7.0	7.0	7.0	6.2
ECOSTAR	4.7	3.0	6.0	7.0	6.0	6.7	7.7	5.7	5.3	5.3	5.7	8.0	6.3	4.7	7.3	6.7	7.7	7.0	7.0	6.2
BRIDGEPORT	7.0	4.0	5.0	6.0	7.3	5.7	7.3	6.0	4.7	6.0	5.0	8.0	6.0	6.3	6.7	5.3	7.0	7.0	7.0	6.2
TIFFANY	4.7	4.0	6.0	6.0	7.3	6.3	7.3	5.7	5.3	6.3	5.3	8.0	6.3	6.3	6.7	6.0	6.3	6.3	7.0	6.2
TMI-3CE	7.0	4.0	4.7	6.3	7.3	6.7	7.7	5.7	5.7	6.0	6.3	6.3	5.0	6.3	6.0	6.3	6.7	6.0	7.3	6.2
VICTORY (E)	6.3	4.0	5.3	7.0	7.0	5.7	6.7	5.7	5.3	5.7	5.7	8.0	5.7	5.3	7.0	5.3	6.3	6.3	7.3	6.1
TREAZURE (ZPS-MG)	6.0	4.0	4.7	6.7	7.0	6.3	7.0	5.7	4.3	5.3	6.0	8.0	6.3	5.3	7.0	5.7	6.0	6.3	7.3	6.1
JAMESTOWN II	6.3	4.0	4.3	6.7	7.0	6.0	7.0	5.3	5.3	5.3	5.7	8.0	5.3	5.0	7.3	5.3	6.7	6.7	7.0	6.0
SHADOW II (PST-44D)	6.0	3.0	5.7	6.0	7.0	6.0	7.0	5.3	4.3	6.0	6.7	8.0	5.7	4.3	7.0	6.3	7.0	5.7	6.7	6.0

TABLE 5A. (CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1996 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
MOLINDA	4.3	3.0	6.0	6.0	7.0	5.7	6.3	6.0	6.7	5.0	5.3	8.0	6.0	5.7	5.3	6.3	7.0	6.3	7.3	6.0
SEABREEZE	6.0	1.0	4.3	6.3	.	5.0	7.3	7.0	7.0	4.0	5.3	7.7	6.0	6.7	7.0	6.7	5.7	6.3	7.0	5.9
COMMON CREEPING	6.3	1.0	5.0	6.3	6.3	5.0	6.7	6.0	6.0	5.3	5.3	6.0	6.7	5.7	7.0	6.3	6.7	6.3	7.0	5.8
DAWSON	4.7	2.0	6.7	6.3	.	6.0	6.7	6.3	6.0	3.3	4.7	8.0	5.3	6.3	6.7	6.0	5.3	6.3	7.0	5.8
67135	3.3	1.0	4.7	6.3	7.3	6.0	6.0	6.3	6.3	6.0	5.7	.	4.0	5.7	7.0	6.0	6.0	7.7	7.7	5.7
BAR UR 204	3.3	1.0	5.7	7.0	6.3	6.0	7.0	6.0	5.0	4.7	5.7	8.5	5.7	6.0	7.0	5.0	5.7	6.0	7.0	5.7
CASCADE	4.3	4.0	6.0	6.3	7.0	6.0	6.3	5.7	5.0	4.3	4.7	5.0	5.3	6.3	7.0	4.0	6.7	6.7	7.0	5.7
ARUBA	3.7	1.0	5.3	5.7	6.0	4.7	5.7	6.0	5.3	3.3	4.3	8.3	6.3	4.3	7.7	6.3	5.3	5.7	7.3	5.4
RONDO	3.3	1.0	5.0	6.7	.	5.0	7.0	7.0	5.7	3.0	4.7	7.5	5.3	6.0	6.7	6.0	4.3	5.3	6.7	5.3
LSD VALUE	1.7	1.5	2.1	1.4	1.1	0.9	1.1	0.8	1.8	1.4	1.6	1.1	1.2	1.5	1.1	0.9	1.3	0.7	0.5	0.3
C.V. (%)	18.3	31.3	22.8	13.4	8.8	8.9	9.1	8.7	19.4	14.1	16.7	7.5	11.6	15.8	9.4	8.4	11.7	6.6	4.3	12.8

TABLE 5B.

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
SEABREEZE	6.0	1.0	4.3	6.3	5.0	7.3	7.0	7.0	4.0	5.3	7.7	6.0	6.7	7.0	6.7	5.7	6.3	7	5.9
DAWSON	4.7	2.0	6.7	6.3	6.0	6.7	6.3	6.0	3.3	4.7	8.0	5.3	6.3	6.7	6.0	5.3	6.3	7	5.8
LSD VALUE	2.4	2.0	1.9	0.9	1.1	0.9	0.7	2.5	0.7	1.9	1.7	0.7	1.5	1.7	0.7	0.9	0.9	0	0.3
C.V. (%)	27.6	81.6	21.0	9.1	12.9	8.2	6.1	24.3	11.1	23.1	12.0	7.2	14.0	15.8	6.4	10.5	9.1	0	15.2

TABLE 5C.

GENETIC COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
QUATRO (FO 143)	6.3	2.0	3.7	6.3	8.0	7	8.3	6.3	6.7	5.3	7.0	8.7	6.7	6.3	8.3	7.0	7.7	7.0	7.0	6.6
67135	3.3	1.0	4.7	6.3	7.3	6	6.0	6.3	6.3	6.0	5.7	.	4.0	5.7	7.0	6.0	6.0	7.7	7.7	5.7
LSD VALUE	2.9	2.0	2.2	0.9	1.7	0	0.7	0.9	0.9	2.6	2.1	0.9	0.7	0.9	1.3	2.0	2.1	0.7	0.7	0.4
C.V. (%)	37.8	81.6	32.5	9.1	14.1	0	5.7	9.1	8.9	28.8	20.4	6.7	7.7	9.6	10.6	18.8	18.9	5.6	5.6	16.0

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

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

TABLE 5D.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
NJ F-93	6.0	4.0	8.0	6.3	9.0	6.7	9.0	6.0	5.0	7.0	6.7	8.5	7.3	6.7	7.3	7.3	8.0	7.0	7.7	7.0
ECO (MB 63-93)	7.0	4.0	7.0	6.7	7.7	6.3	7.7	5.7	7.0	7.7	6.7	9.0	6.7	6.3	8.7	7.0	7.7	7.0	7.0	7.0
BANNER III (MB 61-93)	7.0	4.0	7.7	7.3	7.7	7.0	7.7	6.0	6.0	6.7	5.7	9.0	7.7	6.7	7.7	6.7	7.0	6.7	8.0	6.9
CULUMBRA (MB 64-93)	6.7	3.0	5.7	6.0	8.3	6.7	8.7	5.7	6.0	7.3	6.7	8.3	9.0	6.7	7.7	7.0	8.0	7.0	7.0	6.9
K-2 (MB 65-93)	6.7	4.0	6.3	6.7	8.3	6.7	7.7	5.7	5.3	6.7	6.0	8.5	6.7	6.7	7.7	6.7	7.7	7.7	7.0	6.8
DARWIN	7.3	3.0	5.7	6.3	.	7.0	9.0	5.7	7.3	7.0	6.7	.	6.3	6.0	7.7	7.3	7.7	6.7	7.0	6.7
ISI-FC-62	7.0	4.0	6.7	6.3	7.7	7.0	7.0	5.7	6.3	6.7	5.7	5.5	7.0	6.7	7.7	7.0	7.7	7.0	7.0	6.6
BRITTANY	7.0	4.0	6.0	7.0	8.7	6.0	7.3	5.3	5.7	6.0	5.3	8.5	7.0	5.0	7.0	6.7	7.7	6.7	7.0	6.5
MEDINA	6.7	3.0	6.3	6.0	.	6.7	7.7	6.0	6.0	6.3	5.7	8.0	7.0	6.3	7.3	7.0	7.3	6.7	7.0	6.5
WX3-FF54	7.3	4.0	7.0	6.0	8.0	6.0	7.7	5.3	6.3	6.0	5.3	8.5	6.7	6.3	6.3	5.7	7.3	6.7	6.7	6.5
MB 66-93	4.7	4.0	5.3	7.3	7.3	6.3	7.7	6.0	5.3	7.3	6.3	8.5	5.0	6.7	6.7	6.7	7.0	6.7	7.3	6.4
SR 5100	7.0	4.0	5.7	6.0	8.3	5.7	8.0	6.0	4.7	6.3	5.7	8.0	6.3	5.7	7.7	6.0	6.7	6.7	7.0	6.4
JAMESTOWN	6.3	4.0	6.7	7.0	6.3	5.7	7.3	5.7	7.0	5.0	5.7	9.0	5.7	5.7	7.7	5.3	6.0	7.0	7.3	6.3
BANNER II	5.0	4.0	4.3	7.0	7.7	6.7	6.7	6.0	5.0	5.7	5.7	8.3	6.7	6.7	7.0	5.3	7.0	7.0	8.0	6.3
SHADOW (E)	6.0	4.0	5.3	6.0	7.0	6.3	7.0	6.0	5.3	6.3	5.3	8.0	6.3	6.0	6.3	6.0	7.0	7.0	8.0	6.3
SANDPIPER (PRO 92/20)	6.0	4.0	4.7	6.0	7.7	6.0	7.7	6.0	5.7	6.0	5.3	8.0	6.7	5.7	6.7	6.0	7.0	6.3	7.3	6.2
VICTORY II (PICK 4-91W)	7.0	4.0	6.3	6.7	7.0	6.0	7.3	6.0	4.0	6.0	6.0	8.3	6.0	4.7	6.3	6.0	7.0	7.0	7.0	6.2
BRIDGEPORT	7.0	4.0	5.0	6.0	7.3	5.7	7.3	6.0	4.7	6.0	5.0	8.0	6.0	6.3	6.7	5.3	7.0	7.0	7.0	6.2
TIFFANY	4.7	4.0	6.0	6.0	7.3	6.3	7.3	5.7	5.3	6.3	5.3	8.0	6.3	6.3	6.7	6.0	6.3	6.3	7.0	6.2
TMI-3CE	7.0	4.0	4.7	6.3	7.3	6.7	7.7	5.7	5.7	6.0	6.3	6.3	5.0	6.3	6.0	6.3	6.7	6.0	7.3	6.2
VICTORY (E)	6.3	4.0	5.3	7.0	7.0	5.7	6.7	5.7	5.3	5.7	5.7	8.0	5.7	5.3	7.0	5.3	6.3	6.3	7.3	6.1
TREAZURE (ZPS-MG)	6.0	4.0	4.7	6.7	7.0	6.3	7.0	5.7	4.3	5.3	6.0	8.0	6.3	5.3	7.0	5.7	6.0	6.3	7.3	6.1
JAMESTOWN II	6.3	4.0	4.3	6.7	7.0	6.0	7.0	5.3	5.3	5.3	5.7	8.0	5.3	5.0	7.3	5.3	6.7	6.7	7.0	6.0
SHADOW II (PST-44D)	6.0	3.0	5.7	6.0	7.0	6.0	7.0	5.3	4.3	6.0	6.7	8.0	5.7	4.3	7.0	6.3	7.0	5.7	6.7	6.0
MOLINDA	4.3	3.0	6.0	6.0	7.0	5.7	6.3	6.0	6.7	5.0	5.3	8.0	6.0	5.7	5.3	6.3	7.0	6.3	7.3	6.0
CASCADE	4.3	4.0	6.0	6.3	7.0	6.0	6.3	5.7	5.0	4.3	4.7	5.0	5.3	6.3	7.0	4.0	6.7	6.7	7.0	5.7
LSD VALUE	1.7	1.2	1.9	1.3	0.9	1.0	0.9	1.0	1.9	1.3	1.6	1.0	1.1	1.4	1.1	0.9	0.8	0.7	0.6	0.3
C.V. (%)	17.2	20.1	20.4	12.9	7.7	9.6	7.9	10.8	21.0	12.7	16.7	6.7	10.5	14.8	9.4	9.2	7.0	6.8	5.0	12.0

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 MEANS IN EACH COLUMN.

TABLE 5E.

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
BAR FRR 4ZBD	7.3	1.0	6.3	6.7	9.0	6.7	8.3	6.0	7.0	7.0	6.0	8.3	8.0	7.7	7.0	8.0	6.7	7.7	7.0	6.9
PST-4VB ENDO.	6.3	1.0	9.0	6.0	8.7	6.3	8.3	6.3	6.7	7.7	6.0	8.3	8.0	7.0	7.0	8.0	7.0	7.0	7.0	6.9
SHADEMASTER II	6.3	1.0	7.3	6.7	8.7	6.3	8.0	6.3	6.7	6.3	6.3	8.3	8.0	7.3	6.7	7.3	7.0	7.0	8.0	6.8
PST-4DT	6.3	1.0	7.3	6.3	8.3	6.0	7.3	6.3	6.3	6.3	5.3	8.7	8.0	7.0	7.7	7.3	7.0	7.3	7.0	6.7
FLYER II (ZPS-4BN)	6.7	1.0	5.7	7.0	8.0	6.3	8.0	5.7	6.3	6.7	6.0	6.3	8.7	7.3	7.0	7.3	7.3	7.7	7.7	6.7
CAS-FR13	7.7	1.0	6.3	6.0	8.7	6.0	8.0	6.0	6.7	6.0	5.7	7.0	7.0	7.3	7.3	7.7	8.0	7.0	7.0	6.6
PST-4ST	5.0	1.0	7.3	6.7	8.7	6.3	8.3	6.3	5.7	6.3	5.7	8.3	7.7	7.3	7.0	6.7	6.7	7.0	7.3	6.6
JASPER (E)	6.0	2.0	5.7	5.7	9.0	6.3	7.0	5.7	6.7	6.0	6.3	8.7	7.3	6.7	7.0	7.0	6.7	7.3	7.0	6.5
WX3-FFG6	6.3	4.0	6.3	6.7	8.3	6.3	7.3	6.0	5.3	6.0	5.3	8.5	6.3	5.0	7.0	6.3	7.0	6.3	7.0	6.4
SILVERLAWN (WVPB-STCR-101)	5.0	2.0	6.7	5.3	8.0	6.3	7.7	5.3	5.3	6.7	6.0	8.0	7.0	6.7	7.0	6.7	7.0	6.7	7.0	6.3
FLYER	6.0	1.0	5.7	6.0	7.3	6.0	6.7	6.0	5.3	5.3	6.0	8.3	7.3	7.7	8.0	6.7	7.3	6.7	7.0	6.3
COMMON CREEPING	6.3	1.0	5.0	6.3	6.3	5.0	6.7	6.0	6.0	5.3	5.3	6.0	6.7	5.7	7.0	6.3	6.7	6.3	7.0	5.8
BAR UR 204	3.3	1.0	5.7	7.0	6.3	6.0	7.0	6.0	5.0	4.7	5.7	8.5	5.7	6.0	7.0	5.0	5.7	6.0	7.0	5.7
ARUBA	3.7	1.0	5.3	5.7	6.0	4.7	5.7	6.0	5.3	3.3	4.3	8.3	6.3	4.3	7.7	6.3	5.3	5.7	7.3	5.4
RONDO	3.3	1.0	5.0	6.7	.	5.0	7.0	7.0	5.7	3.0	4.7	7.5	5.3	6.0	6.7	6.0	4.3	5.3	6.7	5.3
LSD VALUE	1.7	1.0	2.1	1.5	1.1	0.7	1.2	0.6	1.7	1.1	1.5	1.3	1.2	1.5	1.1	1.0	1.2	0.9	0.5	0.3
C.V. (%)	18.5	47.4	20.5	14.4	8.2	7.5	9.8	6.5	17.7	12.1	16.7	9.4	10.8	14.3	9.3	8.7	11.7	8.0	4.2	12.4

TABLE 5F.

GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	IL2	KS1	KY1	MA1	ME1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	MEAN
VERNON (MB 83-93)	6.3	4.0	4.3	6.7	8.3	7.3	7.7	6.0	7.0	6.7	6.3	8.7	7.0	5.3	7.7	7.7	8.0	7.0	7.0	6.8
MB 82-93	6.0	4.0	6.7	6.3	8.0	6.7	7.7	6.0	6.0	7.7	6.0	8.7	7.0	5.0	7.7	7.0	8.0	7.0	7.0	6.8
SR 3100	6.3	4.0	5.0	7.0	7.3	7.0	8.0	6.0	6.7	6.3	5.7	8.3	6.3	5.7	8.0	7.0	7.3	7.0	7.3	6.6
DEFIANCE (MB 81-93)	5.0	3.0	4.7	6.7	7.7	7.0	8.7	6.3	7.3	6.7	5.7	8.5	7.0	5.0	8.0	7.0	7.0	7.3	7.0	6.6
SPARTAN	5.0	4.0	7.3	6.3	7.7	7.0	7.3	6.3	7.0	6.0	6.0	8.3	6.3	5.0	7.3	7.0	7.3	7.0	7.0	6.6
DISCOVERY	5.7	4.0	6.0	7.0	7.7	6.0	7.7	6.3	6.0	6.3	7.0	8.3	5.7	4.3	8.0	7.0	6.7	6.7	7.0	6.5
NORDIC	5.7	4.0	5.3	6.7	7.3	6.3	8.0	6.0	5.3	5.3	7.0	8.0	6.0	5.7	8.3	7.0	7.0	7.3	7.0	6.5
OSPREY (PRO 92/24)	5.3	3.0	6.7	6.7	7.7	6.7	8.0	5.7	8.0	5.3	6.0	7.7	6.3	5.0	8.0	7.0	6.3	7.0	7.0	6.5
BRIGADE	5.0	4.0	5.0	5.3	7.0	7.0	8.0	6.0	6.3	6.3	6.3	7.7	7.0	5.3	8.0	7.0	7.7	7.0	7.0	6.5
RELIANT II	6.0	2.0	4.7	6.7	7.7	7.3	7.0	6.0	6.0	6.0	5.7	9.0	7.0	5.3	8.3	7.0	6.3	7.0	7.7	6.5
AURORA W/ENDO.	5.0	2.0	5.7	6.0	6.7	7.0	7.7	6.3	6.7	6.3	6.0	7.3	6.0	5.0	8.3	7.0	6.7	7.0	7.0	6.3
PAMELA	6.0	3.0	5.7	7.0	7.0	6.7	6.7	6.0	6.3	5.0	5.7	8.0	6.7	5.0	7.3	7.0	6.7	7.0	7.0	6.3
SCALDIS	5.7	2.0	5.0	6.3	5.7	7.0	7.7	5.3	4.7	6.3	5.7	8.0	7.0	6.3	7.0	7.3	7.7	7.3	7.0	6.3
ECOSTAR	4.7	3.0	6.0	7.0	6.0	6.7	7.7	5.7	5.3	5.3	5.7	8.0	6.3	4.7	7.3	6.7	7.7	7.0	7.0	6.2
LSD VALUE	1.4	2.0	2.6	1.5	1.2	1.0	1.3	0.7	1.9	1.5	1.5	0.8	1.7	1.8	1.0	0.4	1.9	0.5	0.4	0.3
C.V. (%)	15.5	37.3	28.8	14.1	10.0	9.0	10.4	6.8	18.7	15.5	15.1	5.7	15.0	21.0	8.1	3.8	16.4	4.4	3.1	13.6

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

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

TABLE 6A.

