

## **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.

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LOCATIONS SUBMITTING DATA FOR 1992

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn University	AL1
Idaho	Post Falls	ID2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
New Jersey	North Brunswick	NJ1
New Jersey	North Brunswick (low maintenance)	NJ2
New Jersey	Adelphia	NJ3
Ohio	Marysville	OH1
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
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, Inc
2	Elanor	creeping red	DLF-Trifolium (USA)	52	Jamestown	chewings	Loft'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, Inc.	54	Reliant-no endophyte	hard	Loft's Seed Co.
5	Camaro	chewings	Advanta Seeds West, Inc.	55	Reliant-w/endophyte	hard	Loft's Seed Co.
6	Sylvester	creeping red	Advanta Seeds West, Inc.	56	Dawson	slender creeping	Advanta Seeds West, Inc.
7	Molinda	chewings	Advanta Seeds West, Inc.	57	Silvana	hard	Advanta Seeds West, Inc.
8	Brigade (Melody)	hard	O. M. Scott & Sons	58	Biljart	hard	Advanta Seeds West, Inc.
9	WW Rs 130	creeping red	E. F. Burlingham & Son	59	Waldorf	chewings	Advanta Seeds West, Inc.
10	WW Rs 143	creeping red	E. F. Burlingham & Son	60	Epsom	chewings	Advanta Seeds West, Inc.
11	WW Rs 138	creeping red	E. F. Burlingham & Son	61	Bargena	creeping red	Barenbrug USA
12	Mx 86	sheep	Jacklin Seed Co.	62	Bargena II (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	Barenbrug USA
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, Inc.
19	Barnica	chewings	Barenbrug USA	69	Raymond	chewings	Advanta Seeds West, Inc.
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	Bardur (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	Discovery (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	Seabreeze (Frt-30149)	slender creeping	Pure-Seed Testing	87	Dignity (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	Tiffany (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, Inc.				
47	Scarlet	chewings	Advanta Seeds West, Inc.				
48	Mary	chewings	Advanta Seeds West, Inc.				
49	Comfort (HF 102)	slender creeping	Advanta Seeds West, Inc.				
50	Fernando (HF 112)	chewings	Advanta Seeds West, Inc.				

TABLE A.

1992 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 PRACTICES
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	3.1-4.0	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
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	1.1-1.5	ONLY DURING SEVERE STRESS
MD1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	1.1-2.0	PARTIAL SHADE	2.1-2.5	ONLY DURING SEVERE STRESS
MI1	SANDY LOAM	7.1-7.5	-	-	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	271-450	501+	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	LOAM	6.6-7.0	271-450	376-500	0.0-1.0	FULL SUN	1.6-2.0	NO IRRIGATION
NJ3	LOAM	5.6-6.0	151-270	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH2	SILTY CLAY LOAM	-	-	-	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
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	-	-	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
PA2	SILT LOAM AND SILT	5.6-6.0	61-150	-	0.0-1.0	FULL SUN	3.6-4.0	NO IRRIGATION
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SANDY LOAM	6.1-6.5	451+	151-240	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	6.6-7.0	151-270	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1992

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
AL1	X	X	X	X	X	X	X	X	X	X		
IA1					X	X	X	X	X			
ID2				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		X	X		X
MI1					X		X	X				
NJ1				X	X	X	X	X	X		X	X
NJ2					X	X	X	X	X		X	X
NJ3			X	X	X	X	X	X	X	X	X	
OH2						X						
OR2				X	X	X	X	X	X	X	X	X
OR9	X	X	X	X	X	X	X	X	X	X	X	X
PA1					X	X	X	X	X			
PA2						X	X	X				
RI1					X	X	X	X	X	X	X	
UB1				X	X	X	X		X		X	
WA1				X	X	X	X	X				

TABLE B. (CONTINUED)

## LOCATIONS AND DATA COLLECTED IN 1992

LOCATION	GENETIC COLOR RATING	SPRING GREENUP RATING	SPRING DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	WINTER COLOR	WINTER KILL	DOLLAR SPOT	RED THREAD	CANOPY HEIGHT
AL1										
IA1										
ID2	X	X				X	X			
IN1										
KY1										
MD1										
MI1										
NJ1								X		
NJ2								X		
NJ3					X				X	
OH2			X						X	
OR2										
OR9										
PA1										
PA2	X	X								X
RI1		X								
UB1				X						
WA1										



TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																MEAN		
	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1		UB1	WA1
* WARWICK	.	7.2	.	.	6.8	5.6	.	6.7	7.0	6.9	.	.	.	.	.	4.3	6.2	6.3	6.3
* DISCOVERY (PST-4HD)	5.6	7.3	5.9	6.0	7.3	5.4	5.4	7.2	6.9	7.1	6.0	6.9	5.9	6.2	6.1	5.4	6.4	6.2	6.3
* SR 3100 (SRX 89-31)	6.2	7.7	5.5	5.4	5.5	5.9	5.1	7.1	6.5	7.9	6.3	4.7	5.0	5.7	6.2	5.8	6.9	6.9	6.1
* AURORA W/ENDO. (PST-AUE)	5.5	7.2	6.3	5.3	6.9	5.5	5.9	6.3	7.1	5.2	6.7	6.1	5.5	5.9	5.4	4.9	5.3	6.0	5.9
* RELIANT-W/ ENDOPHYTE	5.6	7.2	6.0	5.8	6.5	5.2	5.6	6.4	7.1	6.9	5.3	5.9	5.3	6.3	5.6	4.3	5.4	6.3	5.9
* SOUTHPORT	6.5	6.7	5.7	5.3	7.5	4.6	6.6	5.5	5.2	5.8	6.3	6.3	6.4	5.3	4.6	6.2	5.6	6.4	5.9
* BRIDGEPORT (N-105)	6.6	7.2	6.0	4.8	7.5	4.9	6.1	5.8	5.2	5.6	5.7	5.9	6.0	5.7	4.9	6.2	5.8	6.3	5.9
* BRIGADE (MELODY)	5.5	7.2	5.4	5.9	6.3	5.3	5.1	6.6	6.7	5.1	6.3	5.8	4.5	6.4	5.6	5.5	6.4	6.1	5.9
* SR 3000	5.5	7.1	6.7	5.5	6.0	5.5	5.2	6.1	6.7	4.7	6.3	4.4	5.7	6.3	5.6	5.1	6.7	6.3	5.9
PST-4AG	5.3	7.1	6.2	5.7	7.0	5.1	5.2	5.8	7.4	4.6	6.0	5.3	5.5	6.5	5.7	4.9	6.1	6.0	5.9
* AURORA	5.9	6.8	6.2	4.8	7.4	5.2	5.2	5.4	6.7	5.4	6.7	5.7	5.6	6.1	5.6	4.6	5.7	6.2	5.8
* TIFFANY (PST-4CD)	6.4	6.9	5.7	5.2	7.9	4.9	6.0	5.7	4.9	5.7	5.7	5.4	6.1	5.5	4.9	6.5	4.9	6.1	5.8
* SR 5000	6.7	6.9	6.9	5.3	7.0	5.1	6.0	5.5	5.2	5.6	5.3	5.0	5.9	5.4	4.7	6.3	5.8	5.8	5.8
* EUREKA	5.7	7.0	6.1	5.5	6.1	4.7	5.4	5.9	6.6	4.2	6.3	5.2	4.7	5.9	5.4	5.7	6.2	6.6	5.7
* LONGFELLOW	6.4	6.7	6.7	5.1	5.7	5.4	6.0	5.7	4.6	5.6	5.3	5.0	6.1	5.5	4.9	6.3	5.7	6.5	5.7
* JAMESTOWN II	6.6	6.8	6.5	4.9	7.0	5.3	6.3	5.4	5.1	5.1	5.3	5.1	5.8	5.5	4.7	5.8	5.5	6.3	5.7
* RELIANT-NO ENDOPHYTE	5.6	6.8	6.7	5.6	7.1	4.9	5.6	6.2	6.7	4.7	6.0	4.6	5.1	5.9	5.4	4.4	5.0	6.4	5.7
* SERRA	5.4	6.7	6.3	5.4	6.1	5.3	5.0	6.3	6.9	5.6	5.3	5.0	4.4	6.3	4.9	5.0	6.8	6.1	5.7
* SCALDIS	5.0	6.3	5.5	6.0	5.5	5.8	5.1	6.0	6.8	6.0	5.3	5.2	5.4	6.1	5.7	4.1	6.4	6.2	5.7
* PROFORMER (JMB-89)	6.8	6.4	5.6	5.4	7.3	5.2	6.0	5.7	4.5	5.3	5.0	5.6	5.9	5.3	4.8	6.0	5.4	5.9	5.7
* SILVANA	5.5	7.1	6.6	5.6	6.0	5.5	5.3	5.5	6.5	5.0	5.7	4.3	5.0	5.6	5.4	5.1	6.2	6.3	5.7
* SHADOW W/ENDO. (PST-SHE)	6.4	6.9	6.1	4.8	7.5	4.1	5.9	5.4	5.0	5.7	4.7	6.0	6.0	5.1	4.8	6.2	5.3	6.2	5.7
89.LKR	.	7.2	.	5.7	6.5	5.4	.	5.5	5.0	5.0	.	6.1	6.3	5.7	4.7	5.7	4.1	6.4	5.7
* BILJART	5.0	7.3	6.7	5.5	5.8	5.8	5.7	5.2	6.8	4.4	5.7	4.9	5.1	5.6	5.7	4.8	5.4	6.5	5.7
* VALDA	4.5	6.3	6.4	5.3	2.5	5.3	5.9	5.8	6.8	5.8	5.3	5.8	5.2	6.3	5.6	5.2	5.4	6.6	5.5
* BIGHORN	5.7	6.3	5.7	5.9	6.4	5.4	5.4	6.0	5.9	4.3	6.7	5.9	4.6	5.7	5.8	3.9	5.2	4.8	5.5
* ATTLA	5.3	7.3	6.5	5.9	3.9	5.2	5.0	4.5	6.5	4.4	5.3	5.4	5.2	5.9	5.6	6.1	4.8	6.7	5.5
* DIGNITY (OFI 89-200)	6.4	6.7	6.7	4.9	5.8	4.3	6.0	6.1	4.6	5.1	4.7	4.6	6.0	5.3	4.7	6.2	4.6	6.3	5.5
PST-4FE	6.7	6.7	6.3	5.3	7.0	4.7	5.9	5.0	4.4	4.9	4.7	4.9	6.4	5.6	4.6	6.4	3.4	6.2	5.5
* BARDUR (BAR FO 9A2)	4.9	6.9	5.4	5.7	5.0	5.3	5.9	4.3	6.1	3.6	6.0	4.7	5.1	5.5	5.8	4.5	5.1	6.3	5.3
PST-4R3	4.7	7.1	4.2	4.8	7.3	4.4	5.6	5.2	4.5	5.4	5.0	5.2	6.2	5.1	4.0	5.6	4.2	6.0	5.2
* WALDORF	4.7	6.9	6.4	4.9	3.8	4.8	5.9	5.6	5.2	4.4	4.0	4.9	5.5	5.6	5.4	5.0	4.4	6.0	5.2
* MX 86	5.2	5.8	4.8	5.5	5.8	5.6	5.1	4.8	6.1	3.6	6.7	5.0	3.8	5.7	5.0	3.9	5.2	4.5	5.1
* EPSOM	5.8	7.3	5.7	4.6	2.0	5.0	6.0	5.0	4.7	4.3	3.0	6.3	6.0	5.4	.	5.5	4.0	6.3	5.1
* BANNER	5.4	6.2	5.3	5.1	4.0	5.3	6.0	5.3	4.4	4.9	4.7	4.6	5.8	4.5	4.3	5.7	3.9	6.1	5.1
* MOLINDA	4.9	6.8	6.0	4.7	4.0	4.9	5.9	5.5	4.8	4.0	4.0	6.4	5.7	5.5	4.6	5.9	1.9	5.9	5.1
BARGREEN	5.8	7.2	5.8	3.7	2.3	4.4	5.1	5.3	5.6	4.7	4.0	5.2	6.1	5.9	5.0	6.0	2.7	6.1	5.1
* SALEM	4.4	6.7	5.0	4.4	7.4	5.2	6.1	4.7	3.5	3.1	4.0	6.3	6.0	4.8	4.1	5.5	3.7	6.0	5.1
* ATLANTA	4.7	7.1	5.8	4.8	3.5	4.9	5.7	4.8	4.9	3.9	4.3	5.7	5.8	5.3	4.8	6.0	3.1	5.8	5.0
* SEABREEZE (FRT-30149)	4.2	7.3	7.3	3.1	2.7	5.0	5.4	4.9	3.9	3.1	3.7	6.1	6.6	6.6	4.9	6.2	3.2	6.3	5.0
* ENJOY	5.0	7.1	5.8	3.8	3.5	4.7	6.0	4.4	5.2	4.0	3.0	5.9	6.0	5.3	5.1	6.4	2.3	6.5	5.0
PST-43F	4.3	7.3	3.2	4.8	6.2	5.3	5.7	5.3	3.2	3.1	4.3	6.2	6.4	5.1	4.1	5.9	3.6	5.9	5.0
* TROPHY (ESTORIL)	5.3	7.2	6.7	3.1	2.7	4.9	6.1	5.0	5.3	4.0	3.7	4.5	6.7	6.0	4.4	6.0	2.1	5.8	5.0
* SHADOW	5.3	6.3	5.8	3.8	4.8	5.1	5.7	5.3	4.6	4.5	3.3	4.9	5.4	5.1	4.4	5.7	3.5	6.0	5.0
* JAMESTOWN	5.5	6.2	4.8	4.4	5.0	5.1	5.7	4.8	4.8	4.3	4.7	4.7	5.6	4.5	4.4	5.8	3.4	5.6	5.0
JASPER	4.1	7.1	5.5	3.6	4.6	4.7	5.8	5.0	3.0	3.4	4.3	6.3	6.1	5.2	4.3	6.0	3.7	6.3	4.9
PST-4NI	4.2	6.9	3.4	4.3	6.7	4.7	6.1	4.8	3.5	3.0	4.7	5.6	5.9	5.2	4.1	6.0	3.8	6.0	4.9
BARREPPPO	3.8	5.7	5.6	5.4	4.5	4.9	5.1	4.7	6.0	3.4	5.3	4.4	4.9	5.0	5.2	4.3	4.6	5.8	4.9
* HERALD	4.0	6.8	5.9	4.1	4.3	4.9	5.8	4.5	3.7	4.0	3.3	6.7	5.6	5.5	4.3	5.8	3.2	5.9	4.9

