

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, a national director, and an executive coordinator. The program will 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. The national director is responsible for the overall coordination and operation of the NTEP, including (1) soliciting entries and distribution of test seed sets to evaluators, (2) data summarization and distribution, and, (3) management of test materials, facilities, and finances.

National Director - Kevin N. Morris, National Turfgrass Federation, Inc.
Executive Coordinator, NTEP Policy Committee - J. Jack Murray

CURRENT POLICY COMMITTEE MEMBERS:

Dr. Donald B. White, University of Minnesota
Dr. Milton C. Engelke, Texas A & M University
Dr. Terrance P. Riordan, University of Nebraska
Dr. William A. Meyer, Pure-Seed Testing, Inc.
Dr. Bridget Ruummele, University of Rhode Island
Mr. Al Gardner, A-G Turf Farms, Inc.

FOR ADDITIONAL REPORTS OR INFORMATION WRITE:

Kevin Morris, National Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 001, Room 333
Beltsville, Maryland 20705

CONTENTS

1989 National Fineleaf Fescue Test - 1991 data

LOCATIONS SUBMITTING DATA FOR 1991.....1

NATIONAL FINELEAF FESCUE TEST, 1989 - Entries and Sponsors.....2

Table A - 1991 Locations, Site Descriptions and Management
Practices in the 1989 National Fineleaf Fescue Test.....3

Table B - Locations and Data Collected in 1991.....4

Table 1A - Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty-Two Locations in the United States.....5

Table 1B - Mean Turfgrass Quality Ratings of Creeping Red Fescue
Cultivars at Twenty-Two Locations in the United States.....9

Table 1C - Mean Turfgrass Quality Ratings of Slender Creeping Fescue
Cultivars at Twenty-Two Locations in the United States.....11

Table 1D - Mean Turfgrass Quality Ratings of Chewings Fescue
Cultivars at Twenty-Two Locations in the United States.....12

Table 1E - Mean Turfgrass Quality Ratings of Hard Fescue
Cultivars at Twenty-Two Locations in the United States.....14

Table 1F - Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Twenty-Two Locations in the United States.....15

Table 2A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..16

Table 2B - Mean Turfgrass Quality Ratings of Creeping Red Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..18

Table 2C - Mean Turfgrass Quality Ratings of Slender Creeping Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..18

Table 2D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..19

Table 2E - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..20

Table 2F - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars
for Each Month Grown at Twenty-Two Locations in the United States..20

Table 3A - Ranking of Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty-Two Locations in the United States.....21

Table 3B - Ranking of Mean Turfgrass Quality Ratings of Creeping Red Fescue
Cultivars at Twenty-Two Locations in the United States.....25

Table 3C - Ranking of Mean Turfgrass Quality Ratings of Slender Creeping Fescue
Cultivars at Twenty-Two Locations in the United States.....27

Table 3D - Ranking of Mean Turfgrass Quality Ratings of Chewings Fescue
Cultivars at Twenty-Two Locations in the United States.....28

Table 3E - Ranking of Mean Turfgrass Quality Ratings of Hard Fescue
Cultivars at Twenty-Two Locations in the United States.....30

Table 3F - Ranking of Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Twenty-Two Locations in the United States.....31

Table 4A - Genetic Color Ratings of Fineleaf Fescue Cultivars.....32

Table 4B - Genetic Color Ratings of Creeping Red Fescue Cultivars.....33

Table 4C - Genetic Color Ratings of Slender Creeping Fescue Cultivars.....33

Table 4D - Genetic Color Ratings of Chewings Fescue Cultivars.....34

Table 4E - Genetic Color Ratings of Hard Fescue Cultivars.....35

Table 4F - Genetic Color Ratings of Sheep Fescue Cultivars.....35

Table 5A - Spring Greenup Ratings of Fineleaf Fescue Cultivars.....36

Table 5B - Spring Greenup Ratings of Creeping Red Fescue Cultivars.....37

Table 5C - Spring Greenup Ratings of Slender Creeping Fescue Cultivars.....37

Table 5D - Spring Greenup Ratings of Chewings Fescue Cultivars.....38

Table 5E - Spring Greenup Ratings of Hard Fescue Cultivars.....39

Table 5F - Spring Greenup Ratings of Sheep Fescue Cultivars.....39

Table 6A - Seedling Vigor Ratings of Fineleaf Fescue Cultivars.....40

Table 6B - Seedling Vigor Ratings of Creeping Red Fescue Cultivars.....41

Table 6C - Seedling Vigor Ratings of Slender Creeping Fescue Cultivars.....41

CONTENTS (continued)

Table 6D - Seedling Vigor Ratings of Chewings Fescue Cultivars.....	42
Table 6E - Seedling Vigor Ratings of Hard Fescue Cultivars.....	43
Table 6F - Seedling Vigor Ratings of Sheep Fescue Cultivars.....	43
Table 7A - Leaf Texture Ratings of Fineleaf Fescue Cultivars.....	44
Table 7B - Leaf Texture Ratings of Creeping Red Fescue Cultivars.....	45
Table 7C - Leaf Texture Ratings of Slender Creeping Fescue Cultivars.....	45
Table 7D - Leaf Texture Ratings of Chewings Fescue Cultivars.....	46
Table 7E - Leaf Texture Ratings of Hard Fescue Cultivars.....	47
Table 7F - Leaf Texture Ratings of Sheep Fescue Cultivars.....	47
Table 8A - Spring Density Ratings of Fineleaf Fescue Cultivars.....	48
Table 8B - Spring Density Ratings of Creeping Red Fescue Cultivars.....	49
Table 8C - Spring Density Ratings of Slender Creeping Fescue Cultivars.....	49
Table 8D - Spring Density Ratings of Chewings Fescue Cultivars.....	50
Table 8E - Spring Density Ratings of Hard Fescue Cultivars.....	51
Table 8F - Spring Density Ratings of Sheep Fescue Cultivars.....	51
Table 9A - Fall Density Ratings of Fineleaf Fescue Cultivars.....	52
Table 9B - Fall Density Ratings of Creeping Red Fescue Cultivars.....	53
Table 9C - Fall Density Ratings of Slender Creeping Fescue Cultivars.....	53
Table 9D - Fall Density Ratings of Chewings Fescue Cultivars.....	54
Table 9E - Fall Density Ratings of Hard Fescue Cultivars.....	55
Table 9F - Fall Density Ratings of Sheep Fescue Cultivars.....	55
Table 10A- Percent Living Ground Cover (Spring) Ratings of Fineleaf Fescue Cultivars.....	56
Table 10B- Percent Living Ground Cover (Spring) Ratings of Creeping Red Fescue Cultivars.....	57
Table 10C- Percent Living Ground Cover (Spring) Ratings of Slender Creeping Fescue Cultivars.....	57
Table 10D- Percent Living Ground Cover (Spring) Ratings of Chewings Fescue Cultivars.....	58
Table 10E- Percent Living Ground Cover (Spring) Ratings of Hard Fescue Cultivars.....	59
Table 10F- Percent Living Ground Cover (Spring) Ratings of Sheep Fescue Cultivars.....	59
Table 11A- Percent Living Ground Cover (Summer) Ratings of Fineleaf Fescue Cultivars.....	60
Table 11B- Percent Living Ground Cover (Summer) Ratings of Creeping Red Fescue Cultivars.....	61
Table 11C- Percent Living Ground Cover (Summer) Ratings of Slender Creeping Fescue Cultivars.....	61
Table 11D- Percent Living Ground Cover (Summer) Ratings of Chewings Fescue Cultivars.....	62
Table 11E- Percent Living Ground Cover (Summer) Ratings of Hard Fescue Cultivars.....	63
Table 11F- Percent Living Ground Cover (Summer) Ratings of Sheep Fescue Cultivars.....	63
Table 12A- Percent Living Ground Cover (Fall) Ratings of Fineleaf Fescue Cultivars.....	64
Table 12B- Percent Living Ground Cover (Fall) Ratings of Creeping Red Fescue Cultivars.....	65
Table 12C- Percent Living Ground Cover (Fall) Ratings of Slender Creeping Fescue Cultivars.....	65
Table 12D- Percent Living Ground Cover (Fall) Ratings of Chewings Fescue Cultivars.....	66
Table 12E- Percent Living Ground Cover (Fall) Ratings of Hard Fescue Cultivars.....	67

CONTENTS (continued)

Table 12F- Percent Living Ground Cover (Fall) Ratings of Sheep Fescue Cultivars.....	67
Table 13A- Winter Color Ratings of Fineleaf Fescue Cultivars.....	68
Table 13B- Winter Color Ratings of Creeping Red Fescue Cultivars.....	69
Table 13C- Winter Color Ratings of Slender Creeping Fescue Cultivars.....	69
Table 13D- Winter Color Ratings of Chewings Fescue Cultivars.....	70
Table 13E- Winter Color Ratings of Hard Fescue Cultivars.....	71
Table 13F- Winter Color Ratings of Sheep Fescue Cultivars.....	71
Table 14A- Drought Tolerance (Dormancy) Ratings of Fineleaf Fescue Cultivars..	72
Table 14B- Drought Tolerance (Dormancy) Ratings of Creeping Red Fescue Cultivars.....	73
Table 14C- Drought Tolerance (Dormancy) Ratings of Slender Creeping Fescue Cultivars.....	73
Table 14D- Drought Tolerance (Dormancy) Ratings of Chewings Fescue Cultivars..	74
Table 14E- Drought Tolerance (Dormancy) Ratings of Hard Fescue Cultivars.....	75
Table 14F- Drought Tolerance (Dormancy) Ratings of Sheep Fescue Cultivars.....	75
Table 15A- Leafspot Ratings of Fineleaf Fescue Cultivars.....	76
Table 15B- Leafspot Ratings of Creeping Red Fescue Cultivars.....	77
Table 15C- Leafspot Ratings of Slender Creeping Fescue Cultivars.....	77
Table 15D- Leafspot Ratings of Chewings Fescue Cultivars.....	78
Table 15E- Leafspot Ratings of Hard Fescue Cultivars.....	79
Table 15F- Leafspot Ratings of Sheep Fescue Cultivars.....	79
Table 16A- Dollar Spot Ratings of Fineleaf Fescue Cultivars.....	80
Table 16B- Dollar Spot Ratings of Creeping Red Fescue Cultivars.....	81
Table 16C- Dollar Spot Ratings of Slender Creeping Fescue Cultivars.....	81
Table 16D- Dollar Spot Ratings of Chewings Fescue Cultivars.....	82
Table 16E- Dollar Spot Ratings of Hard Fescue Cultivars.....	83
Table 16F- Dollar Spor Ratings of Sheep Fescue Cultivars.....	83
Table 17A- Red Thread Ratings of Fineleaf Fescue Cultivars.....	84
Table 17B- Red Thread Ratings of Creeping Red Fescue Cultivars.....	85
Table 17C- Red Thread Ratings of Slender Creeping Fescue Cultivars.....	85
Table 17D- Red Thread Ratings of Chewings Fescue Cultivars.....	86
Table 17E- Red Thread Ratings of Hard Fescue Cultivars.....	87
Table 17F- Red Thread Ratings of Sheep Fescue Cultivars.....	87
Table 18A- Canopy Height Measurements of Fineleaf Fescue Cultivars.....	88
Table 18B- Canopy Height Measurements of Creeping Red Fescue Cultivars.....	89
Table 18C- Canopy Height Measurements of Slender Creeping Fescue Cultivars....	89
Table 18D- Canopy Height Measurements of Chewings Fescue Cultivars.....	90
Table 18E- Canopy Height Measurements of Hard Fescue Cultivars.....	91
Table 18F- Canopy Height Measurements of Sheep Fescue Cultivars.....	91
Table 19A- Mowing Ratings of Fineleaf Fescue Cultivars.....	92
Table 19B- Mowing Ratings of Creeping Red Fescue Cultivars.....	93
Table 19C- Mowing Ratings of Slender Creeping Fescue Cultivars.....	93
Table 19D- Mowing Ratings of Chewings Fescue Cultivars.....	94
Table 19E- Mowing Ratings of Hard Fescue Cultivars.....	95
Table 19F- Mowing Ratings of Sheep Fescue Cultivars.....	95

LOCATIONS SUBMITTING DATA FOR 1991

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn University	AL1
Idaho	Post Falls	ID2
Illinois	Carbondale (low mowing)	IL1
Illinois	Carbondale (high mowing)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Minnesota	Minneapolis	MN1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	North Brunswick (low maintenance)	NJ2
New Jersey	Adelphia	NJ3
Oregon	Hubbard (uniform shade)	OR2
Oregon	Summary of data collected at Halsey and Hubbard	OR9
Pennsylvania	University Park	PA1
Pennsylvania	University Park (mowed 4 times/year)	PA2
Rhode Island	Kingston	RI1
Saskatchewan	Saskatoon	SK1
Washington	Pullman	WA1

1989 NATIONAL FINELEAF FESCUE TEST

Entries and Sponsors

Entry No.	Name	Species	Sponsor	Entry No.	Name	Species	Sponsor
1	Serra	hard	Willamette Seed Co.	51	HF 138	slender creeping	Advanta Seeds West
2	Elanor	creeping red	Production Service	52	Jamestown	chewings	Loff's Seed Co.
3	Dover (NK 82492)	chewings	Medalist America	53	Jamestown II	chewings	Loft's Seed Co.
4	Franklin	creeping red	Advanta Seeds West	54	Reliant-no endophyte	hard	Loff's Seed Co.
5	Camaro	chewings	Advanta Seeds West	55	Reliant-w/endophyte	hard	Loff's Seed Co.
6	Sylvester	creeping red	Advanta Seeds West	56	Dawson	slender creeping	Advanta Seeds West
7	Molinda	chewings	Advanta Seeds West	57	Silvana	hard	Advanta Seeds West
8	Brigade (Melody)	hard	O. M. Scott & Sons	58	Biljart	hard	Advanta Seeds West
9	WW Rs 130	creeping red	E. F. Burlingham & Son	59	Waldorf	chewings	Advanta Seeds West
10	WW Rs 143	creeping red	E. F. Burlingham & Son	60	Epsom	chewings	Advanta Seeds West
11	WW Rs 138	creeping red	E. F. Burlingham & Son	61	Bargena	creeping red	Barenbrug USA
12	Mx 86	sheep	Jacklin Seed Co.	62	Barim (BAR Fr8RC3)	creeping red	Barenbrug USA
13	Scaldis	hard	Medalist America	63	Vista	creeping red	Zajac Performance Seeds
14	Attila	hard	KWS Seeds	64	Bridgeport (N-105)	chewings	Nomarc Seed Company
15	Barskol (BAR Fr 9P)	slender creeping	Barenbrug USA	65	Revere (NK 88001)	creeping red	Medalist America
16	Barlotte	slender creeping	Barenbrug USA	66	Southport	chewings	Jonathan Green & Son
17	Bargreen	chewings	Barenbrug USA	67	Salem	creeping red	Jonathan Green & Son
18	Barcrown	slender creeping	Barenbrug USA	68	Rainbow	chewings	Advanta Seeds West
19	Barnica	chewings	Barenbrug USA	69	Raymond	chewings	Advanta Seeds West
20	Barlander (BAR Fr 9F)	chewings	Barenbrug USA	70	Trophy (Estoril)	chewings	International Seeds
21	Sunset (ZW 42-158)	creeping red	Limagrain Genetics	71	Valda	hard	International Seeds
22	Smirna (ZW 42-160)	slender creeping	Limagrain Genetics	72	Capitol	chewings	Ampac Seed Company
23	SR 3100 (SRX 89-31)	hard	Seed Research of Oregon	73	Eureka	hard	International Seeds
24	SR 3000	hard	Seed Research of Oregon	74	Herald	creeping red	International Seeds
25	SR 5000	chewings	Seed Research of Oregon	75	Claudia	creeping red	Ampac Seed Company
26	Barreppo	hard	Barenbrug USA	76	Cindy	creeping red	International Seeds
27	BAR Fo 9A2	hard	Barenbrug USA	77	Longfellow	chewings	International Seeds
28	Proformer (JMB-89)	chewings	Genesis Group	78	Ensylva	creeping red	International Seeds
29	Shademaster	creeping red	Turf-Seed, Inc./LESCO, Inc.	79	Enjoy	chewings	International Seeds
30	PST-4HD	hard	Pure-Seed Testing	80	Marker	slender creeping	International Seeds
31	PST-4AG	hard	Pure-Seed Testing	81	Jasper	creeping red	Pickseed West
32	PST-4R3	creeping red	Pure-Seed Testing	82	ERG 1143	chewings	International Seeds
33	PST-43F	creeping red	Pure-Seed Testing	83	Boreal	creeping red	-
34	Aurora	hard	Turf-Seed, Inc.	84	Koket	chewings	E. F. Burlingham & Son
35	Aurora w/endo. (PST-AUE)	hard	Turf-Seed, Inc.	85	Wilma	chewings	E. F. Burlingham & Son
36	Shadow w/endo. (PST-SHE)	chewings	Turf-Seed, Inc.	86	Banner	chewings	E. F. Burlingham & Son
37	Frt-30149	slender creeping	Pure-Seed Testing	87	OFI 89-200	chewings	Olsen-Fennel Seed Co.
38	PST-4NI	creeping red	Pure-Seed Testing	88	Collo (LD 3414)	creeping red	Prodana Seeds A/S
39	PST-4FE	chewings	Pure-Seed Testing	89	Talus (LD 3438)	creeping red	Prodana Seeds A/S
40	Bighorn	sheep	Turf-Seed, Inc.	90	Simone (LD 3485)	chewings	Prodana Seeds A/S
41	PST-4C8	creeping red	Pure-Seed Testing	91	Napoli (LD 3488)	slender creeping	Prodana Seeds A/S
42	Shadow	chewings	Turf-Seed, Inc.	92	Puma	chewings	Prodana Seeds A/S
43	PST-4CD	chewings	Pure-Seed Testing	93	89.LKR	chewings	International Seeds
44	Belvedere	fine fescue	Michigan St. Univ.	94	Warwick	hard	Jonathan Green & Son
45	Flyer	creeping red	Pennington Seed				
46	Atlanta	chewings	Advanta Seeds West				
47	Scarlet	chewings	Advanta Seeds West				
48	Mary	chewings	Advanta Seeds West				
49	Comfort (HF 102)	slender creeping	Advanta Seeds West				
50	Fernando (HF 112)	chewings	Advanta Seeds West				

TABLE A.

1991 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1989 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
AL1	SANDY LOAM	4.6-5.5	61-150	0-150	2.1-3.0	FULL SUN	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
ID2	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IL1	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
IL2	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	0.0-1.0	FULL SUN	3.6-4.0	NO IRRIGATION
KY1	SILT LOAM AND SILT	6.1-6.5	271-450	241-375	2.1-3.0	FULL SUN	1.6-2.0	NO IRRIGATION
MD1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	0.0-1.0	PARTIAL SHADE	2.6-3.0	ONLY DURING SEVERE STRESS
MI1	SANDY LOAM	7.6-8.5	0-60	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MN1	SILT LOAM AND SILT	5.6-6.0	-	-	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
NE1	SANDY CLAY LOAM	6.6-7.0	61-150	376-500	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NJ1	LOAM	5.6-6.0	151-270	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	LOAM	5.6-6.0	61-150	0-150	0.0-1.0	FULL SUN	1.6-2.0	NO IRRIGATION
NJ3	LOAM	4.6-5.5	271-450	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OR2	SILT LOAM AND SILT	5.6-6.0	151-270	241-375	4.1-5.0	DENSE SHADE	2.1-2.5	TO PREVENT DORMANCY
OR9	-	-	-	-	-	-	-	-
PA1	SILT LOAM AND SILT	6.6-7.0	-	-	0.0-1.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
PA2	SILT LOAM AND SILT	-	-	-	0.0-1.0	FULL SUN	3.6-4.0	NO IRRIGATION
RI1	SILT LOAM AND SILT	6.6-7.0	271-450	151-240	-	FULL SUN	1.1-1.5	TO PREVENT STRESS
SK1	SILTY CLAY AND CLAY	-	-	-	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
UB1	SANDY LOAM	6.1-6.5	271-450	151-240	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	6.6-7.0	151-270	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1991

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 RATING	SPRING GREENUP RATING
AL1	X	X	X	X	X	X	X	X	X	X	X	X		
IA1						X	X	X	X	X				
ID2				X	X	X	X	X	X				X	X
IL1				X	X	X	X	X	X					
IL2				X	X	X	X	X	X					
IN1				X	X	X	X	X	X					
KY1			X	X	X	X	X	X	X	X				
MD1				X	X			X						
MI1							X		X					
MN1								X						
NE1					X	X	X	X					X	
NJ1				X	X	X	X	X	X	X	X			
NJ2				X	X	X	X	X	X	X	X			
NJ3				X	X	X	X	X	X	X	X			
OR2				X	X	X	X	X	X	X	X			
OR9	X	X	X	X	X	X	X	X	X	X	X	X	X	
PA1					X	X	X	X	X				X	X
PA2						X				X			X	
RI1				X	X	X	X	X	X	X	X			
SK1								X	X	X				
UB1				X	X	X	X	X	X	X	X			X
WA1							X		X	X				

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1991

LOCATION	LEAF TEXTURE RATING	SEEDLING VIGOR	SPRING DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE DORMANCY	LEAF SPOT	DOLLAR SPOT	RED THREAD	CANOPY HEIGHT	MOWING RATING
AL1														
IA1														
ID2	X		X	X	X	X								
IL1														
IL2														
IN1														
KY1														
MD1		X												
MI1														
MN1		X								X				
NE1														
NJ1														
NJ2												X		
NJ3							X				X	X		
OR2														
OR9								X						
PA1		X		X					X					X
PA2					X	X							X	
RI1												X		
SK1		X												
UB1						X	X			X				
WA1														

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
* WARWICK	.	6.1	.	.	.	.	5.0	4.4	.	.	.
* SR 3100 (SRX 89-31)	5.5	6.6	4.6	3.9	4.6	5.1	4.5	5.0	6.2	5.7	6.1
PST-4HD	5.1	5.9	3.7	3.3	4.7	5.0	5.4	4.5	5.8	5.3	6.4
PST-4CD	5.6	7.7	7.1	3.8	4.6	3.8	6.3	4.4	6.3	6.3	6.1
* BRIDGEPORT (N-105)	5.0	7.7	6.9	4.6	5.2	4.2	5.8	4.5	5.8	6.0	6.1
* LONGFELLOW	5.1	7.7	6.9	4.1	5.8	4.2	5.1	4.6	6.2	6.3	6.1
89.LKR	.	7.7	.	.	.	.	5.3	4.9	.	.	5.9
* JAMESTOWN II	5.3	7.8	6.3	4.6	5.1	3.9	6.0	4.9	6.5	6.3	5.9
* SOUTHPORT	5.6	7.7	6.3	4.2	4.9	4.1	5.8	4.0	6.0	6.0	6.6
SR 5000	5.4	7.4	7.3	4.3	5.3	3.7	5.2	4.7	5.8	4.3	5.8
* BRIGADE (MELODY)	4.5	6.2	4.9	3.8	5.4	5.1	4.4	4.3	5.5	5.3	4.3
* SR 3000	4.9	5.6	5.7	3.3	4.5	4.5	4.0	4.6	5.2	5.0	6.0
* PROFORMER (JMB-89)	5.4	7.4	6.0	4.8	4.6	4.1	5.4	4.5	6.3	6.3	6.4
* AURORA	4.8	6.3	4.2	3.0	4.3	4.6	5.1	4.3	5.7	5.7	5.1
* SHADOW W/ENDO. (PST-SHE)	5.0	7.3	6.9	4.5	4.8	3.7	6.0	3.5	6.0	6.0	5.8
* AURORA W/ENDO. (PST-AUE)	4.8	5.7	5.6	3.1	3.7	4.9	4.6	4.3	5.8	5.7	5.7
* RELIANT-W/ ENDOPHYTE	4.8	5.7	5.4	3.5	4.5	4.7	4.2	4.6	6.3	5.3	5.3
PST-4AG	4.6	5.6	4.9	3.2	4.2	4.9	4.8	4.3	5.0	5.3	5.8
* ATTIILA	4.7	7.0	5.1	2.9	3.1	5.0	3.9	4.2	5.0	5.3	5.8
PST-4FE	5.2	7.5	6.7	3.9	4.6	4.0	5.1	4.2	6.3	5.3	5.9
BARGREEN	5.2	7.1	6.9	3.2	4.6	3.8	3.4	4.1	5.0	6.7	6.4
* RELIANT-NO ENDOPHYTE	5.0	5.9	5.1	3.3	4.4	4.3	4.8	4.1	5.5	5.0	5.5
* BILJART	4.5	5.7	4.9	2.8	4.5	4.8	3.5	4.8	5.8	5.0	5.5
OFI 89-200	5.0	7.3	6.7	3.4	3.8	4.2	4.7	3.9	5.8	6.0	6.3
* SILVANA	4.5	5.3	5.1	3.5	4.7	4.9	3.7	4.7	5.7	5.0	5.3
BAR FO 9A2	4.8	6.3	5.2	2.3	2.9	5.2	4.4	4.2	6.2	5.0	5.3
* EUREKA	4.9	5.5	5.7	3.6	3.9	4.7	4.3	4.1	5.3	4.7	4.8
EPSOM	4.9	7.7	6.5	3.2	4.6	3.9	3.6	4.2	6.0	5.7	6.0
* SERRA	4.7	5.5	5.3	2.2	3.1	4.8	4.0	4.7	4.8	5.3	6.5
* VALDA	4.1	5.3	5.4	3.3	4.1	4.3	3.4	3.9	6.0	4.7	5.3
* SCALDIS	4.3	5.6	4.7	2.4	2.7	4.5	3.9	4.9	5.3	6.0	5.1
* BANNER	4.7	7.3	6.5	3.9	4.5	3.5	4.0	4.9	5.8	6.0	5.8
* BIGHORN	5.3	6.1	4.0	3.0	3.9	5.0	4.5	4.2	5.2	5.0	5.3
* TROPHY (ESTORIL)	4.6	6.6	6.9	3.4	4.1	3.5	3.6	4.6	6.2	6.0	5.6
* ENJOY	4.8	6.8	7.1	3.8	4.6	3.7	3.4	4.1	5.3	6.0	5.8
* WALDORF	4.6	7.0	6.7	3.4	3.9	3.9	3.1	4.3	5.7	5.7	5.8
* JAMESTOWN	4.5	6.8	6.1	3.8	4.6	3.7	3.5	4.8	5.7	6.3	5.2
* MARY	4.4	7.1	7.5	3.7	4.4	3.7	3.4	4.1	5.3	5.7	5.9
FRT-30149	3.7	6.9	6.6	3.1	3.7	3.5	3.6	4.3	5.3	6.7	5.9
PST-4R3	4.0	7.4	5.9	4.2	4.9	3.4	5.1	3.8	5.5	3.7	5.8
* DOVER (NK 82492)	4.4	7.1	6.9	3.3	4.6	3.7	2.6	4.5	5.7	6.3	6.2
PST-43F	3.8	7.5	7.3	3.1	4.2	3.3	4.5	4.8	6.2	4.3	5.8
* BARCROWN	3.2	7.0	6.5	2.7	3.9	3.1	3.7	3.7	5.5	5.0	6.5
* CINDY	3.6	7.3	6.6	3.6	4.2	3.3	4.2	4.4	5.8	5.3	5.6
PST-4C8	4.3	7.6	6.9	3.4	4.4	3.3	4.1	4.0	6.2	4.7	5.3
* SHADOW	4.7	7.2	5.5	3.5	4.4	3.1	3.7	4.3	6.2	5.0	5.3
* SCARLET	4.2	7.1	6.9	3.5	3.9	3.9	3.5	4.0	6.0	5.7	5.2
RAINBOW	4.3	6.7	6.6	3.6	4.1	3.9	3.4	4.5	5.8	5.3	6.1
* JASPER	4.1	7.1	6.9	3.4	4.4	3.5	3.6	3.9	6.0	4.0	6.3
FERNANDO (HF 112)	4.5	7.0	7.1	3.0	3.8	3.3	3.3	4.3	6.0	5.0	5.4

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
 1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
* MOLINDA	4.1	7.1	6.4	3.7	4.6	3.6	3.0	4.4	5.5	5.7	5.4
* ATLANTA	4.6	7.0	6.1	3.6	4.6	3.6	3.5	3.8	5.2	6.0	5.6
* MARKER	3.3	6.0	7.3	2.9	3.4	3.8	3.4	4.5	5.8	5.7	6.7
* BARLANDER (BAR FR 9F)	4.2	6.7	7.1	3.1	3.7	3.2	3.5	4.3	4.7	5.0	6.8
* SALEM	4.1	7.2	6.1	3.3	4.2	3.6	5.3	4.6	5.8	3.7	5.7
* WILMA	4.8	7.1	6.7	3.4	4.2	3.9	3.2	3.8	5.8	5.7	5.3
* SMIRNA (ZW 42-160)	3.7	6.8	6.9	2.8	3.6	3.7	3.5	5.2	5.7	5.0	6.3
HF 138	3.6	6.9	6.4	3.3	4.1	2.9	3.9	4.8	6.2	5.0	6.6
ERG 1143	4.5	6.3	6.4	3.2	3.9	3.8	3.6	4.8	4.3	6.7	5.7
* HERALD	3.8	7.6	6.2	3.6	4.5	3.3	3.4	4.4	6.5	4.7	5.2
* CAMARO	4.3	6.8	6.1	3.4	4.3	3.3	2.8	3.7	5.5	6.0	5.3
* BARKOL (BAR FR 9P)	3.0	7.1	7.4	2.7	3.7	3.7	3.3	4.5	5.5	5.7	6.2
* VISTA	4.2	6.8	6.3	4.0	4.9	3.3	4.7	3.9	5.3	4.3	5.6
* PUMA	4.0	7.1	6.3	3.0	3.8	3.4	2.8	4.3	5.3	5.3	5.5
* NAPOLI (LD 3488)	3.3	6.6	6.7	3.0	4.0	2.9	2.9	4.3	5.2	5.3	5.7
RAYMOND	4.3	6.5	6.4	3.4	3.8	3.4	3.0	3.8	5.0	6.3	4.9
* SHADEMASTER	3.6	6.7	6.1	3.5	4.7	3.2	4.4	4.3	5.3	5.0	5.5
* CAPITOL	4.4	7.0	5.9	3.1	3.5	3.6	3.5	4.2	5.0	6.0	5.8
* SIMONE (LD 3485)	4.5	6.9	6.6	3.0	3.5	3.4	3.1	4.3	5.3	5.3	5.8
PST-4NI	3.7	7.4	5.5	3.7	4.4	3.1	4.8	4.2	6.0	4.0	5.5
* DAWSON	3.9	7.1	6.5	3.1	3.8	3.6	3.2	3.9	5.8	5.7	5.8
* BARNICA	3.6	6.8	6.9	3.4	4.1	3.2	2.9	4.3	4.8	5.3	5.1
* KOKET	4.5	6.9	6.3	3.4	4.1	3.5	3.2	3.9	4.8	5.3	5.1
* FLYER	3.9	6.7	5.5	3.4	4.1	3.0	4.2	4.3	5.8	4.7	5.4
BARREPPPO	4.4	5.0	5.2	2.3	3.8	5.1	4.4	4.0	5.2	4.0	5.8
* MX 86	4.1	5.3	3.5	2.9	3.4	4.0	4.3	5.2	5.3	3.0	3.5
BARLOTTE	2.6	6.8	7.0	2.4	3.8	3.0	2.7	3.8	5.3	5.0	5.0
COMFORT (HF 102)	3.5	6.1	6.5	2.7	3.4	2.7	3.0	4.3	5.2	4.7	5.0
* REVERE (NK 88001)	4.2	6.3	5.9	2.7	4.2	2.6	3.9	3.9	5.5	4.3	5.1
WW RS 138	3.1	6.7	6.3	2.6	3.5	2.6	4.1	4.4	5.3	3.7	5.3
* TALUS (LD 3438)	3.8	6.0	6.0	2.4	3.4	3.1	3.3	3.8	5.2	4.7	5.4
BELVEDERE	3.6	6.3	5.0	2.9	3.6	3.2	3.5	4.8	5.0	3.7	5.2
* CLAUDIA	3.7	6.3	6.1	2.8	3.6	2.3	4.0	3.9	5.8	4.0	5.0
* COLLO (LD 3414)	3.6	6.3	5.9	3.0	4.2	2.9	3.1	4.1	5.2	3.7	5.4
* ELANOR	3.6	6.3	6.6	2.7	3.3	2.4	3.1	2.9	4.7	4.3	4.8
WW RS 130	3.0	6.7	6.3	2.6	3.8	3.1	3.0	3.5	5.7	3.7	5.0
WW RS 143	2.8	6.3	6.2	2.6	4.1	2.6	3.3	3.6	5.8	3.0	4.8
* SUNSET (ZW 42-158)	3.3	6.4	5.8	2.8	3.4	3.0	3.4	3.8	5.3	2.7	5.1
BARIM (BAR FR8RC3)	3.4	6.2	5.3	2.7	4.1	2.6	3.8	3.6	4.8	3.3	5.0
* ENSYLVA	3.5	6.0	5.1	3.3	4.4	2.7	3.1	3.8	5.3	2.7	4.4
* BOREAL	3.3	6.5	6.1	2.7	3.7	2.7	3.8	4.0	5.5	3.0	4.3
* SYLVESTER	3.1	6.0	5.9	2.5	3.6	2.7	3.0	3.4	5.2	5.0	4.7
* BARGENA	3.7	6.5	5.1	3.3	4.5	2.5	3.2	3.6	4.5	2.0	4.8
FRANKLIN	3.1	6.3	4.6	2.3	3.0	2.5	3.5	4.3	5.7	3.0	5.0
LSD VALUE	0.6	1.0	1.5	0.9	1.2	0.6	0.9	1.0	1.0	1.3	1.1

* COMMERCIALY AVAILABLE IN THE UNITED STATES IN 1991
 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 1A.
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	
WARWICK	6.8	6.6	6.4	.	.	.	.	3.1	.	6.6	6.4	5.7
SR 3100 (SRX 89-31)	6.8	6.7	7.8	5.4	4.9	6.1	5.2	3.8	4.6	7.7	7.0	5.6
PST-4HD	7.1	6.8	7.6	7.2	6.0	6.8	5.3	3.9	4.0	7.0	6.2	5.6
PST-4CD	6.0	4.1	5.4	5.2	6.5	5.7	4.5	4.4	5.1	5.5	5.8	5.5
BRIDGEPORT (N-105)	5.6	4.3	5.7	5.5	6.1	5.7	4.3	4.2	5.4	5.8	6.0	5.5
LONGFELLOW	6.0	4.2	5.5	5.0	6.1	5.8	4.5	3.7	5.3	5.6	6.2	5.5
89.LKR	5.0	4.9	5.4	5.6	6.2	6.5	4.3	3.8	.	4.3	6.3	5.4
JAMESTOWN II	5.3	4.9	5.3	4.8	5.6	5.9	4.8	3.8	4.9	5.9	5.9	5.4
SOUTHPORT	5.6	4.9	5.7	5.4	6.0	5.8	4.2	4.3	4.7	5.3	6.2	5.4
SR 5000	6.0	4.7	5.6	4.9	6.0	5.3	4.3	3.9	5.4	6.0	5.7	5.3
BRIGADE (MELODY)	6.2	6.1	6.3	5.3	4.9	7.3	5.7	3.7	4.4	6.8	6.1	5.3
SR 3000	6.2	6.2	6.4	4.4	5.4	6.9	5.8	3.5	4.6	6.9	6.8	5.3
PROFORMER (JMB-89)	4.9	4.3	5.1	5.1	5.8	5.2	4.2	3.8	5.1	5.5	5.8	5.3
AURORA	6.1	6.0	6.3	5.4	5.4	7.1	6.2	3.3	4.4	6.5	6.3	5.3
SHADOW W/ENDO. (PST-SHE)	5.2	4.6	5.1	5.0	5.9	5.4	4.3	4.5	4.3	5.5	6.2	5.2
AURORA W/ENDO. (PST-AUE)	6.3	6.3	6.6	5.8	5.0	6.5	5.2	3.8	4.0	5.3	6.3	5.2
RELIANT-W/ ENDOPHYTE	6.0	6.5	6.0	5.4	5.1	6.5	5.5	3.4	4.1	5.8	6.2	5.2
PST-4AG	5.5	6.4	6.1	5.4	5.4	6.7	5.7	3.5	4.0	6.5	6.0	5.2
ATTILA	5.6	6.4	7.0	4.4	5.1	7.0	5.0	3.7	4.2	6.1	7.3	5.2
PST-4FE	5.4	3.5	5.3	4.4	6.4	5.5	4.2	4.0	4.7	4.2	6.2	5.1
BARGREEN	4.5	5.0	4.5	5.0	6.2	6.1	5.0	4.3	5.0	3.9	6.7	5.1
RELIANT-NO ENDOPHYTE	6.6	6.1	5.5	4.6	5.2	6.3	5.7	3.4	4.2	5.5	6.4	5.1
BILJART	5.4	6.3	6.5	4.3	5.0	6.7	5.5	3.5	4.3	6.2	6.7	5.1
OFI 89-200	5.3	4.2	5.0	5.0	6.0	5.2	3.8	4.4	4.9	4.9	6.4	5.1
SILVANA	5.1	6.0	5.4	4.9	4.6	6.9	6.0	3.8	4.4	6.0	6.2	5.1
BAR FO 9A2	5.6	6.4	6.3	4.0	5.4	6.6	5.8	2.6	4.1	5.8	6.4	5.1
EUREKA	5.8	6.5	5.6	3.8	4.5	6.5	5.7	3.6	4.4	6.5	6.3	5.0
EPSOM	4.2	4.0	3.9	6.0	5.9	5.3	.	4.1	4.7	4.7	6.0	5.0
SERRA	5.1	5.9	5.3	5.0	4.7	6.7	5.8	3.2	4.4	6.8	5.9	5.0
VALDA	5.5	5.9	5.7	4.6	4.8	6.8	5.3	3.8	4.8	6.1	6.4	5.0
SCALDIS	5.7	6.1	5.7	4.9	5.1	6.9	5.0	3.3	4.0	6.4	6.1	4.9
BANNER	4.6	4.2	4.5	4.3	5.4	4.9	4.3	3.7	4.8	4.0	6.1	4.9
BIGHORN	6.0	5.9	6.2	4.2	4.8	6.2	5.5	2.8	4.3	5.8	4.4	4.9
TROPHY (ESTORIL)	4.2	4.9	4.1	4.0	6.4	6.0	4.2	4.0	4.9	3.9	5.8	4.9
ENJOY	3.7	4.0	3.6	5.0	6.2	5.8	3.7	4.6	4.3	3.8	6.7	4.8
WALDORF	4.5	4.1	4.3	4.2	5.5	5.7	4.7	3.5	4.9	4.9	5.9	4.8
JAMESTOWN	4.2	4.8	4.3	4.4	5.4	5.2	5.0	3.7	4.9	3.8	5.6	4.8
MARY	4.1	4.4	4.3	5.0	5.7	5.3	4.0	3.8	4.3	3.5	6.0	4.8
FRT-30149	4.0	3.4	2.9	5.7	6.1	6.0	4.7	3.7	5.8	3.4	6.4	4.8
PST-4R3	5.9	4.3	5.7	4.4	5.7	4.7	3.5	3.0	4.4	4.6	5.6	4.8
DOVER (NK 82492)	3.7	3.9	4.2	4.3	5.2	5.2	4.8	4.6	4.6	3.8	6.0	4.8
PST-43F	5.3	2.9	3.7	5.4	6.0	5.1	4.0	3.8	4.7	3.7	5.9	4.8
BARCROWN	3.8	3.2	3.5	6.4	6.4	7.1	4.8	3.4	5.3	3.6	6.7	4.8
CINDY	3.7	3.5	2.8	5.7	6.2	5.2	4.3	3.5	5.8	3.0	6.8	4.7
PST-4C8	4.2	3.4	3.9	5.6	6.1	5.6	4.2	2.8	4.9	3.3	5.9	4.7
SHADOW	4.8	3.9	4.1	4.8	5.6	4.9	4.8	3.9	4.6	4.1	5.8	4.7
SCARLET	3.5	3.4	4.2	5.0	5.9	5.3	4.2	3.9	4.4	3.6	6.7	4.7
RAINBOW	3.8	3.9	3.5	4.7	5.4	5.5	4.2	3.5	5.2	3.4	6.3	4.7
JASPER	3.8	3.5	4.3	5.5	5.6	5.4	4.0	3.3	5.1	3.8	6.0	4.7
FERNANDO (HF 112)	3.5	4.7	3.4	4.9	5.9	5.5	4.3	4.1	4.7	3.3	6.6	4.7