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1996 DATA

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

NAME	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
MOLINDA	6.3	6.3	6.3	7.0	5.0	6.3	4.5	3.0	7.0	6.7	6.3	6.3	5.9
ECO (MB 63-93)	5.3	6.3	5.0	6.3	6.0	6.0	6.0	3.0	7.0	5.7	6.0	6.7	5.8
MEDINA	6.0	6.0	6.0	.	5.7	6.0	7.0	2.7	6.3	4.7	5.7	7.0	5.7
ARUBA	6.0	6.7	6.0	6.7	5.3	6.3	7.0	3.7	6.7	3.3	5.3	5.7	5.7
PST-4DT	5.0	5.7	6.0	6.3	5.7	6.3	7.7	3.0	6.3	3.7	5.7	6.7	5.7
SHADOW (E)	5.7	6.3	6.0	6.0	5.3	6.0	6.3	2.3	6.0	5.7	5.7	6.3	5.6
CAS-FR13	5.7	6.3	6.0	6.7	6.0	6.3	7.5	2.7	6.3	3.0	6.0	5.0	5.6
MB 66-93	6.0	5.7	5.3	6.0	5.7	6.0	5.0	3.7	7.0	4.0	6.0	7.0	5.6
JASPER (E)	4.7	6.7	5.7	5.3	5.7	5.7	7.7	2.7	6.3	4.3	5.3	6.7	5.6
PST-4VB ENDO.	5.0	6.3	6.3	7.0	6.7	6.0	8.0	2.7	5.0	2.7	5.0	6.0	5.6
67135	8.7	9.0	6.3	5.0	5.0	4.7	.	3.3	6.3	1.7	6.0	4.7	5.5
CASCADE	6.0	6.7	6.0	5.0	4.0	5.7	7.0	2.7	6.3	3.7	5.3	7.0	5.4
FLYER	4.7	6.0	6.0	7.0	5.0	5.7	7.0	2.7	6.3	3.0	6.0	6.0	5.4
JAMESTOWN	5.7	5.7	5.3	6.0	5.0	6.0	6.0	2.7	6.3	4.7	5.3	6.7	5.4
CULUMERA (MB 64-93)	5.3	5.7	5.7	5.7	5.3	6.0	6.7	2.0	6.7	5.0	5.0	6.3	5.4
TREASURE (ZPS-MG)	5.3	5.3	4.7	6.5	4.7	6.0	8.0	3.0	5.7	5.7	5.0	5.0	5.4
SEABREEZE	5.0	6.3	6.0	.	5.0	6.3	7.3	2.7	5.0	3.7	6.0	6.0	5.4
FLYER II (ZPS-4BN)	5.3	5.3	6.7	6.0	5.7	6.3	8.0	2.3	5.0	4.3	5.3	4.3	5.4
QUATRO (FO 143)	4.3	6.0	6.3	.	6.7	6.0	6.7	3.7	5.7	2.0	6.0	5.7	5.4
PAMELA	5.3	5.0	6.7	7.0	5.7	5.3	6.7	3.3	5.7	3.3	5.7	4.7	5.4
SHADOW II (PST-44D)	5.7	6.0	4.7	5.7	5.3	5.7	6.0	2.7	7.0	3.7	5.0	7.0	5.4
MB 82-93	4.3	6.0	6.0	6.0	4.3	5.7	7.0	3.3	5.7	3.7	6.0	6.0	5.3
SILVERLAWN (WVPB-STCR-101)	4.7	6.3	5.3	7.5	5.0	6.0	6.5	3.0	5.7	3.3	5.3	5.3	5.3
TIFFANY	4.3	6.3	5.0	5.3	5.0	6.0	7.0	2.3	5.3	7.0	5.0	5.3	5.3
K-2 (MB 65-93)	6.0	5.7	5.3	5.5	4.3	6.0	6.0	2.7	6.3	4.3	5.7	6.0	5.3
WX3-FFG6	5.3	6.0	5.0	6.0	5.0	6.3	7.0	2.7	6.3	4.3	5.3	4.3	5.3
BAR FRR 4ZBD	5.0	6.3	6.0	6.3	6.7	5.3	7.0	3.0	5.3	2.3	5.3	4.7	5.3
WX3-FF54	5.0	5.7	5.0	6.0	4.7	6.3	7.0	3.3	5.3	4.7	4.7	5.7	5.3
BAR UR 204	6.0	6.0	5.7	5.0	4.3	6.0	7.0	3.0	6.0	2.0	5.3	6.7	5.3
SR 5100	5.3	6.0	6.0	5.0	4.0	5.7	7.0	2.3	5.7	5.7	4.7	5.7	5.3
ISI-FC-62	5.0	5.7	5.0	6.0	5.0	5.3	6.5	2.7	6.0	4.0	5.7	6.0	5.2
PST-4ST	4.0	5.7	5.3	5.7	6.0	6.0	8.0	2.3	5.0	3.7	5.3	5.7	5.2
VICTORY (E)	5.7	5.0	5.7	5.3	4.7	6.0	7.0	2.3	6.0	4.3	5.3	5.0	5.2
DEFIANCE (MB 81-93)	5.0	5.0	7.0	5.3	4.7	5.7	7.0	3.7	4.7	3.7	5.3	5.3	5.2
DAWSON	5.0	6.0	5.7	.	5.7	5.7	7.0	2.3	5.3	3.0	5.3	6.0	5.2
SHADEMASTER II	3.7	6.3	5.7	5.7	6.0	6.0	7.7	2.7	4.7	3.0	5.0	5.7	5.2
BRIGADE	4.7	6.0	7.3	6.0	5.0	5.7	6.0	3.7	3.7	3.0	5.7	5.0	5.1
NJ F-93	4.3	5.0	5.0	6.0	6.0	5.7	7.5	2.7	5.0	4.3	4.7	5.3	5.1
BRIDGEPORT	5.0	5.3	5.7	6.0	4.3	5.3	6.3	2.3	5.3	5.7	5.0	5.0	5.1
BRITTANY	5.0	5.5	4.7	5.0	4.3	6.0	6.5	2.3	6.0	5.0	5.3	5.3	5.1
VICTORY II (PICK 4-91W)	4.7	5.7	5.0	5.7	4.3	5.7	6.7	2.3	6.0	4.7	5.7	4.7	5.1
COMMON CREEPING	5.0	5.3	6.3	.	5.3	6.0	6.5	2.7	5.7	2.3	5.7	4.7	5.0
BANNER II	5.7	5.3	5.3	5.3	5.3	6.0	6.3	2.0	5.0	4.0	4.7	5.3	5.0
JAMESTOWN II	5.3	5.0	5.3	6.0	4.3	5.3	6.0	2.3	6.0	4.0	5.0	5.7	5.0
TMI-3CE	5.0	5.0	5.0	5.7	4.7	5.7	6.7	2.3	5.7	4.7	5.0	5.0	5.0
VERNON (MB 83-93)	4.3	5.0	7.7	6.0	6.3	5.7	7.7	3.7	3.0	2.0	5.0	4.0	5.0
SANDPIPER (PRO 92/20)	5.0	5.7	5.7	5.0	5.0	5.7	6.3	2.0	6.0	3.7	5.3	4.7	5.0
SPARTAN	5.3	4.3	8.0	5.7	5.0	5.3	6.7	3.3	4.7	2.3	4.7	4.7	5.0
BANNER III (MB 61-93)	5.0	5.7	5.0	5.3	6.0	5.7	6.3	1.7	6.0	4.0	5.0	4.0	5.0
AURORA W/ENDO.	5.0	4.7	6.7	.	5.0	5.7	7.0	4.0	4.0	2.3	5.0	5.0	4.9

TABLE 6A. (CONT'D)

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS
 1996 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN												
	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
ECOSTAR	4.3	4.7	7.3	6.0	5.0	5.7	6.0	3.7	4.0	3.7	5.3	3.0	4.9
SCALDIS	4.7	4.3	7.0	.	6.0	5.3	6.3	3.7	4.3	2.3	5.3	4.3	4.9
NORDIC	5.3	4.3	7.3	5.0	6.7	5.7	6.3	3.7	3.7	2.0	4.3	4.0	4.9
RONDO	5.0	5.7	5.0	.	4.3	6.0	6.0	2.3	4.3	3.3	5.3	4.7	4.7
SR 3100	4.3	4.0	7.3	5.5	5.0	5.3	7.0	2.7	3.3	2.3	5.3	4.0	4.7
OSPREY (PRO 92/24)	3.7	3.7	6.3	5.3	5.0	5.7	6.3	3.3	4.0	2.7	5.3	4.7	4.7
RELIANT II	4.7	4.0	6.3	5.0	4.3	5.7	6.3	3.3	5.0	2.0	5.0	4.0	4.6
DARWIN	4.3	5.7	5.0	.	5.0	6.0	.	2.7	5.3	3.0	5.0	4.3	4.6
DISCOVERY	4.3	4.3	7.7	5.0	5.0	6.0	6.3	2.7	3.3	2.3	4.3	3.3	4.6
LSD VALUE	1.4	1.2	1.1	1.2	1.4	0.9	1.2	0.9	1.4	0.9	1.0	1.5	0.3
C.V. (%)	17.3	12.8	11.5	11.4	16.3	9.6	10.3	20.5	15.4	15.8	12.1	18.0	14.1

TABLE 6B.

 SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1996 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/											
	IA1	IL1	KS1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
SEABREEZE	5.0	6.3	6.0	5.0	6.3	7.3	2.7	5.0	3.7	6.0	6.0	5.4
DAWSON	5.0	6.0	5.7	5.7	5.7	7.0	2.3	5.3	3.0	5.3	6.0	5.2
LSD VALUE	1.6	1.3	1.3	1.3	0.9	2.2	0.9	1.7	0.7	0.7	2.0	0.4
C.V. (%)	20.0	13.2	14.0	15.3	9.6	17.4	23.1	20.9	12.2	7.2	20.4	16.1

TABLE 6C.

 SPRING GREENUP RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1996 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/												
	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
67135	8.7	9.0	6.3	5	5.0	4.7	.	3.3	6.3	1.7	6	4.7	5.5
QUATRO (FO 143)	4.3	6.0	6.3	.	6.7	6.0	6.7	3.7	5.7	2.0	6	5.7	5.4
LSD VALUE	1.9	1.1	0.9	.	1.7	0.7	1.9	0.9	0.9	0.7	0	1.9	0.4
C.V. (%)	17.8	9.4	9.1	.	18.5	7.7	17.3	16.5	9.6	22.3	0	22.3	14.3

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

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

TABLE 6D.

 SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/
 1996 DATA

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

NAME	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
MOLINDA	6.3	6.3	6.3	7.0	5.0	6.3	4.5	3.0	7.0	6.7	6.3	6.3	5.9
ECO (MB 63-93)	5.3	6.3	5.0	6.3	6.0	6.0	6.0	3.0	7.0	5.7	6.0	6.7	5.8
MEDINA	6.0	6.0	6.0	.	5.7	6.0	7.0	2.7	6.3	4.7	5.7	7.0	5.7
SHADOW (E)	5.7	6.3	6.0	6.0	5.3	6.0	6.3	2.3	6.0	5.7	5.7	6.3	5.6
MB 66-93	6.0	5.7	5.3	6.0	5.7	6.0	5.0	3.7	7.0	4.0	6.0	7.0	5.6
CASCADE	6.0	6.7	6.0	5.0	4.0	5.7	7.0	2.7	6.3	3.7	5.3	7.0	5.4
JAMESTOWN	5.7	5.7	5.3	6.0	5.0	6.0	6.0	2.7	6.3	4.7	5.3	6.7	5.4
CULUMBRA (MB 64-93)	5.3	5.7	5.7	5.7	5.3	6.0	6.7	2.0	6.7	5.0	5.0	6.3	5.4
TREAZURE (ZPS-MG)	5.3	5.3	4.7	6.5	4.7	6.0	8.0	3.0	5.7	5.7	5.0	5.0	5.4
SHADOW II (PST-44D)	5.7	6.0	4.7	5.7	5.3	5.7	6.0	2.7	7.0	3.7	5.0	7.0	5.4
TIFFANY	4.3	6.3	5.0	5.3	5.0	6.0	7.0	2.3	5.3	7.0	5.0	5.3	5.3
K-2 (MB 65-93)	6.0	5.7	5.3	5.5	4.3	6.0	6.0	2.7	6.3	4.3	5.7	6.0	5.3
WX3-EF54	5.0	5.7	5.0	6.0	4.7	6.3	7.0	3.3	5.3	4.7	4.7	5.7	5.3
SR 5100	5.3	6.0	6.0	5.0	4.0	5.7	7.0	2.3	5.7	5.7	4.7	5.7	5.3
ISI-FC-62	5.0	5.7	5.0	6.0	5.0	5.3	6.5	2.7	6.0	4.0	5.7	6.0	5.2
VICTORY (E)	5.7	5.0	5.7	5.3	4.7	6.0	7.0	2.3	6.0	4.3	5.3	5.0	5.2
NJ F-93	4.3	5.0	5.0	6.0	6.0	5.7	7.5	2.7	5.0	4.3	4.7	5.3	5.1
BRIDGEPORT	5.0	5.3	5.7	6.0	4.3	5.3	6.3	2.3	5.3	5.7	5.0	5.0	5.1
BRITTANY	5.0	5.5	4.7	5.0	4.3	6.0	6.5	2.3	6.0	5.0	5.3	5.3	5.1
VICTORY II (PICK 4-91W)	4.7	5.7	5.0	5.7	4.3	5.7	6.7	2.3	6.0	4.7	5.7	4.7	5.1
BANNER II	5.7	5.3	5.3	5.3	5.3	6.0	6.3	2.0	5.0	4.0	4.7	5.3	5.0
JAMESTOWN II	5.3	5.0	5.3	6.0	4.3	5.3	6.0	2.3	6.0	4.0	5.0	5.7	5.0
TMI-3CE	5.0	5.0	5.0	5.7	4.7	5.7	6.7	2.3	5.7	4.7	5.0	5.0	5.0
SANDPIPER (PRO 92/20)	5.0	5.7	5.7	5.0	5.0	5.7	6.3	2.0	6.0	3.7	5.3	4.7	5.0
BANNER III (MB 61-93)	5.0	5.7	5.0	5.3	6.0	5.7	6.3	1.7	6.0	4.0	5.0	4.0	5.0
DARWIN	4.3	5.7	5.0	.	5.0	6.0	.	2.7	5.3	3.0	5.0	4.3	4.6
LSD VALUE	1.3	1.1	1.0	1.1	1.3	0.7	1.3	0.9	1.2	1.1	0.9	1.6	0.3
C.V. (%)	15.2	12.2	11.8	11.0	16.8	7.7	10.4	21.4	12.6	14.2	11.2	17.5	13.3

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 MEANS IN EACH COLUMN.

TABLE 6E.

 SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1996 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/												
	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
ARUBA	6.0	6.7	6.0	6.7	5.3	6.3	7.0	3.7	6.7	3.3	5.3	5.7	5.7
PST-4DT	5.0	5.7	6.0	6.3	5.7	6.3	7.7	3.0	6.3	3.7	5.7	6.7	5.7
CAS-FR13	5.7	6.3	6.0	6.7	6.0	6.3	7.5	2.7	6.3	3.0	6.0	5.0	5.6
JASPER (E)	4.7	6.7	5.7	5.3	5.7	5.7	7.7	2.7	6.3	4.3	5.3	6.7	5.6
PST-4VB ENDO.	5.0	6.3	6.3	7.0	6.7	6.0	8.0	2.7	5.0	2.7	5.0	6.0	5.6
FLYER	4.7	6.0	6.0	7.0	5.0	5.7	7.0	2.7	6.3	3.0	6.0	6.0	5.4
FLYER II (ZPS-4BN)	5.3	5.3	6.7	6.0	5.7	6.3	8.0	2.3	5.0	4.3	5.3	4.3	5.4
SILVERLAWN (WVPB-STCR-101)	4.7	6.3	5.3	7.5	5.0	6.0	6.5	3.0	5.7	3.3	5.3	5.3	5.3
WX3-FFG6	5.3	6.0	5.0	6.0	5.0	6.3	7.0	2.7	6.3	4.3	5.3	4.3	5.3
BAR FRR 4ZBD	5.0	6.3	6.0	6.3	6.7	5.3	7.0	3.0	5.3	2.3	5.3	4.7	5.3
BAR UR 204	6.0	6.0	5.7	5.0	4.3	6.0	7.0	3.0	6.0	2.0	5.3	6.7	5.3
PST-4ST	4.0	5.7	5.3	5.7	6.0	6.0	8.0	2.3	5.0	3.7	5.3	5.7	5.2
SHADEMASTER II	3.7	6.3	5.7	5.7	6.0	6.0	7.7	2.7	4.7	3.0	5.0	5.7	5.2
COMMON CREEPING	5.0	5.3	6.3	.	5.3	6.0	6.5	2.7	5.7	2.3	5.7	4.7	5.0
RONDO	5.0	5.7	5.0	.	4.3	6.0	6.0	2.3	4.3	3.3	5.3	4.7	4.7
LSD VALUE	1.5	1.1	1.2	1.3	1.3	1.0	1.0	0.9	1.2	0.9	1.1	1.6	0.3
C.V. (%)	18.9	11.3	13.1	12.1	14.8	10.2	7.7	20.2	13.4	17.2	12.3	18.3	13.8

TABLE 6F.

 SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/
 1996 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/												
	IA1	IL1	KS1	KY1	MA1	MI1	OH1	OK1	PA1	RI1	UB1	WA1	MEAN
PAMELA	5.3	5.0	6.7	7.0	5.7	5.3	6.7	3.3	5.7	3.3	5.7	4.7	5.4
MB 82-93	4.3	6.0	6.0	6.0	4.3	5.7	7.0	3.3	5.7	3.7	6.0	6.0	5.3
DEFIANCE (MB 81-93)	5.0	5.0	7.0	5.3	4.7	5.7	7.0	3.7	4.7	3.7	5.3	5.3	5.2
BRIGADE	4.7	6.0	7.3	6.0	5.0	5.7	6.0	3.7	3.7	3.0	5.7	5.0	5.1
VERNON (MB 83-93)	4.3	5.0	7.7	6.0	6.3	5.7	7.7	3.7	3.0	2.0	5.0	4.0	5.0
SPARTAN	5.3	4.3	8.0	5.7	5.0	5.3	6.7	3.3	4.7	2.3	4.7	4.7	5.0
AURORA W/ENDO.	5.0	4.7	6.7	.	5.0	5.7	7.0	4.0	4.0	2.3	5.0	5.0	4.9
ECOSTAR	4.3	4.7	7.3	6.0	5.0	5.7	6.0	3.7	4.0	3.7	5.3	3.0	4.9
SCALDIS	4.7	4.3	7.0	.	6.0	5.3	6.3	3.7	4.3	2.3	5.3	4.3	4.9
NORDIC	5.3	4.3	7.3	5.0	6.7	5.7	6.3	3.7	3.7	2.0	4.3	4.0	4.9
SR 3100	4.3	4.0	7.3	5.5	5.0	5.3	7.0	2.7	3.3	2.3	5.3	4.0	4.7
OSPREY (PRO 92/24)	3.7	3.7	6.3	5.3	5.0	5.7	6.3	3.3	4.0	2.7	5.3	4.7	4.7
RELIANT II	4.7	4.0	6.3	5.0	4.3	5.7	6.3	3.3	5.0	2.0	5.0	4.0	4.6
DISCOVERY	4.3	4.3	7.7	5.0	5.0	6.0	6.3	2.7	3.3	2.3	4.3	3.3	4.6
LSD VALUE	1.4	1.3	1.1	1.2	1.4	1.1	1.2	1.1	1.7	0.8	1.2	1.2	0.4
C.V. (%)	19.0	16.8	9.5	10.9	17.0	12.0	10.6	19.6	24.6	18.1	14.9	17.1	15.4

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

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

TABLE 7A.

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA

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

NAME	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
QUATRO (FO 143)	8.0	8.3	6.0	9.0	6.0	8.3	7.3	8.7	9.0	8.5	8.3	9.0	9.0	8.7	8.2
SHADOW II (PST-44D)	7.7	8.3	7.3	9.0	6.0	9.0	8.0	8.3	8.7	8.0	8.0	9.0	8.0	8.7	8.1
ECOSTAR	7.0	8.7	6.7	8.7	6.0	8.3	8.7	8.7	8.3	8.0	8.3	9.0	8.0	8.0	8.0
RELIANT II	7.7	7.3	6.7	9.0	6.0	9.0	8.0	8.3	9.0	8.0	8.0	9.0	8.3	8.0	8.0
DEFIANCE (MB 81-93)	7.0	7.3	7.3	9.0	6.0	9.0	7.3	8.3	9.0	7.7	8.0	9.0	8.3	8.0	8.0
SR 3100	7.0	7.3	7.0	9.0	6.0	8.3	8.3	8.3	9.0	8.0	8.0	9.0	8.0	8.0	8.0
DISCOVERY	7.0	7.3	7.0	9.0	6.0	8.7	8.0	8.3	9.0	8.0	8.0	9.0	8.0	8.0	8.0
AURORA W/ENDO.	6.7	7.7	6.7	9.0	6.0	8.3	8.3	9.0	8.3	8.0	8.0	9.0	8.3	7.7	7.9
VICTORY II (PICK 4-91W)	7.0	8.7	7.3	9.0	6.0	9.0	6.3	8.0	8.7	7.7	8.0	9.0	8.0	8.0	7.9
MB 82-93	7.0	7.3	7.0	9.0	6.0	8.7	7.7	7.7	9.0	8.0	8.0	9.0	8.3	8.0	7.9
SEABREEZE	7.7	7.7	7.3	.	6.0	9.0	6.3	8.0	9.0	7.7	8.0	9.0	8.0	8.7	7.9
BRITTANY	7.0	7.7	7.3	9.0	6.0	9.0	6.7	8.0	8.5	7.7	8.0	9.0	8.0	8.3	7.9
BRIDGEPORT	7.3	8.0	7.3	8.7	6.0	8.3	6.0	8.3	8.7	8.0	8.0	9.0	8.0	8.3	7.9
TREAZURE (ZPS-MG)	7.3	7.7	7.0	9.0	6.0	8.3	6.7	7.7	9.0	8.0	8.0	9.0	8.0	8.3	7.9
NORDIC	6.7	8.7	7.3	9.0	6.0	8.3	6.7	7.3	8.7	8.0	8.0	9.0	8.0	8.0	7.8
TMI-3CE	7.3	7.3	7.0	8.7	6.0	9.0	6.3	8.3	9.0	7.7	8.0	9.0	8.0	8.0	7.8
SANDPIPER (PRO 92/20)	6.7	7.3	6.7	8.7	6.0	9.0	6.7	8.7	9.0	8.0	7.7	9.0	8.0	8.3	7.8
WX3-FF54	7.0	7.3	7.7	8.0	6.0	8.3	7.7	8.0	8.5	8.0	8.0	9.0	8.0	8.0	7.8
JAMESTOWN II	7.3	8.3	6.7	8.3	6.0	9.0	5.0	8.3	8.5	8.0	8.0	9.0	8.0	8.7	7.8
VICTORY (E)	7.7	7.7	7.0	8.7	6.0	8.7	6.0	7.3	9.0	8.0	8.0	9.0	8.0	8.0	7.8
ECO (MB 63-93)	7.3	8.3	7.3	9.0	6.0	8.3	5.7	7.0	8.5	7.7	8.0	9.0	8.0	8.3	7.8
K-2 (MB 65-93)	7.0	8.0	6.7	9.0	6.0	9.0	5.0	8.3	9.0	7.7	7.7	9.0	8.0	8.0	7.7
SHADOW (E)	6.7	7.7	7.3	8.7	6.0	9.0	5.3	8.0	8.7	8.0	7.7	9.0	8.0	8.3	7.7
SR 5100	7.3	7.7	6.7	8.7	6.0	8.3	5.3	9.0	8.3	8.0	8.0	9.0	8.0	8.0	7.7
TIFFANY	7.0	7.3	7.0	8.7	6.0	8.7	5.7	8.7	8.5	8.0	7.7	9.0	8.0	8.0	7.7
VERNON (MB 83-93)	6.7	7.7	7.0	9.0	6.0	8.0	6.3	8.3	8.3	7.5	8.0	9.0	8.3	8.0	7.7
DAWSON	7.7	7.7	7.0	.	6.0	8.3	6.0	7.3	9.0	8.0	7.7	9.0	8.0	8.7	7.7
NJ F-93	7.3	8.0	7.7	8.0	6.0	9.0	6.3	6.3	8.5	8.3	7.3	9.0	8.0	8.0	7.7
DARWIN	7.3	7.7	7.0	.	6.0	9.0	5.7	8.0	.	8.0	8.3	9.0	8.3	8.0	7.7
ISI-FC-62	6.7	7.7	7.0	9.0	6.0	8.7	4.7	8.0	9.0	8.0	8.0	9.0	8.0	8.0	7.7
OSPREY (PRO 92/24)	7.3	7.3	4.3	9.0	6.0	8.3	8.0	7.3	8.7	8.0	8.0	9.0	8.0	8.0	7.7
MEDINA	7.0	7.7	7.0	.	6.0	9.0	6.7	6.7	9.0	7.3	8.0	9.0	8.0	8.3	7.7
PAMELA	6.7	7.3	7.0	8.3	6.0	8.3	7.3	7.3	8.7	7.5	7.7	9.0	8.0	8.0	7.7
RONDO	8.0	7.3	7.7	.	6.0	8.7	5.0	7.0	8.5	7.7	8.0	9.0	8.0	8.7	7.7
MB 66-93	7.3	7.3	7.3	8.3	6.0	8.7	4.0	8.7	9.0	7.3	7.7	9.0	8.3	8.0	7.6
BANNER II	7.3	7.7	6.7	8.3	6.0	8.3	5.7	7.7	8.3	7.7	8.0	9.0	8.0	8.0	7.6
BANNER III (MB 61-93)	6.7	7.3	7.0	9.0	6.0	8.7	5.0	7.3	8.7	8.0	7.7	9.0	8.0	8.0	7.6
CULUMBRA (MB 64-93)	7.0	7.3	7.3	8.3	6.0	9.0	4.7	7.0	8.3	8.3	7.7	9.0	8.0	8.3	7.6
SPARTAN	6.3	7.7	7.0	8.7	6.0	8.0	7.0	8.3	8.3	6.0	8.0	9.0	8.0	8.0	7.6
BAR UR 204	6.7	7.7	6.3	8.3	6.0	8.3	5.3	7.3	8.5	8.0	8.0	9.0	8.0	8.7	7.6
SCALDIS	6.0	7.3	7.0	8.3	6.0	8.0	7.0	7.7	9.0	7.0	7.7	9.0	8.0	8.0	7.6
BRIGADE	6.3	7.7	4.7	8.7	6.0	8.7	6.0	6.7	9.0	9.0	8.0	9.0	8.3	8.0	7.6
FLYER II (ZPS-4BN)	7.0	7.3	6.7	8.7	6.0	8.0	5.7	8.0	8.3	7.0	8.0	8.7	8.3	8.3	7.6
JAMESTOWN	6.3	7.3	6.7	8.7	6.0	9.0	5.0	7.7	9.0	8.0	7.3	9.0	8.0	8.0	7.6
WX3-FFG6	7.0	6.7	7.0	8.0	6.0	9.0	5.0	7.3	8.5	8.0	8.0	9.0	8.0	8.0	7.5
SHADEMASTER II	7.0	7.7	6.7	9.0	6.0	8.7	5.7	6.3	8.3	7.7	7.3	9.0	8.0	8.0	7.5
PST-4ST	7.0	7.3	6.7	8.7	6.0	8.7	4.3	7.3	8.3	7.7	8.0	9.0	8.0	8.0	7.5
MOLINDA	7.0	7.7	7.3	7.5	6.0	9.0	5.0	6.7	8.5	7.3	8.3	9.0	7.3	8.3	7.5
PST-4VB ENDO.	7.0	7.3	7.0	8.3	6.0	8.7	5.3	7.0	8.0	7.3	7.7	9.0	8.0	8.0	7.5
PST-4DT	7.0	7.7	6.3	8.3	6.0	8.7	4.7	6.7	8.3	7.3	8.0	9.0	8.0	8.0	7.4

TABLE 7A. (CONT'D)

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS
1996 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE														
	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
JASPER (E)	6.3	7.7	6.7	8.3	6.0	8.3	4.7	7.0	8.3	7.0	8.0	9.0	8.0	7.7	7.4
ARUBA	6.3	7.0	7.0	8.7	6.0	8.7	4.7	6.3	8.3	7.0	8.0	9.0	8.0	8.0	7.4
CASCADE	6.3	7.7	7.0	8.0	6.0	8.7	2.7	7.7	8.3	8.0	7.7	8.7	7.7	8.0	7.3
SILVERLAWN (WVPB-STCR-101)	6.7	7.7	6.7	8.3	6.0	8.7	4.7	6.0	8.0	7.3	7.7	9.0	7.7	8.0	7.3
CAS-FR13	6.3	7.7	7.0	8.3	6.0	8.3	3.3	8.0	8.5	7.0	8.0	8.7	7.0	8.0	7.3
FLYER	6.0	7.3	7.0	8.0	6.0	8.3	4.3	6.7	8.0	7.0	8.0	9.0	8.0	7.7	7.2
COMMON CREEPING	6.0	7.0	7.0	7.5	6.0	8.7	4.0	6.7	8.5	7.0	8.0	8.0	7.7	8.3	7.2
BAR FRR 4ZBD	7.0	6.7	6.7	8.0	6.0	8.3	2.0	6.3	8.0	6.7	8.0	8.7	7.3	8.0	7.0
67135	6.0	7.7	6.3	.	5.7	8.3	4.3	8.7	.	6.0	8.0	8.0	6.3	8.0	6.9
LSD VALUE	0.9	0.9	1.4	0.7	0.1	0.9	2.4	2.2	0.9	0.9	0.7	0.2	0.6	0.6	0.3
C.V. (%)	7.7	7.3	13.1	5.2	1.3	6.5	25.6	17.5	5.6	6.6	5.4	1.7	4.3	4.2	9.2

TABLE 7B.

LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/													
	IL1	IL2	KS1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
SEABREEZE	7.7	7.7	7.3	6	9.0	6.3	8.0	9	7.7	8.0	9	8	8.7	7.9
DAWSON	7.7	7.7	7.0	6	8.3	6.0	7.3	9	8.0	7.7	9	8	8.7	7.7
LSD VALUE	0.9	0.9	0.7	0	0.7	3.8	2.1	0	0.7	0.7	0	0	0.9	0.4
C.V. (%)	7.5	7.5	5.7	0	4.7	38.6	16.8	0	5.2	5.2	0	0	6.7	10.8

TABLE 7C.

LEAF TEXTURE RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/														
	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
QUATRO (FO 143)	8	8.3	6.0	9	6.0	8.3	7.3	8.7	9	8.5	8.3	9	9.0	8.7	8.2
67135	6	7.7	6.3	.	5.7	8.3	4.3	8.7	.	6.0	8.0	8	6.3	8.0	6.9
LSD VALUE	0	0.9	0.7	.	0.7	1.5	2.5	0.9	0	1.0	0.7	0	0.7	0.7	0.3
C.V. (%)	0	7.2	6.6	.	7.0	11.0	26.2	6.7	0	6.9	5.0	0	5.3	4.9	8.3

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

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

TABLE 7D.

LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

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

NAME	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
SHADOW II (PST-44D)	7.7	8.3	7.3	9.0	6	9.0	8.0	8.3	8.7	8.0	8.0	9.0	8.0	8.7	8.1
VICTORY II (PICK 4-91W)	7.0	8.7	7.3	9.0	6	9.0	6.3	8.0	8.7	7.7	8.0	9.0	8.0	8.0	7.9
BRITTANY	7.0	7.7	7.3	9.0	6	9.0	6.7	8.0	8.5	7.7	8.0	9.0	8.0	8.3	7.9
BRIDGEFORD	7.3	8.0	7.3	8.7	6	8.3	6.0	8.3	8.7	8.0	8.0	9.0	8.0	8.3	7.9
TREASURE (ZPS-MG)	7.3	7.7	7.0	9.0	6	8.3	6.7	7.7	9.0	8.0	8.0	9.0	8.0	8.3	7.9
TMI-3CE	7.3	7.3	7.0	8.7	6	9.0	6.3	8.3	9.0	7.7	8.0	9.0	8.0	8.0	7.8
SANDPIPER (PRO 92/20)	6.7	7.3	6.7	8.7	6	9.0	6.7	8.7	9.0	8.0	7.7	9.0	8.0	8.3	7.8
WX3-FF54	7.0	7.3	7.7	8.0	6	8.3	7.7	8.0	8.5	8.0	8.0	9.0	8.0	8.0	7.8
JAMESTOWN II	7.3	8.3	6.7	8.3	6	9.0	5.0	8.3	8.5	8.0	8.0	9.0	8.0	8.7	7.8
VICTORY (E)	7.7	7.7	7.0	8.7	6	8.7	6.0	7.3	9.0	8.0	8.0	9.0	8.0	8.0	7.8
ECO (MB 63-93)	7.3	8.3	7.3	9.0	6	8.3	5.7	7.0	8.5	7.7	8.0	9.0	8.0	8.3	7.8
K-2 (MB 65-93)	7.0	8.0	6.7	9.0	6	9.0	5.0	8.3	9.0	7.7	7.7	9.0	8.0	8.0	7.7
SHADOW (E)	6.7	7.7	7.3	8.7	6	9.0	5.3	8.0	8.7	8.0	7.7	9.0	8.0	8.3	7.7
SR 5100	7.3	7.7	6.7	8.7	6	8.3	5.3	9.0	8.3	8.0	8.0	9.0	8.0	8.0	7.7
TIFFANY	7.0	7.3	7.0	8.7	6	8.7	5.7	8.7	8.5	8.0	7.7	9.0	8.0	8.0	7.7
NJ F-93	7.3	8.0	7.7	8.0	6	9.0	6.3	6.3	8.5	8.3	7.3	9.0	8.0	8.0	7.7
DARWIN	7.3	7.7	7.0	.	6	9.0	5.7	8.0	.	8.0	8.3	9.0	8.3	8.0	7.7
ISI-FC-62	6.7	7.7	7.0	9.0	6	8.7	4.7	8.0	9.0	8.0	8.0	9.0	8.0	8.0	7.7
MEDINA	7.0	7.7	7.0	.	6	9.0	6.7	6.7	9.0	7.3	8.0	9.0	8.0	8.3	7.7
MB 66-93	7.3	7.3	7.3	8.3	6	8.7	4.0	8.7	9.0	7.3	7.7	9.0	8.3	8.0	7.6
BANNER II	7.3	7.7	6.7	8.3	6	8.3	5.7	7.7	8.3	7.7	8.0	9.0	8.0	8.0	7.6
BANNER III (MB 61-93)	6.7	7.3	7.0	9.0	6	8.7	5.0	7.3	8.7	8.0	7.7	9.0	8.0	8.0	7.6
CULUMBRA (MB 64-93)	7.0	7.3	7.3	8.3	6	9.0	4.7	7.0	8.3	8.3	7.7	9.0	8.0	8.3	7.6
JAMESTOWN	6.3	7.3	6.7	8.7	6	9.0	5.0	7.7	9.0	8.0	7.3	9.0	8.0	8.0	7.6
MOLINDA	7.0	7.7	7.3	7.5	6	9.0	5.0	6.7	8.5	7.3	8.3	9.0	7.3	8.3	7.5
CASCADE	6.3	7.7	7.0	8.0	6	8.7	2.7	7.7	8.3	8.0	7.7	8.7	7.7	8.0	7.3
LSD VALUE	0.9	0.9	1.0	0.7	0	0.6	2.3	2.1	1.0	0.6	0.8	0.2	0.5	0.6	0.3
C.V. (%)	8.3	7.0	8.6	5.0	0	4.5	25.3	16.4	6.1	4.8	6.6	1.3	3.8	4.6	8.5

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 MEANS IN EACH COLUMN.

TABLE 7E.

LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/														
	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
RONDO	8.0	7.3	7.7	.	6	8.7	5.0	7.0	8.5	7.7	8.0	9.0	8.0	8.7	7.7
BAR UR 204	6.7	7.7	6.3	8.3	6	8.3	5.3	7.3	8.5	8.0	8.0	9.0	8.0	8.7	7.6
FLYER II (ZPS-4BN)	7.0	7.3	6.7	8.7	6	8.0	5.7	8.0	8.3	7.0	8.0	8.7	8.3	8.3	7.6
WX3-FFG6	7.0	6.7	7.0	8.0	6	9.0	5.0	7.3	8.5	8.0	8.0	9.0	8.0	8.0	7.5
SHADEMASTER II	7.0	7.7	6.7	9.0	6	8.7	5.7	6.3	8.3	7.7	7.3	9.0	8.0	8.0	7.5
PST-4ST	7.0	7.3	6.7	8.7	6	8.7	4.3	7.3	8.3	7.7	8.0	9.0	8.0	8.0	7.5
PST-4VB ENDO.	7.0	7.3	7.0	8.3	6	8.7	5.3	7.0	8.0	7.3	7.7	9.0	8.0	8.0	7.5
PST-4DT	7.0	7.7	6.3	8.3	6	8.7	4.7	6.7	8.3	7.3	8.0	9.0	8.0	8.0	7.4
JASPER (E)	6.3	7.7	6.7	8.3	6	8.3	4.7	7.0	8.3	7.0	8.0	9.0	8.0	7.7	7.4
ARUBA	6.3	7.0	7.0	8.7	6	8.7	4.7	6.3	8.3	7.0	8.0	9.0	8.0	8.0	7.4
SILVERLAWN (WVPB-STCR-101)	6.7	7.7	6.7	8.3	6	8.7	4.7	6.0	8.0	7.3	7.7	9.0	7.7	8.0	7.3
CAS-FR13	6.3	7.7	7.0	8.3	6	8.3	3.3	8.0	8.5	7.0	8.0	8.7	7.0	8.0	7.3
FLYER	6.0	7.3	7.0	8.0	6	8.3	4.3	6.7	8.0	7.0	8.0	9.0	8.0	7.7	7.2
COMMON CREEPING	6.0	7.0	7.0	7.5	6	8.7	4.0	6.7	8.5	7.0	8.0	8.0	7.7	8.3	7.2
BAR FRR 4ZBD	7.0	6.7	6.7	8.0	6	8.3	2.0	6.3	8.0	6.7	8.0	8.7	7.3	8.0	7.0
LSD VALUE	0.7	0.9	0.7	0.8	0	1.0	2.7	2.6	1.0	1.1	0.6	0.4	0.6	0.6	0.3
C.V. (%)	6.2	7.3	6.6	5.9	0	7.0	36.4	23.0	6.4	9.6	4.6	2.9	5.0	4.5	10.2

TABLE 7F.

LEAF TEXTURE RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/														
	IL1	IL2	KS1	KY1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
ECOSTAR	7.0	8.7	6.7	8.7	6	8.3	8.7	8.7	8.3	8.0	8.3	9	8.0	8.0	8.0
RELIANT II	7.7	7.3	6.7	9.0	6	9.0	8.0	8.3	9.0	8.0	8.0	9	8.3	8.0	8.0
DEFIANCE (MB 81-93)	7.0	7.3	7.3	9.0	6	9.0	7.3	8.3	9.0	7.7	8.0	9	8.3	8.0	8.0
SR 3100	7.0	7.3	7.0	9.0	6	8.3	8.3	8.3	9.0	8.0	8.0	9	8.0	8.0	8.0
DISCOVERY	7.0	7.3	7.0	9.0	6	8.7	8.0	8.3	9.0	8.0	8.0	9	8.0	8.0	8.0
AURORA W/ENDO.	6.7	7.7	6.7	9.0	6	8.3	8.3	9.0	8.3	8.0	8.0	9	8.3	7.7	7.9
MB 82-93	7.0	7.3	7.0	9.0	6	8.7	7.7	7.7	9.0	8.0	8.0	9	8.3	8.0	7.9
NORDIC	6.7	8.7	7.3	9.0	6	8.3	6.7	7.3	8.7	8.0	8.0	9	8.0	8.0	7.8
VERNON (MB 83-93)	6.7	7.7	7.0	9.0	6	8.0	6.3	8.3	8.3	7.5	8.0	9	8.3	8.0	7.7
OSPREY (PRO 92/24)	7.3	7.3	4.3	9.0	6	8.3	8.0	7.3	8.7	8.0	8.0	9	8.0	8.0	7.7
PAMELA	6.7	7.3	7.0	8.3	6	8.3	7.3	7.3	8.7	7.5	7.7	9	8.0	8.0	7.7
SPARTAN	6.3	7.7	7.0	8.7	6	8.0	7.0	8.3	8.3	6.0	8.0	9	8.0	8.0	7.6
SCALDIS	6.0	7.3	7.0	8.3	6	8.0	7.0	7.7	9.0	7.0	7.7	9	8.0	8.0	7.6
BRIGADE	6.3	7.7	4.7	8.7	6	8.7	6.0	6.7	9.0	9.0	8.0	9	8.3	8.0	7.6
LSD VALUE	0.9	0.9	2.5	0.7	0	1.1	2.0	2.0	0.7	1.0	0.4	0	0.6	0.2	0.3
C.V. (%)	8.5	7.6	23.7	4.9	0	8.4	16.3	15.5	4.8	5.3	3.4	0	4.6	1.9	9.5

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 MEANS IN EACH COLUMN.

TABLE 8A.

 SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1996 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
	GA1	GA2	NJ2	OK1	PA1	MEAN		GA1	GA2	NJ2	OK1	PA1	MEA
SR 3100	6.3	1.3	7.0	7.0	8.3	6.0	BANNER II	5.0	1.7	4.3	6.7	5.3	4.
DISCOVERY	5.3	2.3	7.3	6.0	8.0	5.8	CULUMBRA (MB 64-93)	4.3	2.0	3.7	7.0	6.0	4.
OSPREY (PRO 92/24)	6.0	1.7	6.0	8.0	6.7	5.7	FLYER II (ZPS-4BN)	4.7	1.0	5.3	7.3	4.7	4.
SHADOW II (PST-44D)	4.3	1.7	6.7	7.7	7.7	5.6	PST-4VB ENDO.	3.3	1.0	6.3	7.0	5.3	4.
RELIANT II	5.0	1.3	6.3	8.0	7.3	5.6	K-2 (MB 65-93)	4.7	2.0	3.3	6.3	6.3	4.
BRITTANY	5.3	2.7	6.0	7.0	6.7	5.5	PST-4ST	3.0	1.0	6.3	6.7	5.7	4.
NORDIC	5.3	1.3	6.3	6.7	8.0	5.5	BRIGADE	3.7	2.0	4.3	6.0	6.3	4.
SR 5100	5.0	3.3	5.7	7.0	6.7	5.5	JAMESTOWN	4.3	2.0	3.7	6.7	5.7	4.
VICTORY II (PICK 4-91W)	5.3	1.7	6.0	7.7	7.0	5.5	JASPER (E)	3.3	1.0	6.3	6.7	5.0	4.
BRIDGEPORT	5.7	3.0	5.3	6.7	6.7	5.5	PST-4DT	3.0	1.0	6.0	7.0	5.3	4.
TIFFANY	4.7	2.0	7.0	7.3	6.3	5.5	ISI-FC-62	3.7	2.3	3.7	6.3	6.0	4.
ECOSTAR	5.7	1.0	6.0	7.0	7.3	5.4	DARWIN	4.0	1.3	2.7	6.7	6.3	4.
NJ F-93	4.3	2.3	7.0	7.0	6.3	5.4	MEDINA	3.7	1.0	3.0	7.0	6.3	4.
BANNER III (MB 61-93)	5.0	2.7	5.0	7.0	6.7	5.3	MOLINDA	3.7	1.3	3.3	7.0	5.3	4.
SPARTAN	5.3	2.0	5.3	7.0	6.7	5.3	SHADEMASTER II	2.0	1.0	6.0	6.7	4.7	4.
WX3-FFG6	4.7	2.3	5.3	7.3	6.7	5.3	CAS-FR13	3.3	1.0	4.7	6.3	4.7	4.
AURORA W/ENDO.	6.3	1.3	4.7	6.7	7.0	5.2	SEABREEZE	2.0	1.0	5.0	7.0	5.0	4.
TREAZURE (ZPS-MG)	5.0	1.7	5.7	7.7	6.0	5.2	FLYER	2.0	1.0	5.0	6.7	5.0	3.
VICTORY (E)	5.0	2.7	4.3	7.0	6.3	5.1	MB 66-93	3.7	1.0	2.0	7.0	6.0	3.
DEFIANCE (MB 81-93)	5.7	1.3	5.7	6.0	6.3	5.0	BAR UR 204	3.3	1.0	3.3	6.7	4.7	3.
MB 82-93	4.7	1.3	5.0	7.0	7.0	5.0	DAWSON	3.7	1.0	3.7	7.3	3.0	3.
VERNON (MB 83-93)	5.0	1.0	5.3	7.0	6.7	5.0	SILVERLAWN (WVPB-STCR-101)	2.3	1.0	3.7	6.7	4.7	3.
SANDPIPER (PRO 92/20)	4.7	2.3	3.7	7.3	6.7	4.9	CASCADE	3.7	1.7	2.7	6.0	4.3	3.
JAMESTOWN II	4.3	1.7	4.7	7.0	6.7	4.9	RONDO	2.7	1.0	3.3	7.0	4.0	3.
TMI-3CE	5.0	2.0	4.0	7.3	6.0	4.9	ARUBA	2.3	1.0	4.0	6.0	4.3	3.
SCALDIS	3.7	1.3	5.3	6.5	7.3	4.8	COMMON CREEPING	1.7	1.0	4.0	5.7	4.0	3.
ECO (MB 63-93)	5.0	2.3	3.7	6.3	6.7	4.8	BAR FRR 4ZBD	1.0	1.0	2.3	6.3	4.0	2.
WX3-FF54	4.7	2.3	3.7	7.0	6.0	4.7	67135	1.7	1.0	3.7	5.7	2.3	2.
PAMELA	4.7	1.3	3.7	7.0	6.7	4.7	LSD VALUE	1.7	0.9	2.1	1.3	1.7	0.
QUATRO (FO 143)	5.3	1.0	4.3	6.0	6.7	4.7	C.V. (%)	25.4	35.7	27.4	10.8	17.7	21.
SHADOW (E)	4.3	1.7	5.0	6.3	6.0	4.7							

TABLE 8B. SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
	GA1	GA2	NJ2	OK1	PA1	MEAN
SEABREEZE	2.0	1	5.0	7.0	5.0	4.0
DAWSON	3.7	1	3.7	7.3	3.0	3.7
LSD VALUE	1.7	0	1.3	1.3	2.3	0.7
C.V. (%)	38.1	0	18.8	11.4	35.4	24.5

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

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

TABLE 8C. SPRING DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	GA1	GA2	NJ2	OK1	PA1	
QUATRO (FO 143)	5.3	1	4.3	6.0	6.7	4.7
67135	1.7	1	3.7	5.7	2.3	2.9
LSD VALUE	0.9	0	2.7	2.6	2.5	0.9
C.V. (%)	16.5	0	42.1	28.0	33.9	33.9

TABLE 8D. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	GA1	GA2	NJ2	OK1	PA1	
SHADOW II (PST-44D)	4.3	1.7	6.7	7.7	7.7	5.6
BRITTANY	5.3	2.7	6.0	7.0	6.7	5.5
SR 5100	5.0	3.3	5.7	7.0	6.7	5.5
VICTORY II (PICK 4-91W)	5.3	1.7	6.0	7.7	7.0	5.5
BRIDGEPORT	5.7	3.0	5.3	6.7	6.7	5.5
TIFFANY	4.7	2.0	7.0	7.3	6.3	5.5
NJ F-93	4.3	2.3	7.0	7.0	6.3	5.4
BANNER III (MB 61-93)	5.0	2.7	5.0	7.0	6.7	5.3
TREAZURE (ZPS-MG)	5.0	1.7	5.7	7.7	6.0	5.2
VICTORY (E)	5.0	2.7	4.3	7.0	6.3	5.1
SANDPIPER (PRO 92/20)	4.7	2.3	3.7	7.3	6.7	4.9
JAMESTOWN II	4.3	1.7	4.7	7.0	6.7	4.9
TMI-3CE	5.0	2.0	4.0	7.3	6.0	4.9
ECO (MB 63-93)	5.0	2.3	3.7	6.3	6.7	4.8
WX3-FF54	4.7	2.3	3.7	7.0	6.0	4.7
SHADOW (E)	4.3	1.7	5.0	6.3	6.0	4.7
BANNER II	5.0	1.7	4.3	6.7	5.3	4.6
CULUMBRA (MB 64-93)	4.3	2.0	3.7	7.0	6.0	4.6
K-2 (MB 65-93)	4.7	2.0	3.3	6.3	6.3	4.5
JAMESTOWN	4.3	2.0	3.7	6.7	5.7	4.5
ISI-FC-62	3.7	2.3	3.7	6.3	6.0	4.4
DARWIN	4.0	1.3	2.7	6.7	6.3	4.2
MEDINA	3.7	1.0	3.0	7.0	6.3	4.2
MOLINDA	3.7	1.3	3.3	7.0	5.3	4.1
MB 66-93	3.7	1.0	2.0	7.0	6.0	3.9
CASCADE	3.7	1.7	2.7	6.0	4.3	3.7
LSD VALUE	1.2	1.1	2.0	1.0	1.6	0.6
C.V. (%)	16.9	33.8	27.8	9.3	16.0	18.5

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

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

TABLE 8E. SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	GA1	GA2	NJ2	OK1	PA1	MEAN
WX3-FFG6	4.7	2.3	5.3	7.3	6.7	5.3
FLYER II (ZPS-4BN)	4.7	1.0	5.3	7.3	4.7	4.6
PST-4VB ENDO.	3.3	1.0	6.3	7.0	5.3	4.6
PST-4ST	3.0	1.0	6.3	6.7	5.7	4.5
JASPER (E)	3.3	1.0	6.3	6.7	5.0	4.5
PST-4DT	3.0	1.0	6.0	7.0	5.3	4.5
SHADEMASTER II	2.0	1.0	6.0	6.7	4.7	4.1
CAS-FR13	3.3	1.0	4.7	6.3	4.7	4.0
FLYER	2.0	1.0	5.0	6.7	5.0	3.9
BAR UR 204	3.3	1.0	3.3	6.7	4.7	3.8
SILVERLAWN (WVPB-STCR-101)	2.3	1.0	3.7	6.7	4.7	3.7
RONDO	2.7	1.0	3.3	7.0	4.0	3.6
ARUBA	2.3	1.0	4.0	6.0	4.3	3.5
COMMON CREEPING	1.7	1.0	4.0	5.7	4.0	3.3
BAR FRR 4ZBD	1.0	1.0	2.3	6.3	4.0	2.9
LSD VALUE	1.7	0.2	2.5	1.1	1.7	0.7
C.V. (%)	36.7	13.9	32.4	10.0	22.2	25.1

TABLE 8F. SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	GA1	GA2	NJ2	OK1	PA1	MEAN
SR 3100	6.3	1.3	7.0	7.0	8.3	6.0
DISCOVERY	5.3	2.3	7.3	6.0	8.0	5.8
OSPREY (PRO 92/24)	6.0	1.7	6.0	8.0	6.7	5.7
RELIANT II	5.0	1.3	6.3	8.0	7.3	5.6
NORDIC	5.3	1.3	6.3	6.7	8.0	5.5
ECOSTAR	5.7	1.0	6.0	7.0	7.3	5.4
SPARTAN	5.3	2.0	5.3	7.0	6.7	5.3
AURORA W/ENDO.	6.3	1.3	4.7	6.7	7.0	5.2
DEFIANCE (MB 81-93)	5.7	1.3	5.7	6.0	6.3	5.0
MB 82-93	4.7	1.3	5.0	7.0	7.0	5.0
VERNON (MB 83-93)	5.0	1.0	5.3	7.0	6.7	5.0
SCALDIS	3.7	1.3	5.3	6.5	7.3	4.8
PAMELA	4.7	1.3	3.7	7.0	6.7	4.7
BRIGADE	3.7	2.0	4.3	6.0	6.3	4.5
LSD VALUE	2.4	1.1	1.8	1.5	1.6	0.8
C.V. (%)	29.0	45.6	20.5	11.1	13.7	20.5

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

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

TABLE 9A.

SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	OK1	MEAN	NAME	GA1	GA2	OK1	MEAN
OSPREY (PRO 92/24)	5.3	1.7	8.0	5.0	BRIGADE	3.0	2.0	6.5	3.8
SR 5100	4.3	3.0	7.7	5.0	QUATRO (FO 143)	3.0	1.0	7.5	3.8
BRIDGEPORT	4.7	2.7	7.3	4.9	BANNER II	4.0	1.3	6.0	3.8
SPARTAN	5.0	2.0	7.5	4.8	JAMESTOWN	3.3	1.7	6.3	3.8
BRITTANY	4.7	2.3	7.3	4.8	ISI-FC-62	3.0	2.0	6.0	3.7
SHADOW II (PST-44D)	4.3	1.7	8.0	4.7	SCALDIS	3.3	1.0	6.5	3.6
BANNER III (MB 61-93)	4.3	2.0	7.3	4.6	MB 66-93	2.7	1.3	6.7	3.6
SANDPIPER (PRO 92/20)	4.3	2.3	7.0	4.6	MB 82-93	3.3	1.7	5.7	3.6
VICTORY (E)	4.3	2.3	7.0	4.6	DAWSON	1.0	1.0	8.0	3.3
TMI-3CE	4.0	2.3	7.0	4.4	MOLINDA	2.3	1.0	6.7	3.3
ECO (MB 63-93)	4.3	1.7	7.3	4.4	RONDO	1.0	1.0	7.7	3.2
K-2 (MB 65-93)	3.7	2.0	7.7	4.4	FLYER II (ZPS-4EN)	2.3	1.0	6.3	3.2
DISCOVERY	4.3	1.7	7.0	4.3	PST-4VB ENDO.	1.3	1.0	7.3	3.2
WX3-FF54	4.0	2.3	6.7	4.3	BAR UR 204	2.0	1.0	6.3	3.1
WX3-FFG6	4.0	2.0	7.0	4.3	JASPER (E)	2.0	1.0	6.3	3.1
SR 3100	5.0	1.3	6.5	4.3	67135	1.7	1.0	6.3	3.0
DARWIN	3.3	1.0	8.3	4.2	CASCADE	2.0	1.3	5.7	3.0
ECOSTAR	4.3	1.3	7.0	4.2	PST-4DT	1.7	1.0	6.3	3.0
JAMESTOWN II	4.0	1.7	7.0	4.2	PST-4ST	1.7	1.0	6.3	3.0
TREAZURE (ZPS-MG)	4.0	2.0	6.7	4.2	SEABREEZE	1.0	1.0	7.0	3.0
VERNON (MB 83-93)	4.7	1.0	7.0	4.2	BAR FRR 4ZBD	1.0	1.0	6.7	2.9
VICTORY II (PICK 4-91W)	4.7	1.3	6.7	4.2	ARUBA	1.3	1.0	6.3	2.9
DEFIANCE (MB 81-93)	4.7	1.3	6.3	4.1	CAS-FR13	1.3	1.0	6.3	2.9
NJ F-93	3.3	1.7	7.3	4.1	COMMON CREEPING	1.0	1.0	6.3	2.8
PAMELA	3.7	1.3	7.3	4.1	SHADEMASTER II	1.0	1.0	6.3	2.8
AURORA W/ENDO.	4.7	1.0	6.3	4.0	SILVERLAWN (WVPB-STCR-101)	1.0	1.0	6.0	2.7
RELIANT II	4.7	1.3	6.0	4.0	FLYER	1.0	1.0	5.7	2.6
SHADOW (E)	3.7	1.3	7.0	4.0					
TIFFANY	3.7	2.0	6.3	4.0	LSD VALUE	1.5	0.7	1.7	0.8
CULUMBRA (MB 64-93)	3.0	1.7	7.0	3.9					
MEDINA	2.7	1.0	8.0	3.9	C.V. (%)	28.7	28.8	14.4	21.1
NORDIC	4.3	1.3	6.0	3.9					