TABLE 1A.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																		
	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
PST-4C8	4.2	7.1	5.0	4.3	5.2	5.1	6.1	4.6	3.4	3.6	3.3	5.8	6.4	5.1	4.2	5.6	3.3	5.9	4.9
* VISTA	4.4	6.9	2.7	4.9	6.7	4.7	5.7	4.6	3.3	3.2	4.7	6.2	5.8	4.9	3.9	5.1	3.8	5.9	4.8
ERG 1143	4.0	6.8	5.3	5.1	2.6	5.3	5.2	4.5	5.2	3.9	3.0	5.3	5.6	5.5	5.8	5.9	2.0	6.1	4.8
* MARY	4.6	6.7	4.8	4.0	4.0	4.7	5.7	4.4	4.7	4.2	3.7	5.3	5.8	5.3	5.0	5.9	1.8	6.3	4.8
* CAMARO	4.8	6.8	5.9	3.2	3.2	4.3	6.0	5.0	4.7	4.4	4.0	5.0	5.6	5.5	4.2	6.3	2.0	5.7	4.8
* FLYER	4.0	6.7	3.8	4.8	5.8	5.1	6.0	4.3	2.8	3.3	4.3	5.7	5.7	4.7	4.4	5.4	3.6	5.7	4.8
* WILMA	5.9	6.3	4.6	5.0	3.7	4.6	6.0	3.4	4.3	4.2	4.0	3.9	5.8	4.8	4.7	5.7	2.9	6.2	4.8
* RAYMOND	5.2	6.5	5.5	4.3	2.6	4.4	5.8	3.7	4.8	3.8	3.3	5.1	6.1	5.2	5.0	6.0	2.3	6.1	4.8
HF 138	4.1	6.9	4.9	3.3	5.1	5.2	6.1	4.6	3.3	3.2	3.0	6.0	6.3	5.0	4.6	5.8	2.7	5.8	4.8
* SHADEMASTER	3.5	6.8	4.4	4.7	5.5	5.2	5.1	4.5	3.2	3.6	4.3	5.8	5.7	4.9	3.9	5.0	4.1	5.6	4.8
* DOVER (NK 82492)	5.2	6.6	5.3	4.7	1.4	4.7	5.7	3.8	4.1	4.6	5.0	4.9	5.2	5.0	4.3	6.2	3.0	5.9	4.8
NAPOLI (LD 3488)	2.9	7.5	4.1	3.1	3.5	5.1	6.0	4.6	4.2	3.1	3.0	6.9	6.1	5.9	4.8	5.8	2.3	6.6	4.7
* SCARLET	4.2	7.1	4.6	4.4	3.6	4.7	5.9	3.8	4.2	3.4	3.0	5.9	5.8	5.3	4.9	6.4	1.9	6.2	4.7
BELVEDERE	4.1	6.5	3.5	4.9	4.8	5.4	5.2	4.4	4.3	4.0	3.7	4.7	5.4	5.6	4.1	5.1	4.1	5.1	4.7
* PUMA	4.4	6.6	6.1	3.8	3.2	4.8	5.9	3.8	4.7	3.6	3.7	5.3	5.4	4.7	4.8	5.6	2.3	6.1	4.7
* BARLANDER (BAR FR 9F)	4.5	7.1	5.4	2.8	4.2	5.0	4.9	4.7	4.1	3.5	3.0	5.2	6.8	4.9	5.6	5.6	1.5	6.0	4.7
* SMIRNA (ZW 42-160)	3.3	7.3	6.0	3.3	1.5	5.7	5.7	4.4	2.8	1.7	4.3	6.4	6.7	6.4	.	5.3	3.2	6.0	4.7
* KOKET	5.1	6.5	5.7	4.3	4.4	4.9	5.7	4.0	4.7	3.6	3.7	5.3	5.3	4.5	4.2	5.6	1.4	5.9	4.7
FERNANDO (HF 112)	5.3	7.3	5.3	3.3	2.4	4.8	6.3	3.8	5.0	3.6	2.3	4.4	6.2	5.7	4.8	6.1	1.5	6.4	4.7
* CINDY	4.0	7.2	3.2	3.9	3.6	4.7	6.2	4.2	3.4	3.7	3.0	6.8	6.3	4.6	4.6	5.8	2.6	6.4	4.7
SIMONE (LD 3485)	4.9	7.1	6.8	3.8	2.4	4.7	5.8	4.3	5.3	3.1	2.3	4.8	5.5	5.1	5.2	5.5	1.6	5.7	4.7
RAINBOW	4.7	7.0	4.2	3.7	2.2	4.9	6.1	4.1	4.3	3.3	3.7	5.0	6.1	5.7	5.2	5.7	1.6	6.3	4.6
* BARCROWN	3.3	7.7	4.4	2.3	2.5	4.6	5.4	5.7	3.1	2.9	2.0	7.0	6.8	6.0	5.7	5.5	2.6	6.1	4.6
* REVERE (NK 88001)	4.6	6.5	4.6	4.4	4.9	4.7	5.6	3.9	2.8	3.2	3.3	5.3	5.5	5.5	5.3	4.6	3.3	5.5	4.6
* DAWSON	3.8	6.9	5.3	3.8	2.8	4.7	5.8	4.1	3.0	2.4	3.7	6.3	6.3	5.8	4.0	5.0	3.4	5.9	4.6
* CAPITOL	4.6	6.6	4.8	4.0	3.3	3.9	5.7	3.9	4.3	3.4	3.3	5.4	5.6	5.3	5.0	5.0	2.6	5.9	4.6
COLLO (LD 3414)	3.9	6.5	4.7	3.9	4.5	4.7	5.4	4.3	3.8	3.0	3.7	4.8	5.3	5.4	4.3	4.9	3.4	5.5	4.6
* BARNICA	4.3	6.4	5.9	3.6	3.8	4.9	5.1	4.2	4.2	3.4	3.3	4.8	5.4	4.7	4.4	5.4	2.2	6.0	4.6
* ENSYLVA	3.8	6.3	5.3	4.2	5.2	4.6	5.4	3.8	3.6	3.1	3.7	4.4	5.3	4.5	5.1	4.8	3.0	5.4	4.5
TALUS (LD 3438)	4.1	6.7	3.1	3.8	3.4	4.5	5.7	4.4	3.6	2.8	3.0	6.0	5.5	5.3	4.7	4.9	3.4	5.9	4.5
* MARKER	3.5	6.8	3.3	3.2	1.9	4.7	5.6	4.4	2.9	2.6	2.7	6.6	6.9	6.1	5.0	4.9	2.9	6.4	4.5
WW RS 138	3.7	6.5	2.9	3.3	5.5	5.2	5.3	4.3	3.1	3.1	3.0	5.5	5.7	4.8	3.9	5.1	3.4	5.8	4.5
BARGENA II (BAR FR8RC3)	3.6	6.2	5.3	4.1	5.2	4.1	5.6	3.7	3.4	2.7	4.0	5.3	5.6	4.8	3.8	4.7	2.8	5.4	4.5
* BARSKOL (BAR FR 9P)	2.9	7.3	4.3	3.7	2.7	4.6	5.7	4.4	3.9	2.9	2.0	5.2	6.8	5.8	4.9	5.2	2.0	5.7	4.4
* CLAUDIA	3.7	6.2	4.0	3.7	5.7	4.7	5.4	3.5	3.4	3.4	3.7	4.8	5.5	4.4	4.1	4.8	2.8	5.4	4.4
* BOREAL	3.7	6.5	3.9	3.8	5.7	4.6	5.9	3.4	3.1	3.2	3.3	5.2	5.3	4.9	3.7	4.6	2.7	5.7	4.4
WW RS 143	3.3	6.5	4.7	3.4	4.9	4.2	6.3	4.4	3.6	2.6	3.0	4.9	5.6	4.8	3.8	4.1	3.2	5.4	4.4
FRANKLIN	3.7	6.5	5.2	4.2	5.2	4.9	5.2	3.6	3.3	3.3	3.3	5.8	4.8	4.2	3.6	4.0	1.9	5.4	4.3
WW RS 130	3.3	6.6	2.5	4.1	3.5	4.7	5.7	4.6	3.7	2.9	3.3	5.8	5.8	5.0	3.4	4.7	2.3	6.0	4.3
* BARGENA	4.0	6.3	4.8	4.2	4.3	4.4	5.1	3.9	3.2	2.8	3.3	4.6	5.3	4.5	3.8	4.9	2.8	5.5	4.3
* ELANOR	4.0	6.0	5.8	3.4	3.7	3.4	5.1	4.4	3.7	3.1	3.0	5.1	5.5	4.5	3.9	4.5	2.8	5.8	4.3
* SUNSET (ZW 42-158)	3.1	6.4	4.5	3.8	4.8	4.4	5.4	3.7	3.0	2.9	3.0	5.6	5.4	4.3	4.0	4.6	2.7	5.3	4.3
* SYLVESTER	4.1	5.9	3.7	4.4	3.9	4.3	5.8	3.5	3.2	2.9	3.3	5.3	5.5	4.5	3.4	4.0	2.3	5.8	4.2
COMFORT (HF 102)	3.1	7.1	4.4	2.7	2.8	4.6	5.6	3.8	3.6	2.6	1.7	6.0	5.9	5.4	4.3	4.2	1.9	5.7	4.2
BARLOTTE	2.9	7.3	2.6	2.8	1.9	4.3	5.6	4.4	3.4	2.3	2.0	5.2	5.8	5.0	4.7	4.6	2.1	5.1	4.0

LSD VALUE

\* COMMERCIALY AVAILABLE IN THE UNITED STATES IN 1993

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
PST-4R3	4.7	7.1	4.2	4.8	7.3	4.4	5.6	5.2	4.5	5.4	5.0	5.2	6.2	5.1	4.0	5.6	4.2	6.0	5.2
SALEM	4.4	6.7	5.0	4.4	7.4	5.2	6.1	4.7	3.5	3.1	4.0	6.3	6.0	4.8	4.1	5.5	3.7	6.0	5.1
PST-43F	4.3	7.3	3.2	4.8	6.2	5.3	5.7	5.3	3.2	3.1	4.3	6.2	6.4	5.1	4.1	5.9	3.6	5.9	5.0
JASPER	4.1	7.1	5.5	3.6	4.6	4.7	5.8	5.0	3.0	3.4	4.3	6.3	6.1	5.2	4.3	6.0	3.7	6.3	4.9
PST-4NI	4.2	6.9	3.4	4.3	6.7	4.7	6.1	4.8	3.5	3.0	4.7	5.6	5.9	5.2	4.1	6.0	3.8	6.0	4.9
HERALD	4.0	6.8	5.9	4.1	4.3	4.9	5.8	4.5	3.7	4.0	3.3	6.7	5.6	5.5	4.3	5.8	3.2	5.9	4.9
PST-4C8	4.2	7.1	5.0	4.3	5.2	5.1	6.1	4.6	3.4	3.6	3.3	5.8	6.4	5.1	4.2	5.6	3.3	5.9	4.9
VISTA	4.4	6.9	2.7	4.9	6.7	4.7	5.7	4.6	3.3	3.2	4.7	6.2	5.8	4.9	3.9	5.1	3.8	5.9	4.8
FLYER	4.0	6.7	3.8	4.8	5.8	5.1	6.0	4.3	2.8	3.3	4.3	5.7	5.7	4.7	4.4	5.4	3.6	5.7	4.8
SHADEMASTER	3.5	6.8	4.4	4.7	5.5	5.2	5.1	4.5	3.2	3.6	4.3	5.8	5.7	4.9	3.9	5.0	4.1	5.6	4.8
BELVEDERE	4.1	6.5	3.5	4.9	4.8	5.4	5.2	4.4	4.3	4.0	3.7	4.7	5.4	5.6	4.1	5.1	4.1	5.1	4.7
CINDY	4.0	7.2	3.2	3.9	3.6	4.7	6.2	4.2	3.4	3.7	3.0	6.8	6.3	4.6	4.6	5.8	2.6	6.4	4.7
REVERE (NK 88001)	4.6	6.5	4.6	4.4	4.9	4.7	5.6	3.9	2.8	3.2	3.3	5.3	5.5	5.5	5.3	4.6	3.3	5.5	4.6
COLLO (LD 3414)	3.9	6.5	4.7	3.9	4.5	4.7	5.4	4.3	3.8	3.0	3.7	4.8	5.3	5.4	4.3	4.9	3.4	5.5	4.6
ENSYLVA	3.8	6.3	5.3	4.2	5.2	4.6	5.4	3.8	3.6	3.1	3.7	4.4	5.3	4.5	5.1	4.8	3.0	5.4	4.5
TALUS (LD 3438)	4.1	6.7	3.1	3.8	3.4	4.5	5.7	4.4	3.6	2.8	3.0	6.0	5.5	5.3	4.7	4.9	3.4	5.9	4.5
WW RS 138	3.7	6.5	2.9	3.3	5.5	5.2	5.3	4.3	3.1	3.1	3.0	5.5	5.7	4.8	3.9	5.1	3.4	5.8	4.5
BARGENA II (BAR FR8RC3)	3.6	6.2	5.3	4.1	5.2	4.1	5.6	3.7	3.4	2.7	4.0	5.3	5.6	4.8	3.8	4.7	2.8	5.4	4.5
CLAUDIA	3.7	6.2	4.0	3.7	5.7	4.7	5.4	3.5	3.4	3.4	3.7	4.8	5.5	4.4	4.1	4.8	2.8	5.4	4.4
BOREAL	3.7	6.5	3.9	3.8	5.7	4.6	5.9	3.4	3.1	3.2	3.3	5.2	5.3	4.9	3.7	4.6	2.7	5.7	4.4
WW RS 143	3.3	6.5	4.7	3.4	4.9	4.2	6.3	4.4	3.6	2.6	3.0	4.9	5.6	4.8	3.8	4.1	3.2	5.4	4.4
FRANKLIN	3.7	6.5	5.2	4.2	5.2	4.9	5.2	3.6	3.3	3.3	3.3	5.8	4.8	4.2	3.6	4.0	1.9	5.4	4.3
WW RS 130	3.3	6.6	2.5	4.1	3.5	4.7	5.7	4.6	3.7	2.9	3.3	5.8	5.8	5.0	3.4	4.7	2.3	6.0	4.3
BARGENA	4.0	6.3	4.8	4.2	4.3	4.4	5.1	3.9	3.2	2.8	3.3	4.6	5.3	4.5	3.8	4.9	2.8	5.5	4.3
ELANOR	4.0	6.0	5.8	3.4	3.7	3.4	5.1	4.4	3.7	3.1	3.0	5.1	5.5	4.5	3.9	4.5	2.8	5.8	4.3
SUNSET (ZW 42-158)	3.1	6.4	4.5	3.8	4.8	4.4	5.4	3.7	3.0	2.9	3.0	5.6	5.4	4.3	4.0	4.6	2.7	5.3	4.3
SYLVESTER	4.1	5.9	3.7	4.4	3.9	4.3	5.8	3.5	3.2	2.9	3.3	5.3	5.5	4.5	3.4	4.0	2.3	5.8	4.2
LSD VALUE	1.0	0.7	3.1	1.0	2.0	1.0	0.6	0.9	0.7	0.6	0.9	1.1	0.5	0.8	0.6	1.0	0.7	0.5	0.3

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
SEABREEZE (FRT-30149)	4.2	7.3	7.3	3.1	2.7	5.0	5.4	4.9	3.9	3.1	3.7	6.1	6.6	6.6	4.9	6.2	3.2	6.3	5.0
HF 138	4.1	6.9	4.9	3.3	5.1	5.2	6.1	4.6	3.3	3.2	3.0	6.0	6.3	5.0	4.6	5.8	2.7	5.8	4.8
NAPOLI (LD 3488)	2.9	7.5	4.1	3.1	3.5	5.1	6.0	4.6	4.2	3.1	3.0	6.9	6.1	5.9	4.8	5.8	2.3	6.6	4.7
SMIRNA (ZW 42-160)	3.3	7.3	6.0	3.3	1.5	5.7	5.7	4.4	2.8	1.7	4.3	6.4	6.7	6.4	.	5.3	3.2	6.0	4.7
BARCROWN	3.3	7.7	4.4	2.3	2.5	4.6	5.4	5.7	3.1	2.9	2.0	7.0	6.8	6.0	5.7	5.5	2.6	6.1	4.6
DAWSON	3.8	6.9	5.3	3.8	2.8	4.7	5.8	4.1	3.0	2.4	3.7	6.3	6.3	5.8	4.0	5.0	3.4	5.9	4.6
MARKER	3.5	6.8	3.3	3.2	1.9	4.7	5.6	4.4	2.9	2.6	2.7	6.6	6.9	6.1	5.0	4.9	2.9	6.4	4.5
BARSKOL (BAR FR 9P)	2.9	7.3	4.3	3.7	2.7	4.6	5.7	4.4	3.9	2.9	2.0	5.2	6.8	5.8	4.9	5.2	2.0	5.7	4.4
COMFORT (HF 102)	3.1	7.1	4.4	2.7	2.8	4.6	5.6	3.8	3.6	2.6	1.7	6.0	5.9	5.4	4.3	4.2	1.9	5.7	4.2
BARLOTTE	2.9	7.3	2.6	2.8	1.9	4.3	5.6	4.4	3.4	2.3	2.0	5.2	5.8	5.0	4.7	4.6	2.1	5.1	4.0
LSD VALUE	0.9	0.7	3.5	0.7	1.4	1.2	0.8	1.2	0.8	0.7	1.1	1.2	0.5	0.8	0.6	0.9	1.3	0.7	0.3