TABLE 1A.
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	
MOLINDA	5.0	3.7	3.6	5.4	5.6	5.3	4.8	3.9	4.0	2.8	5.9	4.7
ATLANTA	4.2	4.0	3.8	4.8	5.2	5.9	3.3	3.9	4.3	4.4	5.9	4.7
MARKER	3.0	2.4	2.6	6.2	6.4	6.7	4.7	2.5	5.4	3.6	6.8	4.7
BARLANDER (BAR FR 9F)	4.4	3.4	4.0	4.2	6.4	5.8	4.7	3.6	4.4	2.8	6.3	4.7
SALEM	3.7	3.5	3.5	4.8	5.5	5.3	4.2	3.2	4.9	4.2	6.0	4.6
WILMA	3.0	3.9	4.0	4.3	5.6	5.3	4.3	3.6	4.7	3.4	6.0	4.6
SMIRNA (ZW 42-160)	3.0	2.8	2.3	5.4	6.5	6.3	.	2.5	5.0	4.0	6.4	4.6
HF 138	3.6	3.2	3.5	4.2	5.9	5.6	3.8	2.6	5.6	3.4	6.5	4.6
ERG 1143	4.0	4.1	3.7	4.7	5.3	5.1	4.2	3.9	4.3	3.5	5.3	4.6
HERALD	3.8	2.9	3.4	5.3	5.7	5.1	4.3	3.2	4.9	3.7	5.9	4.6
CAMARO	4.5	4.3	3.8	5.4	5.3	5.0	4.0	4.2	4.4	3.0	5.8	4.6
BARSKOL (BAR FR 9P)	3.2	2.6	2.9	5.3	6.6	5.9	5.0	3.0	5.0	2.7	6.2	4.6
VISTA	4.0	3.7	3.0	5.7	5.1	4.8	4.3	2.7	4.6	3.7	5.9	4.6
PUMA	3.8	4.6	3.5	5.2	5.2	5.0	4.7	3.8	4.3	3.5	5.9	4.6
NAPOLI (LD 3488)	3.0	3.8	2.5	6.7	6.0	6.2	4.2	3.3	4.7	3.1	6.9	4.6
RAYMOND	4.0	4.7	3.8	3.8	5.7	5.1	3.8	4.0	4.7	3.5	6.0	4.5
SHADEMASTER	4.0	3.2	3.3	5.3	5.5	4.9	4.7	2.5	4.4	4.0	5.6	4.5
CAPITOL	3.0	3.8	3.2	4.9	5.5	5.3	4.3	3.5	5.2	3.3	5.8	4.5
SIMONE (LD 3485)	3.6	4.9	3.1	4.9	5.4	5.1	4.0	3.4	5.0	3.0	5.4	4.5
PST-4NI	4.2	3.7	3.0	4.3	5.6	5.2	3.7	3.5	4.1	3.7	6.0	4.5
DAWSON	3.1	3.1	2.3	5.1	5.8	6.3	3.0	2.6	5.0	3.3	6.4	4.5
BARNICA	3.5	3.8	3.1	4.8	5.3	5.0	4.7	3.4	4.8	3.3	5.8	4.4
KOKET	3.8	4.0	3.8	4.7	5.2	4.7	4.0	4.0	4.0	2.7	5.8	4.4
FLYER	3.8	3.3	3.3	4.0	5.5	4.8	4.0	2.8	4.3	3.2	6.0	4.4
BARREPPPO	3.9	5.8	4.6	3.2	5.0	4.2	2.7	2.1	3.4	5.1	5.7	4.3
MX 86	4.8	5.4	4.6	4.0	4.0	6.1	5.0	2.9	4.0	5.3	4.0	4.3
BARLOTTE	3.6	2.8	2.4	4.6	5.5	5.7	4.5	2.6	6.2	3.0	5.5	4.3
COMFORT (HF 102)	3.0	3.5	2.4	4.9	5.4	5.5	5.0	3.0	4.8	3.4	6.0	4.3
REVERE (NK 88001)	3.0	3.0	2.5	4.4	4.9	4.7	5.8	2.8	4.9	3.1	5.9	4.3
WW RS 138	3.5	3.8	2.8	5.0	5.1	5.1	4.2	2.7	5.0	3.1	5.6	4.3
TALUS (LD 3438)	3.5	3.3	2.6	5.2	5.2	4.9	3.7	2.5	4.3	3.7	5.9	4.2
BELVEDERE	3.7	3.2	4.1	3.3	4.7	4.7	3.5	3.4	4.8	3.4	4.7	4.1
CLAUDIA	3.0	2.8	2.8	4.3	5.1	4.2	4.2	3.1	4.4	2.9	5.1	4.1
COLLO (LD 3414)	3.8	2.9	2.4	4.4	4.8	4.9	3.7	2.5	4.1	3.0	5.4	4.0
ELANOR	3.2	3.4	3.4	3.9	4.9	4.7	3.7	2.5	4.4	2.9	6.0	4.0
WW RS 130	3.5	2.7	2.6	4.2	5.2	4.1	3.0	2.5	5.0	2.6	5.9	4.0
WW RS 143	3.5	2.8	2.6	3.4	5.2	4.8	4.0	2.7	4.6	3.0	5.9	4.0
SUNSET (ZW 42-158)	3.2	2.4	2.7	4.4	4.9	4.9	4.2	2.6	4.7	2.8	5.4	4.0
BARIM (BAR FR8RC3)	3.2	3.0	2.7	4.4	5.2	4.4	3.7	2.7	4.4	2.6	5.3	3.9
ENSYLVA	3.5	3.0	2.4	3.5	4.8	4.3	4.2	3.0	4.2	3.1	5.8	3.9
BOREAL	2.7	2.7	2.4	4.1	4.7	4.3	3.3	3.0	4.7	2.6	5.3	3.9
SYLVESTER	2.7	2.6	3.1	4.0	4.9	3.9	3.0	2.4	4.1	2.6	5.4	3.8
BARGENA	3.1	2.7	2.8	3.9	4.4	4.1	3.5	2.8	4.3	2.9	5.3	3.8
FRANKLIN	2.6	2.8	2.5	4.2	4.3	3.9	3.3	2.5	4.0	2.4	5.7	3.7
LSD VALUE	0.8	1.0	0.8	1.6	0.6	0.8	1.1	0.8	0.9	0.8	0.7	0.2

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).

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
PST-4R3	4.0	7.4	5.9	4.2	4.9	3.4	5.1	3.8	5.5	3.7	5.8
PST-43F	3.8	7.5	7.3	3.1	4.2	3.3	4.5	4.8	6.2	4.3	5.8
CINDY	3.6	7.3	6.6	3.6	4.2	3.3	4.2	4.4	5.8	5.3	5.6
PST-4C8	4.3	7.6	6.9	3.4	4.4	3.3	4.1	4.0	6.2	4.7	5.3
JASPER	4.1	7.1	6.9	3.4	4.4	3.5	3.6	3.9	6.0	4.0	6.3
SALEM	4.1	7.2	6.1	3.3	4.2	3.6	5.3	4.6	5.8	3.7	5.7
HERALD	3.8	7.6	6.2	3.6	4.5	3.3	3.4	4.4	6.5	4.7	5.2
VISTA	4.2	6.8	6.3	4.0	4.9	3.3	4.7	3.9	5.3	4.3	5.6
SHADEMASTER	3.6	6.7	6.1	3.5	4.7	3.2	4.4	4.3	5.3	5.0	5.5
PST-4NI	3.7	7.4	5.5	3.7	4.4	3.1	4.8	4.2	6.0	4.0	5.5
FLYER	3.9	6.7	5.5	3.4	4.1	3.0	4.2	4.3	5.8	4.7	5.4
REVERE (NK 88001)	4.2	6.3	5.9	2.7	4.2	2.6	3.9	3.9	5.5	4.3	5.1
WW RS 138	3.1	6.7	6.3	2.6	3.5	2.6	4.1	4.4	5.3	3.7	5.3
TALUS (LD 3438)	3.8	6.0	6.0	2.4	3.4	3.1	3.3	3.8	5.2	4.7	5.4
BELVEDERE	3.6	6.3	5.0	2.9	3.6	3.2	3.5	4.8	5.0	3.7	5.2
CLAUDIA	3.7	6.3	6.1	2.8	3.6	2.3	4.0	3.9	5.8	4.0	5.0
COLLO (LD 3414)	3.6	6.3	5.9	3.0	4.2	2.9	3.1	4.1	5.2	3.7	5.4
ELANOR	3.6	6.3	6.6	2.7	3.3	2.4	3.1	2.9	4.7	4.3	4.8
WW RS 130	3.0	6.7	6.3	2.6	3.8	3.1	3.0	3.5	5.7	3.7	5.0
WW RS 143	2.8	6.3	6.2	2.6	4.1	2.6	3.3	3.6	5.8	3.0	4.8
SUNSET (ZW 42-158)	3.3	6.4	5.8	2.8	3.4	3.0	3.4	3.8	5.3	2.7	5.1
BARIM (BAR FR8RC3)	3.4	6.2	5.3	2.7	4.1	2.6	3.8	3.6	4.8	3.3	5.0
ENSYLVA	3.5	6.0	5.1	3.3	4.4	2.7	3.1	3.8	5.3	2.7	4.4
BOREAL	3.3	6.5	6.1	2.7	3.7	2.7	3.8	4.0	5.5	3.0	4.3
SYLVESTER	3.1	6.0	5.9	2.5	3.6	2.7	3.0	3.4	5.2	5.0	4.7
BARGENA	3.7	6.5	5.1	3.3	4.5	2.5	3.2	3.6	4.5	2.0	4.8
FRANKLIN	3.1	6.3	4.6	2.3	3.0	2.5	3.5	4.3	5.7	3.0	5.0
LSD VALUE	0.7	0.9	1.5	0.8	1.0	0.6	0.8	0.9	1.0	1.4	0.8

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).

TABLE 1B.
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	
PST-4R3	5.9	4.3	5.7	4.4	5.7	4.7	3.5	3.0	4.4	4.6	5.6	4.8
PST-43F	5.3	2.9	3.7	5.4	6.0	5.1	4.0	3.8	4.7	3.7	5.9	4.8
CINDY	3.7	3.5	2.8	5.7	6.2	5.2	4.3	3.5	5.8	3.0	6.8	4.7
PST-4C8	4.2	3.4	3.9	5.6	6.1	5.6	4.2	2.8	4.9	3.3	5.9	4.7
JASPER	3.8	3.5	4.3	5.5	5.6	5.4	4.0	3.3	5.1	3.8	6.0	4.7
SALEM	3.7	3.5	3.5	4.8	5.5	5.3	4.2	3.2	4.9	4.2	6.0	4.6
HERALD	3.8	2.9	3.4	5.3	5.7	5.1	4.3	3.2	4.9	3.7	5.9	4.6
VISTA	4.0	3.7	3.0	5.7	5.1	4.8	4.3	2.7	4.6	3.7	5.9	4.6
SHADEMASTER	4.0	3.2	3.3	5.3	5.5	4.9	4.7	2.5	4.4	4.0	5.6	4.5
PST-4NI	4.2	3.7	3.0	4.3	5.6	5.2	3.7	3.5	4.1	3.7	6.0	4.5
FLYER	3.8	3.3	3.3	4.0	5.5	4.8	4.0	2.8	4.3	3.2	6.0	4.4
REVERE (NK 88001)	3.0	3.0	2.5	4.4	4.9	4.7	5.8	2.8	4.9	3.1	5.9	4.3
WW RS 138	3.5	3.8	2.8	5.0	5.1	5.1	4.2	2.7	5.0	3.1	5.6	4.3
TALUS (LD 3438)	3.5	3.3	2.6	5.2	5.2	4.9	3.7	2.5	4.3	3.7	5.9	4.2
BELVEDERE	3.7	3.2	4.1	3.3	4.7	4.7	3.5	3.4	4.8	3.4	4.7	4.1
CLAUDIA	3.0	2.8	2.8	4.3	5.1	4.2	4.2	3.1	4.4	2.9	5.1	4.1
COLLO (LD 3414)	3.8	2.9	2.4	4.4	4.8	4.9	3.7	2.5	4.1	3.0	5.4	4.0
ELANOR	3.2	3.4	3.4	3.9	4.9	4.7	3.7	2.5	4.4	2.9	6.0	4.0
WW RS 130	3.5	2.7	2.6	4.2	5.2	4.1	3.0	2.5	5.0	2.6	5.9	4.0
WW RS 143	3.5	2.8	2.6	3.4	5.2	4.8	4.0	2.7	4.6	3.0	5.9	4.0
SUNSET (ZW 42-158)	3.2	2.4	2.7	4.4	4.9	4.9	4.2	2.6	4.7	2.8	5.4	4.0
BARIM (BAR FR8RC3)	3.2	3.0	2.7	4.4	5.2	4.4	3.7	2.7	4.4	2.6	5.3	3.9
ENSYLVA	3.5	3.0	2.4	3.5	4.8	4.3	4.2	3.0	4.2	3.1	5.8	3.9
BOREAL	2.7	2.7	2.4	4.1	4.7	4.3	3.3	3.0	4.7	2.6	5.3	3.9
SYLVESTER	2.7	2.6	3.1	4.0	4.9	3.9	3.0	2.4	4.1	2.6	5.4	3.8
BARGENA	3.1	2.7	2.8	3.9	4.4	4.1	3.5	2.8	4.3	2.9	5.3	3.8
FRANKLIN	2.6	2.8	2.5	4.2	4.3	3.9	3.3	2.5	4.0	2.4	5.7	3.7
LSD VALUE	0.8	1.0	0.9	1.5	0.6	0.8	0.9	0.8	0.8	0.5	0.8	0.2

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).

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
FRT-30149	3.7	6.9	6.6	3.1	3.7	3.5	3.6	4.3	5.3	6.7	5.9
BARCROWN	3.2	7.0	6.5	2.7	3.9	3.1	3.7	3.7	5.5	5.0	6.5
MARKER	3.3	6.0	7.3	2.9	3.4	3.8	3.4	4.5	5.8	5.7	6.7
SMIRNA (ZW 42-160)	3.7	6.8	6.9	2.8	3.6	3.7	3.5	5.2	5.7	5.0	6.3
HF 138	3.6	6.9	6.4	3.3	4.1	2.9	3.9	4.8	6.2	5.0	6.6
BARSKOL (BAR FR 9P)	3.0	7.1	7.4	2.7	3.7	3.7	3.3	4.5	5.5	5.7	6.2
NAPOLI (LD 3488)	3.3	6.6	6.7	3.0	4.0	2.9	2.9	4.3	5.2	5.3	5.7
DAWSON	3.9	7.1	6.5	3.1	3.8	3.6	3.2	3.9	5.8	5.7	5.8
BARLOTTE	2.6	6.8	7.0	2.4	3.8	3.0	2.7	3.8	5.3	5.0	5.0
COMFORT (HF 102)	3.5	6.1	6.5	2.7	3.4	2.7	3.0	4.3	5.2	4.7	5.0
LSD VALUE	0.9	0.9	1.1	0.7	0.9	0.6	0.5	0.9	0.9	1.2	1.1

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
(CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	
FRT-30149	4.0	3.4	2.9	5.7	6.1	6.0	4.7	3.7	5.8	3.4	6.4	4.8
BARCROWN	3.8	3.2	3.5	6.4	6.4	7.1	4.8	3.4	5.3	3.6	6.7	4.8
MARKER	3.0	2.4	2.6	6.2	6.4	6.7	4.7	2.5	5.4	3.6	6.8	4.7
SMIRNA (ZW 42-160)	3.0	2.8	2.3	5.4	6.5	6.3	.	2.5	5.0	4.0	6.4	4.6
HF 138	3.6	3.2	3.5	4.2	5.9	5.6	3.8	2.6	5.6	3.4	6.5	4.6
BARSKOL (BAR FR 9P)	3.2	2.6	2.9	5.3	6.6	5.9	5.0	3.0	5.0	2.7	6.2	4.6
NAPOLI (LD 3488)	3.0	3.8	2.5	6.7	6.0	6.2	4.2	3.3	4.7	3.1	6.9	4.6
DAWSON	3.1	3.1	2.3	5.1	5.8	6.3	3.0	2.6	5.0	3.3	6.4	4.5
BARLOTTE	3.6	2.8	2.4	4.6	5.5	5.7	4.5	2.6	6.2	3.0	5.5	4.3
COMFORT (HF 102)	3.0	3.5	2.4	4.9	5.4	5.5	5.0	3.0	4.8	3.4	6.0	4.3
LSD VALUE	0.7	1.2	0.6	2.1	0.6	0.7	1.5	0.8	0.9	0.7	0.6	0.2

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).

TABLE 1D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
PST-4CD	5.6	7.7	7.1	3.8	4.6	3.8	6.3	4.4	6.3	6.3	6.1
BRIDGEPORT (N-105)	5.0	7.7	6.9	4.6	5.2	4.2	5.8	4.5	5.8	6.0	6.1
LONGFELLOW	5.1	7.7	6.9	4.1	5.8	4.2	5.1	4.6	6.2	6.3	6.1
89.LKR	.	7.7	.	.	.	.	5.3	4.9	.	.	5.9
JAMESTOWN II	5.3	7.8	6.3	4.6	5.1	3.9	6.0	4.9	6.5	6.3	5.9
SOUTHPORT	5.6	7.7	6.3	4.2	4.9	4.1	5.8	4.0	6.0	6.0	6.6
SR 5000	5.4	7.4	7.3	4.3	5.3	3.7	5.2	4.7	5.8	4.3	5.8
PROFORMER (JMB-89)	5.4	7.4	6.0	4.8	4.6	4.1	5.4	4.5	6.3	6.3	6.4
SHADOW W/ENDO. (PST-SHE)	5.0	7.3	6.9	4.5	4.8	3.7	6.0	3.5	6.0	6.0	5.8
PST-4FE	5.2	7.5	6.7	3.9	4.6	4.0	5.1	4.2	6.3	5.3	5.9
BARGREEN	5.2	7.1	6.9	3.2	4.6	3.8	3.4	4.1	5.0	6.7	6.4
OFI 89-200	5.0	7.3	6.7	3.4	3.8	4.2	4.7	3.9	5.8	6.0	6.3
EPSOM	4.9	7.7	6.5	3.2	4.6	3.9	3.6	4.2	6.0	5.7	6.0
BANNER	4.7	7.3	6.5	3.9	4.5	3.5	4.0	4.9	5.8	6.0	5.8
TROPHY (ESTORIL)	4.6	6.6	6.9	3.4	4.1	3.5	3.6	4.6	6.2	6.0	5.6
ENJOY	4.8	6.8	7.1	3.8	4.6	3.7	3.4	4.1	5.3	6.0	5.8
WALDORF	4.6	7.0	6.7	3.4	3.9	3.9	3.1	4.3	5.7	5.7	5.8
JAMESTOWN	4.5	6.8	6.1	3.8	4.6	3.7	3.5	4.8	5.7	6.3	5.2
MARY	4.4	7.1	7.5	3.7	4.4	3.7	3.4	4.1	5.3	5.7	5.9
DOVER (NK 82492)	4.4	7.1	6.9	3.3	4.6	3.7	2.6	4.5	5.7	6.3	6.2
SHADOW	4.7	7.2	5.5	3.5	4.4	3.1	3.7	4.3	6.2	5.0	5.3
SCARLET	4.2	7.1	6.9	3.5	3.9	3.9	3.5	4.0	6.0	5.7	5.2
RAINBOW	4.3	6.7	6.6	3.6	4.1	3.9	3.4	4.5	5.8	5.3	6.1
FERNANDO (HF 112)	4.5	7.0	7.1	3.0	3.8	3.3	3.3	4.3	6.0	5.0	5.4
MOLINDA	4.1	7.1	6.4	3.7	4.6	3.6	3.0	4.4	5.5	5.7	5.4
ATLANTA	4.6	7.0	6.1	3.6	4.6	3.6	3.5	3.8	5.2	6.0	5.6
BARLANDER (BAR FR 9F)	4.2	6.7	7.1	3.1	3.7	3.2	3.5	4.3	4.7	5.0	6.8
WILMA	4.8	7.1	6.7	3.4	4.2	3.9	3.2	3.8	5.8	5.7	5.3
ERG 1143	4.5	6.3	6.4	3.2	3.9	3.8	3.6	4.8	4.3	6.7	5.7
CAMARO	4.3	6.8	6.1	3.4	4.3	3.3	2.8	3.7	5.5	6.0	5.3
PUMA	4.0	7.1	6.3	3.0	3.8	3.4	2.8	4.3	5.3	5.3	5.5
RAYMOND	4.3	6.5	6.4	3.4	3.8	3.4	3.0	3.8	5.0	6.3	4.9
CAPITOL	4.4	7.0	5.9	3.1	3.5	3.6	3.5	4.2	5.0	6.0	5.8
SIMONE (LD 3485)	4.5	6.9	6.6	3.0	3.5	3.4	3.1	4.3	5.3	5.3	5.8
BARNICA	3.6	6.8	6.9	3.4	4.1	3.2	2.9	4.3	4.8	5.3	5.1
KOKET	4.5	6.9	6.3	3.4	4.1	3.5	3.2	3.9	4.8	5.3	5.1
LSD VALUE	0.5	0.7	1.5	0.8	1.0	0.7	0.8	1.1	0.9	1.4	0.8

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).

TABLE 1D.
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
PST-4CD	6.0	4.1	5.4	5.2	6.5	5.7	4.5	4.4	5.1	5.5	5.8	5.5
BRIDGEPORT (N-105)	5.6	4.3	5.7	5.5	6.1	5.7	4.3	4.2	5.4	5.8	6.0	5.5
LONGFELLOW	6.0	4.2	5.5	5.0	6.1	5.8	4.5	3.7	5.3	5.6	6.2	5.5
89.LKR	5.0	4.9	5.4	5.6	6.2	6.5	4.3	3.8	.	4.3	6.3	5.4
JAMESTOWN II	5.3	4.9	5.3	4.8	5.6	5.9	4.8	3.8	4.9	5.9	5.9	5.4
SOUTHPORT	5.6	4.9	5.7	5.4	6.0	5.8	4.2	4.3	4.7	5.3	6.2	5.4
SR 5000	6.0	4.7	5.6	4.9	6.0	5.3	4.3	3.9	5.4	6.0	5.7	5.3
PROFORMER (JMB-89)	4.9	4.3	5.1	5.1	5.8	5.2	4.2	3.8	5.1	5.5	5.8	5.3
SHADOW W/ENDO. (PST-SHE)	5.2	4.6	5.1	5.0	5.9	5.4	4.3	4.5	4.3	5.5	6.2	5.2
PST-4FE	5.4	3.5	5.3	4.4	6.4	5.5	4.2	4.0	4.7	4.2	6.2	5.1
BARGREEN	4.5	5.0	4.5	5.0	6.2	6.1	5.0	4.3	5.0	3.9	6.7	5.1
OFI 89-200	5.3	4.2	5.0	5.0	6.0	5.2	3.8	4.4	4.9	4.9	6.4	5.1
EPSOM	4.2	4.0	3.9	6.0	5.9	5.3	.	4.1	4.7	4.7	6.0	5.0
BANNER	4.6	4.2	4.5	4.3	5.4	4.9	4.3	3.7	4.8	4.0	6.1	4.9
TROPHY (ESTORIL)	4.2	4.9	4.1	4.0	6.4	6.0	4.2	4.0	4.9	3.9	5.8	4.9
ENJOY	3.7	4.0	3.6	5.0	6.2	5.8	3.7	4.6	4.3	3.8	6.7	4.8
WALDORF	4.5	4.1	4.3	4.2	5.5	5.7	4.7	3.5	4.9	4.9	5.9	4.8
JAMESTOWN	4.2	4.8	4.3	4.4	5.4	5.2	5.0	3.7	4.9	3.8	5.6	4.8
MARY	4.1	4.4	4.3	5.0	5.7	5.3	4.0	3.8	4.3	3.5	6.0	4.8
DOVER (NK 82492)	3.7	3.9	4.2	4.3	5.2	5.2	4.8	4.6	4.6	3.8	6.0	4.8
SHADOW	4.8	3.9	4.1	4.8	5.6	4.9	4.8	3.9	4.6	4.1	5.8	4.7
SCARLET	3.5	3.4	4.2	5.0	5.9	5.3	4.2	3.9	4.4	3.6	6.7	4.7
RAINBOW	3.8	3.9	3.5	4.7	5.4	5.5	4.2	3.5	5.2	3.4	6.3	4.7
FERNANDO (HF 112)	3.5	4.7	3.4	4.9	5.9	5.5	4.3	4.1	4.7	3.3	6.6	4.7
MOLINDA	5.0	3.7	3.6	5.4	5.6	5.3	4.8	3.9	4.0	2.8	5.9	4.7
ATLANTA	4.2	4.0	3.8	4.8	5.2	5.9	3.3	3.9	4.3	4.4	5.9	4.7
BARLANDER (BAR FR 9F)	4.4	3.4	4.0	4.2	6.4	5.8	4.7	3.6	4.4	2.8	6.3	4.7
WILMA	3.0	3.9	4.0	4.3	5.6	5.3	4.3	3.6	4.7	3.4	6.0	4.6
ERG 1143	4.0	4.1	3.7	4.7	5.3	5.1	4.2	3.9	4.3	3.5	5.3	4.6
CAMARO	4.5	4.3	3.8	5.4	5.3	5.0	4.0	4.2	4.4	3.0	5.8	4.6
PUMA	3.8	4.6	3.5	5.2	5.2	5.0	4.7	3.8	4.3	3.5	5.9	4.6
RAYMOND	4.0	4.7	3.8	3.8	5.7	5.1	3.8	4.0	4.7	3.5	6.0	4.5
CAPITOL	3.0	3.8	3.2	4.9	5.5	5.3	4.3	3.5	5.2	3.3	5.8	4.5
SIMONE (LD 3485)	3.6	4.9	3.1	4.9	5.4	5.1	4.0	3.4	5.0	3.0	5.4	4.5
BARNICA	3.5	3.8	3.1	4.8	5.3	5.0	4.7	3.4	4.8	3.3	5.8	4.4
KOKET	3.8	4.0	3.8	4.7	5.2	4.7	4.0	4.0	4.0	2.7	5.8	4.4
LSD VALUE	0.9	1.1	0.9	1.4	0.6	0.8	1.1	0.8	1.0	0.8	0.8	0.2

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).

TABLE 1E. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
WARWICK	.	6.1	.	.	.	.	5.0	4.4	.	.	.
SR 3100 (SRX 89-31)	5.5	6.6	4.6	3.9	4.6	5.1	4.5	5.0	6.2	5.7	6.1
PST-4HD	5.1	5.9	3.7	3.3	4.7	5.0	5.4	4.5	5.8	5.3	6.4
SR 3000	4.9	5.6	5.7	3.3	4.5	4.5	4.0	4.6	5.2	5.0	6.0
AURORA	4.8	6.3	4.2	3.0	4.3	4.6	5.1	4.3	5.7	5.7	5.1
AURORA W/ENDO. (PST-AUE)	4.8	5.7	5.6	3.1	3.7	4.9	4.6	4.3	5.8	5.7	5.7
RELIANT-W/ ENDOPHYTE	4.8	5.7	5.4	3.5	4.5	4.7	4.2	4.6	6.3	5.3	5.3
PST-4AG	4.6	5.6	4.9	3.2	4.2	4.9	4.8	4.3	5.0	5.3	5.8
ATTILA	4.7	7.0	5.1	2.9	3.1	5.0	3.9	4.2	5.0	5.3	5.8
RELIANT-NO ENDOPHYTE	5.0	5.9	5.1	3.3	4.4	4.3	4.8	4.1	5.5	5.0	5.5
BILJART	4.5	5.7	4.9	2.8	4.5	4.8	3.5	4.8	5.8	5.0	5.5
SILVANA	4.5	5.3	5.1	3.5	4.7	4.9	3.7	4.7	5.7	5.0	5.3
BAR FO 9A2	4.8	6.3	5.2	2.3	2.9	5.2	4.4	4.2	6.2	5.0	5.3
EUREKA	4.9	5.5	5.7	3.6	3.9	4.7	4.3	4.1	5.3	4.7	4.8
SERRA	4.7	5.5	5.3	2.2	3.1	4.8	4.0	4.7	4.8	5.3	6.5
VALDA	4.1	5.3	5.4	3.3	4.1	4.3	3.4	3.9	6.0	4.7	5.3
SCALDIS	4.3	5.6	4.7	2.4	2.7	4.5	3.9	4.9	5.3	6.0	5.1
BARREPP0	4.4	5.0	5.2	2.3	3.8	5.1	4.4	4.0	5.2	4.0	5.8
LSD VALUE	0.6	1.4	1.6	1.3	1.6	0.6	0.9	0.9	1.2	1.1	1.7

TABLE 1E. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
(CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
WARWICK	6.8	6.6	6.4	.	.	.	.	3.1	.	6.6	6.4	5.7
SR 3100 (SRX 89-31)	6.8	6.7	7.8	5.4	4.9	6.1	5.2	3.8	4.6	7.7	7.0	5.6
PST-4HD	7.1	6.8	7.6	7.2	6.0	6.8	5.3	3.9	4.0	7.0	6.2	5.6
SR 3000	6.2	6.2	6.4	4.4	5.4	6.9	5.8	3.5	4.6	6.9	6.8	5.3
AURORA	6.1	6.0	6.3	5.4	5.4	7.1	6.2	3.3	4.4	6.5	6.3	5.3
AURORA W/ENDO. (PST-AUE)	6.3	6.3	6.6	5.8	5.0	6.5	5.2	3.8	4.0	5.3	6.3	5.2
RELIANT-W/ ENDOPHYTE	6.0	6.5	6.0	5.4	5.1	6.5	5.5	3.4	4.1	5.8	6.2	5.2
PST-4AG	5.5	6.4	6.1	5.4	5.4	6.7	5.7	3.5	4.0	6.5	6.0	5.2
ATTILA	5.6	6.4	7.0	4.4	5.1	7.0	5.0	3.7	4.2	6.1	7.3	5.2
RELIANT-NO ENDOPHYTE	6.6	6.1	5.5	4.6	5.2	6.3	5.7	3.4	4.2	5.5	6.4	5.1
BILJART	5.4	6.3	6.5	4.3	5.0	6.7	5.5	3.5	4.3	6.2	6.7	5.1
SILVANA	5.1	6.0	5.4	4.9	4.6	6.9	6.0	3.8	4.4	6.0	6.2	5.1
BAR FO 9A2	5.6	6.4	6.3	4.0	5.4	6.6	5.8	2.6	4.1	5.8	6.4	5.1
EUREKA	5.8	6.5	5.6	3.8	4.5	6.5	5.7	3.6	4.4	6.5	6.3	5.0
SERRA	5.1	5.9	5.3	5.0	4.7	6.7	5.8	3.2	4.4	6.8	5.9	5.0
VALDA	5.5	5.9	5.7	4.6	4.8	6.8	5.3	3.8	4.8	6.1	6.4	5.0
SCALDIS	5.7	6.1	5.7	4.9	5.1	6.9	5.0	3.3	4.0	6.4	6.1	4.9
BARREPP0	3.9	5.8	4.6	3.2	5.0	4.2	2.7	2.1	3.4	5.1	5.7	4.3
LSD VALUE	1.0	0.7	0.7	1.7	0.8	0.6	1.1	0.7	0.9	1.2	0.6	0.2

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).

TABLE 1F. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/										
	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
BIGHORN	5.3	6.1	4.0	3.0	3.9	5.0	4.5	4.2	5.2	5	5.3
MX 86	4.1	5.3	3.5	2.9	3.4	4.0	4.3	5.2	5.3	3	3.5
LSD VALUE	0.7	1.1	1.6	1.8	2.1	0.5	1.7	1.0	1.4	0	0.8

TABLE 1F. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
(CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	
BIGHORN	6.0	5.9	6.2	4.2	4.8	6.2	5.5	2.8	4.3	5.8	4.4	4.9
MX 86	4.8	5.4	4.6	4.0	4.0	6.1	5.0	2.9	4.0	5.3	4.0	4.3
LSD VALUE	0.6	1.2	0.4	2.0	0.6	0.9	1.6	0.6	1.2	0.5	0.6	0.2

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).