TABLE 9B. SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	OK1	MEAN
DAWSON	1	1	8.0	3.3
SEABREEZE	1	1	7.0	3.0
LSD VALUE	0	0	1.1	0.4
C.V. (%)	0	0	9.4	12.9

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

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

TABLE 9C. SUMMER DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	GA1	GA2	OK1	MEAN
QUATRO (FO 143)	3.0	1	7.5	3.8
67135	1.7	1	6.3	3.0
LSD VALUE	2.4	0	3.1	1.2
C.V. (%)	63.1	0	25.3	37.3

TABLE 9D. SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	GA1	GA2	OK1	MEAN
SR 5100	4.3	3.0	7.7	5.0
BRIDGEPORT	4.7	2.7	7.3	4.9
BRITTANY	4.7	2.3	7.3	4.8
SHADOW II (PST-44D)	4.3	1.7	8.0	4.7
BANNER III (MB 61-93)	4.3	2.0	7.3	4.6
SANDPIPER (PRO 92/20)	4.3	2.3	7.0	4.6
VICTORY (E)	4.3	2.3	7.0	4.6
TMI-3CE	4.0	2.3	7.0	4.4
ECO (MB 63-93)	4.3	1.7	7.3	4.4
K-2 (MB 65-93)	3.7	2.0	7.7	4.4
WX3-FF54	4.0	2.3	6.7	4.3
DARWIN	3.3	1.0	8.3	4.2
JAMESTOWN II	4.0	1.7	7.0	4.2
TREAZURE (ZPS-MG)	4.0	2.0	6.7	4.2
VICTORY II (PICK 4-91W)	4.7	1.3	6.7	4.2
NJ F-93	3.3	1.7	7.3	4.1
SHADOW (E)	3.7	1.3	7.0	4.0
TIFFANY	3.7	2.0	6.3	4.0
CULUMBRA (MB 64-93)	3.0	1.7	7.0	3.9
MEDINA	2.7	1.0	8.0	3.9
BANNER II	4.0	1.3	6.0	3.8
JAMESTOWN	3.3	1.7	6.3	3.8
ISI-FC-62	3.0	2.0	6.0	3.7
MB 66-93	2.7	1.3	6.7	3.6
MOLINDA	2.3	1.0	6.7	3.3
CASCADE	2.0	1.3	5.7	3.0
LSD VALUE	1.3	0.8	1.6	0.7
C.V. (%)	22.4	28.0	13.8	19.0

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

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

TABLE 9E. SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	OK1	MEAN
WX3-FFG6	4.0	2	7.0	4.3
RONDO	1.0	1	7.7	3.2
FLYER II (ZPS-4BN)	2.3	1	6.3	3.2
PST-4VB ENDO.	1.3	1	7.3	3.2
BAR UR 204	2.0	1	6.3	3.1
JASPER (E)	2.0	1	6.3	3.1
PST-4DT	1.7	1	6.3	3.0
PST-4ST	1.7	1	6.3	3.0
BAR FRR 4ZBD	1.0	1	6.7	2.9
ARUBA	1.3	1	6.3	2.9
CAS-FR13	1.3	1	6.3	2.9
COMMON CREEPING	1.0	1	6.3	2.8
SHADEMASTER II	1.0	1	6.3	2.8
SILVERLAWN (WVPB-STCR-101)	1.0	1	6.0	2.7
FLYER	1.0	1	5.7	2.6
LSD VALUE	0.9	0	1.4	0.6
C.V. (%)	36.6	0	13.4	19.8

TABLE 9F. SUMMER DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	OK1	MEAN
OSPREY (PRO 92/24)	5.3	1.7	8.0	5.0
SPARTAN	5.0	2.0	7.5	4.8
DISCOVERY	4.3	1.7	7.0	4.3
SR 3100	5.0	1.3	6.5	4.3
ECOSTAR	4.3	1.3	7.0	4.2
VERNON (MB 83-93)	4.7	1.0	7.0	4.2
DEFIANCE (MB 81-93)	4.7	1.3	6.3	4.1
PAMELA	3.7	1.3	7.3	4.1
AURORA W/ENDO.	4.7	1.0	6.3	4.0
RELIANT II	4.7	1.3	6.0	4.0
NORDIC	4.3	1.3	6.0	3.9
BRIGADE	3.0	2.0	6.5	3.8
SCALDIS	3.3	1.0	6.5	3.6
MB 82-93	3.3	1.7	5.7	3.6
LSD VALUE	2.0	0.9	2.0	0.9
C.V. (%)	28.9	37.4	15.6	23.7

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

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

TABLE 10A.

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	PA1	MEAN	NAME	IL1	OK1	PA1	MEAN
OSPREY (PRO 92/24)	7.0	8.0	8.3	7.8	BRIGADE	6.3	7.0	7.0	6.8
RELIANT II	7.0	8.0	8.3	7.8	ECO (MB 63-93)	7.0	6.3	7.0	6.8
SHADOW II (PST-44D)	7.3	8.0	7.7	7.7	ECOSTAR	7.3	7.0	6.0	6.8
DARWIN	7.3	6.7	8.3	7.4	BANNER II	7.0	6.7	6.3	6.7
VICTORY II (PICK 4-91W)	7.0	7.7	7.7	7.4	FLYER II (ZPS-4BN)	6.3	6.7	7.0	6.7
BANNER III (MB 61-93)	7.0	7.3	7.7	7.3	PST-4DT	6.3	7.0	6.7	6.7
MEDINA	7.3	7.0	7.7	7.3	BRIDGEPORT	6.7	6.7	6.3	6.6
SANDPIPER (PRO 92/20)	7.7	7.3	7.0	7.3	JASPER (E)	6.0	6.7	7.0	6.6
TIFFANY	7.3	7.3	7.3	7.3	MOLINDA	6.7	7.0	6.0	6.6
TREASURE (ZPS-MG)	7.0	8.0	7.0	7.3	SHADOW (E)	6.0	6.7	7.0	6.6
DISCOVERY	7.0	6.5	8.3	7.3	SPARTAN	6.0	7.0	6.7	6.6
DEFIANCE (MB 81-93)	6.7	7.0	8.0	7.2	MB 66-93	6.3	7.0	6.3	6.6
PST-4VB ENDO.	7.0	7.0	7.7	7.2	SEABREEZE	6.3	7.0	6.3	6.6
SR 3100	7.3	7.0	7.3	7.2	BAR UR 204	6.0	6.7	6.7	6.4
AURORA W/ENDO.	6.7	7.0	7.7	7.1	DAWSON	7.3	6.7	5.3	6.4
BRITTANY	7.0	7.0	7.3	7.1	QUATRO (FO 143)	7.0	6.0	6.3	6.4
K-2 (MB 65-93)	7.3	6.3	7.7	7.1	RONDO	7.3	7.0	5.0	6.4
MB 82-93	6.3	7.0	8.0	7.1	ISI-FC-62	7.0	6.3	5.7	6.3
NORDIC	6.3	7.0	8.0	7.1	JAMESTOWN	6.7	6.7	5.7	6.3
VERNON (MB 83-93)	6.3	7.0	8.0	7.1	SILVERLAWN (WVPB-STCR-101)	6.7	6.7	5.7	6.3
VICTORY (E)	7.3	7.0	7.0	7.1	FLYER	6.0	6.7	6.0	6.2
JAMESTOWN II	7.0	7.0	7.0	7.0	CASCADE	6.0	6.0	6.0	6.0
NJ F-93	7.0	7.0	7.0	7.0	BAR FRR 4ZBD	6.7	6.3	4.7	5.9
WX3-FFG6	6.3	7.3	7.3	7.0	ARUBA	6.0	6.0	5.3	5.8
PST-4ST	7.0	6.7	7.0	6.9	CAS-FR13	6.0	6.3	4.7	5.7
SHADEMASTER II	7.0	6.7	7.0	6.9	COMMON CREEPING	6.0	5.7	4.0	5.2
SR 5100	6.7	7.0	7.0	6.9	67135	5.7	6.0	3.3	5.0
TMI-3CE	6.7	7.3	6.7	6.9					
PAMELA	6.3	7.0	7.3	6.9	LSD VALUE	1.0	1.2	1.7	0.7
SCALDIS	6.3	7.0	7.3	6.9					
WX3-FF54	6.3	7.3	7.0	6.9	C.V. (%)	9.0	9.1	15.2	11.6
CULMBRA (MB 64-93)	6.7	7.0	6.7	6.8					

TABLE 10B. FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	PA1	MEAN
SEABREEZE	6.3	7.0	6.3	6.6
DAWSON	7.3	6.7	5.3	6.4
LSD VALUE	0.9	1.3	3.3	1.2
C.V. (%)	8.4	11.9	35.7	20.5

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

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

TABLE 10C. FALL DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

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

NAME	IL1	OK1	PA1	MEAN
QUATRO (FO 143)	7.0	6.0	6.3	6.4
67135	5.7	6.0	3.3	5.0
LSD VALUE	0.7	3.4	1.5	0.8
C.V. (%)	6.4	23.6	18.9	14.3

TABLE 10D. FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

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

NAME	IL1	OK1	PA1	MEAN
SHADOW II (PST-44D)	7.3	8.0	7.7	7.7
DARWIN	7.3	6.7	8.3	7.4
VICTORY II (PICK 4-91W)	7.0	7.7	7.7	7.4
BANNER III (MB 61-93)	7.0	7.3	7.7	7.3
MEDINA	7.3	7.0	7.7	7.3
SANDPIPER (PRO 92/20)	7.7	7.3	7.0	7.3
TIFFANY	7.3	7.3	7.3	7.3
TREAZURE (ZPS-MG)	7.0	8.0	7.0	7.3
BRITTANY	7.0	7.0	7.3	7.1
K-2 (MB 65-93)	7.3	6.3	7.7	7.1
VICTORY (E)	7.3	7.0	7.0	7.1
JAMESTOWN II	7.0	7.0	7.0	7.0
NJ F-93	7.0	7.0	7.0	7.0
SR 5100	6.7	7.0	7.0	6.9
TMI-3CE	6.7	7.3	6.7	6.9
WX3-FF54	6.3	7.3	7.0	6.9
CULUMBRA (MB 64-93)	6.7	7.0	6.7	6.8
ECO (MB 63-93)	7.0	6.3	7.0	6.8
BANNER II	7.0	6.7	6.3	6.7
BRIDGEPORT	6.7	6.7	6.3	6.6
MOLINDA	6.7	7.0	6.0	6.6
SHADOW (E)	6.0	6.7	7.0	6.6
MB 66-93	6.3	7.0	6.3	6.6
ISI-FC-62	7.0	6.3	5.7	6.3
JAMESTOWN	6.7	6.7	5.7	6.3
CASCADE	6.0	6.0	6.0	6.0
LSD VALUE	1.0	1.0	1.3	0.6
C.V. (%)	9.4	8.7	11.3	9.9

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

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

TABLE 10E. FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	PA1	MEAN
PST-4VB ENDO.	7.0	7.0	7.7	7.2
WX3-FFG6	6.3	7.3	7.3	7.0
PST-4ST	7.0	6.7	7.0	6.9
SHADEMASTER II	7.0	6.7	7.0	6.9
FLYER II (ZPS-4BN)	6.3	6.7	7.0	6.7
PST-4DT	6.3	7.0	6.7	6.7
JASPER (E)	6.0	6.7	7.0	6.6
BAR UR 204	6.0	6.7	6.7	6.4
RONDO	7.3	7.0	5.0	6.4
SILVERLAWN (WVPB-STCR-101)	6.7	6.7	5.7	6.3
FLYER	6.0	6.7	6.0	6.2
BAR FRR 4ZBD	6.7	6.3	4.7	5.9
ARUBA	6.0	6.0	5.3	5.8
CAS-FR13	6.0	6.3	4.7	5.7
COMMON CREEPING	6.0	5.7	4.0	5.2
LSD VALUE	0.7	1.1	1.8	0.7
C.V. (%)	6.9	10.1	18.7	12.6

TABLE 10F. FALL DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	OK1	PA1	MEAN
OSPREY (PRO 92/24)	7.0	8.0	8.3	7.8
RELIANT II	7.0	8.0	8.3	7.8
DISCOVERY	7.0	6.5	8.3	7.3
DEFIANCE (MB 81-93)	6.7	7.0	8.0	7.2
SR 3100	7.3	7.0	7.3	7.2
AURORA W/ENDO.	6.7	7.0	7.7	7.1
MB 82-93	6.3	7.0	8.0	7.1
NORDIC	6.3	7.0	8.0	7.1
VERNON (MB 83-93)	6.3	7.0	8.0	7.1
PAMELA	6.3	7.0	7.3	6.9
SCALDIS	6.3	7.0	7.3	6.9
BRIGADE	6.3	7.0	7.0	6.8
ECOSTAR	7.3	7.0	6.0	6.8
SPARTAN	6.0	7.0	6.7	6.6
LSD VALUE	1.1	0.5	1.8	0.8
C.V. (%)	10.1	3.1	14.4	11.8

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 MEANS IN EACH COLUMN.

TABLE 11A.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN	NAME	GA1	GA2	KY1	OK1	MEAN
SR 5100	88.3	56.7	97.7	96.3	84.8	CASCADE	70.0	12.3	43.3	78.3	51.0
BRIDGEPORT	90.0	48.3	92.7	85.3	79.1	BAR UR 204	56.7	0.0	65.0	73.3	48.8
VICTORY (E)	86.7	33.3	95.0	96.0	77.8	RELIANT II	73.3	3.3	75.0	40.0	47.9
BRITTANY	85.0	28.3	96.0	92.3	75.4	SHADEMASTER II	28.3	0.0	96.0	66.7	47.8
SANDPIPER (PRO 92/20)	81.7	36.7	86.3	93.7	74.6	OSPREY (PRO 92/24)	86.7	7.3	78.3	10.0	45.6
VICTORY II (PICK 4-91W)	83.3	22.3	97.7	94.7	74.5	MOLINDA	71.7	2.3	25.3	82.0	45.3
ECO (MB 63-93)	83.3	21.7	96.7	95.3	74.3	SPARTAN	90.0	25.0	56.7	8.3	45.0
NJ F-93	83.3	25.0	96.0	92.3	74.2	ECOSTAR	85.0	3.3	61.7	27.3	44.3
TIFFANY	80.0	15.0	97.0	93.0	71.3	DEFIANCE (MB 81-93)	86.7	2.3	68.3	8.7	41.5
BANNER III (MB 61-93)	78.3	21.7	91.7	92.7	71.1	SILVERLAWN (WVPB-SCCR-101)	35.0	0.7	60.0	65.0	40.2
ISI-FC-62	68.3	30.0	95.0	85.0	69.6	SR 3100	88.3	6.0	61.7	2.3	39.6
WX3-FFG6	83.3	23.3	73.3	90.0	67.5	DARWIN	75.0	5.0	0.7	75.0	38.9
TMI-3CE	83.3	21.7	75.0	87.0	66.8	DAWSON	76.7	0.7	1.7	71.7	37.7
CULUMBRA (MB 64-93)	70.0	16.7	81.7	94.3	65.7	NORDIC	83.3	5.7	45.0	16.7	37.7
JAMESTOWN II	83.3	17.3	70.0	91.3	65.5	FLYER	43.3	0.0	35.0	68.3	36.7
SHADOW II (PST-44D)	83.3	11.7	99.0	67.3	65.3	BRIGADE	55.0	21.7	50.3	15.0	35.5
BANNER II	78.3	15.7	81.7	72.0	61.9	MEDINA	61.7	0.7	6.7	66.7	33.9
PST-4VB ENDO.	78.3	0.0	80.0	88.3	61.7	RONDO	58.3	0.0	3.0	73.3	33.7
TREAZURE (ZPS-MG)	85.0	18.3	55.0	81.7	60.0	QUATRO (FO 143)	70.0	0.7	23.3	37.7	32.9
SHADOW (E)	80.0	13.3	57.7	88.7	59.9	VERNON (MB 83-93)	78.3	5.7	43.3	3.7	32.8
K-2 (MB 65-93)	78.3	18.3	58.3	80.7	58.9	AURORA W/ENDO.	93.0	1.7	26.7	7.3	32.2
DISCOVERY	85.0	15.0	71.7	60.7	58.1	BAR FRR 4ZBD	10.0	0.0	56.7	60.0	31.7
PST-4DT	56.7	0.0	87.3	85.0	57.3	PAMELA	71.7	3.3	38.3	9.7	30.8
PST-4ST	66.7	0.0	95.0	67.3	57.3	COMMON CREEPING	30.0	0.0	16.7	58.3	26.3
FLYER II (ZPS-4BN)	73.3	0.0	85.7	68.3	56.8	SCALDIS	60.0	5.0	28.3	1.3	23.7
JASPER (E)	58.3	0.7	87.7	80.0	56.7	SEABREEZE	38.3	0.0	0.3	48.3	21.8
MB 66-93	76.7	3.0	58.3	86.7	56.2	67135	28.7	0.0	23.3	13.0	16.3
ARUBA	56.7	0.0	86.7	75.7	54.8						
JAMESTOWN	78.3	12.3	58.3	70.0	54.8	LSD VALUE	29.9	16.9	23.8	34.4	13.5
CAS-FR13	50.0	0.0	78.3	90.0	54.6						
WX3-FF54	83.3	35.0	43.3	55.0	54.2	C.V. (%)	26.3	90.3	23.6	33.8	32.3
MB 82-93	70.0	11.3	85.0	43.3	52.4						

TABLE 11B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN
DAWSON	76.7	0.7	1.7	71.7	37.7
SEABREEZE	38.3	0.0	0.3	48.3	21.8
LSD VALUE	14.7	1.3	1.5	18.6	5.9
C.V. (%)	15.9	244.9	91.3	19.2	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 MEANS IN EACH COLUMN.