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 1D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																	MEAN	
	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1		WA1
SOUTHPORT	6.5	6.7	5.7	5.3	7.5	4.6	6.6	5.5	5.2	5.8	6.3	6.3	6.4	5.3	4.6	6.2	5.6	6.4	5.9
BRIDGEPORT (N-105)	6.6	7.2	6.0	4.8	7.5	4.9	6.1	5.8	5.2	5.6	5.7	5.9	6.0	5.7	4.9	6.2	5.8	6.3	5.9
TIFFANY (PST-4CD)	6.4	6.9	5.7	5.2	7.9	4.9	6.0	5.7	4.9	5.7	5.7	5.4	6.1	5.5	4.9	6.5	4.9	6.1	5.8
SR 5000	6.7	6.9	6.9	5.3	7.0	5.1	6.0	5.5	5.2	5.6	5.3	5.0	5.9	5.4	4.7	6.3	5.8	5.8	5.8
LONGFELLOW	6.4	6.7	6.7	5.1	5.7	5.4	6.0	5.7	4.6	5.6	5.3	5.0	6.1	5.5	4.9	6.3	5.7	6.5	5.7
JAMESTOWN II	6.6	6.8	6.5	4.9	7.0	5.3	6.3	5.4	5.1	5.1	5.3	5.1	5.8	5.5	4.7	5.8	5.5	6.3	5.7
PROFORMER (JMB-89)	6.8	6.4	5.6	5.4	7.3	5.2	6.0	5.7	4.5	5.3	5.0	5.6	5.9	5.3	4.8	6.0	5.4	5.9	5.7
SHADOW W/ENDO. (PST-SHE)	6.4	6.9	6.1	4.8	7.5	4.1	5.9	5.4	5.0	5.7	4.7	6.0	6.0	5.1	4.8	6.2	5.3	6.2	5.7
89.LKR	.	7.2	.	5.7	6.5	5.4	.	5.5	5.0	5.0	.	6.1	6.3	5.7	4.7	5.7	4.1	6.4	5.7
DIGNITY (OFI 89-200)	6.4	6.7	6.7	4.9	5.8	4.3	6.0	6.1	4.6	5.1	4.7	4.6	6.0	5.3	4.7	6.2	4.6	6.3	5.5
PST-4FE	6.7	6.7	6.3	5.3	7.0	4.7	5.9	5.0	4.4	4.9	4.7	4.9	6.4	5.6	4.6	6.4	3.4	6.2	5.5
WALDORF	4.7	6.9	6.4	4.9	3.8	4.8	5.9	5.6	5.2	4.4	4.0	4.9	5.5	5.6	5.4	5.0	4.4	6.0	5.2
EPSOM	5.8	7.3	5.7	4.6	2.0	5.0	6.0	5.0	4.7	4.3	3.0	6.3	6.0	5.4	.	5.5	4.0	6.3	5.1
BANNER	5.4	6.2	5.3	5.1	4.0	5.3	6.0	5.3	4.4	4.9	4.7	4.6	5.8	4.5	4.3	5.7	3.9	6.1	5.1
MOLINDA	4.9	6.8	6.0	4.7	4.0	4.9	5.9	5.5	4.8	4.0	4.0	6.4	5.7	5.5	4.6	5.9	1.9	5.9	5.1
BARGREEN	5.8	7.2	5.8	3.7	2.3	4.4	5.1	5.3	5.6	4.7	4.0	5.2	6.1	5.9	5.0	6.0	2.7	6.1	5.1
ATLANTA	4.7	7.1	5.8	4.8	3.5	4.9	5.7	4.8	4.9	3.9	4.3	5.7	5.8	5.3	4.8	6.0	3.1	5.8	5.0
ENJOY	5.0	7.1	5.8	3.8	3.5	4.7	6.0	4.4	5.2	4.0	3.0	5.9	6.0	5.3	5.1	6.4	2.3	6.5	5.0
TROPHY (ESTORIL)	5.3	7.2	6.7	3.1	2.7	4.9	6.1	5.0	5.3	4.0	3.7	4.5	6.7	6.0	4.4	6.0	2.1	5.8	5.0
SHADOW	5.3	6.3	5.8	3.8	4.8	5.1	5.7	5.3	4.6	4.5	3.3	4.9	5.4	5.1	4.4	5.7	3.5	6.0	5.0
JAMESTOWN	5.5	6.2	4.8	4.4	5.0	5.1	5.7	4.8	4.8	4.3	4.7	4.7	5.6	4.5	4.4	5.8	3.4	5.6	5.0
ERG 1143	4.0	6.8	5.3	5.1	2.6	5.3	5.2	4.5	5.2	3.9	3.0	5.3	5.6	5.5	5.8	5.9	2.0	6.1	4.8
MARY	4.6	6.7	4.8	4.0	4.0	4.7	5.7	4.4	4.7	4.2	3.7	5.3	5.8	5.3	5.0	5.9	1.8	6.3	4.8
CAMARO	4.8	6.8	5.9	3.2	3.2	4.3	6.0	5.0	4.7	4.4	4.0	5.0	5.6	5.5	4.2	6.3	2.0	5.7	4.8
WILMA	5.9	6.3	4.6	5.0	3.7	4.6	6.0	3.4	4.3	4.2	4.0	3.9	5.8	4.8	4.7	5.7	2.9	6.2	4.8
RAYMOND	5.2	6.5	5.5	4.3	2.6	4.4	5.8	3.7	4.8	3.8	3.3	5.1	6.1	5.2	5.0	6.0	2.3	6.1	4.8
DOVER (NK 82492)	5.2	6.6	5.3	4.7	1.4	4.7	5.7	3.8	4.1	4.6	5.0	4.9	5.2	5.0	4.3	6.2	3.0	5.9	4.8
SCARLET	4.2	7.1	4.6	4.4	3.6	4.7	5.9	3.8	4.2	3.4	3.0	5.9	5.8	5.3	4.9	6.4	1.9	6.2	4.7
PUMA	4.4	6.6	6.1	3.8	3.2	4.8	5.9	3.8	4.7	3.6	3.7	5.3	5.4	4.7	4.8	5.6	2.3	6.1	4.7
BARLANDER (BAR FR 9F)	4.5	7.1	5.4	2.8	4.2	5.0	4.9	4.7	4.1	3.5	3.0	5.2	6.8	4.9	5.6	5.6	1.5	6.0	4.7
KOKET	5.1	6.5	5.7	4.3	4.4	4.9	5.7	4.0	4.7	3.6	3.7	5.3	5.3	4.5	4.2	5.6	1.4	5.9	4.7
FERNANDO (HF 112)	5.3	7.3	5.3	3.3	2.4	4.8	6.3	3.8	5.0	3.6	2.3	4.4	6.2	5.7	4.8	6.1	1.5	6.4	4.7
SIMONE (LD 3485)	4.9	7.1	6.8	3.8	2.4	4.7	5.8	4.3	5.3	3.1	2.3	4.8	5.5	5.1	5.2	5.5	1.6	5.7	4.7
RAINBOW	4.7	7.0	4.2	3.7	2.2	4.9	6.1	4.1	4.3	3.3	3.7	5.0	6.1	5.7	5.2	5.7	1.6	6.3	4.6
CAPITOL	4.6	6.6	4.8	4.0	3.3	3.9	5.7	3.9	4.3	3.4	3.3	5.4	5.6	5.3	5.0	5.0	2.6	5.9	4.6
BARNICA	4.3	6.4	5.9	3.6	3.8	4.9	5.1	4.2	4.2	3.4	3.3	4.8	5.4	4.7	4.4	5.4	2.2	6.0	4.6
LSD VALUE	1.0	0.6	2.3	1.4	1.8	1.1	0.6	1.2	1.3	0.7	1.0	1.3	0.5	0.7	0.6	0.7	1.4	0.5	0.3

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 1E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																		
	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
WARWICK	.	7.2	.	.	6.8	5.6	.	6.7	7.0	6.9	.	.	.	.	.	4.3	6.2	6.3	6.3
DISCOVERY (PST-4HD)	5.6	7.3	5.9	6.0	7.3	5.4	5.4	7.2	6.9	7.1	6.0	6.9	5.9	6.2	6.1	5.4	6.4	6.2	6.3
SR 3100 (SRX 89-31)	6.2	7.7	5.5	5.4	5.5	5.9	5.1	7.1	6.5	7.9	6.3	4.7	5.0	5.7	6.2	5.8	6.9	6.9	6.1
AURORA W/ENDO. (PST-AUE)	5.5	7.2	6.3	5.3	6.9	5.5	5.9	6.3	7.1	5.2	6.7	6.1	5.5	5.9	5.4	4.9	5.3	6.0	5.9
RELIANT-W/ ENDOPHYTE	5.6	7.2	6.0	5.8	6.5	5.2	5.6	6.4	7.1	6.9	5.3	5.9	5.3	6.3	5.6	4.3	5.4	6.3	5.9
BRIGADE (MELODY)	5.5	7.2	5.4	5.9	6.3	5.3	5.1	6.6	6.7	5.1	6.3	5.8	4.5	6.4	5.6	5.5	6.4	6.1	5.9
SR 3000	5.5	7.1	6.7	5.5	6.0	5.5	5.2	6.1	6.7	4.7	6.3	4.4	5.7	6.3	5.6	5.1	6.7	6.3	5.9
PST-4AG	5.3	7.1	6.2	5.7	7.0	5.1	5.2	5.8	7.4	4.6	6.0	5.3	5.5	6.5	5.7	4.9	6.1	6.0	5.9
AURORA	5.9	6.8	6.2	4.8	7.4	5.2	5.2	5.4	6.7	5.4	6.7	5.7	5.6	6.1	5.6	4.6	5.7	6.2	5.8
EUREKA	5.7	7.0	6.1	5.5	6.1	4.7	5.4	5.9	6.6	4.2	6.3	5.2	4.7	5.9	5.4	5.7	6.2	6.6	5.7
RELIANT-NO ENDOPHYTE	5.6	6.8	6.7	5.6	7.1	4.9	5.6	6.2	6.7	4.7	6.0	4.6	5.1	5.9	5.4	4.4	5.0	6.4	5.7
SERRA	5.4	6.7	6.3	5.4	6.1	5.3	5.0	6.3	6.9	5.6	5.3	5.0	4.4	6.3	4.9	5.0	6.8	6.1	5.7
SCALDIS	5.0	6.3	5.5	6.0	5.5	5.8	5.1	6.0	6.8	6.0	5.3	5.2	5.4	6.1	5.7	4.1	6.4	6.2	5.7
SILVANA	5.5	7.1	6.6	5.6	6.0	5.5	5.3	5.5	6.5	5.0	5.7	4.3	5.0	5.6	5.4	5.1	6.2	6.3	5.7
BILJART	5.0	7.3	6.7	5.5	5.8	5.8	5.7	5.2	6.8	4.4	5.7	4.9	5.1	5.6	5.7	4.8	5.4	6.5	5.7
VALDA	4.5	6.3	6.4	5.3	2.5	5.3	5.9	5.8	6.8	5.8	5.3	5.8	5.2	6.3	5.6	5.2	5.4	6.6	5.5
ATTILA	5.3	7.3	6.5	5.9	3.9	5.2	5.0	4.5	6.5	4.4	5.3	5.4	5.2	5.9	5.6	6.1	4.8	6.7	5.5
BARDUR (BAR FO 9A2)	4.9	6.9	5.4	5.7	5.0	5.3	5.9	4.3	6.1	3.6	6.0	4.7	5.1	5.5	5.8	4.5	5.1	6.3	5.3
BARREPPPO	3.8	5.7	5.6	5.4	4.5	4.9	5.1	4.7	6.0	3.4	5.3	4.4	4.9	5.0	5.2	4.3	4.6	5.8	4.9
LSD VALUE	0.9	0.8	1.6	0.9	1.6	0.8	0.9	1.1	0.9	0.8	1.9	1.8	0.8	0.7	0.5	0.9	1.3	0.5	0.3

TABLE 1F.

MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																		
	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
BIGHORN	5.7	6.3	5.7	5.9	6.4	5.4	5.4	6.0	5.9	4.3	6.7	5.9	4.6	5.7	5.8	3.9	5.2	4.8	5.5
MX 86	5.2	5.8	4.8	5.5	5.8	5.6	5.1	4.8	6.1	3.6	6.7	5.0	3.8	5.7	5.0	3.9	5.2	4.5	5.1
LSD VALUE	0.6	0.4	1.9	0.2	2.6	0.7	1.1	0.8	0.6	0.8	0.9	1.0	0.5	0.8	0.4	0.2	0.8	1.1	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 EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
WARWICK	.	.	6.5	5.9	6.4	6.5	6.2	6.2	6.7	6.2	6.2	6.8	6.3
DISCOVERY (PST-4HD)	5.3	5.5	6.3	6.0	6.4	6.5	6.1	6.5	6.8	6.4	6.5	6.6	6.3
SR 3100 (SRX 89-31)	5.3	5.0	5.4	5.7	6.3	6.4	6.0	6.2	6.4	6.0	6.0	6.1	6.1
AURORA W/ENDO. (PST-AUE)	4.7	5.0	5.8	5.5	6.1	6.1	6.0	5.8	6.1	5.8	5.4	6.5	5.9
RELIANT-W/ ENDOPHYTE	4.7	5.2	5.8	5.5	5.9	6.2	5.8	6.2	6.3	5.8	6.1	6.2	5.9
SOUTHPORT	5.7	6.5	6.8	5.5	6.1	6.0	5.8	6.1	6.0	6.2	6.1	5.2	5.9
BRIDGEPORT (N-105)	4.7	6.2	6.4	5.7	6.2	6.0	5.6	6.1	6.2	6.3	5.9	5.7	5.9
BRIGADE (MELODY)	4.5	4.7	5.5	5.4	6.0	6.4	5.7	5.9	6.1	5.2	5.5	5.9	5.9
SR 3000	4.7	5.3	5.5	5.7	6.1	6.2	5.7	5.6	5.9	5.4	5.1	5.8	5.9
PST-4AG	4.3	4.8	6.0	5.5	6.0	6.3	5.7	5.7	6.1	5.3	5.2	6.0	5.9
AURORA	4.8	5.5	6.3	5.4	6.1	6.3	5.8	5.7	5.8	5.7	5.4	5.9	5.8
TIFFANY (PST-4CD)	5.8	6.2	6.2	5.6	5.9	5.9	5.6	6.0	6.1	6.3	5.8	5.5	5.8
SR 5000	5.7	6.3	6.6	5.8	6.2	5.8	5.5	5.8	5.9	5.9	5.9	5.4	5.8
EUREKA	4.3	4.7	5.3	5.3	6.0	6.0	5.6	5.8	5.9	5.0	5.2	5.5	5.7
LONGFELLOW	5.2	5.7	5.7	5.9	6.2	5.9	5.6	5.7	5.7	5.7	5.6	5.3	5.7
JAMESTOWN II	5.2	5.8	6.3	5.8	6.3	5.7	5.4	5.7	5.8	5.8	5.5	5.3	5.7
RELIANT-NO ENDOPHYTE	4.5	4.8	5.8	5.5	5.8	6.0	5.6	5.8	5.7	5.0	5.0	5.6	5.7
SERRA	4.2	4.5	5.3	5.7	5.9	6.0	5.5	5.6	5.9	5.3	5.7	5.7	5.7
SCALDIS	4.5	4.8	5.4	5.6	6.1	5.9	5.5	5.6	5.8	5.4	5.4	6.0	5.7
PROFORMER (JMB-89)	5.7	6.0	6.2	5.7	6.0	5.7	5.5	6.0	5.9	5.9	5.5	5.1	5.7
SILVANA	4.2	4.5	5.1	5.3	6.0	6.0	5.5	5.5	5.9	5.3	5.1	5.4	5.7
SHADOW W/ENDO. (PST-SHE)	5.3	6.3	6.6	5.5	5.8	5.8	5.5	5.9	5.7	6.4	6.0	5.4	5.7
89.LKR	5.7	6.0	5.3	5.6	6.1	5.6	5.4	5.8	5.9	6.2	5.4	5.4	5.7
BILJART	4.0	4.5	5.3	5.6	6.0	5.9	5.4	5.5	5.6	5.2	4.8	5.7	5.7
VALDA	3.8	4.3	4.5	5.1	5.6	5.8	5.4	5.5	5.5	4.9	5.9	5.9	5.5
BIGHORN	4.2	4.8	5.1	5.2	5.7	5.9	5.6	5.3	5.4	5.0	5.0	5.7	5.5
ATTILA	4.5	4.8	5.0	5.3	5.9	6.1	5.3	5.5	5.2	5.2	4.4	5.2	5.5
DIGNITY (OFI 89-200)	5.0	6.3	5.5	5.5	5.9	5.6	5.1	5.7	5.6	5.7	5.6	5.3	5.5
PST-4FE	5.7	6.3	5.7	5.4	5.8	5.7	5.4	5.7	5.5	6.0	5.3	5.4	5.5
BARDUR (BAR FO 9A2)	4.7	5.0	4.8	5.0	5.7	5.9	5.0	4.8	4.8	5.1	4.1	5.4	5.3
PST-4R3	4.7	4.8	5.0	4.9	5.3	5.4	5.1	5.7	5.8	5.8	5.7	5.2	5.2
WALDORF	4.2	4.5	4.3	4.6	5.4	5.5	5.1	5.2	5.3	5.0	5.0	5.1	5.2
MX 86	3.7	4.0	4.8	4.9	5.1	5.3	5.1	4.9	5.2	4.5	4.6	4.9	5.1
EPSOM	5.0	6.0	4.3	4.8	5.6	5.2	5.0	5.5	5.1	4.8	5.0	5.1	5.1
BANNER	4.7	5.7	4.6	4.9	5.4	5.2	4.8	5.2	5.1	5.3	4.9	5.4	5.1
MOLINDA	4.7	5.2	4.5	4.9	5.1	5.0	4.8	5.4	5.1	5.3	5.3	6.0	5.1
BARGREEN	5.8	5.8	4.7	4.4	5.0	5.3	5.0	5.4	5.3	5.0	5.1	5.5	5.1
SALEM	4.3	4.7	5.2	5.2	5.3	5.2	4.9	4.8	5.0	5.7	5.1	5.6	5.1
ATLANTA	4.3	4.7	4.3	4.5	5.3	5.2	5.0	5.4	5.1	5.0	4.8	4.9	5.0
SEABREEZE (FRT-30149)	4.7	5.0	3.5	4.3	5.0	5.3	5.0	5.1	5.0	5.3	5.3	5.9	5.0
PST-43F	5.0	4.8	4.5	5.1	5.4	5.1	4.8	4.8	5.1	5.6	5.2	5.8	5.0
ENJOY	5.0	5.7	4.3	4.3	5.1	5.1	5.1	5.3	5.1	5.1	4.8	5.2	5.0
TROPHY (ESTORIL)	5.0	5.3	4.3	4.3	5.3	5.1	4.9	5.2	5.1	5.0	4.9	5.5	5.0
SHADOW	5.0	5.8	5.1	5.0	5.3	5.0	4.8	5.0	4.9	5.0	5.0	5.2	5.0
JAMESTOWN	4.8	5.5	4.8	5.0	5.5	5.1	4.7	4.8	4.9	5.1	4.8	5.2	5.0
JASPER	4.3	4.5	4.3	4.7	5.0	5.2	4.8	4.7	4.9	5.4	5.1	5.7	4.9
BARREPPPO	3.7	3.8	4.3	4.6	5.0	5.0	4.7	4.7	4.8	4.7	4.6	5.7	4.9
PST-4NI	4.8	5.2	4.7	4.7	5.3	5.2	4.7	4.7	4.9	5.1	5.1	5.1	4.9
LSD VALUE	1.3	1.4	1.3	0.8	0.6	0.6	0.5	0.6	0.7	1.0	0.9	0.8	0.5