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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	
WARWICK	.	.	6.0	4.8	5.8	6.1	5.4	5.4	6.1	6.1	6.1	.	5.7
PST-4HD	5.5	5.2	6.1	5.3	6.1	6.1	5.8	5.2	5.6	6.0	6.1	5.0	5.6
SR 3100 (SRX 89-31)	5.3	5.7	6.1	5.2	5.9	6.0	5.4	5.2	5.7	5.8	5.8	5.5	5.6
PST-4CD	6.2	6.7	7.0	6.0	5.6	5.3	4.9	5.0	5.6	5.6	5.3	6.3	5.5
BRIDGEPORT (N-105)	5.7	6.5	7.2	5.9	5.8	5.6	4.9	4.9	5.4	5.5	5.0	5.0	5.5
LONGFELLOW	6.3	6.2	7.0	5.9	5.7	5.6	4.9	5.0	5.1	5.2	5.1	5.3	5.5
89.LKR	6.3	7.0	7.3	5.6	5.7	5.7	5.3	5.3	5.1	5.1	4.7	6.0	5.4
JAMESTOWN II	5.3	5.8	6.4	5.5	5.6	5.4	4.8	5.3	5.4	5.4	5.0	5.3	5.4
SOUTHPORT	5.7	6.5	7.2	5.9	5.9	5.3	4.7	4.8	5.4	5.6	5.3	6.2	5.4
SR 5000	6.0	6.3	7.1	6.0	5.5	5.5	4.6	4.9	5.3	5.5	5.3	6.0	5.3
BRIGADE (MELODY)	4.5	4.7	5.9	5.2	5.6	5.5	5.4	4.9	5.3	5.3	5.0	4.5	5.3
PROFORMER (JMB-89)	5.5	6.3	6.3	5.7	5.6	5.3	4.8	4.9	5.2	5.1	4.8	5.2	5.3
SR 3000	5.0	5.2	6.1	5.0	5.6	5.7	5.1	4.8	5.2	5.3	5.2	5.0	5.3
AURORA	5.3	4.7	5.7	4.8	5.6	5.5	5.2	4.9	5.2	5.5	5.1	5.0	5.3
SHADOW W/ENDO. (PST-SHE)	5.8	6.0	7.0	5.7	5.4	5.4	4.8	4.6	5.2	5.4	4.9	5.7	5.2
AURORA W/ENDO. (PST-AUE)	4.7	4.7	5.9	5.1	5.6	5.4	5.1	4.7	5.2	5.3	5.1	4.7	5.2
RELIANT-W/ ENDOPHYTE	5.0	4.7	5.8	4.8	5.5	5.3	5.0	4.8	5.4	5.4	5.1	5.0	5.2
PST-4AG	5.7	5.3	5.9	4.9	5.4	5.5	5.1	4.8	5.1	5.2	5.1	4.5	5.2
ATTILA	4.8	4.8	5.9	5.0	5.5	5.4	5.0	4.6	5.2	5.1	4.8	4.7	5.2
PST-4FE	7.2	6.5	6.8	5.9	5.5	5.2	4.6	4.5	4.8	4.8	4.6	5.8	5.1
BARGREEN	6.7	6.5	6.2	5.9	5.8	5.2	4.3	4.2	4.6	4.6	4.2	5.8	5.1
RELIANT-NO ENDOPHYTE	5.0	4.8	5.8	5.2	5.5	5.4	4.9	4.5	5.0	5.3	5.0	5.0	5.1
BLIJART	4.8	4.8	5.4	4.8	5.3	5.1	5.0	4.5	5.1	5.2	5.1	4.7	5.1
OFI 89-200	5.7	6.2	7.3	5.9	5.9	5.3	4.3	4.3	4.7	4.7	4.4	5.5	5.1
SILVANA	4.8	4.7	5.1	5.1	5.7	5.2	4.7	4.5	4.9	4.8	4.6	4.3	5.1
BAR FO 9A2	5.3	5.3	5.7	5.0	5.5	5.3	5.2	4.7	4.8	4.8	4.4	4.8	5.1
EUREKA	4.7	4.8	6.0	4.8	5.2	5.4	4.9	4.5	5.0	5.0	5.0	4.3	5.0
SERRA	5.7	5.2	5.9	5.0	5.1	5.1	4.7	4.7	4.6	5.0	4.8	4.7	5.0
EPSOM	5.3	5.7	6.0	6.0	5.8	5.4	4.3	4.1	4.4	4.1	4.0	5.0	5.0
VALDA	4.8	4.7	5.6	4.8	5.6	5.3	4.6	4.2	4.8	4.9	4.7	3.8	5.0
SCALDIS	4.7	4.5	5.6	4.8	5.3	4.9	4.6	4.5	4.9	4.9	5.0	4.7	4.9
BANNER	5.2	5.8	6.3	5.8	5.3	4.8	4.0	4.1	4.5	4.6	4.3	4.8	4.9
BIGHORN	5.5	5.0	5.6	4.9	5.2	5.2	4.9	4.5	4.7	4.8	4.7	4.8	4.9
TROPHY (ESTORIL)	6.3	6.5	6.6	6.0	5.9	5.1	3.9	3.8	4.1	4.1	3.7	5.3	4.9
WALDORF	6.0	6.2	6.2	5.8	5.6	5.1	4.1	3.8	4.2	4.4	3.7	4.5	4.8
JAMESTOWN	4.8	5.3	5.8	5.6	5.1	4.9	4.0	4.2	4.4	4.3	4.0	5.3	4.8
ENJOY	6.7	6.5	6.4	5.6	5.6	5.1	4.0	3.9	4.4	4.0	3.8	5.2	4.8
MARY	5.8	6.2	6.7	5.8	5.8	4.9	4.0	3.9	4.3	4.0	3.7	4.3	4.8
FRT-30149	4.7	5.3	5.4	5.5	5.5	5.0	4.0	3.9	4.2	3.9	3.6	4.7	4.8
PST-4R3	5.8	5.7	6.0	5.7	4.9	4.7	4.3	4.1	5.1	5.1	4.7	4.3	4.8
DOVER (NK 82492)	5.0	5.5	5.0	5.4	5.6	4.8	4.0	3.9	4.1	4.2	3.9	4.5	4.8
PST-43F	5.3	6.2	6.0	5.8	5.2	4.7	4.1	3.8	4.4	4.4	4.5	4.5	4.8
CINDY	5.5	6.0	5.7	5.2	4.8	4.6	4.2	4.0	4.5	4.1	3.8	4.5	4.7
BARCROWN	5.5	4.8	5.2	4.9	6.0	5.5	4.2	3.7	4.1	3.7	3.1	4.7	4.7
PST-4C8	6.7	6.8	6.2	5.7	5.3	4.9	4.1	3.7	4.2	4.2	3.9	4.3	4.7
SHADOW	5.2	6.0	7.0	5.7	5.1	4.7	4.1	3.8	4.2	4.5	4.1	5.3	4.7
JASPER	5.5	6.0	6.1	6.0	5.4	5.0	4.0	3.7	4.1	4.0	3.6	4.2	4.7
RAINBOW	6.0	5.8	6.8	5.7	5.8	4.8	3.8	3.8	4.0	3.6	3.2	4.7	4.7
FERNANDO (HF 112)	6.5	6.2	6.7	5.2	5.5	5.0	4.1	3.6	4.3	4.0	3.4	5.0	4.7
MOLINDA	5.3	5.5	6.3	5.7	5.1	4.5	4.0	3.9	4.2	4.2	3.9	5.0	4.7

TABLE 2A.
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF; MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ATLANTA	6.0	6.5	6.6	5.6	5.4	4.7	4.0	3.9	4.2	4.1	3.8	4.3	4.7
SCARLET	5.8	6.7	6.7	5.7	5.5	4.8	3.9	3.7	4.1	3.8	3.4	4.5	4.7
MARKER	5.7	5.5	5.0	5.1	5.7	5.2	3.9	3.7	3.8	3.3	2.7	4.3	4.7
SALEM	5.5	5.8	6.0	5.5	4.8	4.6	4.1	3.8	4.5	4.4	4.0	4.2	4.6
WILMA	5.7	6.3	6.0	5.5	5.1	4.5	3.9	3.8	4.2	4.0	3.5	5.0	4.6
SMIRNA (ZW 42-160)	6.2	6.0	5.7	4.9	5.6	5.2	3.9	3.6	3.8	3.4	3.3	5.0	4.6
BARLANDER (BAR FR 9F)	6.2	6.3	6.2	5.2	5.5	4.8	4.0	3.7	3.8	4.1	3.6	5.0	4.6
ERG 1143	5.2	5.3	6.2	5.2	5.5	4.9	3.8	3.9	4.1	3.8	3.7	4.3	4.6
HERALD	5.0	6.0	6.0	5.2	4.8	4.5	4.1	4.0	4.1	4.0	3.6	4.3	4.6
CAMARO	5.7	5.7	6.2	5.6	4.9	4.3	3.8	3.8	4.3	4.2	4.0	4.5	4.6
BARSKOL (BAR FR 9P)	5.3	5.5	4.9	4.8	5.5	5.0	4.0	3.5	3.8	3.6	2.9	4.5	4.6
HF 138	5.7	5.0	5.4	5.1	5.0	4.6	4.0	3.7	4.0	4.0	3.6	4.7	4.6
VISTA	5.3	6.0	5.9	5.6	5.0	4.5	3.8	3.8	4.3	4.1	3.7	4.0	4.6
SHADEMASTER	4.7	5.5	5.7	5.3	4.8	4.3	3.9	4.0	4.3	4.2	3.9	4.2	4.6
PUMA	5.0	5.5	5.6	5.2	5.0	4.5	3.7	3.7	4.3	4.1	3.9	4.3	4.6
NAPOLI (LD 3488)	5.3	5.5	5.0	5.1	5.4	4.9	3.9	3.4	4.1	3.6	3.4	4.0	4.6
RAYMOND	5.5	5.8	6.0	5.7	5.4	4.8	3.6	3.5	3.9	3.9	3.6	5.0	4.5
CAPITOL	5.5	5.5	6.3	5.7	5.3	4.5	3.6	3.5	3.8	3.9	3.4	4.7	4.5
SIMONE (LD 3485)	5.5	5.7	6.1	5.9	5.2	4.7	3.5	3.5	3.9	3.8	3.5	4.8	4.5
PST-4NI	4.5	5.2	5.6	5.3	5.1	4.5	3.8	3.7	4.3	4.2	3.9	4.7	4.5
DAWSON	6.0	5.8	5.6	4.9	5.1	4.6	3.8	3.5	4.0	3.5	3.1	4.5	4.5
BARNICA	5.3	5.5	5.2	5.4	4.7	4.3	3.6	3.6	4.0	4.0	3.6	4.8	4.4
KOKET	5.5	5.8	6.3	5.5	4.7	4.5	3.6	3.6	4.0	4.1	3.6	4.5	4.4
FLYER	5.2	5.8	6.0	5.1	5.0	4.3	3.7	3.4	3.8	3.9	3.5	4.5	4.4
BARREPPPO	5.8	5.7	6.1	4.5	4.8	4.3	4.4	3.9	4.2	3.9	3.7	4.0	4.3
MX 86	4.5	4.2	4.9	3.9	4.5	4.4	4.3	4.1	4.5	4.4	4.3	3.8	4.3
COMFORT (HF 102)	5.8	5.5	4.9	4.8	4.7	4.5	3.6	3.3	3.8	3.5	3.0	4.5	4.3
REVERE (NK 88001)	4.8	5.7	5.1	4.5	4.8	4.2	3.7	3.3	3.7	3.9	3.3	4.2	4.3
WW RS 138	5.0	4.8	5.2	4.8	4.6	4.3	3.5	3.4	3.9	3.9	3.6	4.0	4.3
BARLOTTE	4.7	4.3	4.6	4.6	4.7	4.4	3.6	3.3	3.8	3.4	2.7	4.2	4.2
TALUS (LD 3438)	4.7	5.0	5.0	4.8	5.1	4.3	3.6	3.3	3.7	3.3	3.1	4.5	4.2
BELVEDERE	4.7	4.8	5.1	4.8	4.4	4.1	3.4	3.6	3.8	3.8	3.7	4.0	4.1
CLAUDIA	5.0	5.5	5.4	4.7	4.1	3.7	3.3	3.3	4.0	4.0	3.6	4.0	4.1
COLLO (LD 3414)	4.2	4.3	4.7	4.5	4.7	4.3	3.6	3.3	3.6	3.5	3.0	4.0	4.0
ELANOR	4.8	5.3	5.1	4.5	4.4	3.9	3.5	3.0	3.9	3.4	3.0	4.2	4.0
WW RS 130	4.3	4.7	4.8	4.5	4.3	3.8	3.5	3.3	3.7	3.5	3.0	4.2	4.0
WW RS 143	4.0	4.5	4.4	4.6	4.2	3.8	3.5	3.1	3.7	3.9	3.1	4.2	4.0
SUNSET (ZW 42-158)	4.5	5.0	5.6	4.6	4.2	3.8	3.4	3.2	3.7	3.6	3.0	3.8	4.0
BARIM (BAR FR8RC3)	4.7	4.7	5.4	4.5	4.4	3.9	3.3	3.3	3.8	3.4	3.0	4.0	3.9
ENSYLVA	4.5	5.0	5.1	4.5	3.8	3.4	3.3	3.3	3.8	4.0	3.4	4.0	3.9
BOREAL	4.5	4.8	5.2	4.9	4.4	3.8	3.1	3.0	3.7	3.4	2.8	3.7	3.9
SYLVESTER	4.2	4.3	5.0	4.3	4.0	3.6	3.3	3.1	3.6	3.4	3.0	3.8	3.8
BARGENA	5.0	5.0	5.2	4.6	4.0	3.5	3.2	3.1	3.7	3.8	3.2	3.8	3.8
FRANKLIN	4.0	3.8	4.7	4.0	4.0	3.5	3.3	3.0	3.5	3.4	2.8	3.7	3.7
LSD VALUE	1.4	1.3	0.9	0.7	0.6	0.6	0.7	0.7	0.8	0.8	0.8	1.2	0.4

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).

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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
PST-4R3	5.8	5.7	6.0	5.7	4.9	4.7	4.3	4.1	5.1	5.1	4.7	4.3	4.8
PST-43F	5.3	6.2	6.0	5.8	5.2	4.7	4.1	3.8	4.4	4.4	4.5	4.5	4.8
CINDY	5.5	6.0	5.7	5.2	4.8	4.6	4.2	4.0	4.5	4.1	3.8	4.5	4.7
PST-4C8	6.7	6.8	6.2	5.7	5.3	4.9	4.1	3.7	4.2	4.2	3.9	4.3	4.7
JASPER	5.5	6.0	6.1	6.0	5.4	5.0	4.0	3.7	4.1	4.0	3.6	4.2	4.7
SALEM	5.5	5.8	6.0	5.5	4.8	4.6	4.1	3.8	4.5	4.4	4.0	4.2	4.6
HERALD	5.0	6.0	6.0	5.2	4.8	4.5	4.1	4.0	4.1	4.0	3.6	4.3	4.6
VISTA	5.3	6.0	5.9	5.6	5.0	4.5	3.8	3.8	4.3	4.1	3.7	4.0	4.6
SHADEMASTER	4.7	5.5	5.7	5.3	4.8	4.3	3.9	4.0	4.3	4.2	3.9	4.2	4.6
PST-4NI	4.5	5.2	5.6	5.3	5.1	4.5	3.8	3.7	4.3	4.2	3.9	4.7	4.5
FLYER	5.2	5.8	6.0	5.1	5.0	4.3	3.7	3.4	3.8	3.9	3.5	4.5	4.4
REVERE (NK 88001)	4.8	5.7	5.1	4.5	4.8	4.2	3.7	3.3	3.7	3.9	3.3	4.2	4.3
WW RS 138	5.0	4.8	5.2	4.8	4.6	4.3	3.5	3.4	3.9	3.9	3.6	4.0	4.3
TALUS (LD 3438)	4.7	5.0	5.0	4.8	5.1	4.3	3.6	3.3	3.7	3.3	3.1	4.5	4.2
BELVEDERE	4.7	4.8	5.1	4.8	4.4	4.1	3.4	3.6	3.8	3.8	3.7	4.0	4.1
CLAUDIA	5.0	5.5	5.4	4.7	4.1	3.7	3.3	3.3	4.0	4.0	3.6	4.0	4.1
COLLO (LD 3414)	4.2	4.3	4.7	4.5	4.7	4.3	3.6	3.3	3.6	3.5	3.0	4.0	4.0
ELANOR	4.8	5.3	5.1	4.5	4.4	3.9	3.5	3.0	3.9	3.4	3.0	4.2	4.0
WW RS 130	4.3	4.7	4.8	4.5	4.3	3.8	3.5	3.3	3.7	3.5	3.0	4.2	4.0
WW RS 143	4.0	4.5	4.4	4.6	4.2	3.8	3.5	3.1	3.7	3.9	3.1	4.2	4.0
SUNSET (ZW 42-158)	4.5	5.0	5.6	4.6	4.2	3.8	3.4	3.2	3.7	3.6	3.0	3.8	4.0
BARIM (BAR FR8RC3)	4.7	4.7	5.4	4.5	4.4	3.9	3.3	3.3	3.8	3.4	3.0	4.0	3.9
ENSYLVA	4.5	5.0	5.1	4.5	3.8	3.4	3.3	3.3	3.8	4.0	3.4	4.0	3.9
BOREAL	4.5	4.8	5.2	4.9	4.4	3.8	3.1	3.0	3.7	3.4	2.8	3.7	3.9
SYLVESTER	4.2	4.3	5.0	4.3	4.0	3.6	3.3	3.1	3.6	3.4	3.0	3.8	3.8
BARGENA	5.0	5.0	5.2	4.6	4.0	3.5	3.2	3.1	3.7	3.8	3.2	3.8	3.8
FRANKLIN	4.0	3.8	4.7	4.0	4.0	3.5	3.3	3.0	3.5	3.4	2.8	3.7	3.7
LSD VALUE	1.3	1.2	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.7	1.2	0.4

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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
FRT-30149	4.7	5.3	5.4	5.5	5.5	5.0	4.0	3.9	4.2	3.9	3.6	4.7	4.8
BARCROWN	5.5	4.8	5.2	4.9	6.0	5.5	4.2	3.7	4.1	3.7	3.1	4.7	4.7
MARKER	5.7	5.5	5.0	5.1	5.7	5.2	3.9	3.7	3.8	3.3	2.7	4.3	4.7
SMIRNA (ZW 42-160)	6.2	6.0	5.7	4.9	5.6	5.2	3.9	3.6	3.8	3.4	3.3	5.0	4.6
BARSKOL (BAR FR 9P)	5.3	5.5	4.9	4.8	5.5	5.0	4.0	3.5	3.8	3.6	2.9	4.5	4.6
HF 138	5.7	5.0	5.4	5.1	5.0	4.6	4.0	3.7	4.0	4.0	3.6	4.7	4.6
NAPOLI (LD 3488)	5.3	5.5	5.0	5.1	5.4	4.9	3.9	3.4	4.1	3.6	3.4	4.0	4.6
DAWSON	6.0	5.8	5.6	4.9	5.1	4.6	3.8	3.5	4.0	3.5	3.1	4.5	4.5
COMFORT (HF 102)	5.8	5.5	4.9	4.8	4.7	4.5	3.6	3.3	3.8	3.5	3.0	4.5	4.3
BARLOTTE	4.7	4.3	4.6	4.6	4.7	4.4	3.6	3.3	3.8	3.4	2.7	4.2	4.2
LSD VALUE	2.2	2.1	1.2	0.7	0.6	0.7	0.7	0.8	1.0	1.0	0.9	2.1	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 2D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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	
PST-4CD	6.2	6.7	7.0	6.0	5.6	5.3	4.9	5.0	5.6	5.6	5.3	6.3	5.5
BRIDGEPORT (N-105)	5.7	6.5	7.2	5.9	5.8	5.6	4.9	4.9	5.4	5.5	5.0	5.0	5.5
LONGFELLOW	6.3	6.2	7.0	5.9	5.7	5.6	4.9	5.0	5.1	5.2	5.1	5.3	5.5
89.LKR	6.3	7.0	7.3	5.6	5.7	5.7	5.3	5.3	5.1	5.1	4.7	6.0	5.4
JAMESTOWN II	5.3	5.8	6.4	5.5	5.6	5.4	4.8	5.3	5.4	5.4	5.0	5.3	5.4
SOUTHPORT	5.7	6.5	7.2	5.9	5.9	5.3	4.7	4.8	5.4	5.6	5.3	6.2	5.4
SR 5000	6.0	6.3	7.1	6.0	5.5	5.5	4.6	4.9	5.3	5.5	5.3	6.0	5.3
PROFORMER (JMB-89)	5.5	6.3	6.3	5.7	5.6	5.3	4.8	4.9	5.2	5.1	4.8	5.2	5.3
SHADOW W/ENDO. (PST-SHE)	5.8	6.0	7.0	5.7	5.4	5.4	4.8	4.6	5.2	5.4	4.9	5.7	5.2
PST-4FE	7.2	6.5	6.8	5.9	5.5	5.2	4.6	4.5	4.8	4.8	4.6	5.8	5.1
BARGREEN	6.7	6.5	6.2	5.9	5.8	5.2	4.3	4.2	4.6	4.6	4.2	5.8	5.1
OFT 89-200	5.7	6.2	7.3	5.9	5.9	5.3	4.3	4.3	4.7	4.7	4.4	5.5	5.1
EPSOM	5.3	5.7	6.0	6.0	5.8	5.4	4.3	4.1	4.4	4.1	4.0	5.0	5.0
BANNER	5.2	5.8	6.3	5.8	5.3	4.8	4.0	4.1	4.5	4.6	4.3	4.8	4.9
TROPHY (ESTORIL)	6.3	6.5	6.6	6.0	5.9	5.1	3.9	3.8	4.1	4.1	3.7	5.3	4.9
WALDORF	6.0	6.2	6.2	5.8	5.6	5.1	4.1	3.8	4.2	4.4	3.7	4.5	4.8
JAMESTOWN	4.8	5.3	5.8	5.6	5.1	4.9	4.0	4.2	4.4	4.3	4.0	5.3	4.8
ENJOY	6.7	6.5	6.4	5.6	5.6	5.1	4.0	3.9	4.4	4.0	3.8	5.2	4.8
MARY	5.8	6.2	6.7	5.8	5.8	4.9	4.0	3.9	4.3	4.0	3.7	4.3	4.8
DOVER (NK 82492)	5.0	5.5	5.0	5.4	5.6	4.8	4.0	3.9	4.1	4.2	3.9	4.5	4.8
SHADOW	5.2	6.0	7.0	5.7	5.1	4.7	4.1	3.8	4.2	4.5	4.1	5.3	4.7
RAINBOW	6.0	5.8	6.8	5.7	5.8	4.8	3.8	3.8	4.0	3.6	3.2	4.7	4.7
FERNANDO (HF 112)	6.5	6.2	6.7	5.2	5.5	5.0	4.1	3.6	4.3	4.0	3.4	5.0	4.7
MOLINDA	5.3	5.5	6.3	5.7	5.1	4.5	4.0	3.9	4.2	4.2	3.9	5.0	4.7
ATLANTA	6.0	6.5	6.6	5.6	5.4	4.7	4.0	3.9	4.2	4.1	3.8	4.3	4.7
SCARLET	5.8	6.7	6.7	5.7	5.5	4.8	3.9	3.7	4.1	3.8	3.4	4.5	4.7
WILMA	5.7	6.3	6.0	5.5	5.1	4.5	3.9	3.8	4.2	4.0	3.5	5.0	4.6
BARLANDER (BAR FR 9F)	6.2	6.3	6.2	5.2	5.5	4.8	4.0	3.7	3.8	4.1	3.6	5.0	4.6
ERG 1143	5.2	5.3	6.2	5.2	5.5	4.9	3.8	3.9	4.1	3.8	3.7	4.3	4.6
CAMARO	5.7	5.7	6.2	5.6	4.9	4.3	3.8	3.8	4.3	4.2	4.0	4.5	4.6
PUMA	5.0	5.5	5.6	5.2	5.0	4.5	3.7	3.7	4.3	4.1	3.9	4.3	4.6
RAYMOND	5.5	5.8	6.0	5.7	5.4	4.8	3.6	3.5	3.9	3.9	3.6	5.0	4.5
CAPITOL	5.5	5.5	6.3	5.7	5.3	4.5	3.6	3.5	3.8	3.9	3.4	4.7	4.5
SIMONE (LD 3485)	5.5	5.7	6.1	5.9	5.2	4.7	3.5	3.5	3.9	3.8	3.5	4.8	4.5
BARNICA	5.3	5.5	5.2	5.4	4.7	4.3	3.6	3.6	4.0	4.0	3.6	4.8	4.4
KOKET	5.5	5.8	6.3	5.5	4.7	4.5	3.6	3.6	4.0	4.1	3.6	4.5	4.4
LSD VALUE	1.2	1.1	0.8	0.7	0.5	0.6	0.6	0.7	0.8	0.8	0.8	1.0	0.4

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).

TABLE 2E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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	
WARWICK	.	.	6.0	4.8	5.8	6.1	5.4	5.4	6.1	6.1	6.1	.	5.7
PST-4HD	5.5	5.2	6.1	5.3	6.1	6.1	5.8	5.2	5.6	6.0	6.1	5.0	5.6
SR 3100 (SRX 89-31)	5.3	5.7	6.1	5.2	5.9	6.0	5.4	5.2	5.7	5.8	5.8	5.5	5.6
SR 3000	5.0	5.2	6.1	5.0	5.6	5.7	5.1	4.8	5.2	5.3	5.2	5.0	5.3
AURORA	5.3	4.7	5.7	4.8	5.6	5.5	5.2	4.9	5.2	5.5	5.1	5.0	5.3
AURORA W/ENDO. (PST-AUE)	4.7	4.7	5.9	5.1	5.6	5.4	5.1	4.7	5.2	5.3	5.1	4.7	5.2
RELIANT-W/ ENDOPHYTE	5.0	4.7	5.8	4.8	5.5	5.3	5.0	4.8	5.4	5.4	5.1	5.0	5.2
PST-4AG	5.7	5.3	5.9	4.9	5.4	5.5	5.1	4.8	5.1	5.2	5.1	4.5	5.2
ATILLA	4.8	4.8	5.9	5.0	5.5	5.4	5.0	4.6	5.2	5.1	4.8	4.7	5.2
RELIANT-NO ENDOPHYTE	5.0	4.8	5.8	5.2	5.5	5.4	4.9	4.5	5.0	5.3	5.0	5.0	5.1
BILJART	4.8	4.8	5.4	4.8	5.3	5.1	5.0	4.5	5.1	5.2	5.1	4.7	5.1
SILVANA	4.8	4.7	5.1	5.1	5.7	5.2	4.7	4.5	4.9	4.8	4.6	4.3	5.1
BAR FO 9A2	5.3	5.3	5.7	5.0	5.5	5.3	5.2	4.7	4.8	4.8	4.4	4.8	5.1
EUREKA	4.7	4.8	6.0	4.8	5.2	5.4	4.9	4.5	5.0	5.0	5.0	4.3	5.0
SERRA	5.7	5.2	5.9	5.0	5.1	5.1	4.7	4.7	4.6	5.0	4.8	4.7	5.0
VALDA	4.8	4.7	5.6	4.8	5.6	5.3	4.6	4.2	4.8	4.9	4.7	3.8	5.0
SCALDIS	4.7	4.5	5.6	4.8	5.3	4.9	4.6	4.5	4.9	4.9	5.0	4.7	4.9
BARREPO	5.8	5.7	6.1	4.5	4.8	4.3	4.4	3.9	4.2	3.9	3.7	4.0	4.3
LSD VALUE	1.2	0.9	0.8	0.8	0.6	0.6	0.7	0.7	0.7	0.8	0.9	0.9	0.4

TABLE 2F.

MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 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	
BIGHORN	5.5	5.0	5.6	4.9	5.2	5.2	4.9	4.5	4.7	4.8	4.7	4.8	4.9
MX 86	4.5	4.2	4.9	3.9	4.5	4.4	4.3	4.1	4.5	4.4	4.3	3.8	4.3
LSD VALUE	1.1	0.9	0.7	0.7	0.7	0.5	0.6	0.5	0.6	0.6	0.9	0.9	0.4

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).

TABLE 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
WARWICK	.	74.5	.	.	.	.	15.0	31.5	.	.	.
SR 3100 (SRX 89-31)	3.0	57.0	88.0	10.0	14.5	2.0	23.0	3.0	10.5	27.5	17.0
PST-4HD	11.0	82.0	91.0	48.5	12.0	6.0	7.0	25.0	30.5	40.5	8.0
PST-4CD	1.0	2.5	8.5	13.5	14.5	34.5	1.0	31.5	4.5	7.0	17.0
BRIDGEPORT (N-105)	12.5	5.5	12.5	3.0	4.0	21.0	5.0	25.0	30.5	16.0	17.0
LONGFELLOW	10.0	5.5	12.5	8.0	1.0	21.0	12.5	19.0	10.5	7.0	17.0
89.LKR	.	5.5	.	.	.	.	8.5	5.5	.	.	24.0
JAMESTOWN II	6.0	1.0	47.0	2.0	5.0	30.0	3.0	5.5	1.5	7.0	24.0
SOUTHPORT	2.0	2.5	45.0	6.5	8.0	24.0	4.0	67.0	18.5	16.0	3.5
SR 5000	4.0	13.5	4.5	5.0	3.0	38.0	10.0	15.0	30.5	72.0	35.5
BRIGADE (MELODY)	35.0	72.5	84.5	13.5	2.0	3.5	26.0	40.0	51.0	40.5	91.5
SR 3000	17.5	87.0	65.5	44.0	26.5	17.0	38.5	19.0	74.0	55.0	20.5
PROFORMER (JMB-89)	5.0	13.5	57.5	1.0	17.5	23.0	6.0	25.0	4.5	7.0	8.0
AURORA	21.0	68.0	89.0	63.0	37.5	15.0	12.5	48.5	42.5	27.5	74.5
SHADOW W/ENDO. (PST-SHE)	14.5	17.5	18.0	4.0	9.0	42.0	2.0	91.5	18.5	16.0	35.5
AURORA W/ENDO. (PST-AJE)	22.5	84.0	67.0	57.0	73.0	8.5	21.0	40.0	30.5	27.5	41.5
RELIANT-W/ ENDOPHYTE	20.0	84.0	72.0	27.0	26.5	13.5	31.5	19.0	4.5	40.5	65.0
PST-4AG	32.0	87.0	83.0	51.0	43.0	8.5	16.5	40.0	81.5	40.5	35.5
ATTLA	27.5	34.5	80.0	69.0	89.0	6.0	40.0	55.0	81.5	40.5	35.5
PST-4FE	8.0	10.5	22.0	11.0	14.5	25.5	12.5	55.0	4.5	40.5	24.0
BARGREEN	9.0	23.0	18.0	50.0	19.0	34.5	64.0	61.5	81.5	2.0	8.0
RELIANT-NO ENDOPHYTE	14.5	81.0	80.0	44.0	33.5	18.5	16.5	61.5	51.0	55.0	50.0
BILJART	33.0	84.0	84.5	71.5	26.5	11.0	58.0	9.0	30.5	55.0	50.0
OFI 89-200	12.5	17.5	25.0	32.5	63.0	21.0	19.5	73.5	30.5	16.0	11.5
SILVANA	38.5	92.5	78.0	27.0	11.0	10.0	47.0	15.0	42.5	55.0	65.0
BAR FO 9A2	19.0	64.0	75.0	89.5	91.0	1.0	26.0	55.0	10.5	55.0	60.0
EUREKA	17.5	89.5	65.5	23.5	60.5	13.5	30.0	61.5	62.5	66.0	87.0
EPSOM	16.0	5.5	33.5	52.5	14.5	27.5	51.0	55.0	18.5	27.5	20.5
SERRA	25.0	89.5	73.5	92.0	88.0	12.0	36.0	15.0	86.5	40.5	5.5
VALDA	54.0	91.0	71.0	41.0	48.5	18.5	68.0	73.5	18.5	66.0	65.0
SCALDIS	47.0	87.0	86.0	88.0	92.0	16.0	42.0	5.5	62.5	16.0	74.5
BANNER	26.0	17.5	33.5	12.0	26.5	52.5	38.5	5.5	30.5	16.0	29.0
BIGHORN	7.0	74.5	90.0	63.0	60.5	6.0	22.0	55.0	74.0	55.0	65.0
TROPHY (ESTORIL)	30.0	55.5	18.0	38.0	48.5	50.0	51.0	19.0	10.5	16.0	45.5
ENJOY	24.0	45.5	8.5	15.5	21.0	42.0	68.0	61.5	62.5	16.0	35.5
WALDORF	29.0	34.5	23.0	32.5	57.5	27.5	82.5	48.5	42.5	27.5	29.0
JAMESTOWN	37.0	45.5	52.5	15.5	23.0	38.0	55.0	12.0	42.5	7.0	69.5
MARY	42.0	29.0	1.0	17.5	31.5	38.0	64.0	61.5	62.5	27.5	24.0
FRT-30149	69.5	39.0	28.5	55.0	71.0	52.5	51.0	40.0	62.5	2.0	24.0
PST-4R3	59.5	13.5	62.5	6.5	6.5	56.5	12.5	80.5	51.0	81.5	35.5
DOVER (NK 82492)	43.0	23.0	18.0	48.5	21.0	42.0	94.0	25.0	42.5	7.0	13.5
PST-43F	64.0	10.5	4.5	57.0	43.0	62.0	24.0	9.0	10.5	72.0	29.0
BARCROWN	85.0	34.5	36.0	79.0	56.0	73.5	47.0	86.5	51.0	55.0	5.5
CINDY	73.0	17.5	31.0	23.5	40.0	62.0	33.0	31.5	30.5	40.5	45.5
PST-4C8	45.5	9.0	12.5	36.5	35.5	62.0	34.5	67.0	10.5	66.0	60.0
SHADOW	27.5	20.5	68.0	27.0	30.0	70.5	47.0	48.5	10.5	55.0	65.0
SCARLET	52.5	23.0	18.0	27.0	57.5	30.0	55.0	67.0	18.5	27.5	69.5
RAINBOW	48.0	52.5	28.5	20.5	46.0	30.0	68.0	25.0	30.5	40.5	17.0
JASPER	57.0	29.0	12.5	32.5	31.5	51.0	51.0	73.5	18.5	76.5	10.0
FERNANDO (HF 112)	35.0	34.5	6.5	63.0	63.0	59.0	73.0	48.5	18.5	55.0	55.0

TABLE 3A.
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
MOLINDA	55.5	25.5	38.0	19.0	21.0	47.0	85.5	31.5	51.0	27.5	55.0
ATLANTA	31.0	34.5	52.5	20.5	17.5	47.0	58.0	80.5	74.0	16.0	45.5
MARKER	84.0	78.5	3.0	67.0	84.5	34.5	68.0	25.0	30.5	27.5	2.0
BARLANDER (BAR FR 9F)	50.5	52.5	6.5	59.0	71.0	66.0	58.0	40.0	89.5	55.0	1.0
SALEM	58.0	20.5	55.5	47.0	43.0	47.0	8.5	19.0	30.5	81.5	41.5
WILMA	22.5	29.0	25.0	32.5	39.0	32.0	75.5	80.5	30.5	27.5	60.0
SMIRNA (ZW 42-160)	67.0	45.5	18.0	71.5	76.0	42.0	61.0	1.5	42.5	55.0	11.5
HF 138	73.0	39.0	40.0	44.0	48.5	78.0	42.0	12.0	10.5	55.0	3.5
ERG 1143	35.0	68.0	38.0	52.5	59.0	34.5	51.0	12.0	92.0	2.0	41.5
HERALD	64.0	8.0	48.5	22.0	26.5	62.0	68.0	31.5	1.5	66.0	69.5
CAMARO	49.0	45.5	55.5	32.5	37.5	65.0	91.5	86.5	51.0	16.0	60.0
BARSKOL (BAR FR 9P)	90.0	29.0	2.0	79.0	74.0	42.0	73.0	25.0	51.0	27.5	13.5
VISTA	52.5	45.5	45.0	9.0	6.5	62.0	19.5	73.5	62.5	72.0	45.5
PUMA	59.5	29.0	42.0	63.0	67.5	56.5	91.5	40.0	62.5	40.5	50.0
NAPOLI (LD 3488)	81.5	55.5	25.0	63.0	55.0	79.5	89.5	40.0	74.0	40.5	41.5
RAYMOND	45.5	58.5	38.0	36.5	67.5	56.5	87.5	80.5	81.5	7.0	84.0
SHADEMASTER	71.0	49.5	50.0	27.0	10.0	68.0	28.0	40.0	62.5	55.0	50.0
CAPITOL	41.0	34.5	62.5	54.0	80.0	47.0	61.0	55.0	81.5	16.0	29.0
SIMONE (LD 3485)	40.0	41.0	28.5	63.0	80.0	56.5	80.0	40.0	62.5	40.5	35.5
PST-4NI	68.0	13.5	70.0	17.5	33.5	72.0	18.0	55.0	18.5	76.5	50.0
DAWSON	61.0	25.5	33.5	57.0	63.0	47.0	77.5	73.5	30.5	27.5	35.5
BARNICA	75.5	45.5	18.0	39.5	52.5	68.0	89.5	40.0	86.5	40.5	74.5
KOKET	38.5	39.0	42.0	32.5	48.5	54.0	75.5	73.5	86.5	40.5	74.5
FLYER	62.0	52.5	69.0	39.5	52.5	76.0	31.5	40.0	30.5	66.0	55.0
BARREPO	44.0	94.0	76.0	91.0	67.5	3.5	26.0	67.0	74.0	76.5	29.0
MX 86	55.5	92.5	92.0	69.0	82.5	25.5	29.0	1.5	62.5	87.5	93.0
BARLOTTE	92.0	42.0	10.0	86.5	65.0	76.0	93.0	80.5	62.5	55.0	80.5
COMFORT (HF 102)	78.5	76.0	33.5	79.0	84.5	83.5	85.5	48.5	74.0	66.0	80.5
REVERE (NK 88001)	50.5	64.0	59.5	75.0	43.0	86.0	42.0	73.5	51.0	72.0	74.5
WW RS 138	87.5	49.5	42.0	83.0	80.0	86.0	34.5	31.5	62.5	81.5	60.0
TALUS (LD 3438)	64.0	78.5	57.5	86.5	86.0	73.5	73.0	80.5	74.0	66.0	55.0
BELVEDERE	73.0	64.0	82.0	69.0	75.0	68.0	55.0	9.0	81.5	81.5	69.5
CLAUDIA	69.5	64.0	52.5	73.0	78.0	92.0	37.0	73.5	30.5	76.5	80.5
COLLO (LD 3414)	77.0	70.5	59.5	63.0	43.0	79.5	80.0	61.5	74.0	81.5	55.0
ELANOR	75.5	70.5	28.5	79.0	87.0	91.0	80.0	94.0	89.5	72.0	85.0
WW RS 130	89.0	52.5	45.0	83.0	67.5	70.5	84.0	91.5	42.5	81.5	80.5
WW RS 143	91.0	64.0	48.5	83.0	52.5	86.0	71.0	89.0	30.5	87.5	87.0
SUNSET (ZW 42-158)	81.5	61.0	64.0	74.0	82.5	76.0	64.0	84.5	62.5	90.5	74.5
BARIM (BAR FR8RC3)	80.0	72.5	73.5	79.0	52.5	88.0	44.5	89.0	86.5	85.0	80.5
ENSYLVA	78.5	78.5	80.0	44.0	35.5	81.5	82.5	84.5	62.5	90.5	90.0
BOREAL	83.0	60.0	52.5	76.0	71.0	83.5	44.5	67.0	51.0	87.5	91.5
SYLVESTER	86.0	78.5	61.0	85.0	77.0	81.5	87.5	93.0	74.0	55.0	89.0
BARGENA	66.0	58.5	77.0	44.0	26.5	90.0	77.5	89.0	91.0	92.0	87.0
FRANKLIN	87.5	68.0	87.0	89.5	90.0	89.0	61.0	48.5	42.5	87.5	80.5

- 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 3A.
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
WARWICK	3.0	3.0	6.5	.	.	.	.	63.5	.	6.0	19.0	1
SR 3100 (SRX 89-31)	2.0	2.0	1.0	18.0	81.0	26.0	16.5	28.0	48.0	1.0	2.0	2
PST-4HD	1.0	1.0	2.0	1.0	17.0	8.5	14.5	21.5	87.0	2.0	30.0	3
PST-4CD	12.0	43.5	24.0	27.5	2.0	36.0	38.0	5.0	13.5	24.0	67.0	4
BRIDGEPORT (N-105)	17.5	37.5	15.5	13.0	15.5	38.0	45.0	9.0	6.5	18.5	45.0	5
LONGFELLOW	12.0	40.0	21.5	38.5	14.0	33.5	38.0	37.0	8.5	21.0	30.0	6
89.IKR	31.5	25.0	24.0	10.0	9.0	15.5	45.0	24.0	.	35.0	24.5	7
JAMESTOWN II	27.0	25.0	27.0	50.5	35.0	30.0	27.0	28.0	24.5	16.0	63.0	8
SOUTHPORT	19.5	25.0	15.5	18.0	18.5	33.5	57.5	7.0	40.5	27.0	30.0	9
SR 5000	12.0	29.5	19.0	42.5	21.0	54.0	45.0	18.0	6.5	15.0	76.0	10
BRIGADE (MELODY)	6.5	12.0	8.5	24.0	77.5	1.0	8.5	34.0	59.5	4.5	37.0	11
SR 3000	6.5	11.0	6.5	66.5	54.0	5.5	4.5	46.5	50.5	3.0	6.0	12
PROFORMER (JMB-89)	33.0	35.5	29.0	30.0	28.0	58.5	57.5	28.0	13.5	24.0	67.0	13
AURORA	8.0	15.5	10.0	18.0	51.0	2.5	1.0	58.0	59.5	7.5	24.5	14
SHADOW W/ENDO. (PST-SHE)	28.0	32.5	30.0	35.5	27.0	46.5	45.0	3.0	70.0	22.0	34.0	15
AURORA W/ENDO. (PST-AUE)	5.0	10.0	4.0	6.0	73.0	17.5	16.5	24.0	87.0	27.0	24.5	16
RELIANT-W/ ENDOPHYTE	9.5	4.5	13.0	18.0	69.0	17.5	12.0	54.0	81.0	18.5	34.0	17
PST-4AG	21.5	6.0	12.0	18.0	51.0	11.0	8.5	46.5	87.0	9.0	45.0	18
ATTLA	17.5	7.5	3.0	61.5	71.5	4.0	21.0	34.0	77.0	12.5	1.0	19
PST-4FE	23.5	62.5	27.0	61.5	5.0	44.5	57.5	14.0	40.5	36.0	34.0	20
BARGREEN	38.5	22.0	34.5	35.5	11.0	24.5	21.0	6.0	18.0	42.5	7.5	21
RELIANT-NO ENDOPHYTE	4.0	13.5	21.5	57.5	63.0	19.5	8.5	51.0	77.0	24.0	15.0	22
BILJART	23.5	9.0	5.0	70.0	74.0	13.0	12.0	43.5	70.0	11.0	7.5	23
OFI 89-200	25.5	40.0	31.0	38.5	21.0	58.5	74.0	4.0	29.0	30.5	15.0	24
SILVANA	29.5	15.5	24.0	46.0	89.0	7.0	2.0	31.5	59.5	14.0	30.0	25
BAR FO 9A2	19.5	7.5	8.5	82.5	48.5	14.0	4.5	81.0	81.0	18.5	15.0	26
EUREKA	15.0	4.5	20.0	88.5	90.0	15.5	8.5	41.0	59.5	7.5	24.5	27
EPSM	45.5	46.0	47.5	5.0	25.0	50.0	.	11.0	40.5	32.0	45.0	28
SERRA	29.5	17.0	27.0	32.5	86.5	11.0	4.5	60.5	53.0	4.5	63.0	29
VALDA	21.5	18.0	15.5	56.0	84.5	8.5	14.5	28.0	33.0	12.5	19.0	30
SCALDIS	16.0	13.5	15.5	41.0	68.0	5.5	21.0	59.0	91.0	10.0	37.0	31
BANNER	36.0	40.0	34.5	70.0	51.0	72.5	45.0	37.0	33.0	39.5	37.0	32
BIGHORN	9.5	19.0	11.0	75.5	83.0	22.0	12.0	75.0	70.0	18.5	93.0	33
TROPHY (ESTORIL)	45.5	27.0	43.5	85.0	7.0	27.5	57.5	15.0	29.0	42.5	71.5	34
ENJOY	63.0	47.5	55.5	40.0	11.0	33.5	78.5	1.0	70.0	45.0	10.0	35
WALDORF	37.0	42.0	38.5	75.5	42.5	38.0	33.0	48.5	24.5	30.5	56.0	36
JAMESTOWN	42.5	28.0	38.5	64.5	53.0	58.5	21.0	37.0	24.5	45.0	79.5	37
MARY	47.0	34.0	36.5	35.5	30.5	50.0	68.5	31.5	70.0	56.5	45.0	38
FRT-30149	48.5	67.0	73.0	7.5	15.5	27.5	33.0	34.0	2.5	61.0	19.0	39
PST-4R3	14.0	35.5	18.0	61.5	32.5	80.5	83.0	68.5	53.0	33.0	79.5	40
DOVER (NK 82492)	63.0	50.5	41.0	70.0	58.5	58.5	27.0	2.0	48.0	47.0	45.0	41
PST-43F	25.5	80.0	53.0	18.0	21.0	66.5	68.5	24.0	40.5	49.5	56.0	42
BARCROWN	54.5	74.0	58.0	3.0	7.0	2.5	27.0	54.0	8.5	53.5	10.0	43
CINDY	65.5	62.5	77.0	9.0	11.0	58.5	45.0	43.5	2.5	77.5	5.0	44
PST-4C8	42.5	67.0	47.5	11.0	13.0	40.0	57.5	72.0	29.0	66.5	63.0	45
SHADOW	35.0	49.0	43.5	50.5	35.0	75.5	27.0	18.0	46.0	38.0	71.5	46
SCARLET	71.0	67.0	40.0	32.5	26.0	54.0	57.5	18.0	59.5	55.0	10.0	47
RAINBOW	56.5	50.5	58.0	54.0	46.5	42.0	57.5	43.5	10.5	64.0	24.5	48
JASPER	59.5	60.0	36.5	12.0	38.0	46.5	68.5	56.5	12.0	45.0	45.0	49
FERNANDO (HF 112)	73.5	29.5	64.0	46.0	24.0	43.0	45.0	10.0	40.5	69.5	12.0	50