TABLE 11C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN
QUATRO (FO 143)	70.0	0.7	23.3	37.7	32.9
67135	28.7	0.0	23.3	13.0	16.3
LSD VALUE	46.3	1.3	14.7	57.6	18.8
C.V. (%)	58.3	244.9	39.1	141.5	95.3

TABLE 11D. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN
SR 5100	88.3	56.7	97.7	96.3	84.8
BRIDGEPORT	90.0	48.3	92.7	85.3	79.1
VICTORY (E)	86.7	33.3	95.0	96.0	77.8
BRITTANY	85.0	28.3	96.0	92.3	75.4
SANDPIPER (PRO 92/20)	81.7	36.7	86.3	93.7	74.6
VICTORY II (PICK 4-91W)	83.3	22.3	97.7	94.7	74.5
ECO (MB 63-93)	83.3	21.7	96.7	95.3	74.3
NJ F-93	83.3	25.0	96.0	92.3	74.2
TIFFANY	80.0	15.0	97.0	93.0	71.3
BANNER III (MB 61-93)	78.3	21.7	91.7	92.7	71.1
ISI-FC-62	68.3	30.0	95.0	85.0	69.6
TMI-3CE	83.3	21.7	75.0	87.0	66.8
CULUMBRA (MB 64-93)	70.0	16.7	81.7	94.3	65.7
JAMESTOWN II	83.3	17.3	70.0	91.3	65.5
SHADOW II (PST-44D)	83.3	11.7	99.0	67.3	65.3
BANNER II	78.3	15.7	81.7	72.0	61.9
TREAZURE (ZPS-MG)	85.0	18.3	55.0	81.7	60.0
SHADOW (E)	80.0	13.3	57.7	88.7	59.9
K-2 (MB 65-93)	78.3	18.3	58.3	80.7	58.9
MB 66-93	76.7	3.0	58.3	86.7	56.2
JAMESTOWN	78.3	12.3	58.3	70.0	54.8
WX3-FF54	83.3	35.0	43.3	55.0	54.2
CASCADE	70.0	12.3	43.3	78.3	51.0
MOLINDA	71.7	2.3	25.3	82.0	45.3
DARWIN	75.0	5.0	0.7	75.0	38.9
MEDINA	61.7	0.7	6.7	66.7	33.9
LSD VALUE	16.6	23.7	26.3	27.3	11.9
C.V. (%)	13.0	70.5	22.9	20.1	23.2

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

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

TABLE 11E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN
WX3-FFG6	83.3	23.3	73.3	90.0	67.5
PST-4VB ENDO.	78.3	0.0	80.0	88.3	61.7
PST-4DT	56.7	0.0	87.3	85.0	57.3
PST-4ST	66.7	0.0	95.0	67.3	57.3
FLYER II (ZPS-4BN)	73.3	0.0	85.7	68.3	56.8
JASPER (E)	58.3	0.7	87.7	80.0	56.7
ARUBA	56.7	0.0	86.7	75.7	54.8
CAS-FR13	50.0	0.0	78.3	90.0	54.6
BAR UR 204	56.7	0.0	65.0	73.3	48.8
SHADEMASTER II	28.3	0.0	96.0	66.7	47.8
SILVERLAWN (WVPB-STCR-101)	35.0	0.7	60.0	65.0	40.2
FLYER	43.3	0.0	35.0	68.3	36.7
RONDO	58.3	0.0	3.0	73.3	33.7
BAR FRR 4ZBD	10.0	0.0	56.7	60.0	31.7
COMMON CREEPING	30.0	0.0	16.7	58.3	26.3
LSD VALUE	39.5	4.4	11.9	36.1	13.8
C.V. (%)	46.9	165.4	11.0	30.4	35.1

TABLE 11F. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	KY1	OK1	MEAN
DISCOVERY	85.0	15.0	71.7	60.7	58.1
MB 82-93	70.0	11.3	85.0	43.3	52.4
RELIANT II	73.3	3.3	75.0	40.0	47.9
OSPREY (PRO 92/24)	86.7	7.3	78.3	10.0	45.6
SPARTAN	90.0	25.0	56.7	8.3	45.0
ECOSTAR	85.0	3.3	61.7	27.3	44.3
DEFIANCE (MB 81-93)	86.7	2.3	68.3	8.7	41.5
SR 3100	88.3	6.0	61.7	2.3	39.6
NORDIC	83.3	5.7	45.0	16.7	37.7
BRIGADE	55.0	21.7	50.3	15.0	35.5
VERNON (MB 83-93)	78.3	5.7	43.3	3.7	32.8
AURORA W/ENDO.	93.0	1.7	26.7	7.3	32.2
PAMELA	71.7	3.3	38.3	9.7	30.8
SCALDIS	60.0	5.0	28.3	1.3	23.7
LSD VALUE	35.3	11.8	30.4	40.8	15.8
C.V. (%)	27.8	87.9	33.4	139.6	48.4

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 MEANS IN EACH COLUMN.

TABLE 12A.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OK1	MEAN	NAME	GA1	GA2	MO1	OK1	MEAN
SR 5100	93.0	70.0	60.0	76.7	74.9	JASPER (E)	46.7	0.0	48.3	76.7	42.9
BRIDGEPORT	97.7	53.3	58.3	76.7	71.5	CASCADE	56.7	2.0	46.7	65.0	42.6
BRITTANY	96.3	40.0	68.3	76.7	70.3	BAR UR 204	58.3	0.3	40.0	70.0	42.2
SANDPIPER (PRO 92/20)	95.0	38.3	60.0	75.0	67.1	SHADEMASTER II	20.0	0.0	76.7	68.3	41.3
TMI-3CE	94.7	25.0	53.3	78.3	62.8	SPARTAN	97.7	13.3	48.3	5.0	41.1
TIFFANY	88.3	6.7	66.7	83.3	61.3	NORDIC	88.0	5.0	46.7	16.7	39.1
VICTORY (E)	89.7	26.7	48.3	80.0	61.2	ARUBA	33.3	0.0	55.0	66.7	38.8
WX3-FF54	94.7	38.3	55.0	55.0	60.8	SR 3100	95.0	7.0	48.3	3.3	38.4
ECO (MB 63-93)	91.7	13.7	56.7	78.3	60.1	DEFIANCE (MB 81-93)	93.3	0.0	50.0	8.7	38.0
BANNER III (MB 61-93)	90.0	18.3	51.7	78.3	59.6	OSPREY (PRO 92/24)	96.3	8.7	38.3	8.3	37.9
WX3-FFG6	93.3	20.0	48.3	76.7	59.6	SILVERLAWN (WVPB-STCR-101)	31.7	0.0	53.3	66.7	37.9
JAMESTOWN II	90.0	12.0	58.3	73.3	58.4	FLYER	31.7	0.0	56.7	63.3	37.9
VICTORY II (PICK 4-91W)	93.3	3.7	55.0	78.3	57.6	ECOSTAR	94.7	0.7	38.3	17.7	37.8
NJ F-93	90.0	15.3	46.7	75.0	56.8	MB 82-93	63.3	7.0	43.3	35.0	37.2
TREAZURE (ZPS-MG)	95.0	22.0	51.7	58.3	56.8	AURORA W/ENDO.	96.0	0.3	45.0	5.0	36.6
BANNER II	88.3	7.3	63.3	60.0	54.8	RELIANT II	76.0	1.7	40.0	25.0	35.7
SHADOW II (PST-44D)	93.3	8.3	50.0	63.3	53.8	VERNON (MB 83-93)	93.3	2.0	40.0	4.0	34.8
K-2 (MB 65-93)	85.0	13.3	46.7	68.3	53.3	QUATRO (FO 143)	68.0	0.7	46.7	23.3	34.7
JAMESTOWN	78.3	11.7	66.7	55.0	52.9	BRIGADE	71.7	15.0	31.7	8.3	31.7
DARWIN	86.3	0.3	60.0	65.0	52.9	BAR FRR 4ZBD	13.3	0.0	45.0	68.3	31.7
ISI-FC-62	66.7	20.0	50.0	71.7	52.1	PAMELA	78.3	1.7	36.7	8.3	31.3
SHADOW (E)	90.0	0.0	43.3	75.0	52.1	DAWSON	28.3	0.0	11.7	63.3	25.8
MOLINDA	75.0	0.0	53.3	76.7	51.3	RONDO	16.7	0.0	16.7	68.3	25.4
FLYER II (ZPS-4BN)	55.0	0.0	68.3	75.0	49.6	COMMON CREEPING	10.0	0.0	35.0	55.0	25.0
CULUMBRA (MB 64-93)	58.3	8.3	50.0	78.3	48.8	SEABREEZE	21.7	0.0	30.0	48.3	25.0
DISCOVERY	94.7	10.0	41.7	46.7	48.3	SCALDIS	66.7	0.3	28.3	1.3	24.2
MB 66-93	73.3	0.0	48.3	70.0	47.9	67135	34.0	0.0	36.7	7.7	19.6
PST-4ST	63.3	0.0	65.0	61.7	47.5						
MEDINA	73.3	0.0	51.7	60.0	46.3	LSD VALUE	31.5	19.7	21.9	26.0	12.6
PST-4VB ENDO.	41.7	0.0	53.3	85.0	45.0						
CAS-FR13	46.7	0.0	58.3	73.3	44.6	C.V. (%)	27.6	131.6	27.8	29.3	34.0
PST-4DT	40.7	0.0	50.0	83.3	43.5						

TABLE 12B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OK1	MEAN
DAWSON	28.3	0	11.7	63.3	25.8
SEABREEZE	21.7	0	30.0	48.3	25.0
LSD VALUE	14.7	0	10.4	31.0	9.0
C.V. (%)	36.5	.	31.0	34.5	43.8

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 MEANS IN EACH COLUMN.

TABLE 12C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	GA1	GA2	MO1	OK1	MEAN
QUATRO (FO 143)	68.0	0.7	46.7	23.3	34.7
67135	34.0	0.0	36.7	7.7	19.6
LSD VALUE	57.4	1.3	17.7	36.7	17.6
C.V. (%)	69.9	244.9	26.4	147.1	80.6

TABLE 12D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	GA1	GA2	MO1	OK1	MEAN
SR 5100	93.0	70.0	60.0	76.7	74.9
BRIDGEPORT	97.7	53.3	58.3	76.7	71.5
BRITTANY	96.3	40.0	68.3	76.7	70.3
SANDPIPER (PRO 92/20)	95.0	38.3	60.0	75.0	67.1
TMI-3CE	94.7	25.0	53.3	78.3	62.8
TIFFANY	88.3	6.7	66.7	83.3	61.3
VICTORY (E)	89.7	26.7	48.3	80.0	61.2
WX3-FF54	94.7	38.3	55.0	55.0	60.8
ECO (MB 63-93)	91.7	13.7	56.7	78.3	60.1
BANNER III (MB 61-93)	90.0	18.3	51.7	78.3	59.6
JAMESTOWN II	90.0	12.0	58.3	73.3	58.4
VICTORY II (PICK 4-91W)	93.3	3.7	55.0	78.3	57.6
NJ F-93	90.0	15.3	46.7	75.0	56.8
TREAZURE (ZPS-MG)	95.0	22.0	51.7	58.3	56.8
BANNER II	88.3	7.3	63.3	60.0	54.8
SHADOW II (PST-44D)	93.3	8.3	50.0	63.3	53.8
K-2 (MB 65-93)	85.0	13.3	46.7	68.3	53.3
JAMESTOWN	78.3	11.7	66.7	55.0	52.9
DARWIN	86.3	0.3	60.0	65.0	52.9
ISI-FC-62	66.7	20.0	50.0	71.7	52.1
SHADOW (E)	90.0	0.0	43.3	75.0	52.1
MOLINDA	75.0	0.0	53.3	76.7	51.3
CULUMBRA (MB 64-93)	58.3	8.3	50.0	78.3	48.8
MB 66-93	73.3	0.0	48.3	70.0	47.9
MEDINA	73.3	0.0	51.7	60.0	46.3
CASCADE	56.7	2.0	46.7	65.0	42.6
LSD VALUE	20.8	27.1	22.9	22.0	11.7
C.V. (%)	15.1	96.3	26.1	19.2	25.3

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

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

TABLE 12E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OK1	MEAN
WX3-FFG6	93.3	20.0	48.3	76.7	59.6
FLYER II (ZPS-4BN)	55.0	0.0	68.3	75.0	49.6
PST-4ST	63.3	0.0	65.0	61.7	47.5
PST-4VB ENDO.	41.7	0.0	53.3	85.0	45.0
CAS-FR13	46.7	0.0	58.3	73.3	44.6
PST-4DT	40.7	0.0	50.0	83.3	43.5
JASPER (E)	46.7	0.0	48.3	76.7	42.9
BAR UR 204	58.3	0.3	40.0	70.0	42.2
SHADEMASTER II	20.0	0.0	76.7	68.3	41.3
ARUBA	33.3	0.0	55.0	66.7	38.8
SILVERLAWN (WVPB-STCR-101)	31.7	0.0	53.3	66.7	37.9
FLYER	31.7	0.0	56.7	63.3	37.9
BAR FR 4ZBD	13.3	0.0	45.0	68.3	31.7
RONDO	16.7	0.0	16.7	68.3	25.4
COMMON CREEPING	10.0	0.0	35.0	55.0	25.0
LSD VALUE	35.4	10.8	21.3	27.4	12.7
C.V. (%)	54.8	495.0	25.8	24.1	38.6

TABLE 12F. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OK1	MEAN
DISCOVERY	94.7	10.0	41.7	46.7	48.3
SPARTAN	97.7	13.3	48.3	5.0	41.1
NORDIC	88.0	5.0	46.7	16.7	39.1
SR 3100	95.0	7.0	48.3	3.3	38.4
DEFIANCE (MB 81-93)	93.3	0.0	50.0	8.7	38.0
OSPREY (PRO 92/24)	96.3	8.7	38.3	8.3	37.9
ECOSTAR	94.7	0.7	38.3	17.7	37.8
MB 82-93	63.3	7.0	43.3	35.0	37.2
AURORA W/ENDO.	96.0	0.3	45.0	5.0	36.6
RELIANT II	76.0	1.7	40.0	25.0	35.7
VERNON (MB 83-93)	93.3	2.0	40.0	4.0	34.8
BRIGADE	71.7	15.0	31.7	8.3	31.7
PAMELA	78.3	1.7	36.7	8.3	31.3
SCALDIS	66.7	0.3	28.3	1.3	24.2
LSD VALUE	39.2	11.9	22.5	28.5	13.7
C.V. (%)	28.3	142.3	33.9	128.4	46.5

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 MEANS IN EACH COLUMN.

TABLE 13A.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN	NAME	NJ2	OK1	MEAN
JASPER (E)	91.7	78.3	85.0	MOLINDA	51.7	66.7	59.2
PST-4VB ENDO.	90.0	78.3	84.2	DAWSON	60.0	56.7	58.3
PST-4DT	86.7	76.7	81.7	MB 82-93	83.3	28.3	55.8
BANNER III (MB 61-93)	85.0	76.7	80.8	TREAZURE (ZPS-MG)	70.0	41.7	55.8
FLYER II (ZPS-4BN)	80.0	80.0	80.0	JAMESTOWN	78.3	31.7	55.0
TIFFANY	81.7	75.0	78.3	WX3-FF54	56.7	50.0	53.3
BRIDGEPORT	83.3	70.0	76.7	COMMON CREEPING	66.7	36.7	51.7
SHADEMASTER II	83.3	70.0	76.7	K-2 (MB 65-93)	38.3	63.3	50.8
BRITTANY	80.0	71.7	75.8	MEDINA	53.3	46.7	50.0
SR 5100	85.0	66.7	75.8	DARWIN	56.7	33.3	45.0
SHADOW II (PST-44D)	90.0	60.0	75.0	DEFIANCE (MB 81-93)	80.0	8.7	44.3
WX3-FFG6	86.7	61.7	74.2	SR 3100	83.3	1.7	42.5
BAR UR 204	75.0	73.3	74.2	CASCADE	45.0	38.3	41.7
FLYER	83.3	65.0	74.2	NORDIC	68.3	15.0	41.7
BAR FRR 4ZBD	71.7	73.3	72.5	67135	73.3	6.7	40.0
JAMESTOWN II	80.0	63.3	71.7	DISCOVERY	76.7	3.3	40.0
SILVERLAWN (WVPB-STCR-101)	70.0	71.7	70.8	RELIANT II	68.3	5.0	36.7
CULUMBRA (MB 64-93)	73.3	68.3	70.8	MB 66-93	30.0	40.0	35.0
PST-4ST	85.0	56.7	70.8	SCALDIS	68.3	1.7	35.0
ISI-FC-62	80.0	60.0	70.0	BRIGADE	65.0	3.3	34.2
VICTORY (E)	75.0	65.0	70.0	VERNON (MB 83-93)	61.7	5.0	33.3
TMI-3CE	70.0	68.3	69.2	OSPREY (PRO 92/24)	61.7	3.3	32.5
SHADOW (E)	75.0	60.0	67.5	QUATRO (FO 143)	60.0	1.7	30.8
VICTORY II (PICK 4-91W)	73.3	58.3	65.8	AURORA W/ENDO.	55.0	1.7	28.3
CAS-FR13	85.0	43.3	64.2	SPARTAN	55.0	1.7	28.3
NJ F-93	76.7	51.7	64.2	ECOSTAR	53.3	1.7	27.5
SANDPIPER (PRO 92/20)	80.0	46.7	63.3	PAMELA	43.3	5.0	24.2
SEABREEZE	73.3	53.3	63.3				
ARUBA	68.3	56.7	62.5	LSD VALUE	28.6	31.3	21.2
BANNER II	81.7	43.3	62.5				
RCNDO	70.0	55.0	62.5	C.V. (%)	25.0	43.1	32.1
ECO (MB 63-93)	55.0	66.7	60.8				

TABLE 13B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN
SEABREEZE	73.3	53.3	63.3
DAWSON	60.0	56.7	58.3
LSD VALUE	23.0	43.9	24.8
C.V. (%)	21.4	49.7	35.8

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 MEANS IN EACH COLUMN.

TABLE 13C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN
67135	73.3	6.7	40.0
QUAIRO (FO 143)	60.0	1.7	30.8
LSD VALUE	48.0	9.3	24.5
C.V. (%)	44.8	138.6	60.7

TABLE 13D. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN
BANNER III (MB 61-93)	85.0	76.7	80.8
TIFFANY	81.7	75.0	78.3
BRIDGEPORT	83.3	70.0	76.7
BRITTANY	80.0	71.7	75.8
SR 5100	85.0	66.7	75.8
SHADOW II (PST-44D)	90.0	60.0	75.0
JAMESTOWN II	80.0	63.3	71.7
CULUMBRA (MB 64-93)	73.3	68.3	70.8
ISI-FC-62	80.0	60.0	70.0
VICTORY (E)	75.0	65.0	70.0
TMI-3CE	70.0	68.3	69.2
SHADOW (E)	75.0	60.0	67.5
VICTORY II (PICK 4-91W)	73.3	58.3	65.8
NJ F-93	76.7	51.7	64.2
SANDPIPER (PRO 92/20)	80.0	46.7	63.3
BANNER II	81.7	43.3	62.5
ECO (MB 63-93)	55.0	66.7	60.8
MOLINDA	51.7	66.7	59.2
TREAZURE (ZPS-MG)	70.0	41.7	55.8
JAMESTOWN	78.3	31.7	55.0
WX3-FF54	56.7	50.0	53.3
K-2 (MB 65-93)	38.3	63.3	50.8
MEDINA	53.3	46.7	50.0
DARWIN	56.7	33.3	45.0
CASCADE	45.0	38.3	41.7
MB 66-93	30.0	40.0	35.0
LSD VALUE	31.5	35.2	23.6
C.V. (%)	28.2	38.4	32.9

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 MEANS IN EACH COLUMN.