TABLE 2A.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES

1992 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
HERALD	4.2	4.3	3.9	4.5	4.5	5.1	5.1	5.4	5.2	5.5	4.9	4.9	4.9
EST-4C8	4.3	4.7	4.4	4.6	4.8	5.1	4.9	5.0	4.8	5.6	5.2	5.1	4.9
VISTA	4.2	4.3	4.9	4.6	5.1	5.2	4.7	4.7	5.0	5.5	5.1	5.4	4.8
ERG 1143	4.2	4.8	3.8	4.1	4.9	5.0	4.7	5.3	5.1	4.8	4.4	5.1	4.8
MARY	4.2	4.8	4.6	4.4	5.1	4.9	4.7	5.1	4.9	5.0	4.5	5.0	4.8
CAMARO	4.3	4.8	4.3	4.6	5.0	4.8	4.6	4.8	4.7	5.3	5.0	5.5	4.8
SHADEMASTER	4.2	4.2	4.7	4.6	4.9	4.9	4.7	4.6	5.1	5.3	4.8	5.3	4.8
FLYER	4.3	4.5	4.3	4.6	5.0	4.9	4.5	4.6	4.7	5.3	5.1	5.3	4.8
WILMA	4.7	5.7	4.5	4.3	5.0	4.9	4.8	5.0	4.7	5.0	4.1	4.5	4.8
RAYMOND	4.8	5.5	4.1	4.4	5.0	4.9	4.7	4.9	4.7	5.0	4.8	4.9	4.8
DOVER (NK 82492)	4.2	4.7	3.8	4.5	5.3	5.1	4.5	4.5	4.4	4.7	4.4	4.7	4.8
HF 138	4.3	4.7	4.4	4.2	4.7	4.8	4.9	4.8	4.7	5.7	4.9	5.5	4.7
NAPOLI (LD 3488)	3.8	4.3	3.4	4.0	4.8	5.0	4.8	4.8	4.8	5.4	5.2	5.5	4.7
BELVEDERE	4.0	4.0	4.3	4.3	5.1	4.8	4.7	4.8	5.0	4.9	4.8	4.8	4.7
EUMA	4.2	4.7	3.9	4.5	4.7	4.6	4.6	4.9	4.5	4.9	4.6	5.3	4.7
SCARLET	4.2	4.8	3.8	4.1	4.9	4.9	4.7	4.8	4.9	5.3	4.4	4.9	4.7
SMIRNA (ZW 42-160)	4.8	4.3	2.8	4.2	4.5	4.9	4.8	4.4	4.6	5.1	4.8	5.7	4.7
KOKET	4.3	5.5	4.8	4.5	4.6	4.8	4.6	4.9	4.7	5.2	4.3	4.9	4.7
FERNANDO (HF 112)	5.0	5.8	4.1	4.4	4.8	5.0	4.7	5.1	4.7	4.8	4.3	4.7	4.7
BARLANDER (BAR FR 9F)	4.8	5.3	4.2	4.2	4.7	4.6	4.5	5.0	5.0	5.6	4.7	5.4	4.7
CINDY	4.5	4.8	4.0	4.3	4.7	4.8	4.7	5.1	4.8	5.3	5.0	5.1	4.7
SIMONE (LD 3485)	4.7	4.8	4.3	4.2	4.7	4.6	4.5	4.9	4.6	4.8	4.6	5.2	4.7
RAINBOW	4.0	4.8	3.8	4.1	4.9	5.0	4.6	4.8	4.6	4.8	4.2	4.9	4.6
FEVERE (NK 88001)	4.3	4.5	3.9	4.2	4.9	4.9	4.8	4.7	4.6	4.8	4.3	4.5	4.6
BARCROWN	4.0	4.8	3.6	3.7	4.5	4.9	4.8	4.9	4.9	5.2	5.0	5.9	4.6
DAWSON	4.3	4.3	3.3	4.2	4.5	4.7	4.7	4.5	4.5	5.0	4.7	5.5	4.6
CAPITOL	4.7	5.7	4.2	4.1	4.7	4.6	4.4	4.8	4.6	4.6	4.5	5.0	4.6
COLLO (LD 3414)	3.8	3.8	3.8	4.0	4.5	4.8	4.6	4.7	4.7	4.7	4.5	4.7	4.6
BARNICA	4.8	5.7	4.1	4.2	4.5	4.4	4.4	4.7	4.6	5.0	4.3	5.1	4.6
ENSYLVA	3.8	4.5	4.2	4.2	4.4	4.7	4.4	4.5	4.6	4.8	4.2	4.9	4.5
TALUS (LD 3438)	3.8	4.0	3.5	3.7	4.7	4.9	4.4	4.6	4.6	5.0	4.7	4.9	4.5
WW RS 138	3.8	4.0	4.3	4.3	4.8	4.8	4.5	4.3	4.3	5.3	4.5	5.0	4.5
BARGENA II (BAR FR8RC3)	4.0	4.3	3.9	4.3	4.7	4.6	4.3	4.5	4.5	4.6	4.1	4.7	4.5
BARSKOL (BAR FR 9P)	4.2	4.3	3.3	3.6	4.4	4.7	4.6	4.6	4.5	5.0	4.8	5.4	4.4
MARKER	4.3	4.7	3.0	3.6	4.2	4.7	4.7	4.6	4.6	4.9	5.1	5.5	4.4
CLAUDIA	4.0	4.2	4.4	4.1	4.4	4.5	4.2	4.5	4.7	4.8	4.3	4.7	4.4
BOREAL	3.7	3.8	4.3	4.3	4.5	4.6	4.3	4.3	4.6	5.2	3.8	4.5	4.4
WW RS 143	4.2	4.2	3.8	4.0	4.4	4.6	4.4	4.3	4.3	4.6	4.3	4.7	4.4
FRANKLIN	3.7	3.8	4.1	4.4	4.7	4.4	4.2	4.3	4.4	4.8	3.9	4.5	4.3
WW RS 130	4.2	4.0	3.7	4.1	4.5	4.6	4.3	4.5	4.5	4.8	4.3	4.9	4.3
BARGENA	3.8	4.0	3.9	4.1	4.4	4.5	4.3	4.3	4.5	4.5	4.0	4.8	4.3
ELANOR	4.2	4.2	4.1	4.1	4.4	4.6	4.2	4.4	4.4	4.8	4.2	4.6	4.3
SUNSET (ZW 42-158)	4.0	3.8	3.8	4.2	4.1	4.3	4.3	4.4	4.4	5.0	4.0	4.8	4.3
SYLVESTER	3.8	4.5	3.9	4.2	4.4	4.2	4.1	4.2	4.3	4.9	3.9	4.5	4.2
COMFORT (HF 102)	4.3	4.5	3.2	3.5	4.1	4.4	4.4	4.6	4.3	4.6	4.2	5.1	4.2
BARLOTTE	4.2	4.3	2.9	3.2	3.8	4.2	4.1	4.3	4.1	4.2	4.1	5.2	4.0
LSD VALUE	1.3	1.4	1.3	0.8	0.6	0.6	0.5	0.6	0.7	1.0	0.9	0.8	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 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
EST-4R3	4.7	4.8	5.0	4.9	5.3	5.4	5.1	5.7	5.8	5.8	5.7	5.2	5.2
SALEM	4.3	4.7	5.2	5.2	5.3	5.2	4.9	4.8	5.0	5.7	5.1	5.6	5.1
EST-43F	5.0	4.8	4.5	5.1	5.4	5.1	4.8	4.8	5.1	5.6	5.2	5.8	5.0
JASPER	4.3	4.5	4.3	4.7	5.0	5.2	4.8	4.7	4.9	5.4	5.1	5.7	4.9
EST-4NI	4.8	5.2	4.7	4.7	5.3	5.2	4.7	4.7	4.9	5.1	5.1	5.1	4.9
HERALD	4.2	4.3	3.9	4.5	4.5	5.1	5.1	5.4	5.2	5.5	4.9	4.9	4.9
EST-4C8	4.3	4.7	4.4	4.6	4.8	5.1	4.9	5.0	4.8	5.6	5.2	5.1	4.9
VISTA	4.2	4.3	4.9	4.6	5.1	5.2	4.7	4.7	5.0	5.5	5.1	5.4	4.8
SHADEMASTER	4.2	4.2	4.7	4.6	4.9	4.9	4.7	4.6	5.1	5.3	4.8	5.3	4.8
FLYER	4.3	4.5	4.3	4.6	5.0	4.9	4.5	4.6	4.7	5.3	5.1	5.3	4.8
EELVEDERE	4.0	4.0	4.3	4.3	5.1	4.8	4.7	4.8	5.0	4.9	4.8	4.8	4.7
CINDY	4.5	4.8	4.0	4.3	4.7	4.8	4.7	5.1	4.8	5.3	5.0	5.1	4.7
REVERE (NK 88001)	4.3	4.5	3.9	4.2	4.9	4.9	4.8	4.7	4.6	4.8	4.3	4.5	4.6
COLLO (LD 3414)	3.8	3.8	3.8	4.0	4.5	4.8	4.6	4.7	4.7	4.7	4.5	4.7	4.6
ENSYLVA	3.8	4.5	4.2	4.2	4.4	4.7	4.4	4.5	4.6	4.8	4.2	4.9	4.5
TALUS (LD 3438)	3.8	4.0	3.5	3.7	4.7	4.9	4.4	4.6	4.6	5.0	4.7	4.9	4.5
WW RS 138	3.8	4.0	4.3	4.3	4.8	4.8	4.5	4.3	4.3	5.3	4.5	5.0	4.5
BARGENA II (BAR FR8RC3)	4.0	4.3	3.9	4.3	4.7	4.6	4.3	4.5	4.5	4.6	4.1	4.7	4.5
CLAUDIA	4.0	4.2	4.4	4.1	4.4	4.5	4.2	4.5	4.7	4.8	4.3	4.7	4.4
BOREAL	3.7	3.8	4.3	4.3	4.5	4.6	4.3	4.3	4.6	5.2	3.8	4.5	4.4
WW RS 143	4.2	4.2	3.8	4.0	4.4	4.6	4.4	4.3	4.3	4.6	4.3	4.7	4.4
FRANKLIN	3.7	3.8	4.1	4.4	4.7	4.4	4.2	4.3	4.4	4.8	3.9	4.5	4.3
WW RS 130	4.2	4.0	3.7	4.1	4.5	4.6	4.3	4.5	4.5	4.8	4.3	4.9	4.3
BARGENA	3.8	4.0	3.9	4.1	4.4	4.5	4.3	4.3	4.5	4.5	4.0	4.8	4.3
ELANOR	4.2	4.2	4.1	4.1	4.4	4.6	4.2	4.4	4.4	4.8	4.2	4.6	4.3
SUNSET (ZW 42-158)	4.0	3.8	3.8	4.2	4.1	4.3	4.3	4.4	4.4	5.0	4.0	4.8	4.3
SYLVESTER	3.8	4.5	3.9	4.2	4.4	4.2	4.1	4.2	4.3	4.9	3.9	4.5	4.2
LSD VALUE	1.4	1.4	1.1	0.8	0.6	0.6	0.5	0.7	0.7	0.9	0.7	0.8	0.5

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS FOR EACH MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SEABREEZE (FRT-30149)	4.7	5.0	3.5	4.3	5.0	5.3	5.0	5.1	5.0	5.3	5.3	5.9	5.0
HF 138	4.3	4.7	4.4	4.2	4.7	4.8	4.9	4.8	4.7	5.7	4.9	5.5	4.7
NAPOLI (LD 3488)	3.8	4.3	3.4	4.0	4.8	5.0	4.8	4.8	4.8	5.4	5.2	5.5	4.7
SMIRNA (ZW 42-160)	4.8	4.3	2.8	4.2	4.5	4.9	4.8	4.4	4.6	5.1	4.8	5.7	4.7
BARCROWN	4.0	4.8	3.6	3.7	4.5	4.9	4.8	4.9	4.9	5.2	5.0	5.9	4.6
DAWSON	4.3	4.3	3.3	4.2	4.5	4.7	4.7	4.5	4.5	5.0	4.7	5.5	4.6
BARSKOL (BAR FR 9P)	4.2	4.3	3.3	3.6	4.4	4.7	4.6	4.6	4.5	5.0	4.8	5.4	4.4
MARKER	4.3	4.7	3.0	3.6	4.2	4.7	4.7	4.6	4.6	4.9	5.1	5.5	4.4
COMFORT (HF 102)	4.3	4.5	3.2	3.5	4.1	4.4	4.4	4.6	4.3	4.6	4.2	5.1	4.2
BARLOTTE	4.2	4.3	2.9	3.2	3.8	4.2	4.1	4.3	4.1	4.2	4.1	5.2	4.0
LSD VALUE	2.0	2.5	1.6	0.9	0.7	0.7	0.6	0.8	0.8	1.1	1.0	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 2D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1992 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
SOUTHPORT	5.7	6.5	6.8	5.5	6.1	6.0	5.8	6.1	6.0	6.2	6.1	5.2	5.9
BRIDGEPORT (N-105)	4.7	6.2	6.4	5.7	6.2	6.0	5.6	6.1	6.2	6.3	5.9	5.7	5.9
TIFFANY (PST-4CD)	5.8	6.2	6.2	5.6	5.9	5.9	5.6	6.0	6.1	6.3	5.8	5.5	5.8
SR 5000	5.7	6.3	6.6	5.8	6.2	5.8	5.5	5.8	5.9	5.9	5.9	5.4	5.8
LONGFELLOW	5.2	5.7	5.7	5.9	6.2	5.9	5.6	5.7	5.7	5.7	5.6	5.3	5.7
JAMESTOWN II	5.2	5.8	6.3	5.8	6.3	5.7	5.4	5.7	5.8	5.8	5.5	5.3	5.7
PROFORMER (JMB-89)	5.7	6.0	6.2	5.7	6.0	5.7	5.5	6.0	5.9	5.9	5.5	5.1	5.7
SHADOW W/ENDO. (PST-SHE)	5.3	6.3	6.6	5.5	5.8	5.8	5.5	5.9	5.7	6.4	6.0	5.4	5.7
89.LKR	5.7	6.0	5.3	5.6	6.1	5.6	5.4	5.8	5.9	6.2	5.4	5.4	5.7
DIGNITY (OFI 89-200)	5.0	6.3	5.5	5.5	5.9	5.6	5.1	5.7	5.6	5.7	5.6	5.3	5.5
PST-4FE	5.7	6.3	5.7	5.4	5.8	5.7	5.4	5.7	5.5	6.0	5.3	5.4	5.5
WALDORF	4.2	4.5	4.3	4.6	5.4	5.5	5.1	5.2	5.3	5.0	5.0	5.1	5.2
EPSOM	5.0	6.0	4.3	4.8	5.6	5.2	5.0	5.5	5.1	4.8	5.0	5.1	5.1
BANNER	4.7	5.7	4.6	4.9	5.4	5.2	4.8	5.2	5.1	5.3	4.9	5.4	5.1
MOLINDA	4.7	5.2	4.5	4.9	5.1	5.0	4.8	5.4	5.1	5.3	5.3	6.0	5.1
BARGREEN	5.8	5.8	4.7	4.4	5.0	5.3	5.0	5.4	5.3	5.0	5.1	5.5	5.1
ATLANTA	4.3	4.7	4.3	4.5	5.3	5.2	5.0	5.4	5.1	5.0	4.8	4.9	5.0
ENJOY	5.0	5.7	4.3	4.3	5.1	5.1	5.1	5.3	5.1	5.1	4.8	5.2	5.0
TROPHY (ESTORIL)	5.0	5.3	4.3	4.3	5.3	5.1	4.9	5.2	5.1	5.0	4.9	5.5	5.0
SHADOW	5.0	5.8	5.1	5.0	5.3	5.0	4.8	5.0	4.9	5.0	5.0	5.2	5.0
JAMESTOWN	4.8	5.5	4.8	5.0	5.5	5.1	4.7	4.8	4.9	5.1	4.8	5.2	5.0
ERG 1143	4.2	4.8	3.8	4.1	4.9	5.0	4.7	5.3	5.1	4.8	4.4	5.1	4.8
MARY	4.2	4.8	4.6	4.4	5.1	4.9	4.7	5.1	4.9	5.0	4.5	5.0	4.8
CAMARO	4.3	4.8	4.3	4.6	5.0	4.8	4.6	4.8	4.7	5.3	5.0	5.5	4.8
WILMA	4.7	5.7	4.5	4.3	5.0	4.9	4.8	5.0	4.7	5.0	4.1	4.5	4.8
RAYMOND	4.8	5.5	4.1	4.4	5.0	4.9	4.7	4.9	4.7	5.0	4.8	4.9	4.8
DOVER (NK 82492)	4.2	4.7	3.8	4.5	5.3	5.1	4.5	4.5	4.4	4.7	4.4	4.7	4.8
PUMA	4.2	4.7	3.9	4.5	4.7	4.6	4.6	4.9	4.5	4.9	4.6	5.3	4.7
SCARLET	4.2	4.8	3.8	4.1	4.9	4.9	4.7	4.8	4.9	5.3	4.4	4.9	4.7
KCKET	4.3	5.5	4.8	4.5	4.6	4.8	4.6	4.9	4.7	5.2	4.3	4.9	4.7
FERNANDO (HF 112)	5.0	5.8	4.1	4.4	4.8	5.0	4.7	5.1	4.7	4.8	4.3	4.7	4.7
BARLANDER (BAR FR 9F)	4.8	5.3	4.2	4.2	4.7	4.6	4.5	5.0	5.0	5.6	4.7	5.4	4.7
SIMONE (LD 3485)	4.7	4.8	4.3	4.2	4.7	4.6	4.5	4.9	4.6	4.8	4.6	5.2	4.7
RAINBOW	4.0	4.8	3.8	4.1	4.9	5.0	4.6	4.8	4.6	4.8	4.2	4.9	4.6
CAPITOL	4.7	5.7	4.2	4.1	4.7	4.6	4.4	4.8	4.6	4.6	4.5	5.0	4.6
BARNICA	4.8	5.7	4.1	4.2	4.5	4.4	4.4	4.7	4.6	5.0	4.3	5.1	4.6
LSD VALUE	1.1	1.2	1.3	0.8	0.6	0.6	0.5	0.6	0.7	0.9	0.9	0.7	0.5