TABLE 3A.
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
MOLINDA	31.5	57.0	55.5	18.0	35.0	50.0	27.0	21.5	87.0	86.0	56.0	51
ATLANTA	42.5	45.0	49.5	50.5	63.0	30.0	86.0	18.0	70.0	34.0	56.0	52
MARKER	87.0	93.5	82.0	4.0	4.0	11.0	33.0	91.5	5.0	53.5	4.0	53
BARIANDER (BAR FR 9F)	40.0	67.0	45.5	78.5	7.0	33.5	33.0	39.5	59.5	86.0	24.5	54
SALEM	63.0	62.5	60.0	48.0	45.0	50.0	57.5	60.5	24.5	37.0	45.0	55
WILMA	87.0	52.0	45.5	70.0	38.0	50.0	45.0	39.5	40.5	64.0	45.0	56
SMIRNA (ZW 42-160)	87.0	83.0	94.0	18.0	3.0	19.5	.	87.0	18.0	41.0	19.0	57
HF 138	67.5	72.0	61.0	78.5	23.0	41.0	74.0	83.5	4.0	64.0	13.0	58
ERG 1143	48.5	43.5	54.0	54.0	57.0	63.0	57.5	18.0	70.0	56.5	88.5	59
HERALD	54.5	81.5	62.5	26.0	32.5	64.5	45.0	62.0	24.5	49.5	56.0	60
CAMARO	38.5	37.5	51.0	18.0	56.0	68.5	68.5	8.0	59.5	80.5	71.5	61
BARSKOL (BAR FR 9P)	79.0	91.0	74.0	24.0	1.0	30.0	21.0	66.5	18.0	88.5	30.0	62
VISTA	51.0	58.5	71.5	7.5	71.5	77.0	45.0	77.5	48.0	49.5	63.0	63
PUMA	59.5	32.5	58.0	29.0	63.0	68.5	33.0	28.0	70.0	58.0	56.0	64
NAPOLI (LD 3488)	90.5	54.0	85.0	2.0	18.5	23.0	57.5	56.5	40.5	73.5	3.0	65
RAYMOND	51.0	31.0	49.5	88.5	30.5	62.0	74.0	12.5	40.5	59.0	45.0	66
SHADEMASTER	51.0	75.0	65.5	24.0	40.0	72.5	33.0	87.0	53.0	39.5	79.5	67
CAPTOL	84.0	55.5	67.0	44.0	42.5	54.0	45.0	48.5	10.5	66.5	67.0	68
SIMONE (LD 3485)	69.0	23.0	69.0	42.5	48.5	64.5	68.5	51.0	18.0	77.5	84.0	69
PST-4NI	42.5	58.5	71.5	70.0	38.0	58.5	78.5	43.5	81.0	49.5	45.0	70
DAWSON	82.5	76.0	93.0	31.0	29.0	21.0	89.0	83.5	18.0	68.0	19.0	71
BARNICA	76.0	55.5	69.0	50.5	55.0	70.0	33.0	51.0	33.0	69.5	71.5	72
KOKET	56.5	47.5	52.0	54.0	63.0	83.0	68.5	12.5	87.0	88.5	71.5	73
FLYER	59.5	70.0	65.5	82.5	42.5	78.5	68.5	72.0	70.0	71.0	45.0	74
BARPEPO	53.0	20.0	32.0	93.0	75.0	88.5	91.0	94.0	92.0	29.0	76.0	75
MX 86	34.0	21.0	33.0	82.5	93.0	24.5	21.0	70.0	87.0	27.0	94.0	76
BARLOTTE	67.5	86.0	89.0	57.5	42.5	38.0	38.0	81.0	1.0	80.5	82.0	77
COMFORT (HF 102)	87.0	62.5	89.0	46.0	46.5	44.5	21.0	66.5	33.0	61.0	45.0	78
REVERE (NK 88001)	90.5	79.0	86.0	61.5	76.0	80.5	4.5	74.0	24.5	73.5	56.0	79
WW RS 138	73.5	53.0	77.0	35.5	67.0	66.5	57.5	77.5	18.0	73.5	79.5	80
TALUS (LD 3438)	71.0	71.0	82.0	27.5	58.5	72.5	78.5	87.0	70.0	52.0	56.0	81
BELVEDERE	65.5	73.0	42.0	92.0	86.5	83.0	83.0	54.0	33.0	61.0	92.0	82
CLAUDIA	87.0	86.0	75.0	73.0	70.0	88.5	57.5	63.5	59.5	83.5	91.0	83
COLLO (LD 3414)	59.5	81.5	91.5	66.5	84.5	75.5	78.5	87.0	81.0	77.5	84.0	84
ELANOR	79.0	67.0	62.5	86.5	80.0	83.0	78.5	87.0	59.5	83.5	45.0	85
WW RS 130	76.0	89.5	84.0	75.5	63.0	90.5	89.0	90.0	18.0	91.5	63.0	86
WW RS 143	71.0	84.0	82.0	91.0	63.0	78.5	68.5	77.5	50.5	77.5	56.0	87
SUNSET (ZW 42-158)	79.0	93.5	79.5	59.0	79.0	72.5	57.5	81.0	40.5	86.0	84.0	88
BARIM (BAR FR8RC3)	81.0	77.5	79.5	64.5	63.0	85.0	78.5	77.5	59.5	91.5	88.5	89
ENSYLVA	76.0	77.5	89.0	90.0	82.0	86.5	57.5	68.5	77.0	73.5	71.5	90
BOREAL	92.5	88.0	91.5	80.0	88.0	86.5	86.0	65.0	40.5	91.5	88.5	91
SYLVESTER	92.5	92.0	69.0	82.5	77.5	92.5	89.0	93.0	81.0	91.5	86.0	92
BARGENA	82.5	89.5	77.0	86.5	91.0	90.5	83.0	72.0	70.0	82.0	88.5	93
FRANKLIN	94.0	86.0	87.0	75.5	92.0	92.5	86.0	91.5	87.0	94.0	76.0	94

- 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 3B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
PST-4R3	6.0	4.5	19.0	1.0	1.5	3.0	2.0	18.5	14.0	17.5	3.0
PST-43F	9.0	3.0	1.0	13.0	12.5	6.0	5.0	1.5	2.5	9.5	2.0
CINDY	15.5	6.0	5.0	5.0	10.0	6.0	8.0	5.0	8.0	1.0	5.5
PST-4C8	1.0	2.0	2.5	8.0	8.5	6.0	9.5	12.5	2.5	5.5	12.5
JASPER	4.0	8.0	2.5	7.0	6.0	2.0	15.0	15.5	4.5	13.0	1.0
SALEM	5.0	7.0	14.0	12.0	12.5	1.0	1.0	3.0	8.0	17.5	4.0
HERALD	9.0	1.0	9.5	4.0	4.5	6.0	19.0	5.0	1.0	5.5	14.5
VISTA	3.0	9.0	7.5	2.0	1.5	6.0	4.0	15.5	18.0	9.5	5.5
SHADEMASTER	14.0	10.5	11.0	6.0	3.0	9.5	6.0	7.5	18.0	2.5	7.5
PST-4NI	12.0	4.5	22.0	3.0	7.0	12.0	3.0	10.0	4.5	13.0	7.5
FLYER	7.0	12.5	21.0	9.0	16.0	14.5	7.0	7.5	8.0	5.5	10.0
REVERE (NK 88001)	2.0	18.5	16.5	18.0	12.5	21.0	12.0	15.5	14.0	9.5	16.5
WW RS 138	24.5	10.5	6.0	23.0	23.0	21.0	9.5	5.0	18.0	17.5	12.5
TALUS (LD 3438)	9.0	26.0	15.0	26.0	25.0	13.0	21.0	18.5	22.0	5.5	10.0
BELVEDERE	15.5	18.5	26.0	15.0	20.0	9.5	16.0	1.5	24.0	17.5	14.5
CLAUDIA	13.0	18.5	12.5	16.0	22.0	27.0	11.0	15.5	8.0	13.0	19.5
COLLO (LD 3414)	18.0	22.5	16.5	14.0	12.5	16.0	23.5	11.0	22.0	17.5	10.0
ELANOR	17.0	22.5	4.0	20.5	26.0	26.0	23.5	27.0	26.0	9.5	22.0
WW RS 130	26.0	12.5	7.5	23.0	18.0	11.0	26.0	25.0	11.5	17.5	19.5
WW RS 143	27.0	18.5	9.5	23.0	16.0	21.0	20.0	23.0	8.0	23.0	23.5
SUNSET (ZW 42-158)	21.0	16.0	20.0	17.0	24.0	14.5	18.0	20.5	18.0	25.5	16.5
BARIM (BAR FR8RC3)	20.0	24.0	23.0	20.5	16.0	23.0	13.5	23.0	25.0	21.0	19.5
ENSYLVA	19.0	26.0	25.0	10.5	8.5	17.5	25.0	20.5	18.0	25.5	26.0
BOREAL	22.0	15.0	12.5	19.0	19.0	19.0	13.5	12.5	14.0	23.0	27.0
SYLVESTER	23.0	26.0	18.0	25.0	21.0	17.5	27.0	26.0	22.0	2.5	25.0
BARGENA	11.0	14.0	24.0	10.5	4.5	25.0	22.0	23.0	27.0	27.0	23.5
FRANKLIN	24.5	21.0	27.0	27.0	27.0	24.0	17.0	9.0	11.5	23.0	19.5

TABLE 3B.
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
EST-4R3	1.0	1.0	1.0	12.5	4.5	16.5	22.0	10.5	15.5	1.0	18.0	1
EST-43F	2.0	17.0	5.0	5.0	3.0	7.5	13.5	1.0	11.0	6.5	9.0	2
CINDY	12.5	6.5	16.0	2.0	1.0	4.5	4.0	2.5	1.0	17.0	1.0	3
EST-4C8	3.5	8.5	4.0	3.0	2.0	1.0	8.5	13.0	8.0	11.0	13.0	4
JASPER	9.0	5.0	2.0	4.0	6.5	2.0	13.5	5.0	2.0	4.0	4.0	5
SALEM	11.0	6.5	6.0	10.0	10.0	3.0	8.5	6.0	6.0	2.0	4.0	6
HERALD	7.0	18.5	7.5	7.0	4.5	6.0	4.0	7.0	6.0	6.5	9.0	7
VISTA	5.5	3.5	12.5	1.0	17.0	13.0	4.0	17.5	13.0	6.5	13.0	8
SHADEMASTER	5.5	13.0	9.5	6.0	8.0	10.0	2.0	22.5	15.5	3.0	18.0	9
EST-4NI	3.5	3.5	12.5	16.0	6.5	4.5	18.0	2.5	25.0	6.5	4.0	10
FLYER	9.0	10.0	9.5	21.5	9.0	14.5	13.5	13.0	21.0	12.0	4.0	11
REVERE (NK 88001)	24.0	16.0	23.0	12.5	18.0	16.5	1.0	15.0	6.0	14.0	9.0	12
WW RS 138	16.0	2.0	16.0	9.0	15.0	7.5	8.5	17.5	3.5	14.0	18.0	13
TALUS (LD 3438)	14.5	11.0	20.5	8.0	11.0	10.0	18.0	22.5	21.0	9.0	9.0	14
BELVEDERE	12.5	12.0	3.0	27.0	24.0	18.5	22.0	4.0	9.0	10.0	27.0	15
CLAUDIA	23.0	21.5	14.0	17.0	16.0	23.0	8.5	8.0	18.0	20.5	26.0	16
COLLO (LD 3414)	9.0	18.5	26.5	15.0	23.0	12.0	18.0	22.5	25.0	17.0	20.5	17
ELANOR	19.5	8.5	7.5	23.5	21.0	18.5	18.0	22.5	18.0	20.5	4.0	18
WW RS 130	17.5	24.5	22.0	18.5	13.0	24.5	26.5	25.0	3.5	24.5	13.0	19
WW RS 143	14.5	20.0	20.5	26.0	13.0	14.5	13.5	17.5	14.0	17.0	9.0	20
SUNSET (ZW 42-158)	19.5	27.0	18.5	11.0	20.0	10.0	8.5	20.0	11.0	22.0	20.5	21
BARIM (BAR FR8RC3)	21.0	14.5	18.5	14.0	13.0	20.0	18.0	17.5	18.0	24.5	24.0	22
ENSYLVA	17.5	14.5	25.0	25.0	22.0	21.5	8.5	10.5	23.0	14.0	15.0	23
BOREAL	25.5	23.0	26.5	20.0	25.0	21.5	24.5	9.0	11.0	24.5	24.0	24
SYLVESTER	25.5	26.0	11.0	21.5	19.0	26.5	26.5	27.0	25.0	24.5	22.0	25
BARGENA	22.0	24.5	16.0	23.5	26.0	24.5	22.0	13.0	21.0	19.0	24.0	26
FRANKLIN	27.0	21.5	24.0	18.5	27.0	26.5	24.5	26.0	27.0	27.0	16.0	27

- 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 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
FRT-30149	3	4.5	6.0	2	6.0	5.0	3	5.5	7.5	1.0	6.0
BARCROWN	8	3.0	9.0	8	3.0	6.0	2	10.0	5.5	7.5	3.0
MARKER	7	10.0	2.0	5	9.5	1.0	5	3.5	2.5	3.0	1.0
SMIRNA (ZW 42-160)	2	7.0	4.0	6	8.0	2.5	4	1.0	4.0	7.5	4.0
HF 138	4	4.5	10.0	1	1.0	8.0	1	2.0	1.0	7.5	2.0
BARSKOL (BAR FR 9P)	9	2.0	1.0	8	7.0	2.5	6	3.5	5.5	3.0	5.0
NAPOLI (LD 3488)	6	8.0	5.0	4	2.0	9.0	9	5.5	9.5	5.0	8.0
DAWSON	1	1.0	7.5	3	4.0	4.0	7	8.0	2.5	3.0	7.0
BARLOTTE	10	6.0	3.0	10	5.0	7.0	10	9.0	7.5	7.5	9.5
COMFORT (HF 102)	5	9.0	7.5	8	9.5	10.0	8	7.0	9.5	10.0	9.5

TABLE 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
(CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
FRT-30149	1.0	3	3.0	4	5	6	4.5	1.0	2	4.5	6	1
BARCROWN	2.0	5	1.0	2	4	1	3.0	2.0	5	2.5	3	2
MARKER	8.0	10	5.0	3	3	2	4.5	10.0	4	2.5	2	3
SMIRNA (ZW 42-160)	8.0	7	10.0	5	2	3	.	9.0	7	1.0	6	4
HF 138	3.5	4	2.0	10	7	9	8.0	7.5	3	6.0	4	5
BARSKOL (BAR FR 9P)	5.0	9	4.0	6	1	7	1.5	4.5	7	10.0	8	6
NAPOLI (LD 3488)	10.0	1	6.0	1	6	5	7.0	3.0	10	8.0	1	7
DAWSON	6.0	6	9.0	7	8	4	9.0	7.5	7	7.0	6	8
BARLOTTE	3.5	8	7.5	9	9	8	6.0	6.0	1	9.0	10	9
COMFORT (HF 102)	8.0	2	7.5	8	10	10	1.5	4.5	9	4.5	9	10

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
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
PST-4CD	1.0	2.5	5.5	10.0	8.0	14.0	1.0	13.5	3.0	6.0	8.5
BRIDGEPORT (N-105)	9.5	5.5	7.5	3.0	3.0	2.0	5.0	10.5	15.5	14.5	8.5
LONGFELLOW	8.0	5.5	7.5	7.0	1.0	2.0	9.5	7.5	6.0	6.0	8.5
89.LKR	.	5.5	.	.	.	.	7.0	2.0	.	.	13.5
JAMESTOWN II	5.0	1.0	29.0	2.0	4.0	10.0	3.0	2.0	1.0	6.0	13.5
SOUTHPORT	2.0	2.5	28.0	6.0	5.0	5.0	4.0	28.5	10.0	14.5	2.0
SR 5000	3.0	9.5	2.0	5.0	2.0	17.0	8.0	6.0	15.5	35.0	20.5
PROFORMER (JMB-89)	4.0	9.5	33.0	1.0	10.5	4.0	6.0	10.5	3.0	6.0	3.5
SHADOW W/ENDO. (PST-SHE)	11.0	12.0	11.5	4.0	6.0	20.0	2.0	36.0	10.0	14.5	20.5
PST-4FE	6.0	8.0	15.0	8.0	8.0	6.0	9.5	23.0	3.0	28.5	13.5
BARGREEN	7.0	16.0	11.5	28.0	12.0	14.0	22.5	26.0	30.0	1.5	3.5
OFI 89-200	9.5	12.0	17.5	21.0	29.5	2.0	11.0	30.5	15.5	14.5	5.0
EPSOM	12.0	5.5	21.5	29.5	8.0	7.5	15.0	23.0	10.0	22.5	11.0
BANNER	15.0	12.0	21.5	9.0	17.0	26.0	12.0	2.0	15.5	14.5	17.0
TROPHY (ESTORIL)	18.0	34.0	11.5	25.0	23.5	25.0	15.0	7.5	6.0	14.5	24.5
ENJOY	14.0	29.5	5.5	11.5	14.0	20.0	24.5	26.0	25.5	14.5	20.5
WALDORF	17.0	23.5	16.0	21.0	26.5	7.5	30.0	20.0	20.0	22.5	17.0
JAMESTOWN	22.0	29.5	30.5	11.5	16.0	17.0	17.5	4.5	20.0	6.0	32.5
MARY	26.0	20.0	1.0	13.0	19.0	17.0	22.5	26.0	25.5	22.5	13.5
DOVER (NK 82492)	27.0	16.0	11.5	27.0	14.0	20.0	36.0	10.5	20.0	6.0	6.0
SHADOW	16.0	14.0	35.0	17.5	18.0	35.0	13.0	20.0	6.0	33.0	31.0
SCARLET	32.0	16.0	11.5	17.5	26.5	10.0	17.5	28.5	10.0	22.5	32.5
RAINBOW	29.0	32.5	19.5	15.5	22.0	10.0	24.5	10.5	15.5	28.5	8.5
FERNANDO (HF 112)	20.5	23.5	3.5	34.0	29.5	31.0	26.0	20.0	10.0	33.0	27.5
MOLINDA	33.0	18.0	24.0	14.0	14.0	23.0	31.0	13.5	22.5	22.5	27.5
ATLANTA	19.0	23.5	30.5	15.5	10.5	23.0	19.5	33.0	28.0	14.5	24.5
BARLANDER (BAR FR 9F)	31.0	32.5	3.5	32.0	33.0	33.0	19.5	16.5	34.0	33.0	1.0
WILMA	13.0	20.0	17.5	21.0	21.0	12.0	27.5	33.0	15.5	22.5	29.5
ERG 1143	20.5	36.0	24.0	29.5	28.0	14.0	15.0	4.5	35.0	1.5	23.0
CAMARO	30.0	29.5	32.0	21.0	20.0	32.0	34.5	35.0	22.5	14.5	29.5
PUMA	34.0	20.0	26.5	34.0	31.5	29.0	34.5	16.5	25.5	28.5	26.0
RAYMOND	28.0	35.0	24.0	24.0	31.5	29.0	32.0	33.0	30.0	6.0	36.0
CAPITOL	25.0	23.5	34.0	31.0	34.5	23.0	21.0	23.0	30.0	14.5	17.0
SIMONE (LD 3485)	24.0	27.0	19.5	34.0	34.5	29.0	29.0	16.5	25.5	28.5	20.5
BARNICA	35.0	29.5	11.5	26.0	25.0	34.0	33.0	16.5	32.5	28.5	34.5
KOKET	23.0	26.0	26.5	21.0	23.5	27.0	27.5	30.5	32.5	28.5	34.5

TABLE 3D.
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
PST-4CD	2.0	21.5	5.5	7.0	1.0	10.0	11.5	5.0	6.5	6.5	26.0	1
BRIDGEPORT (N-105)	4.0	15.5	1.5	3.0	9.0	11.5	16.5	9.0	1.5	3.0	16.5	2
LONGFELLOW	2.0	18.0	4.0	14.5	8.0	7.5	11.5	28.0	3.0	4.0	9.5	3
89.IKR	10.5	4.0	5.5	2.0	5.0	1.0	16.5	22.0	.	13.0	7.0	4
JAMESTOWN II	8.0	4.0	7.5	22.5	21.0	4.5	4.5	24.0	11.0	2.0	24.0	5
SOUTHPORT	5.0	4.0	1.5	5.0	10.0	7.5	24.0	7.0	19.5	8.0	9.5	6
SR 5000	2.0	8.5	3.0	17.5	11.5	22.0	16.5	18.0	1.5	1.0	33.0	7
PROFORMER (JMB-89)	12.0	14.0	9.0	9.0	17.0	25.5	24.0	24.0	6.5	6.5	26.0	8
SHADOW W/ENDO. (PST-SHE)	9.0	11.5	10.0	12.0	16.0	16.0	16.5	3.0	30.5	5.0	11.5	9
PST-4FE	6.0	34.0	7.5	28.0	2.0	15.0	24.0	14.0	19.5	14.0	11.5	10
BARGREEN	16.5	1.0	12.5	12.0	6.5	2.0	1.5	6.0	8.5	17.5	1.0	11
OFI 89-200	7.0	18.0	11.0	14.5	11.5	25.5	32.5	4.0	13.5	9.5	5.0	12
EPSOM	21.5	24.0	23.0	1.0	14.0	18.5	.	11.0	19.5	11.0	16.5	13
BANNER	14.0	18.0	12.5	31.0	28.0	34.0	16.5	28.0	15.5	16.0	13.0	14
TROHY (ESTORIL)	21.5	6.0	19.5	35.0	3.5	3.0	24.0	15.0	13.5	17.5	30.0	15
ENJOY	29.5	25.5	29.5	16.0	6.5	7.5	34.0	1.0	30.5	19.5	2.5	16
WALDORF	15.0	20.0	15.5	33.0	24.5	11.5	8.5	33.5	11.0	9.5	21.5	17
JAMESTOWN	19.5	7.0	15.5	29.0	29.0	25.5	1.5	28.0	11.0	19.5	34.0	18
MARY	23.0	13.0	14.0	12.0	18.5	18.5	29.5	26.0	30.5	23.5	16.5	19
DOVER (NK 82492)	29.5	28.5	18.0	31.0	33.0	25.5	4.5	2.0	24.0	21.0	16.5	20
SHADOW	13.0	27.0	19.5	22.5	21.0	35.0	4.5	18.0	23.0	15.0	30.0	21
SCARLET	32.0	35.5	17.0	10.0	15.0	22.0	24.0	18.0	26.0	22.0	2.5	22
RAINBOW	26.5	28.5	31.5	26.0	26.0	13.0	24.0	32.0	4.5	27.5	7.0	23
FERNANDO (HF 112)	33.0	8.5	33.0	20.0	13.0	14.0	16.5	10.0	19.5	30.5	4.0	24
MOLINDA	10.5	33.0	29.5	5.0	21.0	18.5	4.5	21.0	34.5	34.5	21.5	25
ATLANTA	19.5	23.0	24.5	22.5	35.0	4.5	35.0	18.0	30.5	12.0	21.5	26
BARIANDER (BAR FR 9F)	18.0	35.5	21.5	34.0	3.5	7.5	8.5	30.5	26.0	34.5	7.0	27
WILMA	36.0	30.0	21.5	31.0	23.0	18.5	16.5	30.5	19.5	27.5	16.5	28
ERG 1143	24.0	21.5	28.0	26.0	32.0	29.0	24.0	18.0	30.5	23.5	36.0	29
CAMARO	16.5	15.5	26.0	5.0	31.0	31.5	29.5	8.0	26.0	33.0	30.0	30
PUMA	28.0	11.5	31.5	8.0	35.0	31.5	8.5	24.0	30.5	25.0	21.5	31
RAYMOND	25.0	10.0	24.5	36.0	18.5	28.0	32.5	12.5	19.5	26.0	16.5	32
CAPITOL	35.0	31.5	34.0	19.0	24.5	22.0	16.5	33.5	4.5	29.0	26.0	33
SIMONE (LD 3485)	31.0	2.0	35.5	17.5	27.0	30.0	29.5	35.5	8.5	32.0	35.0	34
BARNICA	34.0	31.5	35.5	22.5	30.0	33.0	8.5	35.5	15.5	30.5	30.0	35
KOKET	26.5	25.5	27.0	26.0	35.0	36.0	29.5	12.5	34.5	36.0	30.0	36

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 3E.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
WARWICK	.	5.0	.	.	.	.	3.0	9.0	.	.	.
SR 3100 (SRX 89-31)	1.0	2.0	15.0	1.0	3	2.0	7.0	1.0	2.5	3.0	3.0
PST-4HD	2.0	7.0	17.0	8.0	2	4.5	1.0	8.0	6.0	7.0	2.0
SR 3000	4.5	12.0	1.5	6.5	5	15.0	13.0	6.5	13.5	12.0	4.0
AURORA	8.0	4.0	16.0	11.0	8	13.0	2.0	12.0	8.5	3.0	15.5
AURORA W/ENDO. (PST-AUE)	9.0	9.0	3.0	10.0	13	6.5	6.0	10.5	6.0	3.0	8.0
RELIANT-W/ ENDOPHYTE	7.0	9.0	5.0	3.5	5	11.5	11.0	6.5	1.0	7.0	13.0
PST-4AG	12.0	12.0	12.0	9.0	9	6.5	4.5	10.5	15.5	7.0	6.5
ATTILA	11.0	1.0	10.5	12.0	15	4.5	14.0	13.5	15.5	7.0	6.5
RELIANT-NO ENDOPHYTE	3.0	6.0	10.5	6.5	7	16.5	4.5	15.5	10.0	12.0	9.5
BILJART	13.0	9.0	13.0	13.0	5	9.0	17.0	3.0	6.0	12.0	9.5
SILVANA	14.0	17.0	9.0	3.5	1	8.0	16.0	4.5	8.5	12.0	13.0
BAR FO 9A2	6.0	3.0	7.0	15.0	16	1.0	8.5	13.5	2.5	12.0	11.0
EUREKA	4.5	14.5	1.5	2.0	11	11.5	10.0	15.5	11.5	15.5	17.0
SERRA	10.0	14.5	6.0	17.0	14	10.0	12.0	4.5	17.0	7.0	1.0
VALDA	17.0	16.0	4.0	5.0	10	16.5	18.0	18.0	4.0	15.5	13.0
SCALDIS	16.0	12.0	14.0	14.0	17	14.0	15.0	2.0	11.5	1.0	15.5
BARREPP0	15.0	18.0	8.0	16.0	12	3.0	8.5	17.0	13.5	17.0	5.0

TABLE 3E.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
WARWICK	3.0	3.0	6.5	.	.	.	.	16.0	.	5.0	7.5	1
SR 3100 (SRX 89-31)	2.0	2.0	1.0	4.5	13.0	16.0	13.5	3.5	2.0	1.0	2.0	2
PST-4HD	1.0	1.0	2.0	1.0	1.0	6.5	11.5	1.0	14.0	2.0	12.5	3
SR 3000	6.0	11.0	6.5	13.0	5.0	3.5	4.0	9.5	3.0	3.0	3.0	4
AURORA	7.0	14.5	9.0	4.5	3.5	1.0	1.0	13.0	6.0	6.5	10.0	5
AURORA W/ENDO. (PST-AUE)	5.0	10.0	4.0	2.0	10.0	13.5	13.5	2.0	14.0	17.0	10.0	6
RELIANT-W/ ENDOPHYTE	8.0	4.5	11.0	4.5	8.0	13.5	9.5	12.0	11.5	14.5	14.0	7
PST-4AG	13.5	6.0	10.0	4.5	3.5	8.5	7.0	9.5	14.0	8.0	16.0	8
ATTILA	11.0	7.5	3.0	12.0	9.0	2.0	15.5	6.0	9.5	11.5	1.0	9
RELIANT-NO ENDOPHYTE	4.0	12.5	15.0	11.0	6.0	15.0	7.0	11.0	9.5	16.0	5.5	10
BILJART	15.0	9.0	5.0	14.0	11.0	10.0	9.5	8.0	8.0	10.0	4.0	11
SILVANA	16.5	14.5	16.0	9.0	16.0	5.0	2.0	5.0	6.0	13.0	12.5	12
BAR FO 9A2	12.0	7.5	8.0	15.0	2.0	11.0	4.0	17.0	11.5	14.5	5.5	13
EUREKA	9.0	4.5	14.0	16.0	17.0	12.0	7.0	7.0	6.0	6.5	10.0	14
SERRA	16.5	16.0	17.0	7.0	15.0	8.5	4.0	15.0	4.0	4.0	17.0	15
VALDA	13.5	17.0	12.5	10.0	14.0	6.5	11.5	3.5	1.0	11.5	7.5	16
SCALDIS	10.0	12.5	12.5	8.0	7.0	3.5	15.5	14.0	16.0	9.0	15.0	17
BARREPP0	18.0	18.0	18.0	17.0	12.0	17.0	17.0	18.0	17.0	18.0	18.0	18

- 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 3F. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA 1/
1991 DATA

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

NAME	AL1	IA1	ID2	IL1	IL2	IN1	KY1	MD1	MI1	MN1	NE1
BIGHORN	1	1	1	1	1	1	1	2	2	1	1
MX 86	2	2	2	2	2	2	2	1	1	2	2

TABLE 3F. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
(CONTINUED) AT TWENTY-TWO LOCATIONS IN THE U.S. AND CANADA
1991 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NJ1	NJ2	NJ3	OR2	OR9	PA1	PA2	RI1	SK1	UB1	WA1	MEAN
BIGHORN	1	1	1	1	1	1	1	2	1	1	1	1
MX 86	2	2	2	2	2	2	2	1	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 4A. GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/					MEAN
	ID2	NE1	OR9	PA1	PA2	
MARKER	7.3	6.0	7.7	9.0	7.7	7.5
BARLANDER (BAR FR 9F)	7.0	6.7	5.7	7.7	8.0	7.0
ATTILA	7.3	6.0	6.3	7.7	7.3	6.9
BIGHORN	7.0	6.3	6.3	6.7	8.0	6.9
TALUS (LD 3438)	7.3	6.3	6.3	7.0	7.0	6.8
VALDA	7.0	6.0	6.0	7.3	7.7	6.8
PST-4R3	7.3	6.0	6.7	6.7	7.0	6.7
BARREPPPO	6.3	6.0	5.3	7.7	8.3	6.7
PST-4HD	7.3	5.7	6.3	6.7	7.7	6.7
SR 3000	7.0	6.0	6.7	6.3	7.7	6.7
PST-43F	7.3	5.7	6.3	6.7	7.3	6.7
JASPER	7.0	6.0	6.3	7.0	7.0	6.7
SALEM	7.0	6.0	6.0	7.3	7.0	6.7
ERG 1143	7.0	5.7	5.7	7.0	7.7	6.6
FLYER	7.0	6.0	6.0	7.0	7.0	6.6
SR 3100 (SRX 89-31)	7.0	5.7	6.3	6.0	8.0	6.6
PST-4C8	7.0	5.7	6.3	6.7	7.0	6.5
AURORA W/ENDO. (PST-AUE)	7.0	6.0	6.0	6.3	7.3	6.5
SCALDIS	7.0	6.0	6.0	6.0	7.7	6.5
SERRA	7.0	6.7	6.3	5.0	7.7	6.5
SILVANA	6.7	6.0	6.3	6.0	7.7	6.5
89.LKR	.	5.7	6.0	6.7	7.7	6.5
AURORA	6.7	6.3	5.7	6.3	7.3	6.5
LONGFELLOW	7.0	5.7	6.0	6.3	7.3	6.5
PST-4NI	7.0	6.0	6.0	6.7	6.7	6.5
COLLO (LD 3414)	6.3	6.0	6.0	7.0	7.0	6.5
DOVER (NK 82492)	6.3	6.0	6.3	6.7	7.0	6.5
RELIANT-W/ ENDOPHYTE	6.3	6.0	6.0	6.0	8.0	6.5
BRIDGEPORT (N-105)	6.7	5.7	6.0	6.3	7.3	6.4
BRIGADE (MELODY)	6.3	5.7	6.0	6.3	7.7	6.4
PST-4CD	7.0	5.7	5.7	6.3	7.3	6.4
RELIANT-NO ENDOPHYTE	7.3	5.0	5.7	6.0	8.0	6.4
MX 86	6.3	5.7	6.3	6.3	7.3	6.4
OFI 89-200	7.0	6.0	5.3	6.3	7.3	6.4
BELVEDERE	6.7	6.0	5.0	7.0	7.0	6.3
FRT-30149	7.0	5.7	5.0	7.0	7.0	6.3
PST-4AG	6.7	5.7	6.0	6.0	7.3	6.3
RAYMOND	6.7	5.7	5.7	6.0	7.7	6.3
REVERE (NK 88001)	6.7	5.3	5.7	6.0	8.0	6.3
SHADOW W/ENDO. (PST-SHE)	7.0	5.3	5.3	6.3	7.7	6.3
BANNER	6.7	6.0	5.7	5.7	7.3	6.3
BAR FO 9A2	6.7	5.7	5.0	6.3	7.7	6.3
BARCROWN	6.7	4.7	5.7	7.7	6.7	6.3
BARGREEN	6.7	6.0	5.7	5.7	7.3	6.3
FRANKLIN	6.7	6.0	5.7	6.0	7.0	6.3
MOLINDA	6.3	6.0	5.7	5.7	7.7	6.3
PST-4FE	6.7	5.7	5.3	6.0	7.7	6.3
MARY	6.7	6.3	5.0	6.0	7.3	6.3
NAPOLI (LD 3488)	6.7	5.0	5.3	7.3	7.0	6.3
SHADOW	7.0	6.0	5.3	5.3	7.7	6.3

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	ID2	NE1	OR9	PA1	PA2	MEAN
WW RS 138	6.7	5.7	5.7	6.3	7.0	6.3
BILJART	6.7	5.7	5.3	6.3	7.0	6.2
CLAUDIA	6.7	5.3	6.0	6.0	7.0	6.2
EUREKA	6.7	5.7	5.7	6.0	7.0	6.2
SCARLET	6.0	6.0	5.0	6.0	8.0	6.2
BARSKOL (BAR FR 9P)	6.7	4.7	5.3	7.0	7.0	6.1
DAWSON	6.7	5.3	5.0	7.0	6.7	6.1
ELANOR	6.7	5.7	5.3	6.3	6.7	6.1
TROPHY (ESTORIL)	6.7	5.3	5.7	6.0	7.0	6.1
ATLANTA	6.3	5.7	5.0	6.3	7.3	6.1
JAMESTOWN	6.7	6.0	5.3	5.3	7.3	6.1
VISTA	6.3	6.0	5.3	6.0	7.0	6.1
BOREAL	6.7	6.0	5.7	5.3	6.7	6.1
CAPITOL	6.3	5.7	5.0	5.7	7.7	6.1
SYLVESTER	6.3	5.7	5.7	5.7	7.0	6.1
WILMA	6.0	5.7	5.0	6.7	7.0	6.1
ENJOY	6.3	5.7	5.7	5.3	7.3	6.1
SHADEMASTER	6.3	5.7	6.0	5.3	7.0	6.1
SUNSET (ZW 42-158)	6.3	6.0	5.3	5.7	7.0	6.1
WALDORF	6.7	5.3	5.0	6.3	7.0	6.1
RAINBOW	6.3	5.0	5.0	6.0	7.7	6.0
SR 5000	6.7	5.3	5.7	5.0	7.3	6.0
CINDY	6.3	5.3	5.3	5.7	7.0	5.9
BARIM (BAR FR8RC3)	6.3	5.3	5.7	5.3	7.0	5.9
PROFORMER (JMB-89)	6.0	5.3	5.3	6.0	7.0	5.9
WW RS 130	6.0	5.7	4.7	6.0	7.0	5.9
HF 138	6.3	6.0	5.3	5.0	6.7	5.9
JAMESTOWN II	6.0	5.7	5.3	5.3	7.0	5.9
SOUTHPORT	6.0	5.7	5.0	5.3	7.3	5.9
ENSYLVA	6.0	5.7	5.3	5.0	7.0	5.8
KOKET	5.7	5.7	5.0	5.0	7.3	5.7
PUMA	6.0	5.7	5.3	4.0	7.7	5.7
SIMONE (LD 3485)	6.0	5.3	5.0	5.0	7.3	5.7
BARGENA	6.3	5.3	5.3	4.7	6.7	5.7
CAMARO	5.0	5.7	5.0	5.0	7.3	5.6
HERALD	6.7	4.7	5.0	4.7	6.7	5.5
BARNICA	5.3	5.0	5.0	4.7	7.7	5.5
SMIRNA (ZW 42-160)	6.3	4.3	5.0	6.3	.	5.5
FERNANDO (HF 112)	5.3	5.0	5.0	4.3	7.0	5.3
BARLOTTE	6.3	4.7	4.7	3.7	6.0	5.1
COMFORT (HF 102)	5.3	4.7	5.0	4.3	6.0	5.1
WW RS 143	6.0	4.3	5.0	3.7	6.3	5.1
EPSOM	5.3	4.3	5.0	5.0	.	4.9
LSD VALUE	1.0	0.9	0.9	1.1	0.7	0.4

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).