TABLE 13E. PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN
JASPER (E)	91.7	78.3	85.0
PST-4VB ENDO.	90.0	78.3	84.2
PST-4DT	86.7	76.7	81.7
FLYER II (ZPS-4BN)	80.0	80.0	80.0
SHADEMASTER II	83.3	70.0	76.7
WX3-FFG6	86.7	61.7	74.2
BAR UR 204	75.0	73.3	74.2
FLYER	83.3	65.0	74.2
BAR FRR 4ZBD	71.7	73.3	72.5
SILVERLAWN (WVPB-STCR-101)	70.0	71.7	70.8
PST-4ST	85.0	56.7	70.8
CAS-FR13	85.0	43.3	64.2
ARUBA	68.3	56.7	62.5
RONDO	70.0	55.0	62.5
COMMON CREEPING	66.7	36.7	51.7
LSD VALUE	17.1	35.3	19.6
C.V. (%)	13.3	33.7	23.9

TABLE 13F. PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NJ2	OK1	MEAN
MB 82-93	83.3	28.3	55.8
DEFIANCE (MB 81-93)	80.0	8.7	44.3
SR 3100	83.3	1.7	42.5
NORDIC	68.3	15.0	41.7
DISCOVERY	76.7	3.3	40.0
RELIANT II	68.3	5.0	36.7
SCALDIS	68.3	1.7	35.0
BRIGADE	65.0	3.3	34.2
VERNON (MB 83-93)	61.7	5.0	33.3
OSPREY (PRO 92/24)	61.7	3.3	32.5
AURORA W/ENDO.	55.0	1.7	28.3
SPARTAN	55.0	1.7	28.3
ECOSTAR	53.3	1.7	27.5
PAMELA	43.3	5.0	24.2
LSD VALUE	29.6	14.0	16.4
C.V. (%)	27.9	142.4	39.9

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 MEANS IN EACH COLUMN.

TABLE 14A. LEAF SPOT (MAY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	UB1	NAME	UB1
SR 3100	8.3	DARWIN	5.3
DISCOVERY	8.0	PST-4ST	5.3
ECOSTAR	7.7	CULUMBRA (MB 64-93)	5.0
MB 82-93	7.7	FLYER II (ZPS-4BN)	5.0
QUATRO (FO 143)	7.7	MOLINDA	5.0
RELIANT II	7.7	SANDPIPER (PRO 92/20)	5.0
SHADOW II (PST-44D)	7.7	ISI-FC-62	4.7
VERNON (MB 83-93)	7.7	JAMESTOWN	4.7
OSPREY (PRO 92/24)	7.3	MB 66-93	4.7
SCALDIS	7.3	PST-4VB ENDO.	4.7
AURORA W/ENDO.	7.0	SHADEMASTER II	4.7
DEFIANCE (MB 81-93)	7.0	SHADOW (E)	4.7
NORDIC	7.0	BAR FRR 4ZBD	4.3
VICTORY II (PICK 4-91W)	7.0	BRIDGEPORT	4.3
SPARTAN	6.7	CAS-FR13	4.3
TIFFANY	6.7	FLYER	4.3
TMI-3CE	6.3	SILVERLAWN (WVPB-STCR-101)	4.3
WX3-FF54	6.3	WX3-FFG6	4.3
BRIGADE	6.0	BANNER II	4.0
DAWSON	6.0	COMMON CREEPING	4.0
K-2 (MB 65-93)	6.0	PST-4DT	4.0
NJ F-93	6.0	VICTORY (E)	4.0
PAMELA	6.0	JASPER (E)	3.7
SR 5100	6.0	ARUBA	3.3
TREAZURE (ZPS-MG)	6.0	CASCADE	2.7
BANNER III (MB 61-93)	5.7	BAR UR 204	2.3
BRITTANY	5.7	67135	1.0
ECO (MB 63-93)	5.7		
JAMESTOWN II	5.7	LSD VALUE	1.2
MEDINA	5.7		
RONDO	5.7	C.V. (%)	13.9
SEABREEZE	5.7		

TABLE 14B. LEAF SPOT (MAY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	UB1
DAWSON	6.0
SEABREEZE	5.7
LSD VALUE	1.7
C.V. (%)	18.5

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

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

TABLE 14C. LEAF SPOT (MAY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

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

NAME	UB1
QUATRO (FO 143)	7.7
67135	1.0
LSD VALUE	0.7
C.V. (%)	9.4

TABLE 14D. LEAF SPOT (MAY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

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

NAME	UB1
SHADOW II (PST-44D)	7.7
VICTORY II (PICK 4-91W)	7.0
TIFFANY	6.7
TMI-3CE	6.3
WX3-FF54	6.3
K-2 (MB 65-93)	6.0
NJ F-93	6.0
SR 5100	6.0
TREAZURE (ZPS-MG)	6.0
BANNER III (MB 61-93)	5.7
BRITTANY	5.7
ECO (MB 63-93)	5.7
JAMESTOWN II	5.7
MEDINA	5.7
DARWIN	5.3
CULMBRA (MB 64-93)	5.0
MOLINDA	5.0
SANDPIPER (PRO 92/20)	5.0
ISI-FC-62	4.7
JAMESTOWN	4.7
MB 66-93	4.7
SHADOW (E)	4.7
BRIDGEPORT	4.3
BANNER II	4.0
VICTORY (E)	4.0
CASCADE	2.7
LSD VALUE	1.3
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 MEANS IN EACH COLUMN.

TABLE 14E. LEAF SPOT (MAY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

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

NAME	UB1
RONDO	5.7
PST-4ST	5.3
FLYER II (ZPS-4BN)	5.0
PST-4VB ENDO.	4.7
SHADEMASTER II	4.7
BAR FRR 4ZBD	4.3
CAS-FR13	4.3
FLYER	4.3
SILVERLAWN (WVPB-STCR-101)	4.3
WX3-FFG6	4.3
COMMON CREEPING	4.0
PST-4DT	4.0
JASPER (E)	3.7
ARUBA	3.3
BAR UR 204	2.3
LSD VALUE	1.3
C.V. (%)	19.0

TABLE 14F. LEAF SPOT (MAY) RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

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

NAME	UB1
SR 3100	8.3
DISCOVERY	8.0
ECOSTAR	7.7
MB 82-93	7.7
RELIANT II	7.7
VERNON (MB 83-93)	7.7
OSPREY (PRO 92/24)	7.3
SCALDIS	7.3
AURORA W/ENDO.	7.0
DEFIANCE (MB 81-93)	7.0
NORDIC	7.0
SPARTAN	6.7
BRIGADE	6.0
PAMELA	6.0
LSD VALUE	1.0
C.V. (%)	8.8

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 MEANS IN EACH COLUMN.

TABLE 15A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
NJ F-93	8.3	7.0	5.7	8.3	8.0	7.5
PST-4VB ENDO.	6.0	6.0	7.0	8.7	7.7	7.1
SHADEMASTER II	7.7	6.3	5.7	8.0	7.7	7.1
SR 5100	7.0	7.7	6.7	7.3	5.7	6.9
WX3-FF54	7.3	6.7	7.0	7.0	6.7	6.9
FLYER II (ZPS-4BN)	6.0	6.7	6.0	7.7	7.0	6.7
SR 3100	6.7	7.0	6.0	7.7	6.3	6.7
TMI-3CE	7.3	6.7	6.0	7.0	6.7	6.7
BANNER III (MB 61-93)	7.0	6.7	5.0	7.3	7.0	6.6
JAMESTOWN II	7.0	7.3	6.0	7.3	5.3	6.6
WX3-FFG6	7.3	5.7	6.0	8.3	5.7	6.6
BRIDGEFORT	6.3	7.3	5.3	7.0	6.3	6.5
SILVERLAWN (WVPB-STCR-101)	7.0	5.3	5.7	7.7	6.7	6.5
VICTORY II (PICK 4-91W)	6.3	5.7	6.3	7.7	6.3	6.5
BRITTANY	6.0	6.7	6.3	7.0	6.0	6.4
QUATRO (FO 143)	5.3	7.0	3.0	8.3	8.3	6.4
CULUMBRA (MB 64-93)	7.7	7.3	5.3	5.3	6.0	6.3
ISI-FC-62	7.0	7.0	5.0	6.7	6.0	6.3
SHADOW II (PST-44D)	6.0	6.7	5.3	6.3	7.0	6.3
TIFFANY	6.0	7.3	6.3	6.3	5.7	6.3
DISCOVERY	6.3	7.3	3.7	7.0	6.7	6.2
PST-4ST	6.7	6.7	5.3	6.3	6.0	6.2
SANDPIPER (PRO 92/20)	6.7	7.3	5.0	6.0	6.0	6.2
AURORA W/ENDO.	6.7	6.0	3.0	7.3	7.7	6.1
DEFIANCE (MB 81-93)	6.0	6.0	3.7	7.7	7.0	6.1
K-2 (MB 65-93)	7.3	6.7	3.3	6.3	7.0	6.1
MB 82-93	5.3	6.7	4.0	7.3	7.0	6.1
MOLINDA	7.0	6.7	4.7	5.7	6.7	6.1
NORDIC	6.7	5.7	3.7	7.0	7.3	6.1
OSPREY (PRO 92/24)	6.0	7.0	3.3	7.3	6.7	6.1
SEABREEZE	4.7	6.7	5.3	7.0	7.0	6.1
ECOSTAR	6.7	6.3	3.3	8.0	5.7	6.0
BANNER II	6.7	6.3	4.3	6.3	5.7	5.9
CAS-FR13	4.3	6.0	5.0	6.3	7.7	5.9
DARWIN	7.3	7.0	4.7	5.7	5.0	5.9
JAMESTOWN	7.0	6.7	5.0	5.7	5.0	5.9
PST-4DT	6.0	5.0	5.3	5.7	7.3	5.9
SPARTAN	4.3	5.7	3.7	7.3	8.3	5.9
TREAZURE (ZPS-MG)	7.0	6.3	5.7	5.0	5.3	5.9
VERNON (MB 83-93)	4.3	6.0	4.0	7.7	7.3	5.9
JASPER (E)	5.7	5.3	4.0	6.7	7.0	5.7
SHADOW (E)	6.7	6.7	5.3	4.7	5.3	5.7
ARUBA	5.3	6.0	7.7	5.0	3.7	5.5
ECO (MB 63-93)	6.3	6.0	4.7	4.7	5.7	5.5
COMMON CREEPING	5.3	5.7	5.0	7.0	4.0	5.4
MEDINA	8.0	5.7	4.0	4.7	4.7	5.4
FLYER	4.0	5.0	4.7	6.0	6.7	5.3
VICTORY (E)	5.3	7.0	3.7	5.0	5.3	5.3
BAR UR 204	3.0	5.3	6.3	5.7	5.7	5.2
BAR FRR 4ZBD	4.3	5.3	4.3	6.7	4.3	5.0

TABLE 15A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
DAWSON	4.3	5.7	4.7	6.0	4.3	5.0
RELIANT II	4.0	8.0	3.0	5.7	4.3	5.0
MB 66-93	6.3	7.0	2.7	4.0	4.7	4.9
SCALDIS	4.3	6.0	2.7	5.7	6.0	4.9
BRIGADE	3.7	5.3	2.7	5.7	6.0	4.7
PAMELA	4.0	5.3	2.7	6.7	4.7	4.7
CASCADE	3.0	5.3	5.0	5.0	4.7	4.6
RONDO	5.3	5.7	4.3	3.3	4.3	4.6
67135	2.0	4.7	4.3	6.7	5.0	4.5
LSD VALUE	2.5	1.8	2.1	4.6	3.7	1.4
C.V. (%)	24.4	14.4	25.4	25.9	25.4	12.5

TABLE 15B. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SEABREEZE	4.7	6.7	5.3	7	7.0	6.1
DAWSON	4.3	5.7	4.7	6	4.3	5.0
LSD VALUE	7.2	2.5	6.3	6.6	9.4	4.2
C.V. (%)	45.4	11.5	35.6	28.8	47.2	21.3

TABLE 15C. LEAF SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
QUATRO (FO 143)	5.3	7.0	3.0	8.3	8.3	6.4
67135	2.0	4.7	4.3	6.7	5.0	4.5
LSD VALUE	6.3	5.2	5.2	2.9	5.2	2.5
C.V. (%)	48.5	25.2	40.1	10.9	22.1	12.8

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 MEANS IN EACH COLUMN.

TABLE 15D. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA

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

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
NJ F-93	8.3	7.0	5.7	8.3	8.0	7.5
SR 5100	7.0	7.7	6.7	7.3	5.7	6.9
WX3-FF54	7.3	6.7	7.0	7.0	6.7	6.9
TMI-3CE	7.3	6.7	6.0	7.0	6.7	6.7
BANNER III (MB 61-93)	7.0	6.7	5.0	7.3	7.0	6.6
JAMESTOWN II	7.0	7.3	6.0	7.3	5.3	6.6
BRIDGEPORT	6.3	7.3	5.3	7.0	6.3	6.5
VICTORY II (PICK 4-91W)	6.3	5.7	6.3	7.7	6.3	6.5
BRITTANY	6.0	6.7	6.3	7.0	6.0	6.4
CULUMBRA (MB 64-93)	7.7	7.3	5.3	5.3	6.0	6.3
ISI-FC-62	7.0	7.0	5.0	6.7	6.0	6.3
SHADOW II (PST-44D)	6.0	6.7	5.3	6.3	7.0	6.3
TIFFANY	6.0	7.3	6.3	6.3	5.7	6.3
SANDPIPER (PRO 92/20)	6.7	7.3	5.0	6.0	6.0	6.2
K-2 (MB 65-93)	7.3	6.7	3.3	6.3	7.0	6.1
MOLINDA	7.0	6.7	4.7	5.7	6.7	6.1
BANNER II	6.7	6.3	4.3	6.3	5.7	5.9
DARWIN	7.3	7.0	4.7	5.7	5.0	5.9
JAMESTOWN	7.0	6.7	5.0	5.7	5.0	5.9
TREAZURE (ZPS-MG)	7.0	6.3	5.7	5.0	5.3	5.9
SHADOW (E)	6.7	6.7	5.3	4.7	5.3	5.7
ECO (MB 63-93)	6.3	6.0	4.7	4.7	5.7	5.5
MEDINA	8.0	5.7	4.0	4.7	4.7	5.4
VICTORY (E)	5.3	7.0	3.7	5.0	5.3	5.3
MB 66-93	6.3	7.0	2.7	4.0	4.7	4.9
CASCADE	3.0	5.3	5.0	5.0	4.7	4.6
LSD VALUE	3.7	1.9	2.4	5.1	5.7	1.7
C.V. (%)	21.5	11.7	22.9	28.7	27.6	12.8

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 MEANS IN EACH COLUMN.

TABLE 15E. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
PST-4VB ENDO.	6.0	6.0	7.0	8.7	7.7	7.1
SHADEMASTER II	7.7	6.3	5.7	8.0	7.7	7.1
FLYER II (ZPS-4BN)	6.0	6.7	6.0	7.7	7.0	6.7
WX3-FFG6	7.3	5.7	6.0	8.3	5.7	6.6
SILVERLAWN (WVPB-STCR-101)	7.0	5.3	5.7	7.7	6.7	6.5
PST-4ST	6.7	6.7	5.3	6.3	6.0	6.2
CAS-FRL3	4.3	6.0	5.0	6.3	7.7	5.9
PST-4DT	6.0	5.0	5.3	5.7	7.3	5.9
JASPER (E)	5.7	5.3	4.0	6.7	7.0	5.7
ARUBA	5.3	6.0	7.7	5.0	3.7	5.5
COMMON CREEPING	5.3	5.7	5.0	7.0	4.0	5.4
FLYER	4.0	5.0	4.7	6.0	6.7	5.3
BAR UR 204	3.0	5.3	6.3	5.7	5.7	5.2
BAR FRR 4ZBD	4.3	5.3	4.3	6.7	4.3	5.0
RONDO	5.3	5.7	4.3	3.3	4.3	4.6
LSD VALUE	2.4	-	1.6	3.8	2.5	0.9
C.V. (%)	22.9	19.4	16.0	26.2	22.4	8.9

TABLE 15F. LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MAY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	MEAN
SR 3100	6.7	7.0	6.0	7.7	6.3	6.7
DISCOVERY	6.3	7.3	3.7	7.0	6.7	6.2
AURORA W/ENDO.	6.7	6.0	3.0	7.3	7.7	6.1
DEFIANCE (MB 81-93)	6.0	6.0	3.7	7.7	7.0	6.1
MB 82-93	5.3	6.7	4.0	7.3	7.0	6.1
NORDIC	6.7	5.7	3.7	7.0	7.3	6.1
OSPREY (PRO 92/24)	6.0	7.0	3.3	7.3	6.7	6.1
ECOSTAR	6.7	6.3	3.3	8.0	5.7	6.0
SPARTAN	4.3	5.7	3.7	7.3	8.3	5.9
VERNON (MB 83-93)	4.3	6.0	4.0	7.7	7.3	5.9
RELIANT II	4.0	8.0	3.0	5.7	4.3	5.0
SCALDIS	4.3	6.0	2.7	5.7	6.0	4.9
BRIGADE	3.7	5.3	2.7	5.7	6.0	4.7
PAMELA	4.0	5.3	2.7	6.7	4.7	4.7
LSD VALUE	3.1	1.8	3.4	-	3.6	1.8
C.V. (%)	26.6	14.0	37.6	22.6	23.4	14.1

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

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

TABLE 16A. MOWING INJURY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1	NAME	ME1
SR 3100	7.3	VICTORY (E)	4.0
MB 82-93	6.7	WX3-FF54	4.0
TIFFANY	6.7	67135	3.7
DISCOVERY	6.3	BAR UR 204	3.7
BRIDGEPORT	6.0	BRITTANY	3.7
PAMELA	6.0	FLYER	3.7
QUATRO (FO 143)	6.0	JAMESTOWN	3.7
BRIGADE	5.7	JAMESTOWN II	3.7
DEFIANCE (MB 81-93)	5.7	MB 66-93	3.7
SCALDIS	5.7	MOLINDA	3.7
VERNON (MB 83-93)	5.7	TREAZURE (ZPS-MG)	3.7
ECOSTAR	5.3	WX3-FFG6	3.7
RELIANT II	5.3	ARUBA	3.3
SHADOW II (PST-44D)	5.3	BANNER II	3.3
ISI-FC-62	5.0	CAS-FR13	3.3
OSPREY (PRO 92/24)	5.0	COMMON CREEPING	3.3
SANDPIPER (PRO 92/20)	5.0	JASPER (E)	3.3
SHADOW (E)	5.0	PST-4DT	3.3
TMI-3CE	5.0	RONDO	3.3
BANNER III (MB 61-93)	4.7	SILVERLAWN (WVPB-STCR-101)	3.3
NORDIC	4.7	PST-4ST	3.0
VICTORY II (PICK 4-91W)	4.7	BAR FRR 4ZBD	2.7
DARWIN	4.3	CULUMBRA (MB 64-93)	2.7
K-2 (MB 65-93)	4.3	PST-4VB ENDO.	2.7
NJ F-93	4.3	CASCADE	2.3
SPARTAN	4.3	SHADEMASTER II	2.0
SR 5100	4.3	FLYER II (ZPS-4BN)	1.7
AURORA W/ENDO.	4.0		
DAWSON	4.0	LSD VALUE	2.4
ECO (MB 63-93)	4.0		
MEDINA	4.0	C.V. (%)	34.8
SEABREEZE	4.0		

TABLE 16B. MOWING INJURY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1
DAWSON	4.0
SEABREEZE	4.0
LSD VALUE	2.5
C.V. (%)	39.5

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 MEANS IN EACH COLUMN.