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

TABLE 2E.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 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	.	.	6.5	5.9	6.4	6.5	6.2	6.2	6.7	6.2	6.2	6.8	6.3
DISCOVERY (PST-4HD)	5.3	5.5	6.3	6.0	6.4	6.5	6.1	6.5	6.8	6.4	6.5	6.6	6.3
SR 3100 (SRX 89-31)	5.3	5.0	5.4	5.7	6.3	6.4	6.0	6.2	6.4	6.0	6.0	6.1	6.1
AURORA W/ENDO. (PST-AUE)	4.7	5.0	5.8	5.5	6.1	6.1	6.0	5.8	6.1	5.8	5.4	6.5	5.9
RELIANT-W/ ENDOPHYTE	4.7	5.2	5.8	5.5	5.9	6.2	5.8	6.2	6.3	5.8	6.1	6.2	5.9
BRIGADE (MELODY)	4.5	4.7	5.5	5.4	6.0	6.4	5.7	5.9	6.1	5.2	5.5	5.9	5.9
SR 3000	4.7	5.3	5.5	5.7	6.1	6.2	5.7	5.6	5.9	5.4	5.1	5.8	5.9
PST-4AG	4.3	4.8	6.0	5.5	6.0	6.3	5.7	5.7	6.1	5.3	5.2	6.0	5.9
AURORA	4.8	5.5	6.3	5.4	6.1	6.3	5.8	5.7	5.8	5.7	5.4	5.9	5.8
EUREKA	4.3	4.7	5.3	5.3	6.0	6.0	5.6	5.8	5.9	5.0	5.2	5.5	5.7
RELIANT-NO ENDOPHYTE	4.5	4.8	5.8	5.5	5.8	6.0	5.6	5.8	5.7	5.0	5.0	5.6	5.7
SERRA	4.2	4.5	5.3	5.7	5.9	6.0	5.5	5.6	5.9	5.3	5.7	5.7	5.7
SCALDIS	4.5	4.8	5.4	5.6	6.1	5.9	5.5	5.6	5.8	5.4	5.4	6.0	5.7
SILVANA	4.2	4.5	5.1	5.3	6.0	6.0	5.5	5.5	5.9	5.3	5.1	5.4	5.7
BILJART	4.0	4.5	5.3	5.6	6.0	5.9	5.4	5.5	5.6	5.2	4.8	5.7	5.7
VALDA	3.8	4.3	4.5	5.1	5.6	5.8	5.4	5.5	5.5	4.9	5.9	5.9	5.5
ATTILA	4.5	4.8	5.0	5.3	5.9	6.1	5.3	5.5	5.2	5.2	4.4	5.2	5.5
BARDUR (BAR FO 9A2)	4.7	5.0	4.8	5.0	5.7	5.9	5.0	4.8	4.8	5.1	4.1	5.4	5.3
BARREPPPO	3.7	3.8	4.3	4.6	5.0	5.0	4.7	4.7	4.8	4.7	4.6	5.7	4.9
LSD VALUE	0.9	1.1	1.3	0.6	0.5	0.5	0.4	0.6	0.6	1.0	1.0	0.8	0.4

TABLE 2F.

MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS FOR EACH  
MONTH GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES  
1992 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	4.2	4.8	5.1	5.2	5.7	5.9	5.6	5.3	5.4	5.0	5.0	5.7	5.5
MX 86	3.7	4.0	4.8	4.9	5.1	5.3	5.1	4.9	5.2	4.5	4.6	4.9	5.1
LSD VALUE	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.5	0.6	1.0	0.7	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 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA  
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
WARWICK	.	18.0	.	.	16.0	6.0	.	3.0	4.0	3.0	.	.	.	.	.	86.0	7.0	23.5	1
DISCOVERY (PST-4HD)	19.5	10.0	27.5	1.5	8.0	10.0	64.5	1.0	5.5	2.0	11.5	2.0	33.0	9.0	2.0	50.0	6.0	30.5	2
SR 3100 (SRX 89-31)	11.0	1.0	44.0	16.5	37.5	1.0	85.5	2.0	15.0	1.0	7.0	79.5	85.0	23.5	1.0	32.5	1.0	1.0	3
AURORA W/ENDO. (PST-AUE)	24.5	18.0	15.0	23.0	15.0	8.0	29.0	7.0	2.5	17.0	2.5	16.0	59.5	18.5	19.5	67.0	21.0	49.0	4
RELIANT-W/ ENDOPHYTE	18.0	18.0	24.5	6.0	19.5	24.0	62.0	5.0	2.5	4.0	22.0	26.0	76.0	5.0	13.0	86.0	18.5	23.5	5
SOUTHPORT	6.0	62.0	38.0	23.0	2.5	73.5	1.0	22.5	30.0	6.0	7.0	10.0	9.5	53.5	55.5	11.0	15.0	10.5	6
BRIDGEPORT (N-105)	4.0	18.0	24.5	39.0	2.5	45.5	9.0	14.0	26.5	10.5	15.5	26.0	29.0	26.5	36.5	11.0	12.0	23.5	7
BRIGADE (MELODY)	21.0	18.0	48.5	5.0	22.0	17.0	80.5	4.0	10.5	19.0	7.0	32.5	91.0	3.5	13.0	46.0	5.0	41.5	8
SR 3000	23.0	31.0	6.0	13.5	26.5	8.0	76.0	9.0	12.0	27.0	7.0	91.0	48.5	6.5	13.0	59.0	3.0	17.0	9
PST-4AG	30.0	25.0	18.0	9.0	11.0	35.5	76.0	15.5	1.0	29.0	11.5	46.5	59.5	2.0	7.5	67.0	10.0	49.0	10
AURORA	13.0	49.5	19.0	36.5	5.0	24.0	76.0	28.0	13.0	15.0	2.5	34.5	50.5	11.0	13.0	80.5	13.5	30.5	11
TIFFANY (PST-4CD)	8.5	38.5	36.0	25.0	1.0	41.0	18.5	17.5	35.0	8.5	15.5	41.0	21.0	36.0	36.5	1.0	27.0	36.5	12
SR 5000	2.0	38.5	2.0	20.5	13.5	35.5	18.5	22.5	26.5	13.0	22.0	64.5	35.0	45.5	50.0	6.5	11.0	70.0	13
EUREKA	16.0	35.5	21.0	13.5	24.0	68.0	69.0	13.0	14.0	38.5	7.0	58.0	89.0	18.5	19.5	35.5	8.5	4.5	14
LONGFELLOW	7.0	55.0	6.0	26.0	33.0	13.0	18.5	19.5	46.0	10.5	22.0	64.5	23.0	40.5	36.5	6.5	13.5	7.5	15
JAMESTOWN II	5.0	49.5	11.5	32.5	12.0	21.0	3.0	28.0	31.0	18.0	22.0	62.0	39.0	40.5	50.0	30.0	16.0	17.0	16
RELIANT-NO ENDOPHYTE	19.5	49.5	8.5	11.0	10.0	42.5	58.0	8.0	10.5	25.5	11.5	86.0	83.0	18.5	19.5	84.0	26.0	10.5	17
SERRA	26.5	58.0	16.5	18.5	25.0	21.0	90.5	6.0	5.5	12.0	22.0	64.5	92.0	8.0	40.0	61.5	2.0	41.5	18
SCALDIS	39.0	81.5	44.0	1.5	37.5	3.0	85.5	11.5	7.5	5.0	22.0	54.5	72.0	11.0	7.5	90.0	4.0	30.5	19
PROFORMER (JMB-89)	1.0	78.5	41.0	16.5	8.0	29.5	18.5	17.5	48.0	16.0	28.0	38.0	33.0	53.5	43.0	20.0	20.0	57.5	20
SILVANA	24.5	31.0	10.0	10.0	26.5	8.0	72.5	25.0	17.0	21.5	15.5	92.0	86.0	32.0	17.0	57.0	8.5	17.0	21
SHADOW W/ENDO. (PST-SHE)	8.5	43.5	21.0	36.5	4.0	92.0	29.0	28.0	33.5	8.5	33.0	21.0	26.0	64.5	43.0	8.5	22.0	30.5	22
89.LKR	.	18.0	.	7.5	19.5	13.0	.	25.0	33.5	21.5	.	18.0	14.0	26.5	50.0	35.5	34.0	14.0	23
BILJART	38.0	5.5	8.5	13.5	29.0	2.0	47.5	34.5	9.0	32.0	15.5	69.5	84.0	32.0	7.5	72.0	18.5	7.5	24
VALDA	51.5	81.5	13.5	20.5	85.0	17.0	29.0	15.5	7.5	7.0	22.0	32.5	80.0	6.5	13.0	55.0	17.0	3.0	25
BIGHORN	17.0	85.0	39.0	4.0	21.0	11.0	64.5	11.5	21.0	35.0	2.5	23.0	90.0	26.5	3.5	93.5	23.5	93.0	26
ATTILA	31.5	10.0	11.5	3.0	61.0	27.0	90.5	54.0	16.0	33.0	22.0	42.5	79.0	16.0	13.0	14.5	28.0	2.0	27
DIGNITY (OFI 89-200)	10.0	58.0	4.0	32.5	29.0	88.5	18.5	10.0	47.0	20.0	33.0	84.0	26.0	49.0	50.0	11.0	29.0	17.0	28
PST-4FE	3.0	62.0	16.5	23.0	13.5	68.0	29.0	36.5	51.0	24.0	33.0	71.0	11.0	32.0	58.0	4.0	46.5	30.5	29
BARDUR (BAR FO 9A2)	41.5	41.0	48.5	7.5	44.5	17.0	29.0	71.5	18.5	55.5	11.5	81.5	82.0	36.0	3.5	83.0	25.0	23.5	30
PST-4R3	47.0	31.0	77.0	40.5	8.0	81.5	58.0	34.5	49.0	14.0	28.0	54.5	16.0	62.5	79.0	41.5	32.0	49.0	31
WALDORF	45.0	43.5	13.5	30.0	63.0	54.5	29.0	21.0	26.5	34.0	46.0	73.5	64.5	32.0	19.5	64.0	31.0	49.0	32
MX 86	33.0	93.0	64.0	13.5	31.0	5.0	85.5	43.0	18.5	51.0	2.5	64.5	93.0	23.5	30.5	93.5	23.5	94.0	33
EPSOM	14.5	5.5	37.0	45.0	90.0	39.0	18.5	36.5	43.5	37.0	79.0	12.5	26.0	45.5	.	46.0	36.0	20.0	34
BANNER	26.5	88.5	52.0	27.0	58.5	21.0	18.5	31.0	50.0	23.0	33.0	84.0	43.5	89.0	66.5	38.5	37.0	41.5	35
MOLINDA	41.5	49.5	24.5	42.0	60.0	49.0	34.0	25.0	38.0	42.0	46.0	7.0	46.5	40.5	55.5	25.5	86.0	57.5	36
BARGREEN	14.5	18.0	33.5	73.5	88.0	85.0	85.5	31.0	22.0	25.5	46.0	54.5	21.0	18.5	30.5	20.0	66.5	36.5	37
SALEM	53.0	58.0	59.0	50.0	6.0	27.0	9.0	47.5	71.5	73.5	46.0	10.0	29.0	77.0	73.0	48.5	40.5	49.0	38
ATLANTA	45.0	31.0	33.5	40.5	69.0	49.0	47.5	43.0	36.0	46.0	39.5	36.0	43.5	49.0	43.0	20.0	57.0	70.0	39
SEABREEZE (FRT-30149)	60.5	5.5	1.0	88.0	80.0	39.0	69.0	41.0	62.0	73.5	55.0	17.0	7.0	1.0	36.5	8.5	54.5	17.0	40
ENJOY	37.0	25.0	33.5	67.0	71.0	59.0	18.5	60.0	29.0	44.5	79.0	26.0	29.0	53.5	26.5	2.5	78.0	6.0	41
PST-43F	57.0	5.5	86.5	36.5	23.0	17.0	47.5	33.0	81.0	76.5	39.5	14.0	8.0	60.5	75.5	23.5	42.5	57.5	42
TROPHY (ESTORIL)	28.5	18.0	6.0	88.0	80.0	49.0	9.0	39.0	23.5	42.0	55.0	87.0	6.0	13.5	60.0	16.0	80.0	70.0	43
SHADOW	31.5	85.0	31.0	70.5	49.5	32.0	47.5	31.0	45.0	30.0	66.5	73.5	68.0	62.5	59.0	38.5	44.0	49.0	44
JAMESTOWN	22.0	88.5	61.5	47.5	44.5	32.0	47.5	45.0	38.0	36.0	33.0	79.5	56.0	87.0	62.0	27.5	48.5	81.0	45
JASPER	65.5	31.0	46.0	77.0	51.0	68.0	36.0	39.0	89.0	61.5	39.5	12.5	18.5	58.0	66.5	17.0	40.5	27.0	46
PST-4NI	60.5	38.5	84.0	53.0	17.5	68.0	9.0	43.0	71.5	80.0	33.0	39.0	33.0	58.0	75.5	20.0	38.5	49.0	47
BARREPPPO	74.0	94.0	42.0	18.5	53.0	42.5	85.5	46.0	20.0	61.5	22.0	90.0	87.0	68.0	24.5	86.0	30.0	70.0	48
HERALD	71.5	49.5	29.5	58.5	55.5	45.5	39.0	57.0	65.0	44.5	66.5	5.0	54.5	36.0	66.5	27.5	54.5	57.5	49
PST-4C8	58.5	31.0	58.0	53.0	41.0	35.5	9.0	49.5	73.5	54.0	66.5	29.5	9.5	64.5	71.5	44.0	51.5	63.0	50
VISTA	55.0	43.5	90.0	32.5	17.5	68.0	47.5	52.0	78.5	69.0	33.0	15.0	41.5	73.0	83.0	56.0	38.5	63.0	51