TABLE 4B. GENETIC COLOR RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	ID2	NE1	OR9	PA1	PA2	MEAN
TALUS (LD 3438)	7.3	6.3	6.3	7.0	7.0	6.8
PST-4R3	7.3	6.0	6.7	6.7	7.0	6.7
PST-43F	7.3	5.7	6.3	6.7	7.3	6.7
JASPER	7.0	6.0	6.3	7.0	7.0	6.7
SALEM	7.0	6.0	6.0	7.3	7.0	6.7
FLYER	7.0	6.0	6.0	7.0	7.0	6.6
PST-4C8	7.0	5.7	6.3	6.7	7.0	6.5
PST-4NI	7.0	6.0	6.0	6.7	6.7	6.5
COLLO (LD 3414)	6.3	6.0	6.0	7.0	7.0	6.5
BELVEDERE	6.7	6.0	5.0	7.0	7.0	6.3
REVERE (NK 88001)	6.7	5.3	5.7	6.0	8.0	6.3
FRANKLIN	6.7	6.0	5.7	6.0	7.0	6.3
WW RS 138	6.7	5.7	5.7	6.3	7.0	6.3
CLAUDIA	6.7	5.3	6.0	6.0	7.0	6.2
ELANOR	6.7	5.7	5.3	6.3	6.7	6.1
VISTA	6.3	6.0	5.3	6.0	7.0	6.1
BOREAL	6.7	6.0	5.7	5.3	6.7	6.1
SYLVESTER	6.3	5.7	5.7	5.7	7.0	6.1
SHADEMASTER	6.3	5.7	6.0	5.3	7.0	6.1
SUNSET (ZW 42-158)	6.3	6.0	5.3	5.7	7.0	6.1
CINDY	6.3	5.3	5.3	5.7	7.0	5.9
BARIM (BAR FR8RC3)	6.3	5.3	5.7	5.3	7.0	5.9
WW RS 130	6.0	5.7	4.7	6.0	7.0	5.9
ENSYLVA	6.0	5.7	5.3	5.0	7.0	5.8
BARGENA	6.3	5.3	5.3	4.7	6.7	5.7
HERALD	6.7	4.7	5.0	4.7	6.7	5.5
WW RS 143	6.0	4.3	5.0	3.7	6.3	5.1
LSD VALUE	0.9	0.7	0.9	1.3	0.5	0.4

TABLE 4C. GENETIC COLOR RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	ID2	NE1	OR9	PA1	PA2	MEAN
MARKER	7.3	6.0	7.7	9.0	7.7	7.5
FRT-30149	7.0	5.7	5.0	7.0	7.0	6.3
BARCROWN	6.7	4.7	5.7	7.7	6.7	6.3
NAPOLI (LD 3488)	6.7	5.0	5.3	7.3	7.0	6.3
BARSKOL (BAR FR 9P)	6.7	4.7	5.3	7.0	7.0	6.1
DAWSON	6.7	5.3	5.0	7.0	6.7	6.1
HF 138	6.3	6.0	5.3	5.0	6.7	5.9
SMIRNA (ZW 42-160)	6.3	4.3	5.0	6.3	.	5.5
BARLOTTE	6.3	4.7	4.7	3.7	6.0	5.1
COMFORT (HF 102)	5.3	4.7	5.0	4.3	6.0	5.1
LSD VALUE	1.0	0.9	0.7	1.1	0.6	0.4

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).

TABLE 4D. GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	ID2	NE1	OR9	PA1	PA2	MEAN
BARLANDER (BAR FR 9F)	7.0	6.7	5.7	7.7	8.0	7.0
ERG 1143	7.0	5.7	5.7	7.0	7.7	6.6
89.LKR	.	5.7	6.0	6.7	7.7	6.5
LONGFELLOW	7.0	5.7	6.0	6.3	7.3	6.5
DOVER (NK 82492)	6.3	6.0	6.3	6.7	7.0	6.5
BRIDGEPORT (N-105)	6.7	5.7	6.0	6.3	7.3	6.4
PST-4CD	7.0	5.7	5.7	6.3	7.3	6.4
OPI 89-200	7.0	6.0	5.3	6.3	7.3	6.4
RAYMOND	6.7	5.7	5.7	6.0	7.7	6.3
SHADOW W/ENDO. (PST-SHE)	7.0	5.3	5.3	6.3	7.7	6.3
BANNER	6.7	6.0	5.7	5.7	7.3	6.3
BARGREEN	6.7	6.0	5.7	5.7	7.3	6.3
MOLINDA	6.3	6.0	5.7	5.7	7.7	6.3
PST-4FE	6.7	5.7	5.3	6.0	7.7	6.3
MARY	6.7	6.3	5.0	6.0	7.3	6.3
SHADOW	7.0	6.0	5.3	5.3	7.7	6.3
SCARLET	6.0	6.0	5.0	6.0	8.0	6.2
TROPHY (ESTORIL)	6.7	5.3	5.7	6.0	7.0	6.1
ATLANTA	6.3	5.7	5.0	6.3	7.3	6.1
JAMESTOWN	6.7	6.0	5.3	5.3	7.3	6.1
CAPITOL	6.3	5.7	5.0	5.7	7.7	6.1
WILMA	6.0	5.7	5.0	6.7	7.0	6.1
ENJOY	6.3	5.7	5.7	5.3	7.3	6.1
WALDORF	6.7	5.3	5.0	6.3	7.0	6.1
RAINBOW	6.3	5.0	5.0	6.0	7.7	6.0
SR 5000	6.7	5.3	5.7	5.0	7.3	6.0
PROFORMER (JMB-89)	6.0	5.3	5.3	6.0	7.0	5.9
JAMESTOWN II	6.0	5.7	5.3	5.3	7.0	5.9
SOUTHPORT	6.0	5.7	5.0	5.3	7.3	5.9
KOKET	5.7	5.7	5.0	5.0	7.3	5.7
PUMA	6.0	5.7	5.3	4.0	7.7	5.7
SIMONE (LD 3485)	6.0	5.3	5.0	5.0	7.3	5.7
CAMARO	5.0	5.7	5.0	5.0	7.3	5.6
BARNICA	5.3	5.0	5.0	4.7	7.7	5.5
FERNANDO (HF 112)	5.3	5.0	5.0	4.3	7.0	5.3
EPSOM	5.3	4.3	5.0	5.0	.	4.9
LSD VALUE	1.0	0.9	0.9	1.0	0.8	0.4

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).

TABLE 4E. GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	ID2	NE1	OR9	PA1	PA2	MEAN
ATTILA	7.3	6.0	6.3	7.7	7.3	6.9
VALDA	7.0	6.0	6.0	7.3	7.7	6.8
BARREPP0	6.3	6.0	5.3	7.7	8.3	6.7
PST-4HD	7.3	5.7	6.3	6.7	7.7	6.7
SR 3000	7.0	6.0	6.7	6.3	7.7	6.7
SR 3100 (SRX 89-31)	7.0	5.7	6.3	6.0	8.0	6.6
AURORA W/ENDO. (PST-AUE)	7.0	6.0	6.0	6.3	7.3	6.5
SCALDIS	7.0	6.0	6.0	6.0	7.7	6.5
SERRA	7.0	6.7	6.3	5.0	7.7	6.5
SILVANA	6.7	6.0	6.3	6.0	7.7	6.5
AURORA	6.7	6.3	5.7	6.3	7.3	6.5
RELIANT-W/ ENDOPHYTE	6.3	6.0	6.0	6.0	8.0	6.5
RELIANT-NO ENDOPHYTE	7.3	5.0	5.7	6.0	8.0	6.4
PST-4AG	6.7	5.7	6.0	6.0	7.3	6.3
BAR FO 9A2	6.7	5.7	5.0	6.3	7.7	6.3
BILJART	6.7	5.7	5.3	6.3	7.0	6.2
EUREKA	6.7	5.7	5.7	6.0	7.0	6.2
LSD VALUE	0.9	0.8	0.9	1.0	1.0	0.4

TABLE 4F. GENETIC COLOR RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	ID2	NE1	OR9	PA1	PA2	MEAN
BIGHORN	7.0	6.3	6.3	6.7	8.0	6.9
MX 86	6.3	5.7	6.3	6.3	7.3	6.4
LSD VALUE	0.7	0.9	0.9	0.9	0.7	0.4

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).

TABLE 5A. SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
OFI 89-200	8.3	9.0	7.3	8.2
TROPHY (ESTORIL)	9.0	8.0	7.3	8.1
CAMARO	7.7	8.7	7.3	7.9
MOLINDA	7.7	8.7	7.3	7.9
RAYMOND	7.7	8.7	7.3	7.9
BARGREEN	6.3	8.7	8.3	7.8
ENJOY	9.0	7.3	7.0	7.8
SCARLET	7.7	8.3	7.3	7.8
RAINBOW	7.7	8.3	7.0	7.7
SHADOW	7.7	8.0	7.3	7.7
BRIDGEPORT (N-105)	7.7	7.7	7.0	7.4
SHADOW W/ENDO. (PST-SHE)	7.7	7.7	7.0	7.4
SOUTHPORT	7.7	8.0	6.3	7.3
MARY	7.7	7.0	7.0	7.2
SR 5000	7.7	7.7	6.3	7.2
DOVER (NK 82492)	6.3	8.3	6.7	7.1
PUMA	5.0	8.3	8.0	7.1
SALEM	7.0	7.7	6.7	7.1
ATLANTA	7.0	7.3	7.0	7.1
BARNICA	3.7	9.0	8.7	7.1
BARREPPPO	7.0	8.0	6.3	7.1
FLYER	5.7	8.3	7.3	7.1
MARKER	9.0	5.3	7.0	7.1
PST-43F	5.7	8.7	7.0	7.1
PST-4CD	7.0	7.0	7.3	7.1
CAPITOL	6.3	7.7	7.0	7.0
JAMESTOWN II	7.0	7.7	6.3	7.0
WW RS 130	5.0	9.0	7.0	7.0
BARGENA	5.0	8.0	7.7	6.9
FRANKLIN	5.0	9.0	6.7	6.9
HERALD	5.0	8.0	7.7	6.9
PST-4C8	5.0	8.3	7.3	6.9
BANNER	6.3	7.3	7.0	6.9
FRT-30149	6.3	7.0	7.3	6.9
PST-4NI	6.3	8.0	6.3	6.9
ATTLA	7.0	6.7	6.7	6.8
ENSYLVA	5.0	7.7	7.7	6.8
EPSOM	5.0	8.3	7.0	6.8
PST-4FE	6.3	7.3	6.7	6.8
CINDY	4.3	7.7	8.0	6.7
COMFORT (HF 102)	3.0	8.0	9.0	6.7
FERNANDO (HF 112)	4.3	8.3	7.3	6.7
LONGFELLOW	5.0	8.3	6.7	6.7
KOKET	5.0	7.7	7.0	6.6
NAPOLI (LD 3488)	7.7	6.0	6.0	6.6
PST-4R3	5.0	7.7	7.0	6.6
SHADEMASTER	5.0	7.7	7.0	6.6
SMIRNA (ZW 42-160)	5.7	7.0	7.0	6.6
WILMA	5.0	7.7	7.0	6.6
BOREAL	5.0	7.7	6.7	6.4

SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	ID2	PA1	UB1	MEAN
HF 138	5.0	6.7	7.7	6.4
BARLANDER (BAR FR 9F)	7.0	7.3	5.0	6.4
ERG 1143	9.0	6.0	4.3	6.4
PROFORMER (JMB-89)	5.0	7.3	7.0	6.4
SR 3100 (SRX 89-31)	7.0	7.0	5.3	6.4
WALDORF	6.3	7.7	5.3	6.4
BRIGADE (MELODY)	6.3	7.3	5.3	6.3
DAWSON	5.0	7.3	6.7	6.3
PST-4AG	7.0	5.7	6.3	6.3
RELIANT-W/ ENDOPHYTE	7.0	5.7	6.3	6.3
REVERE (NK 88001)	5.7	7.3	6.0	6.3
SUNSET (ZW 42-158)	5.0	7.0	7.0	6.3
VISTA	4.3	7.7	7.0	6.3
WW RS 143	3.7	8.3	7.0	6.3
BAR FO 9A2	5.7	6.0	7.0	6.2
BARIM (BAR FR8RC3)	4.3	7.7	6.7	6.2
ELANOR	5.0	7.0	6.7	6.2
EUREKA	7.0	6.7	5.0	6.2
CLAUDIA	5.0	7.3	6.3	6.2
SERRA	6.3	6.0	6.3	6.2
BELVEDERE	5.7	7.0	5.7	6.1
JASPER	3.7	7.7	7.0	6.1
BARLOTTE	3.0	7.3	8.0	6.1
JAMESTOWN	4.3	7.3	6.7	6.1
MX 86	7.0	8.0	3.3	6.1
SYLVESTER	3.7	7.7	6.7	6.0
WARWICK	.	.	6.0	6.0
PST-4HD	7.0	4.7	6.0	5.9
SCALDIS	4.3	6.7	6.7	5.9
VALDA	6.3	6.7	4.7	5.9
WW RS 138	3.0	7.7	7.0	5.9
AURORA	6.3	6.0	5.3	5.9
AURORA W/ENDO. (PST-AUE)	6.3	6.0	5.3	5.9
TALUS (LD 3438)	6.3	6.0	5.0	5.8
BILJART	5.7	5.7	5.3	5.6
SIMONE (LD 3485)	4.3	6.7	5.7	5.6
SR 3000	7.0	4.7	5.0	5.6
BARCROWN	4.3	6.3	6.0	5.6
COLLO (LD 3414)	6.3	6.3	4.0	5.6
SILVANA	7.0	4.3	5.3	5.6
RELIANT-NO ENDOPHYTE	5.0	6.0	5.3	5.4
89.LKR	.	4.3	6.3	5.3
BIGHORN	7.0	6.0	3.0	5.3
BARSKOL (BAR FR 9P)	3.7	5.3	6.7	5.2
LSD VALUE	2.6	1.6	1.1	1.1

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

TABLE 5B. SPRING GREENUP RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
SALEM	7.0	7.7	6.7	7.1
FLYER	5.7	8.3	7.3	7.1
PST-43F	5.7	8.7	7.0	7.1
WW RS 130	5.0	9.0	7.0	7.0
BARGENA	5.0	8.0	7.7	6.9
FRANKLIN	5.0	9.0	6.7	6.9
HERALD	5.0	8.0	7.7	6.9
PST-4C8	5.0	8.3	7.3	6.9
PST-4NI	6.3	8.0	6.3	6.9
ENSYLVA	5.0	7.7	7.7	6.8
CINDY	4.3	7.7	8.0	6.7
PST-4R3	5.0	7.7	7.0	6.6
SHADEMASTER	5.0	7.7	7.0	6.6
BOREAL	5.0	7.7	6.7	6.4
REVERE (NK 88001)	5.7	7.3	6.0	6.3
SUNSET (ZW 42-158)	5.0	7.0	7.0	6.3
VISTA	4.3	7.7	7.0	6.3
WW RS 143	3.7	8.3	7.0	6.3
BARIM (BAR FR8RC3)	4.3	7.7	6.7	6.2
ELANOR	5.0	7.0	6.7	6.2
CLAUDIA	5.0	7.3	6.3	6.2
BELVEDERE	5.7	7.0	5.7	6.1
JASPER	3.7	7.7	7.0	6.1
SYLVESTER	3.7	7.7	6.7	6.0
WW RS 138	3.0	7.7	7.0	5.9
TALUS (LD 3438)	6.3	6.0	5.0	5.8
COLLO (LD 3414)	6.3	6.3	4.0	5.6
LSD VALUE	2.8	1.6	1.0	1.1

TABLE 5C. SPRING GREENUP RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
MARKER	9.0	5.3	7.0	7.1
FRT-30149	6.3	7.0	7.3	6.9
COMFORT (HF 102)	3.0	8.0	9.0	6.7
NAPOLI (LD 3488)	7.7	6.0	6.0	6.6
SMIRNA (ZW 42-160)	5.7	7.0	7.0	6.6
HF 138	5.0	6.7	7.7	6.4
DAWSON	5.0	7.3	6.7	6.3
BARLOTTE	3.0	7.3	8.0	6.1
BARCROWN	4.3	6.3	6.0	5.6
BARSKOL (BAR FR 9P)	3.7	5.3	6.7	5.2
LSD VALUE	2.6	1.4	1.1	1.1

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).

TABLE 5D. SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
OFI 89-200	8.3	9.0	7.3	8.2
TROPHY (ESTORIL)	9.0	8.0	7.3	8.1
CAMARO	7.7	8.7	7.3	7.9
MOLINDA	7.7	8.7	7.3	7.9
RAYMOND	7.7	8.7	7.3	7.9
BARGREEN	6.3	8.7	8.3	7.8
ENJOY	9.0	7.3	7.0	7.8
SCARLET	7.7	8.3	7.3	7.8
RAINBOW	7.7	8.3	7.0	7.7
SHADOW	7.7	8.0	7.3	7.7
BRIDGEPORT (N-105)	7.7	7.7	7.0	7.4
SHADOW W/ENDO. (PST-SHE)	7.7	7.7	7.0	7.4
SOUTHPORT	7.7	8.0	6.3	7.3
MARY	7.7	7.0	7.0	7.2
SR 5000	7.7	7.7	6.3	7.2
DOVER (NK 82492)	6.3	8.3	6.7	7.1
PUMA	5.0	8.3	8.0	7.1
ATLANTA	7.0	7.3	7.0	7.1
BARNICA	3.7	9.0	8.7	7.1
PST-4CD	7.0	7.0	7.3	7.1
CAPITOL	6.3	7.7	7.0	7.0
JAMESTOWN II	7.0	7.7	6.3	7.0
BANNER	6.3	7.3	7.0	6.9
EPSOM	5.0	8.3	7.0	6.8
PST-4FE	6.3	7.3	6.7	6.8
FERNANDO (HF 112)	4.3	8.3	7.3	6.7
LONGFELLOW	5.0	8.3	6.7	6.7
KOKET	5.0	7.7	7.0	6.6
WILMA	5.0	7.7	7.0	6.6
BARLANDER (BAR FR 9F)	7.0	7.3	5.0	6.4
ERG 1143	9.0	6.0	4.3	6.4
PROFORMER (JMB-89)	5.0	7.3	7.0	6.4
WALDORF	6.3	7.7	5.3	6.4
JAMESTOWN	4.3	7.3	6.7	6.1
SIMONE (LD 3485)	4.3	6.7	5.7	5.6
89.LKR	.	4.3	6.3	5.3
LSD VALUE	2.8	1.6	1.1	1.1

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).

TABLE 5E. SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
BARREPPPO	7.0	8.0	6.3	7.1
ATTILA	7.0	6.7	6.7	6.8
SR 3100 (SRX 89-31)	7.0	7.0	5.3	6.4
PST-4AG	7.0	5.7	6.3	6.3
RELIANT-W/ ENDOPHYTE	7.0	5.7	6.3	6.3
BAR FO 9A2	5.7	6.0	7.0	6.2
EUREKA	7.0	6.7	5.0	6.2
SERRA	6.3	6.0	6.3	6.2
WARWICK	.	.	6.0	6.0
PST-4HD	7.0	4.7	6.0	5.9
SCALDIS	4.3	6.7	6.7	5.9
VALDA	6.3	6.7	4.7	5.9
AURORA	6.3	6.0	5.3	5.9
AURORA W/ENDO. (PST-AUE)	6.3	6.0	5.3	5.9
BILJART	5.7	5.7	5.3	5.6
SR 3000	7.0	4.7	5.0	5.6
SILVANA	7.0	4.3	5.3	5.6
RELIANT-NO ENDOPHYTE	5.0	6.0	5.3	5.4
LSD VALUE	1.8	1.6	1.4	1.0

TABLE 5F. SPRING GREENUP RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	UB1	MEAN
MX 86	7	8.0	3.3	6.1
BIGHORN	7	6.0	3.0	5.3
LSD VALUE	0	1.6	1.3	0.7

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).

TABLE 6A. SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	MD1	MN1	PA1	SK1	MEAN
BARGENA	4.7	8.0	8.7	4.7	6.5
WW RS 138	4.3	7.7	8.3	5.3	6.4
WW RS 143	5.0	7.7	7.7	5.3	6.4
ENSYLVA	4.3	8.0	9.0	4.3	6.4
HERALD	4.3	7.0	8.7	5.3	6.3
CINDY	5.0	7.0	6.7	6.0	6.2
BARLOTTE	4.3	7.0	7.0	6.3	6.2
SUNSET (ZW 42-158)	4.7	7.3	7.3	5.3	6.2
BOREAL	5.0	6.7	7.7	5.0	6.1
SHADEMASTER	4.0	7.0	7.7	5.3	6.0
CLAUDIA	4.0	7.0	8.0	4.7	5.9
PST-4NI	4.3	6.3	7.0	6.0	5.9
JASPER	4.3	6.5	6.7	6.0	5.9
SHADOW	4.7	6.0	7.7	4.7	5.8
BELVEDERE	4.0	6.7	6.7	5.3	5.7
CAPITOL	5.7	5.3	6.0	5.7	5.7
VISTA	5.0	6.3	6.3	5.0	5.7
COLLO (LD 3414)	4.7	6.0	6.7	5.0	5.6
BARIM (BAR FR8RC3)	4.0	6.3	7.0	5.0	5.6
COMFORT (HF 102)	4.3	7.0	5.7	5.3	5.6
PST-4CD	5.3	5.3	6.0	5.7	5.6
MARY	5.0	5.7	5.7	5.7	5.5
ENJOY	5.3	5.3	6.3	5.0	5.5
SR 5000	4.3	5.3	6.7	5.7	5.5
ELANOR	4.3	6.3	6.3	4.7	5.4
JAMESTOWN II	4.0	6.0	5.7	6.0	5.4
NAPOLI (LD 3488)	5.0	5.7	6.0	5.0	5.4
PST-43F	4.3	6.3	5.3	5.7	5.4
PUMA	4.0	5.7	7.0	5.0	5.4
REVERE (NK 88001)	3.7	6.3	6.0	5.7	5.4
SCARLET	4.3	5.7	6.0	5.7	5.4
TROPHY (ESTORIL)	5.0	5.7	5.3	5.7	5.4
PST-4R3	4.0	6.3	6.3	5.0	5.4
SALEM	4.3	6.0	6.3	5.0	5.4
FLYER	4.3	6.7	5.7	4.7	5.3
SMIRNA (ZW 42-160)	4.0	6.0	5.7	5.7	5.3
SOUTHPORT	4.3	5.7	5.7	5.7	5.3
FERNANDO (HF 112)	4.3	5.7	6.0	5.3	5.3
PST-4C8	4.0	6.0	6.0	5.3	5.3
BRIDGEPORT (N-105)	4.3	5.3	5.7	5.7	5.3
CAMARO	4.3	6.0	5.0	5.7	5.3
HF 138	4.0	6.0	5.3	5.7	5.3
JAMESTOWN	4.0	6.0	5.7	5.3	5.3
PROFORMER (JMB-89)	4.7	5.3	5.3	5.7	5.3
SIMONE (LD 3485)	4.0	5.7	6.3	5.0	5.3
BARNICA	4.0	5.3	6.3	5.3	5.3
BANNER	4.3	5.7	6.0	4.7	5.2
PST-4FE	4.7	5.7	5.0	5.3	5.2
BARSKOL (BAR FR 9P)	4.3	5.7	5.3	5.3	5.2
RAINBOW	3.3	5.3	6.0	6.0	5.2

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	MD1	MN1	PA1	SK1	MEAN
RAYMOND	4.0	5.3	6.0	5.3	5.2
TALUS (LD 3438)	4.3	5.0	7.0	4.3	5.2
WILMA	4.3	5.3	5.7	5.3	5.2
EPSOM	4.0	5.0	6.0	5.3	5.1
MARKEE	4.7	5.0	4.7	5.7	5.0
FRANKLIN	4.0	6.7	4.7	4.3	4.9
FRT-30149	4.0	5.0	4.7	6.0	4.9
MOLINDA	4.0	5.7	5.7	4.3	4.9
WW RS 130	3.7	7.3	3.3	5.3	4.9
SHADOW W/ENDO. (PST-SHE)	3.7	5.7	5.0	5.0	4.8
BARCROWN	4.3	4.7	4.7	5.3	4.8
BARGREEN	4.0	5.0	4.7	5.3	4.8
BARLANDER (BAR ER 9F)	4.0	4.7	5.0	5.3	4.8
LONGFELLOW	4.0	5.3	4.7	5.0	4.8
OFI 89-200	4.3	4.7	4.7	5.0	4.7
MX 86	4.0	6.3	3.0	5.3	4.7
WALDORF	4.3	4.7	4.3	5.3	4.7
DOVER (NK 82492)	4.0	5.0	3.7	5.3	4.5
ERG 1143	4.0	4.3	4.7	5.0	4.5
SYLVESTER	2.0	6.3	5.3	4.3	4.5
ATLANTA	4.0	5.0	4.0	4.7	4.4
SERRA	4.7	5.0	2.7	5.3	4.4
KOKET	3.3	5.3	4.0	4.7	4.3
SR 3000	4.0	5.3	2.3	5.3	4.3
PST-4HD	4.3	4.3	3.3	4.7	4.2
BRIGADE (MELODY)	4.0	5.3	3.0	4.3	4.2
EUREKA	3.7	5.3	2.3	5.0	4.1
PST-4AG	4.0	5.7	2.0	4.7	4.1
RELIANT-NO ENDOPHYTE	3.7	5.3	2.7	4.7	4.1
RELIANT-W/ ENDOPHYTE	3.7	5.3	2.7	4.7	4.1
SCALDIS	4.3	5.7	2.0	4.3	4.1
SILVANA	4.0	5.3	2.3	4.7	4.1
AURORA	4.7	4.7	2.0	4.7	4.0
DAWSON	2.7	6.3	2.7	4.3	4.0
SR 3100 (SRX 89-31)	4.3	4.0	3.0	4.7	4.0
BAR FO 9A2	4.0	4.7	2.7	4.3	3.9
VALDA	4.0	4.7	2.3	4.7	3.9
AURORA W/ENDO. (PST-AUE)	3.7	5.0	2.0	4.7	3.8
BIGHORN	3.3	4.3	2.3	5.3	3.8
ATTILA	4.0	4.3	2.0	4.7	3.8
BILJART	3.7	4.3	2.3	4.7	3.8
WARWICK	3.7	.	.	.	3.7
89.LKR	5.0	.	2.0	.	3.5
BARREPPPO	3.0	4.3	1.3	3.7	3.1

LSD VALUE 1.3 0.9 1.7 1.1 0.7
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).

TABLE 6B. SEEDLING VIGOR RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/					
NAME	MD1	MN1	PA1	SK1	MEAN
BARGENA	4.7	8.0	8.7	4.7	6.5
WW RS 138	4.3	7.7	8.3	5.3	6.4
WW RS 143	5.0	7.7	7.7	5.3	6.4
ENSYLVA	4.3	8.0	9.0	4.3	6.4
HERALD	4.3	7.0	8.7	5.3	6.3
CINDY	5.0	7.0	6.7	6.0	6.2
SUNSET (ZW 42-158)	4.7	7.3	7.3	5.3	6.2
BOREAL	5.0	6.7	7.7	5.0	6.1
SHADEMASTER	4.0	7.0	7.7	5.3	6.0
CLAUDIA	4.0	7.0	8.0	4.7	5.9
PST-4NI	4.3	6.3	7.0	6.0	5.9
JASPER	4.3	6.5	6.7	6.0	5.9
BELVEDERE	4.0	6.7	6.7	5.3	5.7
VISTA	5.0	6.3	6.3	5.0	5.7
COLLO (LD 3414)	4.7	6.0	6.7	5.0	5.6
BARIM (BAR FR8RC3)	4.0	6.3	7.0	5.0	5.6
ELANOR	4.3	6.3	6.3	4.7	5.4
PST-43F	4.3	6.3	5.3	5.7	5.4
REVERE (NK 88001)	3.7	6.3	6.0	5.7	5.4
PST-4R3	4.0	6.3	6.3	5.0	5.4
SALEM	4.3	6.0	6.3	5.0	5.4
FLYER	4.3	6.7	5.7	4.7	5.3
PST-4C8	4.0	6.0	6.0	5.3	5.3
TALUS (LD 3438)	4.3	5.0	7.0	4.3	5.2
FRANKLIN	4.0	6.7	4.7	4.3	4.9
WW RS 130	3.7	7.3	3.3	5.3	4.9
SYLVESTER	2.0	6.3	5.3	4.3	4.5
LSD VALUE	1.2	0.9	2.2	1.0	0.7

TABLE 6C. SEEDLING VIGOR RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/					
NAME	MD1	MN1	PA1	SK1	MEAN
BARLOTTE	4.3	7.0	7.0	6.3	6.2
COMFORT (HF 102)	4.3	7.0	5.7	5.3	5.6
NAPOLI (LD 3488)	5.0	5.7	6.0	5.0	5.4
SMIRNA (ZW 42-160)	4.0	6.0	5.7	5.7	5.3
HF 138	4.0	6.0	5.3	5.7	5.3
BARSKOL (BAR FR 9P)	4.3	5.7	5.3	5.3	5.2
MARKER	4.7	5.0	4.7	5.7	5.0
FRT-30149	4.0	5.0	4.7	6.0	4.9
BARCROWN	4.3	4.7	4.7	5.3	4.8
DAWSON	2.7	6.3	2.7	4.3	4.0
LSD VALUE	1.5	1.1	1.2	1.0	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 6D. SEEDLING VIGOR RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/					
NAME	MD1	MN1	PA1	SK1	MEAN
SHADOW	4.7	6.0	7.7	4.7	5.8
CAPITOL	5.7	5.3	6.0	5.7	5.7
PST-4CD	5.3	5.3	6.0	5.7	5.6
MARY	5.0	5.7	5.7	5.7	5.5
ENJOY	5.3	5.3	6.3	5.0	5.5
SR 5000	4.3	5.3	6.7	5.7	5.5
JAMESTOWN II	4.0	6.0	5.7	6.0	5.4
PUMA	4.0	5.7	7.0	5.0	5.4
SCARLET	4.3	5.7	6.0	5.7	5.4
TROPHY (ESTORIL)	5.0	5.7	5.3	5.7	5.4
SOUTHPORT	4.3	5.7	5.7	5.7	5.3
FERNANDO (HF 112)	4.3	5.7	6.0	5.3	5.3
BRIDGEPORT (N-105)	4.3	5.3	5.7	5.7	5.3
CAMARO	4.3	6.0	5.0	5.7	5.3
JAMESTOWN	4.0	6.0	5.7	5.3	5.3
PROFORMER (JMB-89)	4.7	5.3	5.3	5.7	5.3
SIMONE (LD 3485)	4.0	5.7	6.3	5.0	5.3
BARNICA	4.0	5.3	6.3	5.3	5.3
BANNER	4.3	5.7	6.0	4.7	5.2
PST-4FE	4.7	5.7	5.0	5.3	5.2
RAINBOW	3.3	5.3	6.0	6.0	5.2
RAYMOND	4.0	5.3	6.0	5.3	5.2
WILMA	4.3	5.3	5.7	5.3	5.2
EPSOM	4.0	5.0	6.0	5.3	5.1
MOLINDA	4.0	5.7	5.7	4.3	4.9
SHADOW W/ENDO. (PST-SHE)	3.7	5.7	5.0	5.0	4.8
BARGREEN	4.0	5.0	4.7	5.3	4.8
BARLANDER (BAR FR 9F)	4.0	4.7	5.0	5.3	4.8
LONGFELLOW	4.0	5.3	4.7	5.0	4.8
OFI 89-200	4.3	4.7	4.7	5.0	4.7
WALDORF	4.3	4.7	4.3	5.3	4.7
DOVER (NK 82492)	4.0	5.0	3.7	5.3	4.5
ERG 1143	4.0	4.3	4.7	5.0	4.5
ATLANTA	4.0	5.0	4.0	4.7	4.4
KOKET	3.3	5.3	4.0	4.7	4.3
89.LKR	5.0	.	2.0	.	3.5
LSD VALUE	1.3	1.0	1.6	1.3	0.7

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).

TABLE 6E. SEEDLING VIGOR RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/					
NAME	MD1	MN1	PA1	SK1	MEAN
SERRA	4.7	5.0	2.7	5.3	4.4
SR 3000	4.0	5.3	2.3	5.3	4.3
PST-4HD	4.3	4.3	3.3	4.7	4.2
EUREKA	3.7	5.3	2.3	5.0	4.1
PST-4AG	4.0	5.7	2.0	4.7	4.1
RELIANT-NO ENDOEPHYTE	3.7	5.3	2.7	4.7	4.1
RELIANT-W/ ENDOEPHYTE	3.7	5.3	2.7	4.7	4.1
SCALDIS	4.3	5.7	2.0	4.3	4.1
SILVANA	4.0	5.3	2.3	4.7	4.1
AURORA	4.7	4.7	2.0	4.7	4.0
SR 3100 (SRX 89-31)	4.3	4.0	3.0	4.7	4.0
BAR FO 9A2	4.0	4.7	2.7	4.3	3.9
VALDA	4.0	4.7	2.3	4.7	3.9
AURORA W/ENDO. (PST-AUE)	3.7	5.0	2.0	4.7	3.8
ATTILA	4.0	4.3	2.0	4.7	3.8
BILJART	3.7	4.3	2.3	4.7	3.8
WARWICK	3.7	.	.	.	3.7
BARREPP0	3.0	4.3	1.3	3.7	3.1
LSD VALUE	1.3	0.9	1.2	0.9	0.6

TABLE 6F. SEEDLING VIGOR RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/					
NAME	MD1	MN1	PA1	SK1	MEAN
MX 86	4.0	6.3	3.0	5.3	4.7
BIGHORN	3.3	4.3	2.3	5.3	3.8
LSD VALUE	0.7	0.9	0.7	0.9	0.4

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).

TABLE 7A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BARNICA	8.0	8.0
ENJOY	8.0	8.0
WALDORF	8.0	8.0
BARGREEN	7.7	7.7
PST-4CD	7.7	7.7
SCARLET	7.7	7.7
SMIRNA (ZW 42-160)	7.7	7.7
WILMA	7.7	7.7
ATLANTA	7.3	7.3
BARLANDER (BAR FR 9F)	7.3	7.3
BARSKOL (BAR FR 9P)	7.3	7.3
CAPITOL	7.3	7.3
COMFORT (HF 102)	7.3	7.3
FERNANDO (HF 112)	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
PUMA	7.3	7.3
RAINBOW	7.3	7.3
RAYMOND	7.3	7.3
SHADOW W/ENDO. (PST-SHE)	7.3	7.3
SIMONE (LD 3485)	7.3	7.3
SR 5000	7.3	7.3
BANNER	7.0	7.0
BARCROWN	7.0	7.0
BILJART	7.0	7.0
BRIDGEPORT (N-105)	7.0	7.0
BRIGADE (MELODY)	7.0	7.0
CAMARO	7.0	7.0
DAWSON	7.0	7.0
DOVER (NK 82492)	7.0	7.0
ELANOR	7.0	7.0
FRT-30149	7.0	7.0
HF 138	7.0	7.0
JAMESTOWN II	7.0	7.0
KOKET	7.0	7.0
LONGFELLOW	7.0	7.0
MARY	7.0	7.0
MOLINDA	7.0	7.0
PROFORMER (JMB-89)	7.0	7.0
PST-4FE	7.0	7.0
REVERE (NK 88001)	7.0	7.0
SHADOW	7.0	7.0
SOUTHPORT	7.0	7.0
TALUS (LD 3438)	7.0	7.0
TROPHY (ESTORIL)	7.0	7.0
AURORA W/ENDO. (PST-AUE)	6.7	6.7
BAR FO 9A2	6.7	6.7
BARGENA	6.7	6.7
CINDY	6.7	6.7
CLAUDIA	6.7	6.7
ENSYLVA	6.7	6.7

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	ID2	MEAN
EPSOM	6.7	6.7
ERG 1143	6.7	6.7
EUREKA	6.7	6.7
JAMESTOWN	6.7	6.7
OFI 89-200	6.7	6.7
PST-43F	6.7	6.7
PST-4AG	6.7	6.7
PST-4HD	6.7	6.7
PST-4NI	6.7	6.7
SALEM	6.7	6.7
SR 3000	6.7	6.7
SR 3100 (SRX 89-31)	6.7	6.7
SUNSET (ZW 42-158)	6.7	6.7
VALDA	6.7	6.7
VISTA	6.7	6.7
WW RS 138	6.7	6.7
ATTILA	6.3	6.3
AURORA	6.3	6.3
BARIM (BAR FR8RC3)	6.3	6.3
BARLOTTE	6.3	6.3
BOREAL	6.3	6.3
FLYER	6.3	6.3
HERALD	6.3	6.3
JASPER	6.3	6.3
MARKER	6.3	6.3
PST-4C8	6.3	6.3
PST-4R3	6.3	6.3
RELIANT-W/ ENDOPHYTE	6.3	6.3
SCALDIS	6.3	6.3
SERRA	6.3	6.3
SYLVESTER	6.3	6.3
WW RS 130	6.3	6.3
WW RS 143	6.3	6.3
BARREPP0	6.0	6.0
BIGHORN	6.0	6.0
COLLO (LD 3414)	6.0	6.0
FRANKLIN	6.0	6.0
RELIANT-NO ENDOPHYTE	6.0	6.0
SHADEMASTER	6.0	6.0
SILVANA	6.0	6.0
BELVEDERE	5.3	5.3
MX 86	4.7	4.7
LSD VALUE	0.9	0.9

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

TABLE 7B. LEAF TEXTURE RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
ELANOR	7.0	7.0
REVERE (NK 88001)	7.0	7.0
TALUS (LD 3438)	7.0	7.0
BARGENA	6.7	6.7
CINDY	6.7	6.7
CLAUDIA	6.7	6.7
ENSYLVA	6.7	6.7
PST-43F	6.7	6.7
PST-4NI	6.7	6.7
SALEM	6.7	6.7
SUNSET (ZW 42-158)	6.7	6.7
VISTA	6.7	6.7
WW RS 138	6.7	6.7
BARIM (BAR FR8RC3)	6.3	6.3
BOREAL	6.3	6.3
FLYER	6.3	6.3
HERALD	6.3	6.3
JASPER	6.3	6.3
PST-4C8	6.3	6.3
PST-4R3	6.3	6.3
SYLVESTER	6.3	6.3
WW RS 130	6.3	6.3
WW RS 143	6.3	6.3
COLLO (LD 3414)	6.0	6.0
FRANKLIN	6.0	6.0
SHADEMASTER	6.0	6.0
BELVEDERE	5.3	5.3
LSD VALUE	1.1	1.1

TABLE 7C. LEAF TEXTURE RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
SMIRNA (ZW 42-160)	7.7	7.7
BARSKOL (BAR FR 9P)	7.3	7.3
COMFORT (HF 102)	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
BARCROWN	7.0	7.0
DAWSON	7.0	7.0
FRT-30149	7.0	7.0
HF 138	7.0	7.0
BARLOTTE	6.3	6.3
MARKER	6.3	6.3
LSD VALUE	0.7	0.7

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).