TABLE 16C. MOWING INJURY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1
QUATRO (FO 143)	6.0
67135	3.7
LSD VALUE	2.1
C.V. (%)	26.7

TABLE 16D. MOWING INJURY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1
TIFFANY	6.7
BRIDGEPORT	6.0
SHADOW II (PST-44D)	5.3
ISI-FC-62	5.0
SANDPIPER (PRO 92/20)	5.0
SHADOW (E)	5.0
TMI-3CE	5.0
BANNER III (MB 61-93)	4.7
VICTORY II (PICK 4-91W)	4.7
DARWIN	4.3
K-2 (MB 65-93)	4.3
NJ F-93	4.3
SR 5100	4.3
ECO (MB 63-93)	4.0
MEDINA	4.0
VICTORY (E)	4.0
WX3-FF54	4.0
BRITTANY	3.7
JAMESTOWN	3.7
JAMESTOWN II	3.7
MB 66-93	3.7
MOLINDA	3.7
TREAZURE (ZPS-MG)	3.7
BANNER II	3.3
CULUMBRA (MB 64-93)	2.7
CASCADE	2.3
LSD VALUE	2.5
C.V. (%)	36.1

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 MEANS IN EACH COLUMN.

TABLE 16E. MOWING INJURY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1
BAR UR 204	3.7
FLYER	3.7
WX3-FFG6	3.7
ARUBA	3.3
CAS-FR13	3.3
COMMON CREEPING	3.3
JASPER (E)	3.3
PST-4DT	3.3
RONDO	3.3
SILVERLAWN (WVPB-STCR-101)	3.3
PST-4ST	3.0
BAR FRR 4ZBD	2.7
PST-4VB ENDO.	2.7
SHADEMASTER II	2.0
FLYER II (ZPS-4BN)	1.7
LSD VALUE	2.3
C.V. (%)	46.0

TABLE 16F. MOWING INJURY RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	ME1
SR 3100	7.3
MB 82-93	6.7
DISCOVERY	6.3
PAMELA	6.0
BRIGADE	5.7
DEFIANCE (MB 81-93)	5.7
SCALDIS	5.7
VERNON (MB 83-93)	5.7
ECOSTAR	5.3
RELIANT II	5.3
OSPREY (PRO 92/24)	5.0
NORDIC	4.7
SPARTAN	4.3
AURORA W/ENDO.	4.0
LSD VALUE	2.4
C.V. (%)	26.7

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 MEANS IN EACH COLUMN.

TABLE 17A.

SUMMER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1996 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	GA1	GA2	MEAN	NAME	GA1	GA2	MEAN
OSPREY (PRO 92/24)	7.3	4.0	5.7	BAR FRR 4ZBD	6.3	1.0	3.7
BRIGADE	6.7	4.3	5.5	DAWSON	6.3	1.0	3.7
SPARTAN	6.7	4.3	5.5	JAMESTOWN II	3.7	3.7	3.7
WX3-FF54	5.7	5.3	5.5	NORDIC	6.3	1.0	3.7
DISCOVERY	6.3	4.3	5.3	PAMELA	6.3	1.0	3.7
BRITTANY	5.0	5.0	5.0	SCALDIS	6.3	1.0	3.7
TMI-3CE	4.7	5.3	5.0	SHADOW II (PST-44D)	3.7	3.7	3.7
SR 5100	4.7	5.0	4.8	67135	6.0	1.0	3.5
VICTORY (E)	4.7	5.0	4.8	SEABREEZE	6.0	1.0	3.5
WX3-FFG6	5.0	4.7	4.8	SHADEMASTER II	6.0	1.0	3.5
NJ F-93	5.3	4.3	4.8	AURORA W/ENDO.	5.7	1.0	3.3
ISI-FC-62	5.0	4.3	4.7	FLYER	5.7	1.0	3.3
K-2 (MB 65-93)	5.0	4.3	4.7	FLYER II (ZPS-4EN)	5.7	1.0	3.3
SANDPIPER (PRO 92/20)	4.3	5.0	4.7	PST-4DT	5.7	1.0	3.3
ECOSTAR	7.0	2.0	4.5	PST-4ST	5.7	1.0	3.3
SR 3100	6.3	2.7	4.5	PST-4VB ENDO.	5.7	1.0	3.3
TREASURE (ZPS-MG)	5.0	3.7	4.3	QUATRO (FO 143)	5.7	1.0	3.3
BRIDGEPORT	4.7	3.7	4.2	BANNER II	4.3	2.3	3.3
JAMESTOWN	4.7	3.7	4.2	MEDINA	5.3	1.0	3.2
TIFFANY	4.7	3.7	4.2	CASCADE	3.3	2.7	3.0
BANNER III (MB 61-93)	4.0	4.3	4.2	RONDO	5.0	1.0	3.0
DEFIANCE (MB 81-93)	6.3	2.0	4.2	BAR UR 204	4.7	1.0	2.8
RELIANT II	6.3	2.0	4.2	COMMON CREEPING	4.7	1.0	2.8
CULUMBRA (MB 64-93)	5.0	3.0	4.0	DARWIN	4.7	1.0	2.8
MB 66-93	6.0	2.0	4.0	SILVERLAWN (WVPB-STCR-101)	4.7	1.0	2.8
VICTORY II (PICK 4-91W)	5.3	2.7	4.0	SHADOW (E)	3.7	2.0	2.8
ARUBA	6.7	1.0	3.8	MOLINDA	4.3	1.0	2.7
CAS-FR13	6.7	1.0	3.8				
JASPER (E)	6.7	1.0	3.8	LSD VALUE	1.2	2.3	1.3
VERNON (MB 83-93)	6.7	1.0	3.8				
ECO (MB 63-93)	4.0	3.7	3.8	C.V. (%)	14.0	58.3	29.3
MB 82-93	5.3	2.3	3.8				

TABLE 17B. SUMMER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1996 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	GA1	GA2	MEAN
DAWSON	6.3	1	3.7
SEABREEZE	6.0	1	3.5
LSD VALUE	1.3	0	0.7
C.V. (%)	13.2	0	16.1

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

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

TABLE 17C. SUMMER COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	MEAN
67135	6.0	1	3.5
QUATRO (FO 143)	5.7	1	3.3
LSD VALUE	1.7	0	0.9
C.V. (%)	18.5	0	22.4

TABLE 17D. SUMMER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	MEAN
WX3-FF54	5.7	5.3	5.5
BRITTANY	5.0	5.0	5.0
TMI-3CE	4.7	5.3	5.0
SR 5100	4.7	5.0	4.8
VICTORY (E)	4.7	5.0	4.8
NJ F-93	5.3	4.3	4.8
ISI-FC-62	5.0	4.3	4.7
K-2 (MB 65-93)	5.0	4.3	4.7
SANDPIPER (PRO 92/20)	4.3	5.0	4.7
TREAZURE (ZPS-MG)	5.0	3.7	4.3
BRIDGEPORT	4.7	3.7	4.2
JAMESTOWN	4.7	3.7	4.2
TIFFANY	4.7	3.7	4.2
BANNER III (MB 61-93)	4.0	4.3	4.2
CULUMBRA (MB 64-93)	5.0	3.0	4.0
MB 66-93	6.0	2.0	4.0
VICTORY II (PICK 4-91W)	5.3	2.7	4.0
ECO (MB 63-93)	4.0	3.7	3.8
JAMESTOWN II	3.7	3.7	3.7
SHADOW II (PST-44D)	3.7	3.7	3.7
BANNER II	4.3	2.3	3.3
MEDINA	5.3	1.0	3.2
CASCADE	3.3	2.7	3.0
DARWIN	4.7	1.0	2.8
SHADOW (E)	3.7	2.0	2.8
MOLINDA	4.3	1.0	2.7
LSD VALUE	1.0	2.8	1.5
C.V. (%)	14.0	49.4	32.1

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

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

TABLE 17E. SUMMER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	MEAN
WX3-FFG6	5.0	4.7	4.8
ARUBA	6.7	1.0	3.8
CAS-FR13	6.7	1.0	3.8
JASPER (E)	6.7	1.0	3.8
BAR FRR 4ZBD	6.3	1.0	3.7
SHADEMASTER II	6.0	1.0	3.5
FLYER	5.7	1.0	3.3
FLYER II (ZPS-4BN)	5.7	1.0	3.3
PST-4DT	5.7	1.0	3.3
PST-4ST	5.7	1.0	3.3
PST-4VB ENDO.	5.7	1.0	3.3
RONDO	5.0	1.0	3.0
BAR UR 204	4.7	1.0	2.8
COMMON CREEPING	4.7	1.0	2.8
SILVERLAWN (WVPB-STCR-101)	4.7	1.0	2.8
LSD VALUE	1.3	0.5	0.7
C.V. (%)	14.5	24.0	17.8

TABLE 17F. SUMMER COLOR RATINGS OF HARD FESCUE CULTIVARS 1/
1996 DATA

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

NAME	GA1	GA2	MEAN
OSPREY (PRO 92/24)	7.3	4.0	5.7
BRIGADE	6.7	4.3	5.5
SPARTAN	6.7	4.3	5.5
DISCOVERY	6.3	4.3	5.3
ECOSTAR	7.0	2.0	4.5
SR 3100	6.3	2.7	4.5
DEFIANCE (MB 81-93)	6.3	2.0	4.2
RELIANT II	6.3	2.0	4.2
VERNON (MB 83-93)	6.7	1.0	3.8
MB 82-93	5.3	2.3	3.8
NORDIC	6.3	1.0	3.7
PAMELA	6.3	1.0	3.7
SCALDIS	6.3	1.0	3.7
AURORA W/ENDO.	5.7	1.0	3.3
LSD VALUE	1.3	2.9	1.6
C.V. (%)	12.7	75.8	31.7

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 MEANS IN EACH COLUMN.

TABLE 18A.

BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	MEAN	NAME	JUNE	JULY	AUGUST	MEAN
NJ F-93	7.7	7.0	5.3	6.7	SHADOW (E)	5.7	4.3	4.7	4.9
CULUMBRA (MB 64-93)	7.3	6.0	6.0	6.4	WX3-FFG6	4.3	4.0	6.3	4.9
SHADEMASTER II	6.3	6.7	6.3	6.4	AURORA W/ENDO.	4.7	4.3	5.3	4.8
DARWIN	6.7	7.3	5.0	6.3	RONDO	4.7	5.0	4.7	4.8
PST-4VB ENDO.	6.7	6.0	6.3	6.3	SPARTAN	5.3	4.3	4.7	4.8
SR 5100	6.7	6.7	5.7	6.3	BRIDGEPORT	5.0	4.3	4.7	4.7
VICTORY II (PICK 4-91W)	6.3	6.0	6.7	6.3	DAWSON	4.3	4.0	5.7	4.7
K-2 (MB 65-93)	6.3	5.7	6.0	6.0	JAMESTOWN	4.0	4.0	6.0	4.7
TMI-3CE	7.3	5.3	5.3	6.0	JASPER (E)	3.3	4.7	6.0	4.7
SCALDIS	6.7	5.0	5.7	5.8	PAMELA	4.7	5.0	4.3	4.7
DEFIANCE (MB 81-93)	5.7	5.7	5.7	5.7	SR 3100	5.7	3.3	5.0	4.7
OSPREY (PRO 92/24)	6.3	5.7	5.0	5.7	BAR UR 204	4.0	4.0	5.7	4.6
FLYER II (ZPS-4BN)	6.0	4.7	6.0	5.6	CAS-FR13	6.0	3.3	4.3	4.6
PST-4ST	5.3	5.7	5.7	5.6	ECO (MB 63-93)	4.0	4.0	5.7	4.6
SANDPIPER (PRO 92/20)	6.3	6.0	4.3	5.6	PST-4DT	4.0	3.7	6.0	4.6
DISCOVERY	6.3	5.7	4.3	5.4	BRITTANY	4.3	4.3	4.7	4.4
SHADOW II (PST-44D)	6.3	4.7	5.3	5.4	FLYER	3.7	4.3	5.3	4.4
SILVERLAWN (WVPB-STCR-101)	4.7	6.0	5.7	5.4	BANNER II	3.3	4.0	5.7	4.3
TREAZURE (ZPS-MG)	6.0	5.0	5.3	5.4	BAR FRR 4ZBD	3.3	4.7	5.0	4.3
ISI-FC-62	5.7	4.7	5.7	5.3	SEABREEZE	3.3	3.3	6.3	4.3
BANNER III (MB 61-93)	5.7	4.0	6.0	5.2	TIFFANY	5.3	3.3	4.0	4.2
CASCADE	4.3	5.3	6.0	5.2	MB 66-93	4.3	3.7	4.3	4.1
MB 82-93	6.7	4.3	4.7	5.2	67135	3.3	3.0	5.7	4.0
MOLINDA	5.3	4.3	6.0	5.2	BRIGADE	4.0	3.0	5.0	4.0
WX3-FF54	4.7	5.3	5.7	5.2	QUATRO (FO 143)	3.3	3.0	5.3	3.9
JAMESTOWN II	4.3	4.3	6.7	5.1	COMMON CREEPING	3.0	2.7	4.7	3.4
MEDINA	5.3	5.3	4.7	5.1	VICTORY (E)	2.7	2.7	5.0	3.4
VERNON (MB 83-93)	5.7	4.3	5.3	5.1					
NORDIC	5.0	4.7	5.3	5.0	LSD VALUE	3.8	5.1	3.2	2.9
ARUBA	4.0	4.0	6.7	4.9					
ECOSTAR	5.7	4.7	4.3	4.9	C.V. (%)	31.9	35.7	20.2	21.4
RELIANT II	6.7	4.3	3.7	4.9					

TABLE 18B. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	MEAN
DAWSON	4.3	4.0	5.7	4.7
SEABREEZE	3.3	3.3	6.3	4.3
LSD VALUE	2.5	3.8	3.8	2.5
C.V. (%)	18.4	29.5	18.0	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 MEANS IN EACH COLUMN.

TABLE 18C. BROWN PATCH RATINGS OF SHEEP FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
67135	3.3	3	5.7	4.0
QUATRO (FO 143)	3.3	3	5.3	3.9
LSD VALUE	4.3	2.5	3.8	0.5
C. V. (%)	36.7	23.6	19.6	3.4

TABLE 18D. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
NJ F-93	7.7	7.0	5.3	6.7
CULUMBRA (MB 64-93)	7.3	6.0	6.0	6.4
DARWIN	6.7	7.3	5.0	6.3
SR 5100	6.7	6.7	5.7	6.3
VICTORY II (PICK 4-91W)	6.3	6.0	6.7	6.3
K-2 (MB 65-93)	6.3	5.7	6.0	6.0
TMI-3CE	7.3	5.3	5.3	6.0
SANDPIPER (PRO 92/20)	6.3	6.0	4.3	5.6
SHADOW II (PST-44D)	6.3	4.7	5.3	5.4
TREAZURE (ZPS-MG)	6.0	5.0	5.3	5.4
ISI-FC-62	5.7	4.7	5.7	5.3
BANNER III (MB 61-93)	5.7	4.0	6.0	5.2
CASCADE	4.3	5.3	6.0	5.2
MOLINDA	5.3	4.3	6.0	5.2
WX3-FF54	4.7	5.3	5.7	5.2
JAMESTOWN II	4.3	4.3	6.7	5.1
MEDINA	5.3	5.3	4.7	5.1
SHADOW (E)	5.7	4.3	4.7	4.9
BRIDGEPORT	5.0	4.3	4.7	4.7
JAMESTOWN	4.0	4.0	6.0	4.7
ECO (MB 63-93)	4.0	4.0	5.7	4.6
BRITTANY	4.3	4.3	4.7	4.4
BANNER II	3.3	4.0	5.7	4.3
TIFFANY	5.3	3.3	4.0	4.2
MB 66-93	4.3	3.7	4.3	4.1
VICTORY (E)	2.7	2.7	5.0	3.4
LSD VALUE	4.3	4.4	2.9	2.9
C.V. (%)	32.4	33.9	19.7	22.0

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

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

TABLE 18E. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	MEAN
SHADEMASTER II	6.3	6.7	6.3	6.4
PST-4VB ENDO.	6.7	6.0	6.3	6.3
FLYER II (ZPS-4BN)	6.0	4.7	6.0	5.6
PST-4ST	5.3	5.7	5.7	5.6
SILVERLAWN (WVPB-STCR-101)	4.7	6.0	5.7	5.4
ARUBA	4.0	4.0	6.7	4.9
WX3-FFG6	4.3	4.0	6.3	4.9
RONDO	4.7	5.0	4.7	4.8
JASPER (E)	3.3	4.7	6.0	4.7
BAR UR 204	4.0	4.0	5.7	4.6
CAS-FR13	6.0	3.3	4.3	4.6
PST-4DT	4.0	3.7	6.0	4.6
FLYER	3.7	4.3	5.3	4.4
BAR FRR 4ZBD	3.3	4.7	5.0	4.3
COMMON CREEPING	3.0	2.7	4.7	3.4
LSD VALUE	3.6	5.0	3.0	2.6
C.V. (%)	33.9	39.6	19.9	21.7

TABLE 18F. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1996 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	MEAN
SCALDIS	6.7	5.0	5.7	5.8
DEFIANCE (MB 81-93)	5.7	5.7	5.7	5.7
OSPREY (PRO 92/24)	6.3	5.7	5.0	5.7
DISCOVERY	6.3	5.7	4.3	5.4
MB 82-93	6.7	4.3	4.7	5.2
VERNON (MB 83-93)	5.7	4.3	5.3	5.1
NORDIC	5.0	4.7	5.3	5.0
ECOSTAR	5.7	4.7	4.3	4.9
RELIANT II	6.7	4.3	3.7	4.9
AURORA W/ENDO.	4.7	4.3	5.3	4.8
SPARTAN	5.3	4.3	4.7	4.8
PAMELA	4.7	5.0	4.3	4.7
SR 3100	5.7	3.3	5.0	4.7
BRIGADE	4.0	3.0	5.0	4.0
LSD VALUE	3.2	-	-	-
C.V. (%)	22.4	36.0	22.7	19.4

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 MEANS IN EACH COLUMN.