TABLE 3A.  
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA

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

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
ERG 1143	67.0	49.5	52.0	28.0	82.5	17.0	76.0	55.5	26.5	47.0	79.0	50.5	52.0	40.5	5.0	23.5	83.0	41.5	52
MARY	49.0	58.0	61.5	61.5	58.5	59.0	47.5	60.0	43.5	38.5	55.0	44.0	40.0	53.5	30.5	25.5	89.0	23.5	53
CAMARO	43.0	49.5	29.5	85.5	75.5	86.5	18.5	39.0	41.0	31.0	46.0	67.5	50.5	40.5	71.5	5.0	83.0	77.0	54
FLYER	69.0	58.0	81.0	36.5	29.0	32.0	18.5	71.5	94.0	66.0	39.5	34.5	46.5	80.0	62.0	51.5	42.5	77.0	55
WILMA	12.0	85.0	69.0	29.0	65.5	78.5	18.5	93.0	53.5	40.0	46.0	39.0	38.0	77.0	50.0	35.5	61.0	30.5	56
RAYMOND	34.5	71.0	44.0	51.0	82.5	83.5	36.0	87.0	38.0	48.0	66.5	60.5	18.5	58.0	30.5	20.0	74.5	36.5	57
HF 138	64.0	43.5	60.0	81.5	43.0	24.0	9.0	49.5	80.0	69.0	79.0	21.0	13.0	68.0	55.5	32.5	66.5	70.0	58
SHADEMASTER	82.0	54.0	72.5	43.5	35.5	27.0	85.5	55.5	83.0	55.5	39.5	31.0	45.0	73.0	81.0	64.0	35.0	80.0	59
DOVER (NK 82492)	34.5	65.5	52.0	43.5	94.0	68.0	47.5	81.5	59.0	28.0	28.0	69.5	81.0	68.0	66.5	13.0	58.5	57.5	60
NAPOLI (LD 3488)	90.0	3.0	78.0	88.0	71.0	35.5	18.5	52.0	56.5	76.5	79.0	3.0	21.0	15.0	46.0	30.0	74.5	4.5	61
SCARLET	58.5	25.0	69.0	46.0	67.5	68.0	29.0	85.0	58.0	61.5	79.0	24.0	36.5	49.0	36.5	2.5	87.0	34.0	62
BELVEDERE	62.5	71.0	83.0	32.5	49.5	13.0	79.0	65.0	53.5	42.0	55.0	81.5	69.0	32.0	75.5	59.0	33.0	92.0	63
PUMA	54.0	65.5	21.0	67.0	75.5	54.5	29.0	81.5	41.0	53.0	55.0	46.5	67.0	81.5	43.0	41.5	74.5	36.5	64
BARLANDER (BAR FR 9F)	51.5	25.0	47.0	90.5	57.0	39.0	92.0	47.5	60.0	57.0	79.0	54.5	2.0	71.0	13.0	41.5	92.5	49.0	65
SMIRNA (ZW 42-160)	86.5	10.0	24.5	83.5	93.0	4.0	47.5	60.0	92.5	94.0	39.5	8.0	5.0	3.5	.	53.0	53.0	49.0	66
KOKET	36.0	71.0	40.0	53.0	54.0	45.5	47.5	77.0	41.0	51.0	55.0	49.0	75.0	89.0	70.0	41.5	94.0	63.0	67
FERNANDO (HF 112)	28.5	10.0	55.5	83.5	86.0	53.0	3.0	83.0	32.0	51.0	87.5	88.0	17.0	29.0	43.0	14.5	92.5	10.5	68
CINDY	71.5	18.0	86.5	63.0	67.5	59.0	5.0	73.5	76.0	49.0	79.0	4.0	12.0	83.0	55.5	30.0	71.0	10.5	69
SIMONE (LD 3485)	40.0	31.0	3.0	67.0	87.0	59.0	36.0	68.5	23.5	76.5	87.5	78.0	59.5	60.5	23.0	46.0	91.0	77.0	70
RAINBOW	45.0	35.5	76.0	75.5	89.0	51.5	9.0	75.5	53.5	65.0	55.0	67.5	24.0	26.5	24.5	35.5	90.0	23.5	71
BARCROWN	84.5	2.0	72.5	93.0	84.0	75.5	69.0	19.5	86.0	84.0	90.0	1.0	3.5	13.5	7.5	48.5	70.0	39.0	72
REVERE (NK 88001)	50.0	75.5	69.0	47.5	47.0	63.0	58.0	78.5	92.5	69.0	66.5	46.5	66.0	40.5	22.0	78.5	51.5	83.5	73
DAWSON	76.0	38.5	52.0	67.0	78.0	59.0	39.0	75.5	90.0	92.0	55.0	10.0	15.0	21.5	79.0	64.0	50.0	63.0	74
CAPITOL	48.0	65.5	64.0	61.5	74.0	93.0	47.5	78.5	53.5	59.0	66.5	42.5	54.5	53.5	30.5	61.5	72.0	63.0	75
COLLO (LD 3414)	73.0	71.0	66.5	64.0	52.0	68.0	64.5	70.0	63.0	79.0	55.0	75.5	78.0	45.5	66.5	70.5	48.5	82.0	76
BARNICA	56.0	77.0	27.5	78.0	64.0	51.5	85.5	73.5	56.5	61.5	66.5	77.0	70.0	81.5	62.0	51.5	79.0	49.0	77
ENSYLVA	75.0	81.5	52.0	56.0	41.0	77.0	69.0	85.0	67.0	76.5	55.0	89.0	73.5	86.0	26.5	73.5	58.5	86.5	78
TALUS (LD 3438)	62.5	62.0	88.0	72.0	73.0	80.0	47.5	65.0	68.5	87.0	79.0	21.0	59.5	53.5	50.0	67.0	46.5	57.5	79
MARKER	83.0	49.5	85.0	85.5	91.0	59.0	58.0	60.0	91.0	89.5	86.0	6.0	1.0	11.0	30.5	70.5	60.0	13.0	80
WW RS 138	79.5	71.0	89.0	81.5	35.5	29.5	72.5	68.5	86.0	71.5	79.0	40.0	48.5	77.0	83.0	59.0	45.0	70.0	81
BARGENA II (BAR FR8RC3)	81.0	88.5	55.5	58.5	41.0	91.0	58.0	88.5	76.0	88.0	46.0	46.5	53.0	77.0	86.0	75.0	63.0	89.0	82
BARSKOL (BAR FR 9P)	91.0	10.0	75.0	73.5	80.0	75.5	47.5	65.0	61.0	84.0	90.0	54.5	3.5	21.5	36.5	54.0	83.0	77.0	83
CLAUDIA	77.0	88.5	79.0	75.5	33.0	68.0	64.5	92.0	76.0	58.0	55.0	75.5	62.5	91.0	75.5	73.5	63.0	86.5	84
BOREAL	79.5	75.5	80.0	70.5	33.0	78.5	29.0	94.0	86.0	67.0	66.5	59.0	77.0	73.0	88.0	78.5	68.5	77.0	85
WW RS 143	86.5	71.0	66.5	79.0	46.0	90.0	3.0	65.0	68.5	89.5	79.0	72.0	57.0	77.0	86.0	89.0	56.0	86.5	86
FRANKLIN	78.0	71.0	57.0	55.0	39.0	45.5	76.0	90.0	78.5	64.0	66.5	28.0	88.0	93.0	89.0	91.5	88.0	86.5	87
WW RS 130	84.5	65.5	92.0	60.0	71.0	59.0	47.5	52.0	65.0	84.0	66.5	29.5	36.5	68.0	90.5	76.0	74.5	49.0	88
BARGENA	69.0	81.5	64.0	57.0	55.5	83.5	80.5	80.0	83.0	86.0	66.5	84.0	73.5	84.5	86.0	69.0	63.0	83.5	89
ELANOR	69.0	91.0	33.5	80.0	65.5	94.0	85.5	65.0	65.0	71.5	79.0	60.5	62.5	84.5	83.0	82.0	65.0	70.0	90
SUNSET (ZW 42-158)	89.0	78.5	71.0	67.0	48.0	81.5	69.0	88.5	88.0	81.0	79.0	37.0	71.0	92.0	79.0	80.5	68.5	90.0	91
SYLVESTER	65.5	92.0	82.0	49.0	62.0	86.5	39.0	91.0	83.0	82.0	66.5	50.5	64.5	89.0	90.5	91.5	77.0	66.0	92
COMFORT (HF 102)	88.0	25.0	74.0	92.0	77.0	73.5	58.0	85.0	70.0	91.0	92.0	19.0	31.0	45.5	66.5	88.0	85.0	74.0	93
BARLOTTE	92.0	13.0	91.0	90.5	92.0	88.5	58.0	60.0	73.5	93.0	90.0	54.5	41.5	68.0	50.0	77.0	81.0	91.0	94

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

TABLE 3B.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CREEPING RED FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA  
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
PST-4R3	1.0	4.0	15.0	5.0	2.0	21.5	16.0	2.0	1.0	1.0	1.0	19.0	4.0	9.0	15.5	6.0	1.0	4.5	1
SALEM	3.0	10.5	8.0	9.0	1.0	3.5	4.0	5.0	10.5	16.0	8.5	3.0	6.0	16.5	10.0	8.0	6.5	4.5	2
PST-43F	5.0	1.0	22.5	3.5	5.0	2.0	12.5	1.0	18.0	17.5	5.5	5.0	1.0	8.0	12.5	3.0	8.5	8.0	3
JASPER	10.5	4.0	3.0	24.0	19.0	15.0	8.0	3.0	25.0	8.0	5.5	4.0	5.0	6.5	7.0	1.0	6.5	2.0	4
PST-4NI	7.0	6.0	21.0	10.5	3.5	15.0	4.0	4.0	10.5	20.0	2.5	14.0	7.0	6.5	12.5	2.0	4.5	4.5	5
HERALD	15.5	8.0	1.0	15.5	21.5	8.5	9.5	10.0	5.0	3.0	17.5	2.0	14.0	2.0	7.0	4.0	15.0	8.0	6
PST-4C8	6.0	4.0	7.0	10.5	13.0	7.0	4.0	6.0	12.0	5.0	17.5	9.5	2.0	10.0	9.0	7.0	13.5	10.5	7
VISTA	4.0	7.0	26.0	1.5	3.5	15.0	12.5	7.5	16.5	12.5	2.5	6.0	9.0	13.0	19.0	10.0	4.5	10.5	8
FLYER	13.0	10.5	18.0	3.5	6.0	6.0	6.0	17.0	27.0	10.0	5.5	12.0	11.0	19.0	5.0	9.0	8.5	15.5	9
SHADEMASTER	24.0	9.0	14.0	6.0	9.5	3.5	26.5	9.0	20.0	6.0	5.5	11.0	10.0	13.0	17.0	13.0	3.0	17.0	10
BELVEDERE	8.5	16.0	20.0	1.5	18.0	1.0	24.0	12.5	2.0	2.0	11.5	25.0	21.0	1.0	12.5	11.5	2.0	27.0	11
CINDY	15.5	2.0	22.5	18.0	25.0	10.5	2.0	18.0	14.0	4.0	24.5	1.0	3.0	20.0	4.0	5.0	24.0	1.0	12
REVERE (NK 88001)	2.0	19.5	12.0	7.0	16.0	12.0	16.0	19.0	26.0	12.5	17.5	16.5	20.0	3.0	1.0	21.5	13.5	19.5	13
COLLO (LD 3414)	17.0	16.0	10.5	19.0	20.0	15.0	18.5	16.0	3.0	19.0	11.5	23.5	26.0	4.0	7.0	16.0	12.0	18.0	14
ENSYLVA	18.0	22.5	4.0	13.0	13.0	18.0	20.5	21.0	7.0	17.5	11.5	27.0	23.5	23.0	2.0	17.5	17.0	22.5	15
TALUS (LD 3438)	8.5	12.0	24.0	22.0	27.0	20.0	12.5	12.5	8.5	25.0	24.5	7.0	16.0	5.0	3.0	14.0	11.0	8.0	16
WW RS 138	21.5	16.0	25.0	27.0	9.5	5.0	22.0	15.0	22.5	14.5	24.5	15.0	12.0	16.5	19.0	11.5	10.0	13.5	17
BARGENA II (BAR FR8RC3)	23.0	24.5	5.0	15.5	13.0	26.0	16.0	22.5	14.0	26.0	8.5	16.5	13.0	16.5	22.0	19.0	19.0	25.0	18
CLAUDIA	19.0	24.5	16.0	23.0	7.5	15.0	18.5	26.0	14.0	7.0	11.5	23.5	17.5	25.0	12.5	17.5	19.0	22.5	19
BOREAL	21.5	19.5	17.0	21.0	7.5	19.0	7.0	27.0	22.5	11.0	17.5	20.0	25.0	13.0	24.0	21.5	22.5	15.5	20
WW RS 143	26.0	16.0	10.5	25.0	15.0	25.0	1.0	12.5	8.5	27.0	24.5	22.0	15.0	16.5	22.0	25.0	16.0	22.5	21
FRANKLIN	20.0	16.0	6.0	12.0	11.0	8.5	23.0	24.0	16.5	9.0	17.5	8.0	27.0	27.0	25.0	26.5	27.0	22.5	22
WW RS 130	25.0	13.0	27.0	17.0	26.0	10.5	12.5	7.5	5.0	23.0	17.5	9.5	8.0	11.0	26.5	20.0	25.0	4.5	23
BARGENA	13.0	22.5	9.0	14.0	21.5	23.0	25.0	20.0	20.0	24.0	17.5	26.0	23.5	21.5	22.0	15.0	19.0	19.5	24
ELANOR	13.0	26.0	2.0	26.0	24.0	27.0	26.5	12.5	5.0	14.5	24.5	21.0	17.5	21.5	19.0	24.0	21.0	13.5	25
SUNSET (ZW 42-158)	27.0	21.0	13.0	20.0	17.0	21.5	20.5	22.5	24.0	21.0	24.5	13.0	22.0	26.0	15.5	23.0	22.5	26.0	26
SYLVESTER	10.5	27.0	19.0	8.0	23.0	24.0	9.5	25.0	20.0	22.0	17.5	18.0	19.0	24.0	26.5	26.5	26.0	12.0	27

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA  
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
SEABREEZE (FRT-30149)	1	3.0	1	6.5	5.5	4.0	9.5	2	3	2.0	2.5	6.0	5.0	1.0	3.5	1	3	3	1
HF 138	2	9.0	4	3.0	1.0	2.0	1.0	3	6	1.0	4.5	8.0	6.0	9.5	7.0	3	5	7	2
NAPOLI (LD 3488)	8	2.0	8	6.5	2.0	3.0	2.0	4	1	3.0	4.5	2.0	8.0	5.0	5.0	2	7	1	3
SMIRNA (ZW 42-160)	6	4.5	2	4.0	10.0	1.0	4.5	6	10	10.0	1.0	4.0	4.0	2.0	.	5	2	5	4
BARCROWN	5	1.0	5	10.0	7.0	8.5	9.5	1	7	4.5	8.0	1.0	2.5	4.0	1.0	4	6	4	5
DAWSON	3	8.0	3	1.0	4.0	5.5	3.0	9	8	8.0	2.5	5.0	7.0	6.5	9.0	7	1	6	6
MARKER	4	10.0	9	5.0	8.0	5.5	7.0	6	9	6.0	6.0	3.0	1.0	3.0	2.0	8	4	2	7
BARSKOL (BAR FR 9P)	9	4.5	7	2.0	5.5	8.5	4.5	8	2	4.5	8.0	9.5	2.5	6.5	3.5	6	9	9	8
COMFORT (HF 102)	7	7.0	6	9.0	3.0	7.0	7.0	10	4	7.0	10.0	7.0	9.0	8.0	8.0	10	10	8	9
BARLOTTE	10	6.0	10	8.0	9.0	10.0	7.0	6	5	9.0	8.0	9.5	10.0	9.5	6.0	9	8	10	10