TABLE 7D. LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BARNICA	8.0	8.0
ENJOY	8.0	8.0
WALDORF	8.0	8.0
BARGREEN	7.7	7.7
PST-4CD	7.7	7.7
SCARLET	7.7	7.7
WILMA	7.7	7.7
ATLANIA	7.3	7.3
BARLANDER (BAR FR 9F)	7.3	7.3
CAPITOL	7.3	7.3
FERNANDO (HF 112)	7.3	7.3
PUMA	7.3	7.3
RAINBOW	7.3	7.3
RAYMOND	7.3	7.3
SHADOW W/ENDO. (PST-SHE)	7.3	7.3
SIMONE (LD 3485)	7.3	7.3
SR 5000	7.3	7.3
BANNER	7.0	7.0
BRIDGEPORT (N-105)	7.0	7.0
CAMARO	7.0	7.0
DOVER (NK 82492)	7.0	7.0
JAMESTOWN II	7.0	7.0
KOKET	7.0	7.0
LONGFELLOW	7.0	7.0
MARY	7.0	7.0
MOLINDA	7.0	7.0
PROFORMER (JMB-89)	7.0	7.0
PST-4FE	7.0	7.0
SHADOW	7.0	7.0
SOUTHPORT	7.0	7.0
TROPHY (ESTORIL)	7.0	7.0
EPSOM	6.7	6.7
ERG 1143	6.7	6.7
JAMESTOWN	6.7	6.7
OFI 89-200	6.7	6.7
LSD VALUE	0.9	0.9

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).

TABLE 7E. LEAF TEXTURE RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BILJART	7.0	7.0
AURORA W/ENDO. (PST-AUE)	6.7	6.7
BAR FO 9A2	6.7	6.7
EUREKA	6.7	6.7
PST-4AG	6.7	6.7
PST-4HD	6.7	6.7
SR 3000	6.7	6.7
SR 3100 (SRX 89-31)	6.7	6.7
VALDA	6.7	6.7
ATTILA	6.3	6.3
AURORA	6.3	6.3
RELIANT-W/ ENDOPHYTE	6.3	6.3
SCALDIS	6.3	6.3
SERRA	6.3	6.3
BARREPPPO	6.0	6.0
RELIANT-NO ENDOPHYTE	6.0	6.0
SILVANA	6.0	6.0
LSD VALUE	1.0	1.0

TABLE 7F. LEAF TEXTURE RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BIGHORN	6.0	6.0
MX 86	4.7	4.7
LSD VALUE	0.7	0.7

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).

TABLE 8A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
MARY	8.0	8.0
PST-4CD	8.0	8.0
SCARLET	8.0	8.0
BARCROWN	7.7	7.7
BARLANDER (BAR FR 9F)	7.7	7.7
BARSKOL (BAR FR 9P)	7.7	7.7
BRIDGEPORT (N-105)	7.7	7.7
CAPITOL	7.7	7.7
ENJOY	7.7	7.7
KOKET	7.7	7.7
RAINBOW	7.7	7.7
BARREPPPO	7.3	7.3
FERNANDO (HF 112)	7.3	7.3
MARKER	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
TROPHY (ESTORIL)	7.3	7.3
BARNICA	7.0	7.0
JASPER	7.0	7.0
OFI 89-200	7.0	7.0
SR 5000	7.0	7.0
BANNER	6.7	6.7
BARGREEN	6.7	6.7
DAWSON	6.7	6.7
EPSOM	6.7	6.7
JAMESTOWN II	6.7	6.7
PST-4C8	6.7	6.7
RAYMOND	6.7	6.7
SHADEMASTER	6.7	6.7
SHADOW W/ENDO. (PST-SHE)	6.7	6.7
SMIRNA (ZW 42-160)	6.7	6.7
SR 3000	6.7	6.7
WALDORF	6.7	6.7
WILMA	6.7	6.7
ATLANTA	6.3	6.3
BARLOTTE	6.3	6.3
COMFORT (HF 102)	6.3	6.3
DOVER (NK 82492)	6.3	6.3
ERG 1143	6.3	6.3
JAMESTOWN	6.3	6.3
PST-43F	6.3	6.3
RELIANT-W/ ENDOPHYTE	6.3	6.3
SHADOW	6.3	6.3
SIMONE (LD 3485)	6.3	6.3
SOUTHPORT	6.3	6.3
BILJART	6.0	6.0
BOREAL	6.0	6.0
CAMARO	6.0	6.0
FRT-30149	6.0	6.0
MOLINDA	6.0	6.0
PST-4FE	6.0	6.0

SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	ID2	MEAN
PUMA	6.0	6.0
RELIANT-NO ENDOPHYTE	6.0	6.0
SALEM	6.0	6.0
TALUS (LD 3438)	6.0	6.0
VISTA	6.0	6.0
AURORA W/ENDO. (PST-AUE)	5.7	5.7
BRIGADE (MELODY)	5.7	5.7
COLLO (LD 3414)	5.7	5.7
ELANOR	5.7	5.7
EUREKA	5.7	5.7
LONGFELLOW	5.7	5.7
PST-4NI	5.7	5.7
PST-4R3	5.7	5.7
SERRA	5.7	5.7
SYLVESTER	5.7	5.7
WW RS 130	5.7	5.7
WW RS 138	5.7	5.7
WW RS 143	5.7	5.7
BAR FO 9A2	5.3	5.3
HERALD	5.3	5.3
HF 138	5.3	5.3
PST-4AG	5.3	5.3
BARGENA	5.0	5.0
BARIM (BAR FR8RC3)	5.0	5.0
CINDY	5.0	5.0
CLAUDIA	5.0	5.0
FLYER	5.0	5.0
PROFORMER (JMB-89)	5.0	5.0
PST-4HD	5.0	5.0
REVERE (NK 88001)	5.0	5.0
SCALDIS	5.0	5.0
SUNSET (ZW 42-158)	5.0	5.0
AURORA	4.7	4.7
SILVANA	4.7	4.7
VALDA	4.7	4.7
ATTILA	4.3	4.3
BELVEDERE	4.3	4.3
BIGHORN	4.3	4.3
SR 3100 (SRX 89-31)	4.3	4.3
ENSYLVA	4.0	4.0
FRANKLIN	4.0	4.0
MX 86	2.7	2.7
LSD VALUE	1.9	1.9

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

TABLE 8B. SPRING DENSITY RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
JASPER	7.0	7.0
PST-4C8	6.7	6.7
SHADEMASTER	6.7	6.7
PST-43F	6.3	6.3
BOREAL	6.0	6.0
SALEM	6.0	6.0
TALUS (LD 3438)	6.0	6.0
VISTA	6.0	6.0
COLLO (LD 3414)	5.7	5.7
ELANOR	5.7	5.7
PST-4NI	5.7	5.7
PST-4R3	5.7	5.7
SYLVESTER	5.7	5.7
WW RS 130	5.7	5.7
WW RS 138	5.7	5.7
WW RS 143	5.7	5.7
HERALD	5.3	5.3
BARGENA	5.0	5.0
BARIM (BAR FR8RC3)	5.0	5.0
CINDY	5.0	5.0
CLAUDIA	5.0	5.0
FLYER	5.0	5.0
REVERE (NK 88001)	5.0	5.0
SUNSET (ZW 42-158)	5.0	5.0
BELVEDERE	4.3	4.3
ENSYLVA	4.0	4.0
FRANKLIN	4.0	4.0
LSD VALUE	2.2	2.2

TABLE 8C. SPRING DENSITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BARCROWN	7.7	7.7
BARSKOL (BAR FR 9P)	7.7	7.7
MARKER	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
DAWSON	6.7	6.7
SMIRNA (ZW 42-160)	6.7	6.7
BARLOTTE	6.3	6.3
COMFORT (HF 102)	6.3	6.3
FRT-30149	6.0	6.0
HF 138	5.3	5.3
LSD VALUE	1.8	1.8

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).

TABLE 8D. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
MARY	8.0	8.0
PST-4CD	8.0	8.0
SCARLET	8.0	8.0
BARLANDER (BAR FR 9F)	7.7	7.7
BRIDGEPORT (N-105)	7.7	7.7
CAPITOL	7.7	7.7
ENJOY	7.7	7.7
KOKET	7.7	7.7
RAINBOW	7.7	7.7
FERNANDO (HF 112)	7.3	7.3
TROPHY (ESTORIL)	7.3	7.3
BARNICA	7.0	7.0
OFI 89-200	7.0	7.0
SR 5000	7.0	7.0
BANNER	6.7	6.7
BARGREEN	6.7	6.7
EPSOM	6.7	6.7
JAMESTOWN II	6.7	6.7
RAYMOND	6.7	6.7
SHADOW W/ENDO. (PST-SHE)	6.7	6.7
WALDORF	6.7	6.7
WILMA	6.7	6.7
ATLANTA	6.3	6.3
DOVER (NK 82492)	6.3	6.3
ERG 1143	6.3	6.3
JAMESTOWN	6.3	6.3
SHADOW	6.3	6.3
SIMONE (LD 3485)	6.3	6.3
SOUTHPORT	6.3	6.3
CAMARO	6.0	6.0
MOLINDA	6.0	6.0
PST-4FE	6.0	6.0
PUMA	6.0	6.0
LONGFELLOW	5.7	5.7
PROFORMER (JMB-89)	5.0	5.0
LSD VALUE	1.7	1.7

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).

TABLE 8E. SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BARREPPPO	7.3	7.3
SR 3000	6.7	6.7
RELIANT-W/ ENDOPHYTE	6.3	6.3
BILJART	6.0	6.0
RELIANT-NO ENDOPHYTE	6.0	6.0
AURORA W/ENDO. (PST-AUE)	5.7	5.7
EUREKA	5.7	5.7
SERRA	5.7	5.7
BAR FO 9A2	5.3	5.3
PST-4AG	5.3	5.3
PST-4HD	5.0	5.0
SCALDIS	5.0	5.0
AURORA	4.7	4.7
SILVANA	4.7	4.7
VALDA	4.7	4.7
ATTILA	4.3	4.3
SR 3100 (SRX 89-31)	4.3	4.3
LSD VALUE	1.8	1.8

TABLE 8F. SPRING DENSITY RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	MEAN
BIGHORN	4.3	4.3
MX 86	2.7	2.7
LSD VALUE	0.9	0.9

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).

TABLE 9A. FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	MEAN
89.LKR	.	8.3	8.3
SR 3000	7.7	8.3	8.0
MARKER	7.7	8.0	7.8
BAR FO 9A2	7.5	8.0	7.8
SMIRNA (ZW 42-160)	8.0	7.3	7.7
ATTILA	6.0	9.0	7.5
EUREKA	6.7	8.3	7.5
CINDY	7.7	7.0	7.3
DAWSON	7.0	7.7	7.3
PST-4CD	7.7	7.0	7.3
SCALDIS	6.0	8.7	7.3
AURORA	6.0	8.3	7.2
NAPOLI (LD 3488)	7.7	6.7	7.2
PST-4AG	6.0	8.3	7.2
PST-4HD	6.0	8.3	7.2
SILVANA	6.0	8.3	7.2
BARCROWN	6.3	8.0	7.2
BARGREEN	7.3	7.0	7.2
BARLANDER (BAR FR 9F)	7.3	7.0	7.2
BARLOTTE	7.3	7.0	7.2
ENJOY	7.3	7.0	7.2
FRT-30149	7.3	7.0	7.2
PST-4FE	7.3	7.0	7.2
SERRA	6.3	8.0	7.2
SR 3100 (SRX 89-31)	7.0	7.3	7.2
VALDA	5.3	9.0	7.2
BARSKOL (BAR FR 9P)	7.3	6.7	7.0
BILJART	6.0	8.0	7.0
CAPITOL	7.0	7.0	7.0
PST-4C8	7.0	7.0	7.0
SALEM	7.3	6.7	7.0
SR 5000	7.0	7.0	7.0
BARNICA	7.0	6.7	6.8
HF 138	6.7	7.0	6.8
JAMESTOWN II	6.7	7.0	6.8
JASPER	7.7	6.0	6.8
MARY	7.0	6.7	6.8
RELIANT-NO ENDOPHYTE	5.7	8.0	6.8
SCARLET	7.7	6.0	6.8
SHADOW W/ENDO. (PST-SHE)	6.7	7.0	6.8
TROPHY (ESTORIL)	7.0	6.7	6.8
BRIGADE (MELODY)	5.0	8.7	6.8
AURORA W/ENDO. (PST-AUE)	5.7	7.7	6.7
BIGHORN	5.7	7.7	6.7
SOUTHPORT	6.7	6.7	6.7
ATLANTA	7.0	6.3	6.7
BRIDGEPORT (N-105)	7.0	6.3	6.7
LONGFELLOW	6.0	7.3	6.7
RAYMOND	7.0	6.3	6.7
WALDORF	6.3	7.0	6.7

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	ID2	PA1	MEAN
WILMA	7.0	6.3	6.7
COMFORT (HF 102)	6.3	6.7	6.5
FERNANDO (HF 112)	7.0	6.0	6.5
MOLINDA	6.7	6.3	6.5
PROFORMER (JMB-89)	6.3	6.7	6.5
RELIANT-W/ ENDOPHYTE	5.0	8.0	6.5
SHADOW	6.3	6.7	6.5
PST-4NI	6.0	6.7	6.3
SIMONE (LD 3485)	7.0	5.7	6.3
TALUS (LD 3438)	7.0	5.7	6.3
WW RS 143	6.7	6.0	6.3
EPSOM	7.3	5.3	6.3
RAINBOW	7.3	5.3	6.3
WW RS 138	6.3	6.3	6.3
DOVER (NK 82492)	6.7	5.7	6.2
HERALD	5.7	6.7	6.2
PUMA	6.7	5.7	6.2
BANNER	6.3	6.0	6.2
JAMESTOWN	6.0	6.3	6.2
OFI 89-200	7.0	5.3	6.2
PST-43F	7.0	5.3	6.2
PST-4R3	7.0	5.3	6.2
SHADEMASTER	6.0	6.3	6.2
CLAUDIA	6.0	6.0	6.0
ERG 1143	6.7	5.3	6.0
KOKET	6.3	5.7	6.0
SUNSET (ZW 42-158)	5.3	6.7	6.0
VISTA	6.7	5.3	6.0
CAMARO	6.0	5.7	5.8
ELANOR	6.7	5.0	5.8
MX 86	4.0	7.7	5.8
BELVEDERE	5.3	6.3	5.8
REVERE (NK 88001)	6.3	5.3	5.8
COLLO (LD 3414)	5.7	5.7	5.7
BARGENA	5.3	6.0	5.7
FLYER	6.0	5.3	5.7
BARIM (BAR FR8RC3)	5.3	5.7	5.5
ENSYLVA	5.0	6.0	5.5
SYLVESTER	6.3	4.7	5.5
WW RS 130	6.0	5.0	5.5
BARREPPPO	4.7	5.7	5.2
BOREAL	4.7	5.3	5.0
FRANKLIN	4.7	4.3	4.5
LSD VALUE	1.3	1.4	0.9

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

TABLE 9B. FALL DENSITY RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	MEAN
CINDY	7.7	7.0	7.3
PST-4C8	7.0	7.0	7.0
SALEM	7.3	6.7	7.0
JASPER	7.7	6.0	6.8
PST-4NI	6.0	6.7	6.3
TALUS (LD 3438)	7.0	5.7	6.3
WW RS 143	6.7	6.0	6.3
WW RS 138	6.3	6.3	6.3
HERALD	5.7	6.7	6.2
PST-43F	7.0	5.3	6.2
PST-4R3	7.0	5.3	6.2
SHADEMASTER	6.0	6.3	6.2
CLAUDIA	6.0	6.0	6.0
SUNSET (ZW 42-158)	5.3	6.7	6.0
VISTA	6.7	5.3	6.0
ELANOR	6.7	5.0	5.8
BELVEDERE	5.3	6.3	5.8
REVERE (NK 88001)	6.3	5.3	5.8
COLLO (LD 3414)	5.7	5.7	5.7
BARGENA	5.3	6.0	5.7
FLYER	6.0	5.3	5.7
BARIM (BAR FR8RC3)	5.3	5.7	5.5
ENSYLVA	5.0	6.0	5.5
SYLVESTER	6.3	4.7	5.5
WW RS 130	6.0	5.0	5.5
BOREAL	4.7	5.3	5.0
FRANKLIN	4.7	4.3	4.5
LSD VALUE	1.1	1.8	1.0

TABLE 9C. FALL DENSITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	MEAN
MARKER	7.7	8.0	7.8
SMIRNA (ZW 42-160)	8.0	7.3	7.7
DAWSON	7.0	7.7	7.3
NAPOLI (LD 3488)	7.7	6.7	7.2
BARCROWN	6.3	8.0	7.2
BARLOTTE	7.3	7.0	7.2
FRT-30149	7.3	7.0	7.2
BARSKOL (BAR FR 9P)	7.3	6.7	7.0
HF 138	6.7	7.0	6.8
COMFORT (HF 102)	6.3	6.7	6.5
LSD VALUE	1.0	0.8	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 9D. FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/			
NAME	ID2	PA1	MEAN
89.LKR	.	8.3	8.3
PST-4CD	7.7	7.0	7.3
BARGREEN	7.3	7.0	7.2
BARLANDER (BAR FR 9F)	7.3	7.0	7.2
ENJOY	7.3	7.0	7.2
PST-4FE	7.3	7.0	7.2
CAPITOL	7.0	7.0	7.0
SR 5000	7.0	7.0	7.0
BARNICA	7.0	6.7	6.8
JAMESTOWN II	6.7	7.0	6.8
MARY	7.0	6.7	6.8
SCARLET	7.7	6.0	6.8
SHADOW W/ENDO. (PST-SHE)	6.7	7.0	6.8
TROPHY (ESTORIL)	7.0	6.7	6.8
SOUTHPORT	6.7	6.7	6.7
ATLANTA	7.0	6.3	6.7
BRIDGEPORT (N-105)	7.0	6.3	6.7
LONGFELLOW	6.0	7.3	6.7
RAYMOND	7.0	6.3	6.7
WALDORF	6.3	7.0	6.7
WILMA	7.0	6.3	6.7
FERNANDO (HF 112)	7.0	6.0	6.5
MOLINDA	6.7	6.3	6.5
PROFORMER (JMB-89)	6.3	6.7	6.5
SHADOW	6.3	6.7	6.5
SIMONE (LD 3485)	7.0	5.7	6.3
EPSOM	7.3	5.3	6.3
RAINBOW	7.3	5.3	6.3
DOVER (NK 82492)	6.7	5.7	6.2
PUMA	6.7	5.7	6.2
BANNER	6.3	6.0	6.2
JAMESTOWN	6.0	6.3	6.2
OFI 89-200	7.0	5.3	6.2
ERG 1143	6.7	5.3	6.0
KOKET	6.3	5.7	6.0
CAMARO	6.0	5.7	5.8
LSD VALUE	1.3	1.4	1.0

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).

TABLE 9E. FALL DENSITY RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	MEAN
SR 3000	7.7	8.3	8.0
BAR FO 9A2	7.5	8.0	7.8
ATILA	6.0	9.0	7.5
EUREKA	6.7	8.3	7.5
SCALDIS	6.0	8.7	7.3
AURORA	6.0	8.3	7.2
PST-4AG	6.0	8.3	7.2
PST-4HD	6.0	8.3	7.2
SILVANA	6.0	8.3	7.2
SERRA	6.3	8.0	7.2
SR 3100 (SRX 89-31)	7.0	7.3	7.2
VALDA	5.3	9.0	7.2
BILJART	6.0	8.0	7.0
RELIANT-NO ENDOPHYTE	5.7	8.0	6.8
AURORA W/ENDO. (PST-AUE)	5.7	7.7	6.7
RELIANT-W/ ENDOPHYTE	5.0	8.0	6.5
BARREPPPO	4.7	5.7	5.2
LSD VALUE	1.6	1.0	0.9

TABLE 9F. FALL DENSITY RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	ID2	PA1	MEAN
BIGHORN	5.7	7.7	6.7
MX 86	4.0	7.7	5.8
LSD VALUE	0.7	0.9	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 10A. PERCENT LIVING GROUND COVER (SPRING)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
MARY	97.7	94.0	95.8
BRIDGEPORT (N-105)	99.0	91.3	95.2
BARSKOL (BAR FR 9F)	96.0	93.0	94.5
SR 5000	94.7	94.0	94.3
BARLANDER (BAR FR 9F)	96.3	92.3	94.3
ENJOY	96.0	92.3	94.2
VISTA	94.3	94.0	94.2
BARGENA	94.7	93.3	94.0
MARKER	97.7	89.0	93.3
PST-4CD	97.7	89.0	93.3
89.LKR	.	93.3	93.3
BOREAL	92.7	93.0	92.8
PST-43F	94.7	90.7	92.7
WALDORF	93.0	92.3	92.7
BARCROWN	91.0	94.0	92.5
DOVER (NK 82492)	91.3	93.3	92.3
WW RS 138	91.3	93.0	92.2
BARLOTTE	88.0	96.0	92.0
ENSYLVA	91.7	91.7	91.7
WW RS 143	88.0	95.0	91.5
JAMESTOWN II	91.0	91.7	91.3
COMFORT (HF 102)	88.0	94.0	91.0
NAPOLI (LD 3488)	93.0	89.0	91.0
BARIM (BAR FR8RC3)	89.3	92.0	90.7
CLAUDIA	88.0	93.3	90.7
JASPER	90.0	91.3	90.7
OFI 89-200	91.3	90.0	90.7
SHADOW W/ENDO. (PST-SHE)	91.3	90.0	90.7
TROPHY (ESTORIL)	89.7	90.7	90.2
SCARLET	91.7	88.3	90.0
MOLINDA	88.0	91.7	89.8
SERRA	85.0	94.0	89.5
SR 3000	85.0	94.0	89.5
BARNICA	86.0	92.3	89.2
CINDY	84.7	93.3	89.0
LONGFELLOW	86.3	91.7	89.0
BANNER	86.3	91.3	88.8
SALEM	88.0	88.3	88.2
REVERE (NK 88001)	81.7	94.0	87.8
ERG 1143	86.3	89.0	87.7
SHADEMASTER	83.0	92.3	87.7
CAMARO	86.0	89.0	87.5
WILMA	84.7	90.0	87.3
SOUTHPORT	86.0	88.3	87.2
SYLVESTER	91.0	83.3	87.2
RAINBOW	83.3	90.7	87.0
WW RS 130	93.3	80.0	86.7
ELANOR	83.0	90.0	86.5
RAYMOND	79.7	92.3	86.0
EUREKA	76.7	95.0	85.8

PERCENT LIVING GROUND COVER (SPRING)
 RATINGS OF FINELEAF FESCUE CULTIVARS
 1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS

NAME	ID2	PA2	MEAN
PST-4FE	89.3	82.3	85.8
PST-4C8	79.7	91.3	85.5
SIMONE (LD 3485)	81.3	89.7	85.5
CAPITOL	76.0	94.0	85.0
BARGREEN	76.3	93.3	84.8
SHADOW	76.3	93.3	84.8
HERALD	78.0	90.7	84.3
FERNANDO (HF 112)	76.3	92.0	84.2
FRT-30149	78.0	88.0	83.0
PUMA	72.7	93.3	83.0
PST-4NI	71.7	93.3	82.5
RELIANT-NO ENDOPHYTE	69.7	95.0	82.3
FLYER	72.7	91.7	82.2
RELIANT-W/ ENDOPHYTE	71.3	92.3	81.8
SILVANA	71.7	91.3	81.5
TALUS (LD 3438)	71.3	91.7	81.5
PST-4R3	72.7	90.0	81.3
JAMESTOWN	68.0	94.0	81.0
COLLO (LD 3414)	76.0	85.7	80.8
HF 138	74.7	86.7	80.7
PROFORMER (JMB-89)	69.7	90.7	80.2
SUNSET (ZW 42-158)	66.3	93.3	79.8
EPSOM	79.7	.	79.7
BILJART	68.3	90.7	79.5
SMIRNA (ZW 42-160)	79.3	.	79.3
KOKET	76.0	81.7	78.8
BRIGADE (MELODY)	65.0	92.3	78.7
VALDA	63.3	93.3	78.3
BELVEDERE	64.7	90.7	77.7
AURORA W/ENDO. (PST-AUE)	68.0	87.3	77.7
SCALDIS	63.3	91.3	77.3
ATLANTA	71.7	81.7	76.7
PST-4AG	55.0	92.3	73.7
BAR FO 9A2	51.7	94.0	72.8
ATTILA	55.0	89.0	72.0
FRANKLIN	48.3	90.7	69.5
SR 3100 (SRX 89-31)	48.3	90.0	69.2
BARREPPPO	90.0	45.0	67.5
BIGHORN	43.3	89.0	66.2
DAWSON	86.0	41.7	63.8
AURORA	31.7	93.0	62.3
MX 86	35.0	89.0	62.0
PST-4HD	26.7	92.3	59.5
LSD VALUE	41.3	9.5	21.6

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

TABLE 10B. PERCENT LIVING GROUND COVER (SPRING)
 RATINGS OF CREEPING RED FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
VISTA	94.3	94.0	94.2
BARGENA	94.7	93.3	94.0
BOREAL	92.7	93.0	92.8
PST-43F	94.7	90.7	92.7
WW RS 138	91.3	93.0	92.2
ENSYLVA	91.7	91.7	91.7
WW RS 143	88.0	95.0	91.5
BARIM (BAR FR8RC3)	89.3	92.0	90.7
CLAUDIA	88.0	93.3	90.7
JASPER	90.0	91.3	90.7
CINDY	84.7	93.3	89.0
SALEM	88.0	88.3	88.2
REVERE (NK 88001)	81.7	94.0	87.8
SHADEMASTER	83.0	92.3	87.7
SYLVESTER	91.0	83.3	87.2
WW RS 130	93.3	80.0	86.7
ELANOR	83.0	90.0	86.5
PST-4C8	79.7	91.3	85.5
HERALD	78.0	90.7	84.3
PST-4NI	71.7	93.3	82.5
FLYER	72.7	91.7	82.2
TALUS (LD 3438)	71.3	91.7	81.5
PST-4R3	72.7	90.0	81.3
COLLO (LD 3414)	76.0	85.7	80.8
SUNSET (ZW 42-158)	66.3	93.3	79.8
BELVEDERE	64.7	90.7	77.7
FRANKLIN	48.3	90.7	69.5
LSD VALUE	42.1	5.8	21.2

TABLE 10C. PERCENT LIVING GROUND COVER (SPRING)
 RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
BARSKOL (BAR FR 9P)	96.0	93.0	94.5
MARKER	97.7	89.0	93.3
BARCROWN	91.0	94.0	92.5
BARLOTIE	88.0	96.0	92.0
COMFORT (HF 102)	88.0	94.0	91.0
NAPOLI (LD 3488)	93.0	89.0	91.0
FRT-30149	78.0	88.0	83.0
HF 138	74.7	86.7	80.7
SMIRNA (ZW 42-160)	79.3	.	79.3
DAWSON	86.0	41.7	63.8
LSD VALUE	32.3	18.5	19.8

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

TABLE 10D. PERCENT LIVING GROUND COVER (SPRING)
RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
MARY	97.7	94.0	95.8
BRIDGEPORT (N-105)	99.0	91.3	95.2
SR 5000	94.7	94.0	94.3
BARLANDER (BAR FR 9F)	96.3	92.3	94.3
ENJOY	96.0	92.3	94.2
PST-4CD	97.7	89.0	93.3
89.LKR	.	93.3	93.3
WALDORF	93.0	92.3	92.7
DOVER (NK 82492)	91.3	93.3	92.3
JAMESTOWN II	91.0	91.7	91.3
OFI 89-200	91.3	90.0	90.7
SHADOW W/ENDO. (PST-SHE)	91.3	90.0	90.7
TROPHY (ESTORIL)	89.7	90.7	90.2
SCARLET	91.7	88.3	90.0
MOLINDA	88.0	91.7	89.8
BARNICA	86.0	92.3	89.2
LONGFELLOW	86.3	91.7	89.0
BANNER	86.3	91.3	88.8
ERG 1143	86.3	89.0	87.7
CAMARO	86.0	89.0	87.5
WILMA	84.7	90.0	87.3
SOUTHPORT	86.0	88.3	87.2
RAINBOW	83.3	90.7	87.0
RAYMOND	79.7	92.3	86.0
PST-4FE	89.3	82.3	85.8
SIMONE (LD 3485)	81.3	89.7	85.5
CAPITOL	76.0	94.0	85.0
BARGREEN	76.3	93.3	84.8
SHADOW	76.3	93.3	84.8
FERNANDO (HF 112)	76.3	92.0	84.2
PUMA	72.7	93.3	83.0
JAMESTOWN	68.0	94.0	81.0
PROFORMER (JMB-89)	69.7	90.7	80.2
EPSOM	79.7	.	79.7
KOKET	76.0	81.7	78.8
ATLANTA	71.7	81.7	76.7
LSD VALUE	36.3	6.3	18.9

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

TABLE 10E. PERCENT LIVING GROUND COVER (SPRING)
RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
SERRA	85.0	94.0	89.5
SR 3000	85.0	94.0	89.5
EUREKA	76.7	95.0	85.8
RELIANT-NO ENDOPHYTE	69.7	95.0	82.3
RELIANT-W/ ENDOPHYTE	71.3	92.3	81.8
SILVANA	71.7	91.3	81.5
BILJART	68.3	90.7	79.5
VALDA	63.3	93.3	78.3
AURORA W/ENDO. (PST-AUE)	68.0	87.3	77.7
SCALDIS	63.3	91.3	77.3
PST-4AG	55.0	92.3	73.7
BAR FO 9A2	51.7	94.0	72.8
ATTILA	55.0	89.0	72.0
SR 3100 (SRX 89-31)	48.3	90.0	69.2
BARREPPPO	90.0	45.0	67.5
AURORA	31.7	93.0	62.3
PST-4HD	26.7	92.3	59.5
LSD VALUE	49.0	12.6	25.3

TABLE 10F. PERCENT LIVING GROUND COVER (SPRING)
RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	ID2	PA2	MEAN
BIGHORN	43.3	89.0	66.2
MX 86	35.0	89.0	62.0
LSD VALUE	55.8	5.8	28.1

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).

TABLE 11A. PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/				
NAME	ID2	PA2	UB1	MEAN
WARWICK	.	.	95.0	95.0
SR 5000	96.0	90.0	95.0	93.7
BRIDGEPORT (N-105)	96.0	86.7	93.0	91.9
PST-4CD	96.0	81.7	93.3	90.3
PROFORMER (JMB-89)	89.7	88.3	91.7	89.9
SERRA	80.0	93.3	96.3	89.9
JAMESTOWN II	89.7	86.7	91.7	89.3
LONGFELLOW	90.0	85.0	91.3	88.8
SHADOW W/ENDO. (PST-SHE)	93.0	85.0	88.3	88.8
SR 3000	73.3	93.3	99.0	88.6
SOUTHPORT	89.7	81.7	91.3	87.6
EUREKA	70.0	91.7	96.3	86.0
BRIGADE (MELODY)	66.7	91.7	99.0	85.8
OFI 89-200	93.0	85.0	78.3	85.4
89.LKR	.	90.0	78.3	84.2
WALDORF	83.3	90.0	78.3	83.9
PST-4AG	63.3	90.0	96.3	83.2
VALDA	60.0	91.7	93.3	81.7
BILJART	70.0	93.3	81.0	81.4
MARY	96.0	93.3	55.0	81.4
SR 3100 (SRX 89-31)	63.3	81.7	97.7	80.9
ENJOY	99.0	90.0	53.3	80.8
PST-4FE	96.0	68.3	73.3	79.2
JAMESTOWN	76.3	93.3	66.7	78.8
ATTILA	60.0	81.7	93.0	78.2
RELIANT-NO ENDOPHYTE	66.7	93.3	74.7	78.2
SILVANA	50.0	91.7	91.3	77.7
BAR FO 9A2	46.7	93.3	90.0	76.7
PST-4HD	40.0	91.7	97.7	76.4
AURORA	46.7	88.3	93.3	76.1
BANNER	89.7	80.0	58.3	76.0
BARGREEN	86.3	91.7	48.3	75.4
COMFORT (HF 102)	89.7	88.3	48.3	75.4
RAYMOND	86.7	90.0	48.3	75.0
SCALDIS	46.7	90.0	88.3	75.0
EPSOM	89.7	.	60.0	74.8
DOVER (NK 82492)	86.7	86.7	50.0	74.4
SHADEMASTER	83.3	85.0	55.0	74.4
SHADOW	73.0	91.7	58.3	74.3
BIGHORN	36.7	90.0	95.0	73.9
JASPER	90.0	88.3	41.7	73.3
WILMA	86.7	78.3	55.0	73.3
SMIRNA (ZW 42-160)	96.0	.	50.0	73.0
RELIANT-W/ ENDOPHYTE	56.7	88.3	73.3	72.8
SCARLET	93.0	81.7	41.7	72.1
BARCROWN	80.0	93.3	41.7	71.7
ERG 1143	86.7	83.3	41.7	70.6
PUMA	83.0	91.7	36.7	70.4
VISTA	80.0	86.7	43.3	70.0
CAPITOL	76.7	88.3	45.0	70.0

PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS

NAME	ID2	PA2	UB1	MEAN
TALUS (LD 3438)	80.0	85.0	45.0	70.0
PST-4C8	90.0	83.3	35.0	69.4
TROPHY (ESTORIL)	86.3	81.7	40.0	69.3
HF 138	89.7	73.3	43.3	68.8
PST-43F	89.7	81.7	35.0	68.8
MARKER	90.0	78.3	36.7	68.3
ENSYLVA	86.7	90.0	26.7	67.8
MX 86	20.0	91.7	91.7	67.8
FLYER	80.0	88.3	35.0	67.8
ATLANTA	76.0	63.3	63.3	67.6
WW RS 138	96.0	85.0	20.0	67.0
AURORA W/ENDO. (PST-AUE)	50.0	85.0	65.0	66.7
BARLOTTE	93.0	93.3	13.3	66.6
RAINBOW	86.7	86.7	25.0	66.1
PST-4R3	73.0	71.7	53.3	66.0
BARNICA	92.7	83.3	21.7	65.9
MOLINDA	86.7	90.0	18.3	65.0
BARGENA	83.3	88.3	21.7	64.4
SALEM	76.7	78.3	38.3	64.4
FERNANDO (HF 112)	92.7	81.7	18.3	64.2
BARSKOL (BAR FR 9P)	92.7	90.0	7.0	63.2
CINDY	93.0	81.7	15.0	63.2
HERALD	79.7	85.0	25.0	63.2
SIMONE (LD 3485)	89.3	86.7	13.3	63.1
BARLANDER (BAR FR 9F)	90.0	86.7	12.3	63.0
PST-4NI	76.7	85.0	25.0	62.2
NAPOLI (LD 3488)	89.7	81.7	15.0	62.1
WW RS 143	80.0	88.3	16.7	61.7
FRT-30149	76.7	81.7	25.0	61.1
REVERE (NK 88001)	66.7	93.3	23.3	61.1
CLAUDIA	79.7	81.7	18.3	59.9
CAMARO	80.0	80.0	17.0	59.0
COLLO (LD 3414)	70.0	76.7	28.3	58.3
ELANOR	83.3	78.3	13.3	58.3
BOREAL	79.7	83.3	10.7	57.9
BARREPPPO	53.3	40.0	80.0	57.8
SYLVESTER	89.7	63.3	18.3	57.1
BARIM (BAR FR8RC3)	66.7	86.7	15.0	56.1
DAWSON	89.7	41.7	35.0	55.4
BELVEDERE	53.3	78.3	30.0	53.9
SUNSET (ZW 42-158)	56.7	83.3	16.7	52.2
KOKET	76.7	66.7	11.7	51.7
WW RS 130	86.7	60.0	5.0	50.6
FRANKLIN	60.0	83.3	8.3	50.6

LSD VALUE 28.3 11.4 24.1 13.2
1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES,
SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCR WHEN THIS VALUE IS LARGER
THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 11B. PERCENT LIVING GROUND COVER (SUMMER)
 RATINGS OF CREEPING RED FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	ID2	PA2	UB1	MEAN
SHADEMASTER	83.3	85.0	55.0	74.4
JASPER	90.0	88.3	41.7	73.3
VISTA	80.0	86.7	43.3	70.0
TALUS (LD 3438)	80.0	85.0	45.0	70.0
PST-4C8	90.0	83.3	35.0	69.4
PST-43F	89.7	81.7	35.0	68.8
ENSYLVA	86.7	90.0	26.7	67.8
FLYER	80.0	88.3	35.0	67.8
WW RS 138	96.0	85.0	20.0	67.0
PST-4R3	73.0	71.7	53.3	66.0
BARGENA	83.3	88.3	21.7	64.4
SALEM	76.7	78.3	38.3	64.4
CINDY	93.0	81.7	15.0	63.2
HERALD	79.7	85.0	25.0	63.2
PST-4NI	76.7	85.0	25.0	62.2
WW RS 143	80.0	88.3	16.7	61.7
REVERE (NK 88001)	66.7	93.3	23.3	61.1
CLAUDIA	79.7	81.7	18.3	59.9
COLLO (LD 3414)	70.0	76.7	28.3	58.3
ELANOR	83.3	78.3	13.3	58.3
BOREAL	79.7	83.3	10.7	57.9
SYLVESTER	89.7	63.3	18.3	57.1
BARIM (BAR FR8RC3)	66.7	86.7	15.0	56.1
BELVEDERE	53.3	78.3	30.0	53.9
SUNSET (ZW 42-158)	56.7	83.3	16.7	52.2
WW RS 130	86.7	60.0	5.0	50.6
FRANKLIN	60.0	83.3	8.3	50.6
LSD VALUE	28.6	12.8	17.4	11.9

TABLE 11C. PERCENT LIVING GROUND COVER (SUMMER)
 RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	ID2	PA2	UB1	MEAN
COMFORT (HF 102)	89.7	88.3	48.3	75.4
SMIRNA (ZW 42-160)	96.0	.	50.0	73.0
BARCROWN	80.0	93.3	41.7	71.7
HF 138	89.7	73.3	43.3	68.8
MARKER	90.0	78.3	36.7	68.3
BARLOTTE	93.0	93.3	13.3	66.6
BARSKOL (BAR FR 9P)	92.7	90.0	7.0	63.2
NAPOLI (LD 3488)	89.7	81.7	15.0	62.1
FRT-30149	76.7	81.7	25.0	61.1
DAWSON	89.7	41.7	35.0	55.4
LSD VALUE	17.4	13.6	22.4	10.8

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

TABLE 11D. PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/				
NAME	ID2	PA2	UB1	MEAN
SR 5000	96.0	90.0	95.0	93.7
BRIDGEPORT (N-105)	96.0	86.7	93.0	91.9
PST-4CD	96.0	81.7	93.3	90.3
PROFORMER (JMB-89)	89.7	88.3	91.7	89.9
JAMESTOWN II	89.7	86.7	91.7	89.3
LONGFELLOW	90.0	85.0	91.3	88.8
SHADOW W/ENDO. (PST-SHE)	93.0	85.0	88.3	88.8
SOUTHPORT	89.7	81.7	91.3	87.6
OFI 89-200	93.0	85.0	78.3	85.4
89.LKR	.	90.0	78.3	84.2
WALDORF	83.3	90.0	78.3	83.9
MARY	96.0	93.3	55.0	81.4
ENJOY	99.0	90.0	53.3	80.8
PST-4FE	96.0	68.3	73.3	79.2
JAMESTOWN	76.3	93.3	66.7	78.8
BANNER	89.7	80.0	58.3	76.0
BARGREEN	86.3	91.7	48.3	75.4
RAYMOND	86.7	90.0	48.3	75.0
EPSOM	89.7	.	60.0	74.8
DOVER (NK 82492)	86.7	86.7	50.0	74.4
SHADOW	73.0	91.7	58.3	74.3
WILMA	86.7	78.3	55.0	73.3
SCARLET	93.0	81.7	41.7	72.1
ERG 1143	86.7	83.3	41.7	70.6
PUMA	83.0	91.7	36.7	70.4
CAPITOL	76.7	88.3	45.0	70.0
TROPHY (ESTORIL)	86.3	81.7	40.0	69.3
ATLANTA	76.0	63.3	63.3	67.6
RAINBOW	86.7	86.7	25.0	66.1
BARNICA	92.7	83.3	21.7	65.9
MOLINDA	86.7	90.0	18.3	65.0
FERNANDO (HF 112)	92.7	81.7	18.3	64.2
SIMONE (LD 3485)	89.3	86.7	13.3	63.1
BARLANDER (BAR FR 9F)	90.0	86.7	12.3	63.0
CAMARO	80.0	80.0	17.0	59.0
KOKET	76.7	66.7	11.7	51.7
LSD VALUE	23.6	10.9	28.2	13.0

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

TABLE 11E. PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/				
NAME	ID2	PA2	UB1	MEAN
WARWICK	.	.	95.0	95.0
SERRA	80.0	93.3	96.3	89.9
SR 3000	73.3	93.3	99.0	88.6
EUREKA	70.0	91.7	96.3	86.0
PST-4AG	63.3	90.0	96.3	83.2
VALDA	60.0	91.7	93.3	81.7
BILJART	70.0	93.3	81.0	81.4
SR 3100 (SRX 89-31)	63.3	81.7	97.7	80.9
ATILLA	60.0	81.7	93.0	78.2
RELIANT-NO ENDOPHYTE	66.7	93.3	74.7	78.2
SILVANA	50.0	91.7	91.3	77.7
BAR FO 9A2	46.7	93.3	90.0	76.7
PST-4HD	40.0	91.7	97.7	76.4
AURORA	46.7	88.3	93.3	76.1
SCALDIS	46.7	90.0	88.3	75.0
RELIANT-W/ ENDOPHYTE	56.7	88.3	73.3	72.8
AURORA W/ENDO. (PST-AUE)	50.0	85.0	65.0	66.7
BARREPPPO	53.3	40.0	80.0	57.8
LSD VALUE	37.2	9.0	26.3	16.3

TABLE 11F. PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/				
NAME	ID2	PA2	UB1	MEAN
BIGHORN	36.7	90.0	95.0	73.9
MX 86	20.0	91.7	91.7	67.8
LSD VALUE	38.3	10.4	6.6	13.4

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

TABLE 12A. PERCENT LIVING GROUND COVER (FALL)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	NJ3	UB1	MEAN
SR 3100 (SRX 89-31)	99.0	96.3	97.7
WARWICK	97.0	95.0	96.0
SR 3000	96.3	94.7	95.5
PST-4HD	99.0	91.7	95.3
AURORA	97.0	93.3	95.2
BRIGADE (MELODY)	98.0	91.3	94.7
SERRA	94.0	91.7	92.8
PST-4AG	96.7	88.3	92.5
VALDA	97.3	85.0	91.2
EUREKA	91.7	90.0	90.8
BILJART	96.0	85.0	90.5
SCALDIS	95.0	85.0	90.0
BIGHORN	92.7	86.7	89.7
SILVANA	93.3	83.3	88.3
BRIDGEPORT (N-105)	89.3	86.7	88.0
SR 5000	86.0	88.3	87.2
ATTILA	98.7	75.0	86.8
JAMESTOWN II	83.3	88.3	85.8
RELIANT-W/ ENDOPHYTE	96.3	74.7	85.5
SOUTHPORT	91.0	80.0	85.5
PST-4R3	94.7	75.0	84.8
SHADOW W/ENDO. (PST-SHE)	83.7	83.3	83.5
MX 86	73.3	93.3	83.3
BAR FO 9A2	93.7	71.7	82.7
LONGFELLOW	81.7	83.3	82.5
RELIANT-NO ENDOPHYTE	97.3	63.3	80.3
AURORA W/ENDO. (PST-AUE)	98.3	61.7	80.0
PST-4CD	93.7	63.3	78.5
PROFORMER (JMB-89)	66.7	80.0	73.3
BARREPO	76.7	61.7	69.2
OFI 89-200	78.3	53.3	65.8
SHADEMASTER	66.7	58.3	62.5
PST-43F	80.0	43.3	61.7
PST-4FE	84.3	28.3	56.3
SALEM	66.7	45.0	55.8
BANNER	71.7	36.7	54.2
WALDORF	55.0	53.3	54.2
89.LKR	65.0	40.0	52.5
SHADOW	70.0	35.0	52.5
EPSOM	53.3	45.0	49.2
CLAUDIA	56.7	41.7	49.2
BELVEDERE	58.3	35.0	46.7
PST-4NI	48.3	45.0	46.7
JASPER	58.3	33.3	45.8
JAMESTOWN	56.7	33.3	45.0
VISTA	41.7	46.7	44.2
HERALD	45.0	41.7	43.3
BARGENA	51.7	33.3	42.5
MARY	75.0	8.3	41.7
PST-4C8	56.3	26.7	41.5

PERCENT LIVING GROUND COVER (FALL)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS

NAME	NJ3	UB1	MEAN
WW RS 138	45.0	35.0	40.0
BARGREEN	63.3	15.7	39.5
SYLVESTER	58.3	20.0	39.2
CAMARO	68.3	10.0	39.2
ENSYLVA	31.7	45.0	38.3
SUNSET (ZW 42-158)	53.3	23.3	38.3
ATLANTA	51.7	25.0	38.3
FLYER	51.7	25.0	38.3
DOVER (NK 82492)	53.3	21.7	37.5
WW RS 143	41.7	26.7	34.2
BARLANDER (BAR FR 9F)	65.0	2.3	33.7
ELANOR	43.3	21.7	32.5
SCARLET	53.3	10.0	31.7
WILMA	45.0	18.3	31.7
REVERE (NK 88001)	16.7	45.0	30.8
KOKET	55.0	6.7	30.8
FRANKLIN	46.7	14.0	30.3
RAYMOND	43.3	17.0	30.2
TALUS (LD 3438)	15.7	41.7	28.7
TROPHY (ESTORIL)	45.0	12.0	28.5
BARIM (BAR FR8RC3)	28.3	28.3	28.3
MOLINDA	50.0	6.7	28.3
BOREAL	23.3	31.7	27.5
HF 138	41.7	13.3	27.5
BARNICA	38.3	15.0	26.7
WW RS 130	36.7	15.0	25.8
CINDY	40.0	10.0	25.0
ENJOY	29.3	18.3	23.8
BARCROWN	28.3	16.0	22.2
PUMA	35.0	8.3	21.7
CAPITOL	31.7	8.3	20.0
COLLO (LD 3414)	15.0	23.3	19.2
FRT-30149	15.0	21.7	18.3
ERG 1143	22.3	13.3	17.8
BARLOTTE	20.0	15.0	17.5
SIMONE (LD 3485)	30.0	5.0	17.5
RAINBOW	21.7	10.0	15.8
NAPOLI (LD 3488)	17.7	10.0	13.8
COMFORT (HF 102)	16.7	10.0	13.3
DAWSON	11.7	15.0	13.3
FERNANDO (HF 112)	18.3	6.0	12.2
MARKER	8.7	13.3	11.0
SMIRNA (ZW 42-160)	1.7	20.0	10.8
BARSKOL (BAR FR 9F)	9.3	6.0	7.7

LSD VALUE 27.0 23.1 17.8
1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES,
SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER
THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 12B. PERCENT LIVING GROUND COVER (FALL)
 RATINGS OF CREEPING RED FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	NJ3	UB1	MEAN
PST-4R3	94.7	75.0	84.8
SHADEMASTER	66.7	58.3	62.5
PST-43F	80.0	43.3	61.7
SALEM	66.7	45.0	55.8
CLAUDIA	56.7	41.7	49.2
BELVEDERE	58.3	35.0	46.7
PST-4NI	48.3	45.0	46.7
JASPER	58.3	33.3	45.8
VISTA	41.7	46.7	44.2
HERALD	45.0	41.7	43.3
BARGENA	51.7	33.3	42.5
PST-4C8	56.3	26.7	41.5
WW RS 138	45.0	35.0	40.0
SYLVESTER	58.3	20.0	39.2
ENSYLVA	31.7	45.0	38.3
SUNSET (ZW 42-158)	53.3	23.3	38.3
FLYER	51.7	25.0	38.3
WW RS 143	41.7	26.7	34.2
ELANOR	43.3	21.7	32.5
REVERE (NK 88001)	16.7	45.0	30.8
FRANKLIN	46.7	14.0	30.3
TALUS (LD 3438)	15.7	41.7	28.7
BARIM (BAR FR8RC3)	28.3	28.3	28.3
BOREAL	23.3	31.7	27.5
WW RS 130	36.7	15.0	25.8
CINDY	40.0	10.0	25.0
COLLO (LD 3414)	15.0	23.3	19.2
LSD VALUE	38.3	19.2	21.4

TABLE 12C. PERCENT LIVING GROUND COVER (FALL)
 RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
 1991 DATA
 PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	NJ3	UB1	MEAN
HF 138	41.7	13.3	27.5
BARCROWN	28.3	16.0	22.2
FRT-30149	15.0	21.7	18.3
BARLOTIE	20.0	15.0	17.5
NAPOLI (LD 3488)	17.7	10.0	13.8
COMFORT (HF 102)	16.7	10.0	13.3
DAWSON	11.7	15.0	13.3
MARKER	8.7	13.3	11.0
SMIRNA (ZW 42-160)	1.7	20.0	10.8
BARSKOL (BAR FR 9P)	9.3	6.0	7.7
LSD VALUE	12.9	21.4	12.5

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

TABLE 12D. PERCENT LIVING GROUND COVER (FALL)
RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/			
NAME	NJ3	UB1	MEAN
BRIDGEPORT (N-105)	89.3	86.7	88.0
SR 5000	86.0	88.3	87.2
JAMESTOWN II	83.3	88.3	85.8
SOUTHPORT	91.0	80.0	85.5
SHADOW W/ENDO. (PST-SHE)	83.7	83.3	83.5
LONGFELLOW	81.7	83.3	82.5
PST-4CD	93.7	63.3	78.5
PROFORMER (JMB-89)	66.7	80.0	73.3
OFI 89-200	78.3	53.3	65.8
PST-4FE	84.3	28.3	56.3
BANNER	71.7	36.7	54.2
WALDORF	55.0	53.3	54.2
89.LKR	65.0	40.0	52.5
SHADOW	70.0	35.0	52.5
EPSOM	53.3	45.0	49.2
JAMESTOWN	56.7	33.3	45.0
MARY	75.0	8.3	41.7
BARGREEN	63.3	15.7	39.5
CAMARO	68.3	10.0	39.2
ATLANTA	51.7	25.0	38.3
DOVER (NK 82492)	53.3	21.7	37.5
BARLANDER (BAR FR 9F)	65.0	2.3	33.7
SCARLET	53.3	10.0	31.7
WILMA	45.0	18.3	31.7
KOKET	55.0	6.7	30.8
RAYMOND	43.3	17.0	30.2
TROPHY (ESTORIL)	45.0	12.0	28.5
MOLINDA	50.0	6.7	28.3
BARNICA	38.3	15.0	26.7
ENJOY	29.3	18.3	23.8
PUMA	35.0	8.3	21.7
CAPITOL	31.7	8.3	20.0
ERG 1143	22.3	13.3	17.8
SIMONE (LD 3485)	30.0	5.0	17.5
RAINBOW	21.7	10.0	15.8
FERNANDO (HF 112)	18.3	6.0	12.2
LSD VALUE	26.4	24.1	17.9

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

TABLE 12E. PERCENT LIVING GROUND COVER (FALL)
RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	NJ3	UB1	MEAN
SR 3100 (SRX 89-31)	99.0	96.3	97.7
WARWICK	97.0	95.0	96.0
SR 3000	96.3	94.7	95.5
PST-4HD	99.0	91.7	95.3
AURORA	97.0	93.3	95.2
SERRA	94.0	91.7	92.8
PST-4AG	96.7	88.3	92.5
VALDA	97.3	85.0	91.2
EUREKA	91.7	90.0	90.8
BILJART	96.0	85.0	90.5
SCALDIS	95.0	85.0	90.0
SILVANA	93.3	83.3	88.3
ATTILA	98.7	75.0	86.8
RELIANT-W/ ENDOPHYTE	96.3	74.7	85.5
BAR FO 9A2	93.7	71.7	82.7
RELIANT-NO ENDOPHYTE	97.3	63.3	80.3
AURORA W/ENDO. (PST-AUE)	98.3	61.7	80.0
BARREPPPO	76.7	61.7	69.2
LSD VALUE	7.9	28.4	14.8

TABLE 12F. PERCENT LIVING GROUND COVER (FALL)
RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	NJ3	UB1	MEAN
BIGHORN	92.7	86.7	89.7
MX 86	73.3	93.3	83.3
LSD VALUE	24.3	7.3	12.7

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

TABLE 13A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	OR9	MEAN
ATTILIA	8.0	8.0
SERRA	8.0	8.0
SR 3100 (SRX 89-31)	8.0	8.0
PST-4HD	7.7	7.7
SCALDIS	7.7	7.7
AURORA	7.3	7.3
AURORA W/ENDO. (PST-AUE)	7.3	7.3
BARREPPPO	7.3	7.3
BILJART	7.3	7.3
PST-4AG	7.3	7.3
PST-4R3	7.3	7.3
RELIANT-NO ENDOPHYTE	7.3	7.3
RELIANT-W/ ENDOPHYTE	7.3	7.3
SR 3000	7.3	7.3
BAR FO 9A2	7.0	7.0
BRIGADE (MELODY)	7.0	7.0
CAMARO	7.0	7.0
DOVER (NK 82492)	7.0	7.0
ERG 1143	7.0	7.0
EUREKA	7.0	7.0
LONGFELLOW	7.0	7.0
MARKER	7.0	7.0
OFI 89-200	7.0	7.0
PST-43F	7.0	7.0
PST-4C8	7.0	7.0
PST-4CD	7.0	7.0
SHADOW	7.0	7.0
SILVANA	7.0	7.0
VALDA	7.0	7.0
BIGHORN	6.7	6.7
CLAUDIA	6.7	6.7
ELANOR	6.7	6.7
FLYER	6.7	6.7
FRANKLIN	6.7	6.7
JAMESTOWN II	6.7	6.7
JASPER	6.7	6.7
MX 86	6.7	6.7
PST-4FE	6.7	6.7
RAYMOND	6.7	6.7
SALEM	6.7	6.7
SCARLET	6.7	6.7
SHADOW W/ENDO. (PST-SHE)	6.7	6.7
SR 5000	6.7	6.7
TROPHY (ESTORIL)	6.7	6.7
89.LKR	6.3	6.3
BARGENA	6.3	6.3
BOREAL	6.3	6.3
BRIDGEPORT (N-105)	6.3	6.3
COLLO (LD 3414)	6.3	6.3
MARY	6.3	6.3

WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	OR9	MEAN
MOLINDA	6.3	6.3
PST-4NI	6.3	6.3
REVERE (NK 88001)	6.3	6.3
SHADEMASTER	6.3	6.3
SOUTHPORT	6.3	6.3
SYLVESTER	6.3	6.3
BANNER	6.0	6.0
BARLANDER (BAR FR 9F)	6.0	6.0
BELVEDERE	6.0	6.0
CINDY	6.0	6.0
ENJOY	6.0	6.0
ENSYLVA	6.0	6.0
HF 138	6.0	6.0
KOKET	6.0	6.0
PROFORMER (JMB-89)	6.0	6.0
SIMONE (LD 3485)	6.0	6.0
SMIRNA (ZW 42-160)	6.0	6.0
SUNSET (ZW 42-158)	6.0	6.0
TALUS (LD 3438)	6.0	6.0
WILMA	6.0	6.0
WW RS 130	6.0	6.0
WW RS 138	6.0	6.0
BARGREEN	5.7	5.7
BARIM (BAR FR8RC3)	5.7	5.7
JAMESTOWN	5.7	5.7
PUMA	5.7	5.7
VISTA	5.7	5.7
WALDORF	5.7	5.7
ATLANTA	5.3	5.3
BARNICA	5.3	5.3
CAPITOL	5.3	5.3
DAWSON	5.3	5.3
FERNANDO (HF 112)	5.3	5.3
FRT-30149	5.3	5.3
HERALD	5.3	5.3
NAPOLI (LD 3488)	5.3	5.3
RAINBOW	5.3	5.3
BARCROWN	5.0	5.0
BARLOTTE	5.0	5.0
BARSKOL (BAR FR 9P)	5.0	5.0
COMFORT (HF 102)	5.0	5.0
EPSOM	5.0	5.0
WW RS 143	5.0	5.0
LSD VALUE	1.0	1.0

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

TABLE 13B. WINTER COLOR RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	CR9	MEAN
PST-4R3	7.3	7.3
PST-43F	7.0	7.0
PST-4C8	7.0	7.0
CLAUDIA	6.7	6.7
ELANOR	6.7	6.7
FLYER	6.7	6.7
FRANKLIN	6.7	6.7
JASPER	6.7	6.7
SALEM	6.7	6.7
BARGENA	6.3	6.3
BOREAL	6.3	6.3
COLLO (LD 3414)	6.3	6.3
PST-4NI	6.3	6.3
REVERE (NK 88001)	6.3	6.3
SHADEMASTER	6.3	6.3
SYLVESTER	6.3	6.3
BELVEDERE	6.0	6.0
CINDY	6.0	6.0
ENSYLVA	6.0	6.0
SUNSET (ZW 42-158)	6.0	6.0
TALUS (LD 3438)	6.0	6.0
WW RS 130	6.0	6.0
WW RS 138	6.0	6.0
BARIM (BAR FR8RC3)	5.7	5.7
VISTA	5.7	5.7
HERALD	5.3	5.3
WW RS 143	5.0	5.0
LSD VALUE	0.9	0.9

TABLE 13C. WINTER COLOR RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	CR9	MEAN
MARKER	7.0	7.0
HF 138	6.0	6.0
SMIRNA (ZW 42-160)	6.0	6.0
DAWSON	5.3	5.3
FRT-30149	5.3	5.3
NAPOLI (LD 3488)	5.3	5.3
BARCROWN	5.0	5.0
BARLOTTE	5.0	5.0
BARSKOL (BAR FR 9P)	5.0	5.0
COMFORT (HF 102)	5.0	5.0
LSD VALUE	0.5	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 13D. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	OR9	MEAN
CAMARO	7.0	7.0
DOVER (NK 82492)	7.0	7.0
ERG 1143	7.0	7.0
LONGFELLOW	7.0	7.0
OFI 89-200	7.0	7.0
PST-4CD	7.0	7.0
SHADOW	7.0	7.0
JAMESTOWN II	6.7	6.7
PST-4FE	6.7	6.7
RAYMOND	6.7	6.7
SCARLET	6.7	6.7
SHADOW W/ENDO. (PST-SHE)	6.7	6.7
SR 5000	6.7	6.7
TROPHY (ESTORIL)	6.7	6.7
89.LKR	6.3	6.3
BRIDGEPORT (N-105)	6.3	6.3
MARY	6.3	6.3
MOLINDA	6.3	6.3
SOUTHPORT	6.3	6.3
BANNER	6.0	6.0
BARLANDER (BAR FR 9F)	6.0	6.0
ENJOY	6.0	6.0
KOKET	6.0	6.0
PROFORMER (JMB-89)	6.0	6.0
SIMONE (LD 3485)	6.0	6.0
WILMA	6.0	6.0
BARGREEN	5.7	5.7
JAMESTOWN	5.7	5.7
PUMA	5.7	5.7
WALDORF	5.7	5.7
ATLANTA	5.3	5.3
BARNICA	5.3	5.3
CAPITOL	5.3	5.3
FERNANDO (HF 112)	5.3	5.3
RAINBOW	5.3	5.3
EPSOM	5.0	5.0
LSD VALUE	1.1	1.1

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).

TABLE 13E. WINTER COLOR RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	OR9	MEAN
ATTILA	8.0	8.0
SERRA	8.0	8.0
SR 3100 (SRX 89-31)	8.0	8.0
PST-4HD	7.7	7.7
SCALDIS	7.7	7.7
AURORA	7.3	7.3
AURORA W/ENDO. (PST-AUE)	7.3	7.3
BARREPPPO	7.3	7.3
BILJART	7.3	7.3
PST-4AG	7.3	7.3
RELIANT-NO ENDOPHYTE	7.3	7.3
RELIANT-W/ ENDOPHYTE	7.3	7.3
SR 3000	7.3	7.3
BAR FO 9A2	7.0	7.0
EUREKA	7.0	7.0
SILVANA	7.0	7.0
VALDA	7.0	7.0
LSD VALUE	1.2	1.2

TABLE 13F. WINTER COLOR RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	OR9	MEAN
BIGHORN	6.7	6.7
MX 86	6.7	6.7
LSD VALUE	0.9	0.9

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).

TABLE 14A.

DROUGHT TOLERANCE (DORMANCY)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

DORMANCY RATINGS; 9=NO DORMANCY 1/

NAME	PA1	MEAN
SILVANA	8.0	8.0
VALDA	8.0	8.0
89.LKR	7.7	7.7
AURORA	7.7	7.7
BILJART	7.7	7.7
EUREKA	7.7	7.7
SR 3000	7.7	7.7
ATTILA	7.3	7.3
BIGHORN	7.3	7.3
BRIGADE (MELODY)	7.3	7.3
RELIANT-W/ ENDOPHYTE	7.3	7.3
SERRA	7.3	7.3
BAR FO 9A2	7.0	7.0
BARCROWN	7.0	7.0
MARKER	7.0	7.0
PST-4AG	7.0	7.0
RELIANT-NO ENDOPHYTE	7.0	7.0
SCALDIS	7.0	7.0
AURORA W/ENDO. (PST-AUE)	6.7	6.7
SMIRNA (ZW 42-160)	6.7	6.7
BARREPP0	6.3	6.3
DAWSON	6.3	6.3
MX 86	6.3	6.3
PST-4HD	6.3	6.3
BARSKOL (BAR FR 9P)	5.7	5.7
HF 138	5.7	5.7
NAPOLI (LD 3488)	5.7	5.7
SR 3100 (SRX 89-31)	5.7	5.7
BARLOTTE	5.3	5.3
PST-4C8	5.3	5.3
BARGREEN	5.0	5.0
TROPHY (ESTORIL)	5.0	5.0
BARLANDER (BAR FR 9F)	4.7	4.7
CINDY	4.7	4.7
COMFORT (HF 102)	4.7	4.7
ENJOY	4.7	4.7
FERNANDO (HF 112)	4.7	4.7
FRT-30149	4.7	4.7
HERALD	4.7	4.7
JASPER	4.7	4.7
LONGFELLOW	4.7	4.7
PST-4NI	4.7	4.7
SALEM	4.7	4.7
SHADEMASTER	4.7	4.7
WW RS 138	4.7	4.7
ATLANIA	4.3	4.3
BARGENA	4.3	4.3
BRIDGEPORT (N-105)	4.3	4.3
FLYER	4.3	4.3
PST-43F	4.3	4.3

DROUGHT TOLERANCE (DORMANCY)
RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

DORMANCY RATINGS; 9=NO DORMANCY

NAME	PA1	MEAN
PST-4CD	4.3	4.3
RAINBOW	4.3	4.3
REVERE (NK 88001)	4.3	4.3
SHADOW	4.3	4.3
SIMONE (LD 3485)	4.3	4.3
SOUTHPORT	4.3	4.3
SUNSET (ZW 42-158)	4.3	4.3
TALUS (LD 3438)	4.3	4.3
WW RS 130	4.3	4.3
WW RS 143	4.3	4.3
BARNICA	4.0	4.0
BOREAL	4.0	4.0
COLLO (LD 3414)	4.0	4.0
DOVER (NK 82492)	4.0	4.0
ELANOR	4.0	4.0
ENSYLVA	4.0	4.0
JAMESTOWN	4.0	4.0
JAMESTOWN II	4.0	4.0
KOKET	4.0	4.0
MOLINDA	4.0	4.0
PST-4FE	4.0	4.0
PST-4R3	4.0	4.0
PUMA	4.0	4.0
SCARLET	4.0	4.0
SHADOW W/ENDO. (PST-SHE)	4.0	4.0
SR 5000	4.0	4.0
VISTA	4.0	4.0
WALDORF	4.0	4.0
WILMA	4.0	4.0
BANNER	3.7	3.7
BARIM (BAR FR8RC3)	3.7	3.7
BELVEDERE	3.7	3.7
CAMARO	3.7	3.7
CAPITOL	3.7	3.7
CLAUDIA	3.7	3.7
ERG 1143	3.7	3.7
MARY	3.7	3.7
OFI 89-200	3.7	3.7
PROFORMER (JMB-89)	3.7	3.7
RAYMOND	3.7	3.7
SYLVESTER	3.7	3.7
EPSOM	3.3	3.3
FRANKLIN	2.7	2.7
LSD VALUE	1.3	1.3

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

TABLE 14B. DROUGHT TOLERANCE (DORMANCY)
 RATINGS OF CREEPING RED FESCUE CULTIVARS
 1991 DATA
 DORMANCY RATINGS; 9=NO DORMANCY 1/

NAME	PA1	MEAN
PST-4C8	5.3	5.3
CINDY	4.7	4.7
HERALD	4.7	4.7
JASPER	4.7	4.7
PST-4NI	4.7	4.7
SALEM	4.7	4.7
SHADEMASTER	4.7	4.7
WW RS 138	4.7	4.7
BARGENA	4.3	4.3
FLYER	4.3	4.3
PST-43F	4.3	4.3
REVERE (NK 88001)	4.3	4.3
SUNSET (ZW 42-158)	4.3	4.3
TALUS (LD 3438)	4.3	4.3
WW RS 130	4.3	4.3
WW RS 143	4.3	4.3
BOREAL	4.0	4.0
COLLO (LD 3414)	4.0	4.0
ELANOR	4.0	4.0
ENSYLVA	4.0	4.0
PST-4R3	4.0	4.0
VISTA	4.0	4.0
BARIM (BAR FR8RC3)	3.7	3.7
BELVEDERE	3.7	3.7
CLAUDIA	3.7	3.7
SYLVESTER	3.7	3.7
FRANKLIN	2.7	2.7
LSD VALUE	1.4	1.4

TABLE 14C. DROUGHT TOLERANCE (DORMANCY)
 RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
 1991 DATA
 DORMANCY RATINGS; 9=NO DORMANCY 1/

NAME	PA1	MEAN
BARCROWN	7.0	7.0
MARKER	7.0	7.0
SMIRNA (ZW 42-160)	6.7	6.7
DAWSON	6.3	6.3
BARSKOL (BAR FR 9P)	5.7	5.7
HF 138	5.7	5.7
NAPOLI (LD 3488)	5.7	5.7
BARLOTTE	5.3	5.3
COMFORT (HF 102)	4.7	4.7
FRT-30149	4.7	4.7
LSD VALUE	1.4	1.4

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).

TABLE 14D. DROUGHT TOLERANCE (DORMANCY)
 RATINGS OF CHEWINGS FESCUE CULTIVARS
 1991 DATA

DORMANCY RATINGS; 9=NO DORMANCY 1/

NAME	PA1	MEAN
89.LKR	7.7	7.7
BARGREEN	5.0	5.0
TROPHY (ESTORIL)	5.0	5.0
BARLANDER (BAR FR 9F)	4.7	4.7
ENJOY	4.7	4.7
FERNANDO (HF 112)	4.7	4.7
LONGFELLOW	4.7	4.7
ATLANFA	4.3	4.3
BRIDGEPORT (N-105)	4.3	4.3
PST-4CD	4.3	4.3
RAINBOW	4.3	4.3
SHADOW	4.3	4.3
SIMONE (LD 3485)	4.3	4.3
SOUTHPORT	4.3	4.3
BARNICA	4.0	4.0
DOVER (NK 82492)	4.0	4.0
JAMESTOWN	4.0	4.0
JAMESTOWN II	4.0	4.0
KOKET	4.0	4.0
MOLINDA	4.0	4.0
PST-4FE	4.0	4.0
PUMA	4.0	4.0
SCARLET	4.0	4.0
SHADOW W/ENDO. (PST-SHE)	4.0	4.0
SR 5000	4.0	4.0
WALDORF	4.0	4.0
WILMA	4.0	4.0
BANNER	3.7	3.7
CAMARO	3.7	3.7
CAPITOL	3.7	3.7
ERG 1143	3.7	3.7
MARY	3.7	3.7
OFI 89-200	3.7	3.7
PROFORMER (JMB-89)	3.7	3.7
RAYMOND	3.7	3.7
EPSOM	3.3	3.3
LSD VALUE	1.3	1.3

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).

TABLE 14E. DROUGHT TOLERANCE (DORMANCY)
RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

DORMANCY RATINGS; 9=NO DORMANCY 1/

NAME	PA1	MEAN
SILVANA	8.0	8.0
VALDA	8.0	8.0
AURORA	7.7	7.7
BILJART	7.7	7.7
EUREKA	7.7	7.7
SR 3000	7.7	7.7
ATTIIA	7.3	7.3
RELIANT-W/ ENDOPHYTE	7.3	7.3
SERRA	7.3	7.3
BAR FO 9A2	7.0	7.0
PST-4AG	7.0	7.0
RELIANT-NO ENDOPHYTE	7.0	7.0
SCALDIS	7.0	7.0
AURORA W/ENDO. (PST-AUE)	6.7	6.7
BARREPPPO	6.3	6.3
PST-4HD	6.3	6.3
SR 3100 (SRX 89-31)	5.7	5.7
LSD VALUE	0.8	0.8

TABLE 14F. DROUGHT TOLERANCE (DORMANCY)
RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

DORMANCY RATINGS 1-9; 9=NO DORMANCY 1/

NAME	PA1	MEAN
BIGHORN	7.3	7.3
MX 86	6.3	6.3
LSD VALUE	0.9	0.9

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).

TABLE 15A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/			
NAME	MNI	UB1	MEAN
SR 3100 (SRX 89-31)	6.7	8.3	7.5
ATLANTA	7.0	7.7	7.3
BRIGADE (MELODY)	7.0	7.7	7.3
SILVANA	7.0	7.7	7.3
WALDORF	7.7	7.0	7.3
ATTILA	6.7	7.7	7.2
PST-4CD	7.0	7.3	7.2
BAR FO 9A2	7.0	7.0	7.0
BIGHORN	8.0	6.0	7.0
EUREKA	7.0	7.0	7.0
PST-4HD	6.7	7.3	7.0
SCALDIS	6.3	7.7	7.0
SERRA	6.7	7.3	7.0
AURORA	6.7	7.0	6.8
VALDA	6.7	7.0	6.8
BARGREEN	7.3	6.3	6.8
SCARLET	6.3	7.3	6.8
MARY	5.7	7.7	6.7
RELIANT-NO ENDOPHYTE	6.7	6.7	6.7
WARWICK	.	6.7	6.7
AURORA W/ENDO. (PST-AUE)	6.3	7.0	6.7
BARREPPPO	7.3	6.0	6.7
BILJART	7.3	6.0	6.7
FERNANDO (HF 112)	7.0	6.3	6.7
MX 86	8.0	5.3	6.7
OFI 89-200	6.3	7.0	6.7
PST-4AG	7.0	6.3	6.7
SR 3000	6.3	7.0	6.7
COMFORT (HF 102)	6.7	6.3	6.5
RELIANT-W/ ENDOPHYTE	6.0	7.0	6.5
LONGFELLOW	6.7	6.0	6.3
SIMONE (LD 3485)	6.7	6.0	6.3
ERG 1143	6.3	6.3	6.3
RAYMOND	6.3	6.3	6.3
EPSOM	6.7	5.7	6.2
SHADOW W/ENDO. (PST-SHE)	6.7	5.7	6.2
PST-4FE	6.0	6.3	6.2
RAINBOW	6.3	6.0	6.2
TROPHY (ESTORIL)	6.0	6.3	6.2
PROFORMER (JMB-89)	7.0	5.0	6.0
PUMA	5.7	6.3	6.0
DOVER (NK 82492)	6.7	5.0	5.8
MARKER	5.7	6.0	5.8
89.LKR	.	5.7	5.7
BARSKOL (BAR FR 9P)	5.7	5.7	5.7
KOKET	6.7	4.7	5.7
BRIDGEPORT (N-105)	6.0	5.3	5.7
CAMARO	6.7	4.3	5.5
CAPITOL	5.3	5.7	5.5
DAWSON	7.0	4.0	5.5

LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	MNI	UB1	MEAN
NAPOLI (LD 3488)	5.3	5.7	5.5
SR 5000	5.3	5.7	5.5
WILMA	6.7	4.3	5.5
BARLANDER (BAR FR 9F)	6.0	4.7	5.3
ENJOY	5.7	5.0	5.3
BARCROWN	4.7	5.7	5.2
SMIRNA (ZW 42-160)	4.7	5.7	5.2
BANNER	6.0	4.3	5.2
BARNICA	6.3	4.0	5.2
FRT-30149	6.0	4.3	5.2
JAMESTOWN	6.3	4.0	5.2
JAMESTOWN II	5.3	5.0	5.2
MOLINDA	6.0	4.3	5.2
SHADOW	5.3	5.0	5.2
SOUTHPORT	6.0	4.3	5.2
BARLOTTE	5.3	4.7	5.0
PST-4C8	5.7	4.3	5.0
SALEM	6.0	4.0	5.0
WW RS 130	6.7	3.3	5.0
PST-4R3	5.7	4.0	4.8
FLYER	5.3	4.3	4.8
HF 138	6.0	3.7	4.8
TALUS (LD 3438)	5.3	4.3	4.8
COLLO (LD 3414)	5.7	3.7	4.7
CINDY	5.0	4.3	4.7
JASPER	4.5	4.7	4.6
PST-43F	5.3	3.7	4.5
PST-4NI	5.7	3.0	4.3
REVERE (NK 88001)	5.7	3.0	4.3
VISTA	5.3	3.3	4.3
SHADEMASTER	5.0	3.3	4.2
ELANOR	4.3	4.0	4.2
SYLVESTER	5.3	3.0	4.2
WW RS 143	5.3	3.0	4.2
BELVEDERE	5.3	2.7	4.0
FRANKLIN	6.0	2.0	4.0
HERALD	4.0	4.0	4.0
SUNSET (ZW 42-158)	5.0	3.0	4.0
WW RS 138	5.0	3.0	4.0
BARIM (BAR FR8RC3)	5.7	2.0	3.8
BOREAL	4.7	2.7	3.7
BARGENA	5.0	1.7	3.3
ENSYLVA	4.7	1.3	3.0
CLAUDIA	4.0	1.7	2.8

LSD VALUE 1.1 1.6 1.0

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

TABLE 15B. LEAF SPOT RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	MN1	UB1	MEAN
PST-4C8	5.7	4.3	5.0
SALEM	6.0	4.0	5.0
WW RS 130	6.7	3.3	5.0
PST-4R3	5.7	4.0	4.8
FLYER	5.3	4.3	4.8
TALUS (LD 3438)	5.3	4.3	4.8
COLLO (LD 3414)	5.7	3.7	4.7
CINDY	5.0	4.3	4.7
JASPER	4.5	4.7	4.6
PST-43F	5.3	3.7	4.5
PST-4NI	5.7	3.0	4.3
REVERE (NK 88001)	5.7	3.0	4.3
VISTA	5.3	3.3	4.3
SHADEMASTER	5.0	3.3	4.2
ELANOR	4.3	4.0	4.2
SYLVESTER	5.3	3.0	4.2
WW RS 143	5.3	3.0	4.2
BELVEDERE	5.3	2.7	4.0
FRANKLIN	6.0	2.0	4.0
HERALD	4.0	4.0	4.0
SUNSET (ZW 42-158)	5.0	3.0	4.0
WW RS 138	5.0	3.0	4.0
BARIM (BAR FR8RC3)	5.7	2.0	3.8
BOREAL	4.7	2.7	3.7
BARGENA	5.0	1.7	3.3
ENSYLVA	4.7	1.3	3.0
CLAUDIA	4.0	1.7	2.8
LSD VALUE	1.2	1.6	1.0

TABLE 15C. LEAF SPOT RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	MN1	UB1	MEAN
COMFORT (HF 102)	6.7	6.3	6.5
MARKER	5.7	6.0	5.8
BARSKOL (BAR FR 9P)	5.7	5.7	5.7
DAWSON	7.0	4.0	5.5
NAPOLI (LD 3488)	5.3	5.7	5.5
BARCROWN	4.7	5.7	5.2
SMIRNA (ZW 42-160)	4.7	5.7	5.2
FRT-30149	6.0	4.3	5.2
BARLOTTE	5.3	4.7	5.0
HF 138	6.0	3.7	4.8
LSD VALUE	1.3	1.7	1.1

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).