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

TABLE 3D.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA

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

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
SOUTHPORT	6.0	24.5	21.0	4.5	2.5	29.0	1.0	7.5	9.0	1.0	1.0	2.0	3.0	22.0	25.5	10.0	4.0	3.5	1
BRIDGEPORT (N-105)	4.0	4.5	11.5	15.0	2.5	13.5	5.0	2.0	5.5	4.5	2.5	7.5	15.5	4.0	12.5	10.0	2.0	10.0	2
TIFFANY (PST-4CD)	8.5	13.5	19.0	6.0	1.0	12.0	11.5	3.5	14.0	2.5	2.5	11.0	8.5	9.0	12.5	1.0	8.0	17.5	3
SR 5000	2.0	13.5	1.0	3.0	7.5	9.0	11.5	7.5	5.5	6.0	5.0	21.5	18.0	15.5	22.0	6.5	1.0	32.0	4
LONGFELLOW	7.0	21.0	4.5	7.0	11.0	1.5	11.5	5.0	25.0	4.5	5.0	21.5	10.0	12.0	12.5	6.5	3.0	2.0	5
JAMESTOWN II	5.0	18.5	6.0	12.5	6.0	4.5	2.5	11.5	10.0	8.0	5.0	20.0	21.0	12.0	22.0	23.0	5.0	6.5	6
PROFORMER (JMB-89)	1.0	32.0	23.0	2.0	5.0	6.0	11.5	3.5	27.0	7.0	7.5	10.0	17.0	22.0	17.0	16.5	6.0	27.0	7
SHADOW W/ENDO. (PST-SHE)	8.5	15.5	9.5	14.0	4.0	35.0	19.0	11.5	12.5	2.5	11.0	5.0	13.0	28.0	17.0	8.0	7.0	13.0	8
89.LKR	.	4.5	.	1.0	9.0	1.5	.	9.5	12.5	10.0	.	4.0	5.0	4.0	22.0	25.0	11.0	5.0	9
DIGNITY (OFI 89-200)	10.0	22.5	3.0	12.5	10.0	34.0	11.5	1.0	26.0	9.0	11.0	32.5	13.0	18.0	22.0	10.0	9.0	6.5	10
PST-4FE	3.0	24.5	8.0	4.5	7.5	27.0	19.0	16.5	29.0	12.0	11.0	26.0	4.0	7.5	27.0	4.0	15.0	13.0	11
WALDORF	27.0	15.5	7.0	11.0	19.0	21.5	19.0	6.0	5.5	17.0	17.0	27.5	31.0	7.5	3.0	36.0	10.0	23.5	12
EPSOM	12.5	1.0	20.0	19.0	35.0	10.5	11.5	16.5	22.5	19.0	31.0	3.0	13.0	15.5	.	32.5	12.0	8.0	13
BANNER	15.0	35.5	27.0	8.0	16.5	4.5	11.5	14.0	28.0	11.0	11.0	32.5	23.5	35.5	32.5	27.5	13.0	20.5	14
MOLINDA	24.0	18.5	11.5	17.0	18.0	16.0	22.0	9.5	17.0	22.5	17.0	1.0	25.0	12.0	25.5	20.5	29.0	27.0	15
BARGREEN	12.5	4.5	17.0	30.0	33.0	32.0	33.5	14.0	1.0	13.0	17.0	17.5	8.5	2.0	8.5	16.5	20.0	17.5	16
ATLANTA	27.0	10.5	17.0	16.0	23.0	16.0	28.0	20.0	15.0	25.0	14.0	9.0	23.5	18.0	17.0	16.5	17.0	32.0	17
ENJOY	22.0	8.0	17.0	27.0	24.0	24.0	11.5	24.5	8.0	24.0	31.0	7.5	15.5	22.0	6.0	2.5	24.0	1.0	18
TROPHY (ESTORIL)	16.5	4.5	4.5	35.0	28.0	16.0	5.0	18.5	2.5	22.5	22.0	34.0	2.0	1.0	29.0	14.0	26.0	32.0	19
SHADOW	18.0	33.5	15.0	29.0	13.0	7.5	28.0	14.0	24.0	15.0	26.5	27.5	33.0	27.0	28.0	27.5	14.0	23.5	20
JAMESTOWN	14.0	35.5	30.5	21.0	12.0	7.5	28.0	21.0	17.0	18.0	11.0	31.0	29.0	34.0	30.5	22.0	16.0	36.0	21
ERG 1143	35.0	18.5	27.0	9.0	29.5	3.0	32.0	23.0	5.5	26.0	31.0	16.0	27.0	12.0	1.0	19.0	27.5	20.5	22
MARY	30.0	22.5	30.5	24.5	16.5	24.0	28.0	24.5	22.5	20.0	22.0	13.0	22.0	22.0	8.5	20.5	31.0	10.0	23
CAMARO	25.0	18.5	14.0	34.0	26.5	33.0	11.5	18.5	20.0	16.0	17.0	23.5	26.0	12.0	35.0	5.0	27.5	34.5	24
WILMA	11.0	33.5	33.5	10.0	21.0	30.0	11.5	36.0	31.0	21.0	17.0	36.0	20.0	31.0	22.0	25.0	19.0	13.0	25
RAYMOND	19.5	29.5	24.0	22.0	29.5	31.0	23.5	35.0	17.0	27.0	26.5	19.0	7.0	25.0	8.5	16.5	22.5	17.5	26
DOVER (NK 82492)	19.5	27.0	27.0	18.0	36.0	27.0	28.0	31.5	35.0	14.0	7.5	25.0	36.0	29.0	32.5	12.0	18.0	27.0	27
SCARLET	34.0	8.0	33.5	20.0	22.0	27.0	19.0	34.0	34.0	33.5	31.0	6.0	19.0	18.0	12.5	2.5	30.0	15.0	28
PUMA	32.0	27.0	9.5	27.0	26.5	21.5	19.0	31.5	20.0	30.0	22.0	14.0	32.0	32.5	17.0	30.0	22.5	17.5	29
BARLANDER (BAR FR 9F)	31.0	8.0	25.0	36.0	15.0	10.5	35.0	22.0	36.0	31.0	31.0	17.5	1.0	30.0	2.0	30.0	34.5	23.5	30
KOKET	21.0	29.5	22.0	23.0	14.0	13.5	28.0	29.0	20.0	28.5	22.0	15.0	35.0	35.5	34.0	30.0	36.0	29.5	31
FERNANDO (HF 112)	16.5	2.0	29.0	33.0	31.0	20.0	2.5	33.0	11.0	28.5	34.5	35.0	6.0	6.0	17.0	13.0	34.5	3.5	32
SIMONE (LD 3485)	23.0	10.5	2.0	27.0	32.0	24.0	23.5	26.0	2.5	36.0	34.5	30.0	30.0	26.0	4.0	32.5	33.0	34.5	33
RAINBOW	27.0	12.0	35.0	31.0	34.0	18.5	5.0	28.0	31.0	35.0	22.0	23.5	11.0	4.0	5.0	25.0	32.0	10.0	34
CAPITOL	29.0	27.0	32.0	24.5	25.0	36.0	28.0	30.0	31.0	32.0	26.5	12.0	28.0	22.0	8.5	35.0	21.0	29.5	35
BARNICA	33.0	31.0	13.0	32.0	20.0	18.5	33.5	27.0	33.0	33.5	26.5	29.0	34.0	32.5	30.5	34.0	25.0	23.5	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  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA

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

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
WARWICK	.	6.5	.	.	6.0	4.0	.	3.0	4.0	3	.	.	.	.	.	17.0	7.0	10.0	1
DISCOVERY (PST-4HD)	5.5	3.5	13.0	1.5	2.0	8.0	7.0	1.0	5.5	2	8.5	1.0	1.0	7.0	2.0	5.0	6.0	13.0	2
SR 3100 (SRX 89-31)	1.0	1.0	15.5	13.0	14.5	1.0	15.0	2.0	15.0	1	4.5	13.0	13.0	14.0	1.0	2.0	1.0	1.0	3
AURORA W/ENDO. (PST-AUE)	9.5	6.5	7.0	17.0	5.0	6.0	2.0	7.0	2.5	9	1.5	2.0	4.5	12.0	15.0	10.5	15.0	17.5	4
RELIANT-W/ ENDOPHYTE	4.0	6.5	12.0	5.0	7.0	13.5	6.0	5.0	2.5	4	15.5	3.0	7.0	3.0	9.5	17.0	13.5	10.0	5
BRIGADE (MELODY)	7.0	6.5	17.5	4.0	8.0	10.0	13.0	4.0	10.5	10	4.5	4.5	17.0	2.0	9.5	4.0	5.0	15.5	6
SR 3000	8.0	10.5	1.0	11.0	11.5	6.0	11.0	9.0	12.0	13	4.5	17.0	2.0	4.5	9.5	8.0	3.0	7.5	7
PST-4AG	12.0	9.0	9.0	7.0	4.0	16.0	11.0	12.5	1.0	14	8.5	8.0	4.5	1.0	5.0	10.5	10.0	17.5	8
AURORA	2.0	14.5	10.0	18.0	1.0	13.5	11.0	15.0	13.0	8	1.5	6.0	3.0	8.5	9.5	13.0	11.0	13.0	9
EUREKA	3.0	12.0	11.0	11.0	9.0	19.0	8.0	11.0	14.0	17	4.5	10.0	16.0	12.0	15.0	3.0	8.5	4.0	10
RELIANT-NO ENDOPHYTE	5.5	14.5	2.5	9.0	3.0	17.5	5.0	8.0	10.5	12	8.5	15.0	11.0	12.0	15.0	15.0	17.0	6.0	11
SERRA	11.0	16.0	8.0	14.5	10.0	12.0	17.5	6.0	5.5	7	15.5	11.0	18.0	6.0	18.0	9.0	2.0	15.5	12
SCALDIS	15.0	17.5	15.5	1.5	14.5	3.0	15.0	10.0	7.5	5	15.5	9.0	6.0	8.5	5.0	19.0	4.0	13.0	13
SILVANA	9.5	10.5	4.0	8.0	11.5	6.0	9.0	14.0	17.0	11	11.5	18.0	14.0	15.5	13.0	7.0	8.5	7.5	14
BILJART	14.0	2.0	2.5	11.0	13.0	2.0	4.0	16.0	9.0	15	11.5	12.0	12.0	15.5	5.0	12.0	13.5	5.0	15
VALDA	17.0	17.5	6.0	16.0	19.0	10.0	2.0	12.5	7.5	6	15.5	4.5	9.0	4.5	9.5	6.0	12.0	3.0	16
ATTILA	13.0	3.5	5.0	3.0	18.0	15.0	17.5	18.0	16.0	16	15.5	7.0	8.0	10.0	9.5	1.0	18.0	2.0	17
BARBUR (BAR FO 9A2)	16.0	13.0	17.5	6.0	16.0	10.0	2.0	19.0	18.0	18	8.5	14.0	10.0	17.0	3.0	14.0	16.0	10.0	18
BARREPP0	18.0	19.0	14.0	14.5	17.0	17.5	15.0	17.0	19.0	19	15.5	16.0	15.0	18.0	17.0	17.0	19.0	19.0	19

TABLE 3F.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS  
GROWN AT EIGHTEEN LOCATIONS IN THE UNITED STATES 1/  
1992 DATA

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

NAME	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	MEAN
BIGHORN	1	1	1	1	1	2	1	1	2	1	1.5	1	1	2	1	1.5	1.5	1	1
MX 86	2	2	2	2	2	1	2	2	1	2	1.5	2	2	1	2	1.5	1.5	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  
1992 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/								
NAME	ID2	PA2	MEAN	NAME	ID2	PA2	MEAN	
MARKER	7.5	6.7	7.1	VALDA	6.0	6.0	6.0	
BIGHORN	7.0	7.0	7.0	VISTA	6.0	6.0	6.0	
BARREPPPO	6.3	7.0	6.7	WALDORF	6.0	6.0	6.0	
ERG 1143	6.7	6.3	6.5	WILMA	6.0	6.0	6.0	
SR 3100 (SRX 89-31)	6.3	6.7	6.5	ATLANTA	6.0	5.7	5.8	
PST-4NI	6.5	6.3	6.4	BRIDGEPORT (N-105)	6.0	5.7	5.8	
TALUS (LD 3438)	6.5	6.3	6.4	CAMARO	6.0	5.7	5.8	
ATTEILA	6.7	6.0	6.3	DAWSON	6.0	5.7	5.8	
BARLANDER (BAR FR 9F)	6.0	6.7	6.3	DOVER (NK 82492)	5.7	6.0	5.8	
SHADOW W/ENDO. (PST-SHE)	6.7	6.0	6.3	ENJOY	5.7	6.0	5.8	
SILVANA	6.7	6.0	6.3	ENSYLVA	5.7	6.0	5.8	
WW RS 138	6.5	6.0	6.3	FERNANDO (HF 112)	6.0	5.7	5.8	
JASPER	5.7	6.7	6.2	HF 138	6.0	5.7	5.8	
BARDUR (BAR FO 9A2)	6.3	6.0	6.2	MOLINDA	5.7	6.0	5.8	
BARGREEN	6.3	6.0	6.2	MX 86	5.0	6.7	5.8	
BOREAL	6.0	6.3	6.2	PROFORMER (JMB-89)	5.7	6.0	5.8	
ELANOR	6.3	6.0	6.2	PST-4AG	6.0	5.7	5.8	
FRANKLIN	6.3	6.0	6.2	PUMA	5.7	6.0	5.8	
PST-4C8	6.0	6.3	6.2	RELIANT-W/ ENDOPHYTE	6.0	5.7	5.8	
PST-4FE	6.3	6.0	6.2	SUNSET (ZW 42-158)	6.0	5.7	5.8	
RAYMOND	6.3	6.0	6.2	WW RS 130	6.0	5.7	5.8	
SIMONE (LD 3485)	6.3	6.0	6.2	SCARLET	5.3	6.3	5.8	
BILJART	6.5	5.7	6.1	SR 5000	6.3	5.3	5.8	
REVERE (NK 88001)	6.5	5.7	6.1	BARSKOL (BAR FR 9P)	5.5	6.0	5.8	
89.LKR	.	6.0	6.0	COMFORT (HF 102)	5.5	6.0	5.8	
AURORA W/ENDO. (PST-AUE)	6.0	6.0	6.0	MARY	5.5	6.0	5.8	
BANNER	6.0	6.0	6.0	PST-43F	5.5	6.0	5.8	
BARCROWN	6.0	6.0	6.0	PST-4R3	5.5	6.0	5.8	
BARGENA II (BAR FR8RC3)	6.0	6.0	6.0	SALEM	5.5	6.0	5.8	
BELVEDERE	6.0	6.0	6.0	SCALDIS	5.5	6.0	5.8	
BRIGADE (MELODY)	6.0	6.0	6.0	LONGFELLOW	5.7	5.7	5.7	
CLAUDIA	6.0	6.0	6.0	AURORA	6.0	5.3	5.7	
COLLO (LD 3414)	6.0	6.0	6.0	BARGENA	6.0	5.3	5.7	
DIGNITY (OFI 89-200)	6.0	6.0	6.0	CAPITOL	5.3	6.0	5.7	
FLYER	6.0	6.0	6.0	DISCOVERY (PST-4HD)	5.3	6.0	5.7	
HERALD	6.0	6.0	6.0	SR 3000	6.0	5.3	5.7	
JAMESTOWN	6.0	6.0	6.0	BARNICA	5.7	5.3	5.5	
NAPOLI (LD 3488)	6.0	6.0	6.0	CINDY	5.0	6.0	5.5	
RAINBOW	6.0	6.0	6.0	EUREKA	5.7	5.3	5.5	
RELIANT-NO ENDOPHYTE	6.3	5.7	6.0	KOKET	5.7	5.3	5.5	
SEABREEZE (FRT-30149)	6.0	6.0	6.0	SYLVESTER	5.0	6.0	5.5	
SERRA	6.3	5.7	6.0	TROPHY (ESTORIL)	5.0	6.0	5.5	
SHADEMASTER	6.0	6.0	6.0	WW RS 143	5.7	5.3	5.5	
SHADOW	6.0	6.0	6.0	BARLOTTE	5.0	5.7	5.3	
SMIRNA (ZW 42-160)	6.0	.	6.0	JAMESTOWN II	5.0	5.7	5.3	
SOUTHPORT	6.3	5.7	6.0	EPSOM	4.7	.	4.7	
TIFFANY (PST-4CD)	6.0	6.0	6.0					
				LSD VALUE	1.2	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 4B. GENETIC COLOR RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/

NAME	ID2	PA2	MEAN
PST-4NI	6.5	6.3	6.4
TALUS (LD 3438)	6.5	6.3	6.4
WW RS 138	6.5	6.0	6.3
JASPER	5.7	6.7	6.2
BOREAL	6.0	6.3	6.2
ELANOR	6.3	6.0	6.2
FRANKLIN	6.3	6.0	6.2
PST-4C8	6.0	6.3	6.2
REVERE (NK 88001)	6.5	5.7	6.1
BARGENA II (BAR FR8RC3)	6.0	6.0	6.0
BELVEDERE	6.0	6.0	6.0
CLAUDIA	6.0	6.0	6.0
COLLO (LD 3414)	6.0	6.0	6.0
FLYER	6.0	6.0	6.0
HERALD	6.0	6.0	6.0
SHADEMASTER	6.0	6.0	6.0
VISTA	6.0	6.0	6.0
ENSYLVA	5.7	6.0	5.8
SUNSET (ZW 42-158)	6.0	5.7	5.8
WW RS 130	6.0	5.7	5.8
PST-43F	5.5	6.0	5.8
PST-4R3	5.5	6.0	5.8
SALEM	5.5	6.0	5.8
BARGENA	6.0	5.3	5.7
CINDY	5.0	6.0	5.5
SYLVESTER	5.0	6.0	5.5
WW RS 143	5.7	5.3	5.5
LSD VALUE	1.2	0.6	0.6