TABLE 15D. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	MN1	UB1	MEAN
ATLANTA	7.0	7.7	7.3
WALDORF	7.7	7.0	7.3
PST-4CD	7.0	7.3	7.2
BARGREEN	7.3	6.3	6.8
SCARLET	6.3	7.3	6.8
MARY	5.7	7.7	6.7
FERNANDO (HF 112)	7.0	6.3	6.7
OFI 89-200	6.3	7.0	6.7
LONGFELLOW	6.7	6.0	6.3
SIMONE (LD 3485)	6.7	6.0	6.3
ERG 1143	6.3	6.3	6.3
RAYMOND	6.3	6.3	6.3
EPSOM	6.7	5.7	6.2
SHADOW W/ENDO. (PST-SHE)	6.7	5.7	6.2
PST-4FE	6.0	6.3	6.2
RAINBOW	6.3	6.0	6.2
TROPHY (ESTORIL)	6.0	6.3	6.2
PROFORMER (JMB-89)	7.0	5.0	6.0
PUMA	5.7	6.3	6.0
DOVER (NK 82492)	6.7	5.0	5.8
89.LKR	.	5.7	5.7
KOKET	6.7	4.7	5.7
BRIDGEPORT (N-105)	6.0	5.3	5.7
CAMARO	6.7	4.3	5.5
CAPITOL	5.3	5.7	5.5
SR 5000	5.3	5.7	5.5
WILMA	6.7	4.3	5.5
BARLANDER (BAR FR 9F)	6.0	4.7	5.3
ENJOY	5.7	5.0	5.3
BANNER	6.0	4.3	5.2
BARNICA	6.3	4.0	5.2
JAMESTOWN	6.3	4.0	5.2
JAMESTOWN II	5.3	5.0	5.2
MOLINDA	6.0	4.3	5.2
SHADOW	5.3	5.0	5.2
SOUTHPORT	6.0	4.3	5.2
LSD VALUE	1.0	1.7	1.0

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).

TABLE 15E. LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	MN1	UB1	MEAN
SR 3100 (SRX 89-31)	6.7	8.3	7.5
SILVANA	7.0	7.7	7.3
ATILA	6.7	7.7	7.2
BAR FO 9A2	7.0	7.0	7.0
EUREKA	7.0	7.0	7.0
PST-4HD	6.7	7.3	7.0
SCALDIS	6.3	7.7	7.0
SERRA	6.7	7.3	7.0
AURORA	6.7	7.0	6.8
VALDA	6.7	7.0	6.8
RELIANT-NO ENDOPHYTE	6.7	6.7	6.7
WARWICK	.	6.7	6.7
AURORA W/ENDO. (PST-AUE)	6.3	7.0	6.7
BARREPPPO	7.3	6.0	6.7
BILJART	7.3	6.0	6.7
PST-4AG	7.0	6.3	6.7
SR 3000	6.3	7.0	6.7
RELIANT-W/ ENDOPHYTE	6.0	7.0	6.5
LSD VALUE	1.0	1.4	0.9

TABLE 15F. LEAF SPOT RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	MN1	UB1	MEAN
BIGHORN	8	6.0	7.0
MX 86	8	5.3	6.7
LSD VALUE	0	1.3	0.7

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).

TABLE 16A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
ATLANTA	9.0	9.0
AURORA W/ENDO. (PST-AUE)	9.0	9.0
BANNER	9.0	9.0
BARLANDER (BAR FR 9F)	9.0	9.0
BARNICA	9.0	9.0
BIGHORN	9.0	9.0
BILJART	9.0	9.0
BRIGADE (MELODY)	9.0	9.0
CAPITOL	9.0	9.0
ERG 1143	9.0	9.0
EUREKA	9.0	9.0
FERNANDO (HF 112)	9.0	9.0
JAMESTOWN II	9.0	9.0
KOKET	9.0	9.0
MX 86	9.0	9.0
PROFORMER (JMB-89)	9.0	9.0
PST-4AG	9.0	9.0
PST-4CD	9.0	9.0
PST-4HD	9.0	9.0
PST-4R3	9.0	9.0
RAINBOW	9.0	9.0
RAYMOND	9.0	9.0
RELIANT-NO ENDOPHYTE	9.0	9.0
RELIANT-W/ ENDOPHYTE	9.0	9.0
SCALDIS	9.0	9.0
SCARLET	9.0	9.0
SERRA	9.0	9.0
SHADOW W/ENDO. (PST-SHE)	9.0	9.0
SILVANA	9.0	9.0
SOUTHPORT	9.0	9.0
SR 3000	9.0	9.0
SR 3100 (SRX 89-31)	9.0	9.0
SR 5000	9.0	9.0
TROPHY (ESTORIL)	9.0	9.0
WALDRF	9.0	9.0
WARWICK	9.0	9.0
WILMA	9.0	9.0
89.LKR	8.7	8.7
ATTILA	8.7	8.7
AURORA	8.7	8.7
BAR FO 9A2	8.7	8.7
BARGREEN	8.7	8.7
BARREPO	8.7	8.7
BRIDGEPORT (N-105)	8.7	8.7
CAMARO	8.7	8.7
CLAUDIA	8.7	8.7
DOVER (NK 82492)	8.7	8.7
ENJOY	8.7	8.7
EPSOM	8.7	8.7
JAMESTOWN	8.7	8.7

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	NJ3	MEAN
LONGFELLOW	8.7	8.7
MARY	8.7	8.7
MOLINDA	8.7	8.7
OFI 89-200	8.7	8.7
PST-4FE	8.7	8.7
PUMA	8.7	8.7
SHADOW	8.7	8.7
SIMONE (LD 3485)	8.7	8.7
SYLVESTER	8.7	8.7
VALDA	8.7	8.7
BOREAL	8.3	8.3
BELVEDERE	8.0	8.0
COLLO (LD 3414)	8.0	8.0
FRANKLIN	7.7	7.7
BARGENA	7.3	7.3
ELANCR	7.3	7.3
HERALD	7.3	7.3
SUNSET (ZW 42-158)	7.3	7.3
FRT-30149	7.0	7.0
SALEM	7.0	7.0
BARLOTTE	6.7	6.7
NAPOLI (LD 3488)	6.3	6.3
BARIM (BAR FR8RC3)	6.0	6.0
TALUS (LD 3438)	6.0	6.0
BARCROWN	5.7	5.7
HF 138	5.7	5.7
PST-4NI	5.7	5.7
REVERE (NK 88001)	5.3	5.3
COMFORT (HF 102)	5.0	5.0
JASPER	4.7	4.7
ENSYLVA	4.3	4.3
PST-43F	4.3	4.3
WW RS 143	4.3	4.3
BARSKOL (BAR FR 9P)	4.0	4.0
CINDY	4.0	4.0
WW RS 130	4.0	4.0
WW RS 138	3.7	3.7
FLYER	3.3	3.3
PST-4C8	3.3	3.3
SHADEMASTER	3.0	3.0
VISTA	3.0	3.0
MARKER	2.3	2.3
DAWSON	2.0	2.0
SMIRNA (ZW 42-160)	1.0	1.0

LSD VALUE 1.8 1.8

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

TABLE 16B. DOLLAR SPOT RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
PST-4R3	9.0	9.0
CLAUDIA	8.7	8.7
SYLVESTER	8.7	8.7
BOREAL	8.3	8.3
BELVEDERE	8.0	8.0
COLLO (LD 3414)	8.0	8.0
FRANKLIN	7.7	7.7
BARGENA	7.3	7.3
ELANOR	7.3	7.3
HERALD	7.3	7.3
SUNSET (ZW 42-158)	7.3	7.3
SALEM	7.0	7.0
BARIM (BAR FR8RC3)	6.0	6.0
TALUS (LD 3438)	6.0	6.0
PST-4NI	5.7	5.7
REVERE (NK 88001)	5.3	5.3
JASPER	4.7	4.7
ENSYLVA	4.3	4.3
PST-43F	4.3	4.3
WW RS 143	4.3	4.3
CINDY	4.0	4.0
WW RS 130	4.0	4.0
WW RS 138	3.7	3.7
FLYER	3.3	3.3
PST-4C8	3.3	3.3
SHADEMASTER	3.0	3.0
VISTA	3.0	3.0
LSD VALUE	2.9	2.9

TABLE 16C. DOLLAR SPOT RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
FRT-30149	7.0	7.0
BARLOTTE	6.7	6.7
NAPOLI (LD 3488)	6.3	6.3
BARCROWN	5.7	5.7
HF 138	5.7	5.7
COMFORT (HF 102)	5.0	5.0
BARSKOL (BAR FR 9P)	4.0	4.0
MARKER	2.3	2.3
DAWSON	2.0	2.0
SMIRNA (ZW 42-160)	1.0	1.0
LSD VALUE	2.3	2.3

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).

TABLE 16D. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
ATLANIA	9.0	9.0
BANNER	9.0	9.0
BARLANDER (BAR FR 9F)	9.0	9.0
BARNICA	9.0	9.0
CAPITOL	9.0	9.0
ERG 1143	9.0	9.0
FERNANDO (HF 112)	9.0	9.0
JAMESTOWN II	9.0	9.0
KOKET	9.0	9.0
PROFORMER (JMB-89)	9.0	9.0
PST-4CD	9.0	9.0
RAINBOW	9.0	9.0
RAYMOND	9.0	9.0
SCARLET	9.0	9.0
SHADOW W/ENDO. (PST-SHE)	9.0	9.0
SOUTHPORT	9.0	9.0
SR 5000	9.0	9.0
TROPHY (ESTORIL)	9.0	9.0
WALDORF	9.0	9.0
WILMA	9.0	9.0
89.LKR	8.7	8.7
BARGREEN	8.7	8.7
BRIDGEPORT (N-105)	8.7	8.7
CAMARO	8.7	8.7
DOVER (NK 82492)	8.7	8.7
ENJOY	8.7	8.7
EPSOM	8.7	8.7
JAMESTOWN	8.7	8.7
LONGFELLOW	8.7	8.7
MARY	8.7	8.7
MOLINDA	8.7	8.7
OPI 89-200	8.7	8.7
PST-4FE	8.7	8.7
PUMA	8.7	8.7
SHADOW	8.7	8.7
SIMONE (LD 3485)	8.7	8.7
LSD VALUE	0.6	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 16E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
AURORA W/ENDO. (PST-AUE)	9.0	9.0
BILJART	9.0	9.0
EUREKA	9.0	9.0
PST-4AG	9.0	9.0
PST-4HD	9.0	9.0
RELIANT-NO ENDOPHYTE	9.0	9.0
RELIANT-W/ ENDOPHYTE	9.0	9.0
SCALDIS	9.0	9.0
SERRA	9.0	9.0
SILVANA	9.0	9.0
SR 3000	9.0	9.0
SR 3100 (SRX 89-31)	9.0	9.0
WARWICK	9.0	9.0
ATTILA	8.7	8.7
AURORA	8.7	8.7
BAR FO 9A2	8.7	8.7
BARREPPPO	8.7	8.7
VALDA	8.7	8.7
LSD VALUE	0.5	0.5

TABLE 16F. DOLLAR SPOT RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

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

NAME	NJ3	MEAN
BIGHORN	9	9
MX 86	9	9
LSD VALUE	0	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).

TABLE 17A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 1/			MEAN
	NJ2	NJ3	RI1	
PST-4HD	8.7	8.3	9.0	8.7
PST-4AG	8.0	7.7	8.3	8.0
SILVANA	8.3	8.7	7.0	8.0
SR 3100 (SRX 89-31)	8.3	8.0	7.3	7.9
VALDA	8.7	7.7	7.3	7.9
WARWICK	8.0	7.3	8.0	7.8
WALDORF	8.0	7.0	8.0	7.7
SERRA	7.7	7.7	7.5	7.6
BAR FO 9A2	8.3	7.0	7.3	7.6
BRIGADE (MELODY)	8.3	8.3	6.0	7.6
RELIANT-W/ ENDOPHYTE	8.3	7.0	7.3	7.6
AURORA W/ENDO. (PST-AUE)	8.0	7.3	7.3	7.6
AURORA	8.0	6.7	7.3	7.3
MX 86	7.0	8.3	6.7	7.3
SCALDIS	8.0	7.7	6.0	7.2
89.LKR	7.0	7.7	6.7	7.1
SR 3000	7.3	7.3	6.7	7.1
ATTILA	8.0	7.3	5.7	7.0
BARREPPPO	7.3	7.3	6.3	7.0
BIGHORN	8.3	8.7	4.0	7.0
SOUTHPORT	6.7	7.7	6.7	7.0
EUREKA	7.7	6.0	7.0	6.9
RAINBOW	7.0	6.7	7.0	6.9
BARGREEN	6.3	6.3	8.0	6.9
BILJART	8.0	6.3	6.3	6.9
JAMESTOWN II	6.3	6.7	7.3	6.8
OFI 89-200	6.0	7.0	7.3	6.8
RELIANT-NO ENDOPHYTE	8.7	7.3	3.7	6.6
LONGFELLOW	5.0	7.3	7.0	6.4
PROFORMER (JMB-89)	5.3	7.7	6.3	6.4
SHADOW W/ENDO. (PST-SHE)	5.3	6.7	7.3	6.4
BARCROWN	6.0	5.7	7.3	6.3
BRIDGEPORT (N-105)	4.7	8.0	6.3	6.3
EPSOM	6.7	5.3	7.0	6.3
ERG 1143	5.7	6.3	7.0	6.3
PUMA	5.7	5.7	7.7	6.3
SR 5000	5.0	7.3	6.7	6.3
ATLANTA	7.0	5.7	6.0	6.2
SIMONE (LD 3485)	7.7	5.3	5.7	6.2
MARY	7.3	5.3	6.0	6.2
DOVER (NK 82492)	6.7	6.3	5.3	6.1
FERNANDO (HF 112)	6.0	6.0	6.0	6.0
TROPHY (ESTORIL)	6.3	6.0	5.7	6.0
JAMESTOWN	5.7	7.0	5.0	5.9
ENJOY	4.7	6.0	6.7	5.8
BARLANDER (BAR FR 9F)	6.0	4.7	6.3	5.7
MOLINDA	4.7	5.0	7.3	5.7
BARSKOL (BAR FR 9P)	4.7	6.3	5.7	5.6
SMIRNA (ZW 42-160)	5.0	5.0	6.7	5.6
RAYMOND	6.3	5.3	5.0	5.6

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	NJ2	NJ3	RI1	MEAN
BANNER	5.0	5.3	6.0	5.4
SHADOW	4.7	4.3	7.3	5.4
PST-4CD	4.7	6.3	5.0	5.3
WILMA	4.3	6.0	5.7	5.3
DAWSON	5.7	4.3	5.7	5.2
FRT-30149	4.7	4.7	6.0	5.1
NAPOLI (LD 3488)	6.7	3.0	5.7	5.1
KOKET	3.7	5.3	6.0	5.0
MARKER	4.3	5.3	5.3	5.0
PST-4FE	3.3	6.3	5.0	4.9
CAPITOL	6.0	3.3	5.0	4.8
TALUS (LD 3438)	5.0	4.0	5.3	4.8
CAMARO	4.7	4.7	4.7	4.7
BARNICA	4.7	3.7	5.3	4.6
COMFORT (HF 102)	4.3	2.7	6.3	4.4
ELANOR	4.0	4.3	5.0	4.4
JASPER	4.3	5.0	4.0	4.4
PST-4R3	3.7	5.0	4.7	4.4
SCARLET	3.3	5.7	4.3	4.4
BARLOTTE	4.3	3.0	5.3	4.2
FLYER	4.3	4.7	3.3	4.1
SHADEMASTER	3.0	3.3	6.0	4.1
BELVEDERE	4.3	3.0	5.0	4.1
HF 138	4.3	4.3	3.7	4.1
PST-43F	3.3	4.0	4.7	4.0
REVERE (NK 88001)	4.0	2.3	5.7	4.0
SALEM	5.0	3.0	4.0	4.0
COLLO (LD 3414)	4.7	2.7	4.3	3.9
PST-4NI	4.7	2.0	5.0	3.9
PST-4C8	3.7	4.3	3.7	3.9
WW RS 138	3.3	3.0	4.3	3.6
WW RS 143	2.7	2.3	5.7	3.6
SUNSET (ZW 42-158)	3.0	1.7	5.7	3.4
SYLVESTER	3.0	2.3	5.0	3.4
VISTA	3.3	3.7	3.3	3.4
FRANKLIN	3.0	2.0	4.7	3.2
WW RS 130	3.0	2.0	4.7	3.2
BARIM (BAR ER8RC3)	3.3	2.0	4.0	3.1
HERALD	3.3	3.0	3.0	3.1
CINDY	3.0	2.3	3.3	2.9
BOREAL	3.7	1.7	3.3	2.9
CLAUDIA	2.7	2.7	3.0	2.8
BARGENA	3.0	2.0	3.0	2.7
ENSYLVA	3.0	1.3	2.7	2.3

LSD VALUE 2.0 2.0 2.2 1.2
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).

TABLE 17B. RED THREAD RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/				
NAME	NJ2	NJ3	RI1	MEAN
TALUS (LD 3438)	5.0	4.0	5.3	4.8
ELANOR	4.0	4.3	5.0	4.4
JASPER	4.3	5.0	4.0	4.4
PST-4R3	3.7	5.0	4.7	4.4
FLYER	4.3	4.7	3.3	4.1
SHADEMASTER	3.0	3.3	6.0	4.1
BELVEDERE	4.3	3.0	5.0	4.1
PST-43F	3.3	4.0	4.7	4.0
REVERE (NK 88001)	4.0	2.3	5.7	4.0
SALEM	5.0	3.0	4.0	4.0
COLLO (LD 3414)	4.7	2.7	4.3	3.9
PST-4NI	4.7	2.0	5.0	3.9
PST-4C8	3.7	4.3	3.7	3.9
WW RS 138	3.3	3.0	4.3	3.6
WW RS 143	2.7	2.3	5.7	3.6
SUNSET (ZW 42-158)	3.0	1.7	5.7	3.4
SYLVESTER	3.0	2.3	5.0	3.4
VISTA	3.3	3.7	3.3	3.4
FRANKLIN	3.0	2.0	4.7	3.2
WW RS 130	3.0	2.0	4.7	3.2
BARIM (BAR FR8RC3)	3.3	2.0	4.0	3.1
HERALD	3.3	3.0	3.0	3.1
CINDY	3.0	2.3	3.3	2.9
BOREAL	3.7	1.7	3.3	2.9
CLAUDIA	2.7	2.7	3.0	2.8
BARGENA	3.0	2.0	3.0	2.7
ENSYLVA	3.0	1.3	2.7	2.3
LSD VALUE	1.6	1.8	2.5	1.2

TABLE 17C. RED THREAD RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/				
NAME	NJ2	NJ3	RI1	MEAN
BARCROWN	6.0	5.7	7.3	6.3
BARSKOL (BAR FR 9F)	4.7	6.3	5.7	5.6
SMIRNA (ZW 42-160)	5.0	5.0	6.7	5.6
DAWSON	5.7	4.3	5.7	5.2
FRT-30149	4.7	4.7	6.0	5.1
NAPOLI (LD 3488)	6.7	3.0	5.7	5.1
MARKER	4.3	5.3	5.3	5.0
COMFORT (HF 102)	4.3	2.7	6.3	4.4
BARLOTTE	4.3	3.0	5.3	4.2
HF 138	4.3	4.3	3.7	4.1
LSD VALUE	2.1	2.4	2.4	1.3

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).

TABLE 17D. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/				
NAME	NJ2	NJ3	RI1	MEAN
WALDORF	8.0	7.0	8.0	7.7
89.LKR	7.0	7.7	6.7	7.1
SOUTHPORT	6.7	7.7	6.7	7.0
RAINBOW	7.0	6.7	7.0	6.9
BARGREEN	6.3	6.3	8.0	6.9
JAMESTOWN II	6.3	6.7	7.3	6.8
OFI 89-200	6.0	7.0	7.3	6.8
LONGFELLOW	5.0	7.3	7.0	6.4
PROFORMER (JMB-89)	5.3	7.7	6.3	6.4
SHADOW W/ENDO. (PST-SHE)	5.3	6.7	7.3	6.4
BRIDGEPORT (N-105)	4.7	8.0	6.3	6.3
EPSOM	6.7	5.3	7.0	6.3
ERG 1143	5.7	6.3	7.0	6.3
PUMA	5.7	5.7	7.7	6.3
SR 5000	5.0	7.3	6.7	6.3
ATLANTA	7.0	5.7	6.0	6.2
SIMONE (LD 3485)	7.7	5.3	5.7	6.2
MARY	7.3	5.3	6.0	6.2
DOVER (NK 82492)	6.7	6.3	5.3	6.1
FERNANDO (HF 112)	6.0	6.0	6.0	6.0
TROPHY (ESTORIL)	6.3	6.0	5.7	6.0
JAMESTOWN	5.7	7.0	5.0	5.9
ENJOY	4.7	6.0	6.7	5.8
BARLANDER (BAR FR 9F)	6.0	4.7	6.3	5.7
MOLINDA	4.7	5.0	7.3	5.7
RAYMOND	6.3	5.3	5.0	5.6
BANNER	5.0	5.3	6.0	5.4
SHADOW	4.7	4.3	7.3	5.4
PST-4CD	4.7	6.3	5.0	5.3
WILMA	4.3	6.0	5.7	5.3
KOKET	3.7	5.3	6.0	5.0
PST-4FE	3.3	6.3	5.0	4.9
CAPITOL	6.0	3.3	5.0	4.8
CAMARO	4.7	4.7	4.7	4.7
BARNICA	4.7	3.7	5.3	4.6
SCARLET	3.3	5.7	4.3	4.4
LSD VALUE	2.5	2.3	2.3	1.3

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).

TABLE 17E. RED THREAD RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/				
NAME	NJ2	NJ3	RI1	MEAN
PST-4HD	8.7	8.3	9.0	8.7
PST-4AG	8.0	7.7	8.3	8.0
SILVANA	8.3	8.7	7.0	8.0
SR 3100 (SRX 89-31)	8.3	8.0	7.3	7.9
VALDA	8.7	7.7	7.3	7.9
WARWICK	8.0	7.3	8.0	7.8
SERRA	7.7	7.7	7.5	7.6
BAR FO 9A2	8.3	7.0	7.3	7.6
RELIANT-W/ ENDOPHYTE	8.3	7.0	7.3	7.6
AURORA W/ENDO. (PST-AUE)	8.0	7.3	7.3	7.6
AURORA	8.0	6.7	7.3	7.3
SCALDIS	8.0	7.7	6.0	7.2
SR 3000	7.3	7.3	6.7	7.1
ATTILA	8.0	7.3	5.7	7.0
BARREPPPO	7.3	7.3	6.3	7.0
EUREKA	7.7	6.0	7.0	6.9
BILJART	8.0	6.3	6.3	6.9
RELIANT-NO ENDOPHYTE	8.7	7.3	3.7	6.6
LSD VALUE	1.2	1.7	1.5	0.9

TABLE 17F. RED THREAD RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/				
NAME	NJ2	NJ3	RI1	MEAN
MX 86	7.0	8.3	6.7	7.3
BIGHORN	8.3	8.7	4.0	7.0
LSD VALUE	1.3	0.9	1.3	0.7

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).

TABLE 18A. CANOPY HEIGHT MEASUREMENTS OF FINELEAF FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
SUNSET (ZW 42-158)	9.3	9.3
WW RS 130	9.3	9.3
ELANOR	8.7	8.7
JASPER	8.7	8.7
PST-43F	8.7	8.7
SALEM	8.7	8.7
FRANKLIN	8.3	8.3
PST-4R3	8.3	8.3
SYLVESTER	8.0	8.0
TALUS (LD 3438)	8.0	8.0
BARSKOL (BAR FR 9P)	7.7	7.7
BELVEDERE	7.7	7.7
BOREAL	7.7	7.7
FLYER	7.7	7.7
KOKET	7.7	7.7
NAPOLI (LD 3488)	7.7	7.7
WW RS 138	7.7	7.7
WW RS 143	7.7	7.7
BARIM (BAR FR8RC3)	7.3	7.3
CLAUDIA	7.3	7.3
DAWSON	7.3	7.3
HERALD	7.3	7.3
JAMESTOWN II	7.3	7.3
PST-4AG	7.3	7.3
PST-4C8	7.3	7.3
PST-4NI	7.3	7.3
VISTA	7.3	7.3
BARCROWN	7.0	7.0
BARGENA	7.0	7.0
BRIGADE (MELODY)	7.0	7.0
CINDY	7.0	7.0
FRT-30149	7.0	7.0
RAYMOND	7.0	7.0
RELIANT-W/ ENDOPHYTE	7.0	7.0
SHADEMASTER	7.0	7.0
VALDA	7.0	7.0
WILMA	7.0	7.0
89.LKR	6.7	6.7
AURORA	6.7	6.7
CAPITOL	6.7	6.7
JAMESTOWN	6.7	6.7
MX 86	6.7	6.7
PST-4CD	6.7	6.7
PST-4FE	6.7	6.7
RELIANT-NO ENDOPHYTE	6.7	6.7
SHADOW	6.7	6.7
SILVANA	6.7	6.7
SOUTHPORT	6.7	6.7
SR 5000	6.7	6.7
AURORA W/ENDO. (PST-AUE)	6.3	6.3

CANOPY HEIGHT MEASUREMENTS OF FINELEAF FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING

NAME	PA2	MEAN
BANNER	6.3	6.3
BARNICA	6.3	6.3
BILJART	6.3	6.3
COLLO (LD 3414)	6.3	6.3
LONGFELLOW	6.3	6.3
MOLINDA	6.3	6.3
PROFORMER (JMB-89)	6.3	6.3
PUMA	6.3	6.3
REVERE (NK 88001)	6.3	6.3
SERRA	6.3	6.3
SR 3000	6.3	6.3
BAR FO 9A2	6.0	6.0
BARLANDER (BAR FR 9F)	6.0	6.0
BIGHORN	6.0	6.0
BRIDGEPORT (N-105)	6.0	6.0
ENJOY	6.0	6.0
ENSYIVA	6.0	6.0
FERNANDO (HF 112)	6.0	6.0
PST-4HD	6.0	6.0
SCALDIS	6.0	6.0
SCARLET	6.0	6.0
SHADOW W/ENDO. (PST-SHE)	6.0	6.0
SR 3100 (SRX 89-31)	6.0	6.0
TROPHY (ESTORIL)	6.0	6.0
WALDORF	6.0	6.0
ATLANIA	5.7	5.7
ATTILA	5.7	5.7
BARLOTTE	5.7	5.7
BARREPPPO	5.7	5.7
CAMARO	5.7	5.7
COMFORT (HF 102)	5.7	5.7
MARY	5.7	5.7
OFI 89-200	5.7	5.7
RAINBOW	5.7	5.7
BARGREEN	5.3	5.3
DOVER (NK 82492)	5.3	5.3
ERG 1143	5.3	5.3
HF 138	5.3	5.3
MARKER	5.3	5.3
SIMONE (LD 3485)	5.3	5.3
EUREKA	5.0	5.0
LSD VALUE	1.6	1.6

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 18B. CANOPY HEIGHT MEASUREMENTS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
SUNSET (ZW 42-158)	9.3	9.3
WW RS 130	9.3	9.3
EIANOR	8.7	8.7
JASPER	8.7	8.7
PST-43F	8.7	8.7
SALEM	8.7	8.7
FRANKLIN	8.3	8.3
PST-4R3	8.3	8.3
SYLVESTER	8.0	8.0
TALUS (LD 3438)	8.0	8.0
BELVEDERE	7.7	7.7
BOREAL	7.7	7.7
FLYER	7.7	7.7
WW RS 138	7.7	7.7
WW RS 143	7.7	7.7
BARIM (BAR FR8RC3)	7.3	7.3
CLAUDIA	7.3	7.3
HERALD	7.3	7.3
PST-4C8	7.3	7.3
PST-4NI	7.3	7.3
VISTA	7.3	7.3
BARGENA	7.0	7.0
CINDY	7.0	7.0
SHADEMASTER	7.0	7.0
COLLO (LD 3414)	6.3	6.3
REVERE (NK 88001)	6.3	6.3
ENSYLVA	6.0	6.0
LSD VALUE	1.8	1.8

TABLE 18C. CANOPY HEIGHT MEASUREMENTS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASUREMENTS IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
BARSKOL (BAR FR 9P)	7.7	7.7
NAPOLI (LD 3488)	7.7	7.7
DAWSON	7.3	7.3
BARCROWN	7.0	7.0
FRT-30149	7.0	7.0
BARLOTTE	5.7	5.7
COMFORT (HF 102)	5.7	5.7
HF 138	5.3	5.3
MARKER	5.3	5.3
LSD VALUE	1.5	1.5

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 18D. CANOPY HEIGHT MEASUREMENTS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
KOKET	7.7	7.7
JAMESTOWN II	7.3	7.3
RAYMOND	7.0	7.0
WILMA	7.0	7.0
89.LKR	6.7	6.7
CAPITOL	6.7	6.7
JAMESTOWN	6.7	6.7
PST-4CD	6.7	6.7
PST-4FE	6.7	6.7
SHADOW	6.7	6.7
SOUTHPORT	6.7	6.7
SR 5000	6.7	6.7
BANNER	6.3	6.3
BARNICA	6.3	6.3
LONGFELLOW	6.3	6.3
MOLINDA	6.3	6.3
PROFORMER (JMB-89)	6.3	6.3
PUMA	6.3	6.3
BARLANDER (BAR FR 9F)	6.0	6.0
BRIDGEPORT (N-105)	6.0	6.0
ENJOY	6.0	6.0
FERNANDO (HF 112)	6.0	6.0
SCARLET	6.0	6.0
SHADOW W/ENDO. (PST-SHE)	6.0	6.0
TROPHY (ESTORIL)	6.0	6.0
WALDORF	6.0	6.0
ATLANTA	5.7	5.7
CAMARO	5.7	5.7
MARY	5.7	5.7
OFI 89-200	5.7	5.7
RAINBOW	5.7	5.7
BARGREEN	5.3	5.3
DOVER (NK 82492)	5.3	5.3
ERG 1143	5.3	5.3
SIMONE (LD 3485)	5.3	5.3
LSD VALUE	1.4	1.4

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).

TABLE 18E. CANOPY HEIGHT MEASUREMENTS OF HARD FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
PST-4AG	7.3	7.3
RELIANT-W/ ENDOPHYTE	7.0	7.0
VALDA	7.0	7.0
AURORA	6.7	6.7
RELIANT-NO ENDOPHYTE	6.7	6.7
SILVANA	6.7	6.7
AURORA W/ENDO. (PST-AUE)	6.3	6.3
BILJART	6.3	6.3
SERRA	6.3	6.3
SR 3000	6.3	6.3
BAR FO 9A2	6.0	6.0
PST-4HD	6.0	6.0
SCALDIS	6.0	6.0
SR 3100 (SRX 89-31)	6.0	6.0
ATTILA	5.7	5.7
BARREPPPO	5.7	5.7
EUREKA	5.0	5.0
LSD VALUE	1.8	1.8

TABLE 18F. CANOPY HEIGHT MEASUREMENTS OF SHEEP FESCUE CULTIVARS
1991 DATA

CANOPY HEIGHT MEASURED IN INCHES: FIVE (5) WEEKS AFTER MOWING 1/

NAME	PA2	MEAN
MX 86	6.7	6.7
BIGHORN	6.0	6.0
LSD VALUE	2.1	2.1

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).

TABLE 19A. MOWING RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/		
NAME	PA1	MEAN
BARCROWN	7.7	7.7
DAWSON	7.3	7.3
FERNANDO (HF 112)	7.3	7.3
ATTILA	7.0	7.0
BARLOTTE	7.0	7.0
CAMARO	7.0	7.0
CINDY	7.0	7.0
COMFORT (HF 102)	7.0	7.0
ELANOR	7.0	7.0
MARKER	7.0	7.0
BARSKOL (BAR FR 9P)	6.7	6.7
FRANKLIN	6.7	6.7
FRT-30149	6.7	6.7
RAINBOW	6.7	6.7
RAYMOND	6.7	6.7
SALEM	6.7	6.7
SMIRNA (ZW 42-160)	6.7	6.7
VISTA	6.7	6.7
WW RS 130	6.7	6.7
AURORA W/ENDO. (PST-AUE)	6.3	6.3
BAR FO 9A2	6.3	6.3
BARREPPPO	6.3	6.3
BILJART	6.3	6.3
COLLO (LD 3414)	6.3	6.3
DOVER (NK 82492)	6.3	6.3
FLYER	6.3	6.3
HERALD	6.3	6.3
HF 138	6.3	6.3
JASPER	6.3	6.3
MOLINDA	6.3	6.3
NAPOLI (LD 3488)	6.3	6.3
PST-43F	6.3	6.3
REVERE (NK 88001)	6.3	6.3
SHADEMASTER	6.3	6.3
SYLVESTER	6.3	6.3
89.LKR	6.0	6.0
BARGREEN	6.0	6.0
BARIM (BAR FR8RC3)	6.0	6.0
BARLANDER (BAR FR 9F)	6.0	6.0
ENJOY	6.0	6.0
JAMESTOWN	6.0	6.0
JAMESTOWN II	6.0	6.0
OFI 89-200	6.0	6.0
PROFORMER (JMB-89)	6.0	6.0
PST-4C8	6.0	6.0
PST-4NI	6.0	6.0
PST-4R3	6.0	6.0
SCARLET	6.0	6.0
SERRA	6.0	6.0
SR 3000	6.0	6.0

MOWING RATINGS OF FINELEAF FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST

NAME	PA1	MEAN
TALUS (LD 3438)	6.0	6.0
TROPHY (ESTORIL)	6.0	6.0
WALDORF	6.0	6.0
WW RS 138	6.0	6.0
WW RS 143	6.0	6.0
AURORA	5.7	5.7
BARNICA	5.7	5.7
ENSYLVA	5.7	5.7
EPSOM	5.7	5.7
ERG 1143	5.7	5.7
LONGFELLOW	5.7	5.7
MARY	5.7	5.7
PUMA	5.7	5.7
SIMONE (LD 3485)	5.7	5.7
SOUTHPORT	5.7	5.7
WILMA	5.7	5.7
CLAUDIA	5.3	5.3
EUREKA	5.3	5.3
KOKET	5.3	5.3
PST-4FE	5.3	5.3
PST-4HD	5.3	5.3
SR 5000	5.3	5.3
SUNSET (ZW 42-158)	5.3	5.3
ATLANTA	5.0	5.0
BARGENA	5.0	5.0
BELVEDERE	5.0	5.0
BOREAL	5.0	5.0
BRIGADE (MELODY)	5.0	5.0
CAPITOL	5.0	5.0
MX 86	5.0	5.0
PST-4AG	5.0	5.0
RELIANT-W/ ENDOPHYTE	5.0	5.0
SHADOW W/ENDO. (PST-SHE)	5.0	5.0
VALDA	5.0	5.0
BANNER	4.7	4.7
PST-4CD	4.7	4.7
SILVANA	4.7	4.7
SR 3100 (SRX 89-31)	4.7	4.7
BIGHORN	4.3	4.3
BRIDGEPORT (N-105)	4.3	4.3
RELIANT-NO ENDOPHYTE	4.3	4.3
SCALDIS	4.3	4.3
SHADOW	4.3	4.3
LSD VALUE	1.1	1.1

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

TABLE 19B. MOWING RATINGS OF CREEPING RED FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/		
NAME	PA1	MEAN
CINDY	7.0	7.0
ELANOR	7.0	7.0
FRANKLIN	6.7	6.7
SALEM	6.7	6.7
VISTA	6.7	6.7
WW RS 130	6.7	6.7
COLLO (LD 3414)	6.3	6.3
FLYER	6.3	6.3
HERALD	6.3	6.3
JASPER	6.3	6.3
PST-43F	6.3	6.3
REVERE (NK 88001)	6.3	6.3
SHADEMASTER	6.3	6.3
SYLVESTER	6.3	6.3
BARIM (BAR FR8RC3)	6.0	6.0
PST-4C8	6.0	6.0
PST-4NI	6.0	6.0
PST-4R3	6.0	6.0
TALUS (LD 3438)	6.0	6.0
WW RS 138	6.0	6.0
WW RS 143	6.0	6.0
ENSYLVA	5.7	5.7
CIAUDIA	5.3	5.3
SUNSET (ZW 42-158)	5.3	5.3
BARGENA	5.0	5.0
BELVEDERE	5.0	5.0
BOREAL	5.0	5.0
LSD VALUE	1.2	1.2

TABLE 19C. MOWING RATINGS OF SLENDER CREEPING FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/		
NAME	PA1	MEAN
BARCROWN	7.7	7.7
DAWSON	7.3	7.3
BARLOTTE	7.0	7.0
COMFORT (HF 102)	7.0	7.0
MARKER	7.0	7.0
BARSKOL (BAR FR 9P)	6.7	6.7
FRT-30149	6.7	6.7
SMIRNA (ZW 42-160)	6.7	6.7
HF 138	6.3	6.3
NAPOLI (LD 3488)	6.3	6.3
LSD VALUE	1.1	1.1

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).

TABLE 19D. MOWING RATINGS OF CHEWINGS FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/		
NAME	PA1	MEAN
FERNANDO (HF 112)	7.3	7.3
CAMARO	7.0	7.0
RAINBOW	6.7	6.7
RAYMOND	6.7	6.7
DOVER (NK 82492)	6.3	6.3
MOLINDA	6.3	6.3
89.LKR	6.0	6.0
BARGREEN	6.0	6.0
BARLANDER (BAR FR 9F)	6.0	6.0
ENJOY	6.0	6.0
JAMESTOWN	6.0	6.0
JAMESTOWN II	6.0	6.0
OFT 89-200	6.0	6.0
PROFORMER (JMB-89)	6.0	6.0
SCARLET	6.0	6.0
TROPHY (ESTORIL)	6.0	6.0
WALDORF	6.0	6.0
BARNICA	5.7	5.7
EPSOM	5.7	5.7
ERG 1143	5.7	5.7
LONGFELLOW	5.7	5.7
MARY	5.7	5.7
PUMA	5.7	5.7
SIMONE (LD 3485)	5.7	5.7
SOUTHPORT	5.7	5.7
WILMA	5.7	5.7
KOKET	5.3	5.3
PST-4FE	5.3	5.3
SR 5000	5.3	5.3
ATLANTA	5.0	5.0
CAPITOL	5.0	5.0
SHADOW W/ENDO. (PST-SHE)	5.0	5.0
BANNER	4.7	4.7
PST-4CD	4.7	4.7
BRIDGEPORT (N-105)	4.3	4.3
SHADOW	4.3	4.3
LSD VALUE	1.1	1.1

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).

TABLE 19E. MOWING RATINGS OF HARD FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/

NAME	PA1	MEAN
ATTILA	7.0	7.0
AURORA W/ENDO. (PST-AUE)	6.3	6.3
BAR FO 9A2	6.3	6.3
BARREPPPO	6.3	6.3
BILJART	6.3	6.3
SERRA	6.0	6.0
SR 3000	6.0	6.0
AURORA	5.7	5.7
EUREKA	5.3	5.3
PST-4HD	5.3	5.3
PST-4AG	5.0	5.0
RELIANT-W/ ENDOPHYTE	5.0	5.0
VALDA	5.0	5.0
SILVANA	4.7	4.7
SR 3100 (SRX 89-31)	4.7	4.7
RELIANT-NO ENDOPHYTE	4.3	4.3
SCALDIS	4.3	4.3
LSD VALUE	1.1	1.1

TABLE 19F. MOWING RATINGS OF SHEEP FESCUE CULTIVARS
1991 DATA

MOWING RATINGS 1-9; 9=BEST 1/

NAME	PA1	MEAN
MX 86	5.0	5.0
BIGHORN	4.3	4.3
LSD VALUE	1.3	1.3

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).