TABLE 4C. GENETIC COLOR RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	MEAN
MARKER	7.5	6.7	7.1
BARCROWN	6.0	6.0	6.0
NAPOLI (LD 3488)	6.0	6.0	6.0
SEABREEZE (FRT-30149)	6.0	6.0	6.0
SMIRNA (ZW 42-160)	6.0	.	6.0
DAWSON	6.0	5.7	5.8
HF 138	6.0	5.7	5.8
BARSKOL (BAR FR 9P)	5.5	6.0	5.8
COMFORT (HF 102)	5.5	6.0	5.8
BARLOTTE	5.0	5.7	5.3
LSD VALUE	1.3	0.6	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 4D. GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	MEAN
ERG 1143	6.7	6.3	6.5
BARLANDER (BAR FR 9F)	6.0	6.7	6.3
SHADOW W/ENDO. (PST-SHE)	6.7	6.0	6.3
BARGREEN	6.3	6.0	6.2
PST-4FE	6.3	6.0	6.2
RAYMOND	6.3	6.0	6.2
SIMONE (ID 3485)	6.3	6.0	6.2
89.LKR	.	6.0	6.0
BANNER	6.0	6.0	6.0
DIGNITY (OFI 89-200)	6.0	6.0	6.0
JAMESTOWN	6.0	6.0	6.0
RAINBOW	6.0	6.0	6.0
SHADOW	6.0	6.0	6.0
SOUTHPORT	6.3	5.7	6.0
TIFFANY (PST-4CD)	6.0	6.0	6.0
WALDORF	6.0	6.0	6.0
WILMA	6.0	6.0	6.0
ATLANTA	6.0	5.7	5.8
BRIDGEPORT (N-105)	6.0	5.7	5.8
CAMARO	6.0	5.7	5.8
DOVER (NK 82492)	5.7	6.0	5.8
ENJOY	5.7	6.0	5.8
FERNANDO (HF 112)	6.0	5.7	5.8
MOLINDA	5.7	6.0	5.8
PROFORMER (JMB-89)	5.7	6.0	5.8
PUMA	5.7	6.0	5.8
SCARLET	5.3	6.3	5.8
SR 5000	6.3	5.3	5.8
MARY	5.5	6.0	5.8
LONGFELLOW	5.7	5.7	5.7
CAPITOL	5.3	6.0	5.7
BARNICA	5.7	5.3	5.5
KOKET	5.7	5.3	5.5
TROPHY (ESTORIL)	5.0	6.0	5.5
JAMESTOWN II	5.0	5.7	5.3
EPSOM	4.7	.	4.7
LSD VALUE	1.1	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 4E. GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	MEAN
BARREPPPO	6.3	7.0	6.7
SR 3100 (SRX 89-31)	6.3	6.7	6.5
ATTILA	6.7	6.0	6.3
SILVANA	6.7	6.0	6.3
BARDUR (BAR FO 9A2)	6.3	6.0	6.2
BILJART	6.5	5.7	6.1
AURORA W/ENDO. (PST-AUE)	6.0	6.0	6.0
BRIGADE (MELODY)	6.0	6.0	6.0
RELIANT-NO ENDOPHYTE	6.3	5.7	6.0
SERRA	6.3	5.7	6.0
VALDA	6.0	6.0	6.0
PST-4AG	6.0	5.7	5.8
RELIANT-W/ ENDOPHYTE	6.0	5.7	5.8
SCALDIS	5.5	6.0	5.8
AURORA	6.0	5.3	5.7
DISCOVERY (PST-4HD)	5.3	6.0	5.7
SR 3000	6.0	5.3	5.7
EUREKA	5.7	5.3	5.5
LSD VALUE	1.2	0.7	0.6

TABLE 4F. GENETIC COLOR RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	MEAN
BIGHORN	7	7.0	7.0
MK 86	5	6.7	5.8
LSD VALUE	.	0.7	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 5A. SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
ATTILA	5.3	5.7	5.0	5.3
BARREPPPO	4.3	5.3	5.0	4.9
SMIRNA (ZW 42-160)	4.0	.	5.0	4.5
RELIANT-W/ ENDOPHYTE	4.7	3.7	5.0	4.4
BARBUR (BAR FO 9A2)	4.7	4.3	4.3	4.4
FLYER	5.0	2.0	6.3	4.4
BILJART	5.0	4.3	3.7	4.3
BRIGADE (MELODY)	5.3	3.3	4.3	4.3
EUREKA	5.3	4.0	3.7	4.3
REVERE (NK 88001)	4.0	4.0	5.0	4.3
BIGHORN	5.3	4.3	3.0	4.2
CAMARO	4.3	2.0	6.3	4.2
RELIANT-NO ENDOPHYTE	5.0	3.7	4.0	4.2
SILVANA	5.3	3.7	3.7	4.2
WALDORF	5.5	3.0	4.0	4.2
AURORA	5.0	4.0	3.3	4.1
MARKER	6.0	2.3	4.0	4.1
SR 3100 (SRX 89-31)	5.0	4.0	3.3	4.1
ENSYLVA	3.7	2.7	6.0	4.1
SCALDIS	5.0	3.0	4.3	4.1
SCARLET	4.0	4.0	4.3	4.1
ERG 1143	4.7	3.7	3.7	4.0
JAMESTOWN	4.7	2.0	5.3	4.0
MOLINDA	4.0	2.7	5.3	4.0
SR 3000	3.7	4.7	3.7	4.0
BELVEDERE	5.0	2.0	4.7	3.9
CINDY	4.0	1.7	6.0	3.9
TROPHY (ESTORIL)	5.7	2.0	4.0	3.9
AURORA W/ENDO. (PST-AUE)	4.7	3.3	3.7	3.9
BARSKOL (BAR FR 9P)	4.0	2.7	5.0	3.9
BARGREEN	4.0	3.3	4.0	3.8
ELANOR	4.0	1.7	5.7	3.8
MX 86	5.7	2.3	3.3	3.8
PROFORMER (JMB-89)	5.0	2.3	4.0	3.8
SERRA	4.7	2.7	4.0	3.8
ENJOY	4.0	3.7	3.7	3.8
KOKET	4.0	3.0	4.3	3.8
PST-4R3	5.0	2.0	4.3	3.8
SEABREEZE (FRT-30149)	4.3	2.3	4.7	3.8
SIMONE (LD 3485)	4.3	2.3	4.7	3.8
WILMA	4.0	2.7	4.7	3.8
WW RS 143	4.3	1.7	5.3	3.8
JASPER	3.5	2.0	5.7	3.7
SHADEMASTER	4.5	1.7	5.0	3.7
RAINBOW	4.5	2.7	4.0	3.7
ATLANTA	4.0	3.3	3.7	3.7
BARGENA	4.0	1.3	5.7	3.7
BARLANDER (BAR FR 9F)	4.3	3.7	3.0	3.7

SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
BRIDGEPORT (N-105)	4.0	2.3	4.7	3.7
FRANKLIN	4.0	2.3	4.7	3.7
VALDA	4.7	2.7	3.7	3.7
WARWICK	.	.	3.7	3.7
CAPITOL	3.5	3.0	4.3	3.6
MARY	3.5	2.7	4.7	3.6
BANNER	4.0	2.0	4.7	3.6
BOREAL	4.0	2.0	4.7	3.6
CLAUDIA	5.0	1.7	4.0	3.6
FERNANDO (HF 112)	4.0	2.0	4.7	3.6
SR 5000	5.0	1.7	4.0	3.6
SUNSET (ZW 42-158)	4.7	2.0	4.0	3.6
WW RS 138	4.0	1.7	5.0	3.6
DISCOVERY (PST-4HD)	4.3	2.7	3.7	3.6
PST-4AG	4.7	2.3	3.7	3.6
PST-4FE	4.3	2.3	4.0	3.6
SHADOW	4.0	2.7	4.0	3.6
EPSOM	3.3	.	3.7	3.5
HF 138	3.5	2.7	4.3	3.5
BARGENA II (BAR FR8RC3)	4.0	2.3	4.0	3.4
SALEM	4.0	1.7	4.7	3.4
HERALD	4.3	1.7	4.3	3.4
PST-4NI	3.0	2.7	4.7	3.4
PUMA	4.0	2.0	4.3	3.4
RAYMOND	4.0	2.7	3.7	3.4
SHADOW W/ENDO. (PST-SHE)	3.3	2.7	4.3	3.4
BARLOTTE	4.0	1.7	4.3	3.3
BARNICA	3.3	2.0	4.7	3.3
DOVER (NK 82492)	3.7	1.7	4.7	3.3
JAMESTOWN II	3.7	1.7	4.7	3.3
PST-43F	2.0	2.0	6.0	3.3
PST-4C8	4.0	1.3	4.7	3.3
VISTA	3.0	2.3	4.7	3.3
DIGNITY (OFI 89-200)	4.7	1.7	3.3	3.2
89.LKR	.	2.7	3.7	3.2
COMFORT (HF 102)	2.5	1.7	5.3	3.2
NAPOLI (LD 3488)	4.0	2.3	3.0	3.1
SYLVESTER	3.0	1.7	4.7	3.1
COLLO (LD 3414)	4.0	1.0	4.3	3.1
DAWSON	3.0	1.7	4.3	3.0
SOUTHPORT	4.0	1.3	3.7	3.0
TIFFANY (PST-4CD)	3.5	1.3	4.0	2.9
BARCROWN	3.0	2.3	3.3	2.9
WW RS 130	3.0	1.7	4.0	2.9
LONGFELLOW	3.7	1.7	3.3	2.9
TALUS (LD 3438)	.	1.7	3.0	2.3
LSD VALUE	1.8	1.5	1.5	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 5B. SPRING GREENUP RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/

NAME	ID2	PA2	RI1	MEAN
FLYER	5.0	2.0	6.3	4.4
REVERE (NK 88001)	4.0	4.0	5.0	4.3
ENSYLVA	3.7	2.7	6.0	4.1
BELVEDERE	5.0	2.0	4.7	3.9
CINDY	4.0	1.7	6.0	3.9
ELANOR	4.0	1.7	5.7	3.8
PST-4R3	5.0	2.0	4.3	3.8
WW RS 143	4.3	1.7	5.3	3.8
JASPER	3.5	2.0	5.7	3.7
SHADEMASTER	4.5	1.7	5.0	3.7
BARGENA	4.0	1.3	5.7	3.7
FRANKLIN	4.0	2.3	4.7	3.7
BOREAL	4.0	2.0	4.7	3.6
CLAUDIA	5.0	1.7	4.0	3.6
SUNSET (ZW 42-158)	4.7	2.0	4.0	3.6
WW RS 138	4.0	1.7	5.0	3.6
BARGENA II (BAR FR8RC3)	4.0	2.3	4.0	3.4
SALEM	4.0	1.7	4.7	3.4
HERALD	4.3	1.7	4.3	3.4
PST-4NI	3.0	2.7	4.7	3.4
PST-43F	2.0	2.0	6.0	3.3
PST-4C8	4.0	1.3	4.7	3.3
VISTA	3.0	2.3	4.7	3.3
SYLVESTER	3.0	1.7	4.7	3.1
COLLO (LD 3414)	4.0	1.0	4.3	3.1
WW RS 130	3.0	1.7	4.0	2.9
TALUS (LD 3438)	.	1.7	3.0	2.3
LSD VALUE	1.6	1.2	1.7	0.9

TABLE 5C. SPRING GREENUP RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
SMIRNA (ZW 42-160)	4.0	.	5.0	4.5
MARKER	6.0	2.3	4.0	4.1
BARSKOL (BAR FR 9P)	4.0	2.7	5.0	3.9
SEABREEZE (FRT-30149)	4.3	2.3	4.7	3.8
HF 138	3.5	2.7	4.3	3.5
BARLOTTE	4.0	1.7	4.3	3.3
COMFORT (HF 102)	2.5	1.7	5.3	3.2
NAPOLI (LD 3488)	4.0	2.3	3.0	3.1
DAWSON	3.0	1.7	4.3	3.0
BARCROWN	3.0	2.3	3.3	2.9
LSD VALUE	1.7	1.8	1.5	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 5D. SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
CAMARO	4.3	2.0	6.3	4.2
WALDORF	5.5	3.0	4.0	4.2
SCARLET	4.0	4.0	4.3	4.1
ERG 1143	4.7	3.7	3.7	4.0
JAMESTOWN	4.7	2.0	5.3	4.0
MOLINDA	4.0	2.7	5.3	4.0
TROPHY (ESTORIL)	5.7	2.0	4.0	3.9
BARGREEN	4.0	3.3	4.0	3.8
PROFORMER (JMB-89)	5.0	2.3	4.0	3.8
ENJOY	4.0	3.7	3.7	3.8
KOKET	4.0	3.0	4.3	3.8
SIMONE (LD 3485)	4.3	2.3	4.7	3.8
WILMA	4.0	2.7	4.7	3.8
RAINBOW	4.5	2.7	4.0	3.7
ATLANTA	4.0	3.3	3.7	3.7
BARLANDER (BAR FR 9F)	4.3	3.7	3.0	3.7
BRIDGEPORT (N-105)	4.0	2.3	4.7	3.7
CAPITOL	3.5	3.0	4.3	3.6
MARY	3.5	2.7	4.7	3.6
BANNER	4.0	2.0	4.7	3.6
FERNANDO (HF 112)	4.0	2.0	4.7	3.6
SR 5000	5.0	1.7	4.0	3.6
PST-4FE	4.3	2.3	4.0	3.6
SHADOW	4.0	2.7	4.0	3.6
EPSOM	3.3	.	3.7	3.5
PUMA	4.0	2.0	4.3	3.4
RAYMOND	4.0	2.7	3.7	3.4
SHADOW W/ENDO. (PST-SHE)	3.3	2.7	4.3	3.4
BARNICA	3.3	2.0	4.7	3.3
DOVER (NK 82492)	3.7	1.7	4.7	3.3
JAMESTOWN II	3.7	1.7	4.7	3.3
DIGNITY (OFI 89-200)	4.7	1.7	3.3	3.2
89.LKR	.	2.7	3.7	3.2
SOUTHPORT	4.0	1.3	3.7	3.0
TIFFANY (PST-4CD)	3.5	1.3	4.0	2.9
LONGFELLOW	3.7	1.7	3.3	2.9
LSD VALUE	1.5	1.5	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 5E. SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
ATTILA	5.3	5.7	5.0	5.3
BARREFFPO	4.3	5.3	5.0	4.9
RELIANT-W/ ENDOPHYTE	4.7	3.7	5.0	4.4
BARDUR (BAR FO 9A2)	4.7	4.3	4.3	4.4
BILJART	5.0	4.3	3.7	4.3
BRIGADE (MELODY)	5.3	3.3	4.3	4.3
EUREKA	5.3	4.0	3.7	4.3
RELIANT-NO ENDOPHYTE	5.0	3.7	4.0	4.2
SILVANA	5.3	3.7	3.7	4.2
AURORA	5.0	4.0	3.3	4.1
SR 3100 (SRX 89-31)	5.0	4.0	3.3	4.1
SCALDIS	5.0	3.0	4.3	4.1
SR 3000	3.7	4.7	3.7	4.0
AURORA W/ENDO. (PST-AUE)	4.7	3.3	3.7	3.9
SERRA	4.7	2.7	4.0	3.8
VALDA	4.7	2.7	3.7	3.7
WARWICK	.	.	3.7	3.7
DISCOVERY (PST-4HD)	4.3	2.7	3.7	3.6
PST-4AG	4.7	2.3	3.7	3.6
LSD VALUE	2.1	1.6	1.5	1.1

TABLE 5F. SPRING GREENUP RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	PA2	RI1	MEAN
BIGHORN	5.3	4.3	3.0	4.2
MX 86	5.7	2.3	3.3	3.8
LSD VALUE	0.9	1.9	1.3	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 6A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	OH2	MEAN
AURORA W/ENDO. (PST-AUE)	7.3	7.3
MX 86	7.0	7.0
RELIANT-NO ENDOPHYTE	7.0	7.0
PROFORMER (JMB-89)	6.7	6.7
SOUTHPORT	6.7	6.7
SR 3000	6.7	6.7
BARDUR (BAR FO 9A2)	6.3	6.3
BIGHORN	6.3	6.3
BRIDGEPORT (N-105)	6.3	6.3
DISCOVERY (PST-4HD)	6.3	6.3
EUREKA	6.3	6.3
LONGFELLOW	6.3	6.3
PST-4AG	6.3	6.3
SCALDIS	6.3	6.3
SERRA	6.3	6.3
SR 3100 (SRX 89-31)	6.3	6.3
SR 5000	6.3	6.3
TIFFANY (PST-4CD)	6.3	6.3
AURORA	6.0	6.0
BARREPP0	6.0	6.0
BILJART	6.0	6.0
BRIGADE (MELODY)	6.0	6.0
JAMESTOWN	6.0	6.0
JAMESTOWN II	6.0	6.0
BANNER	5.7	5.7
DOVER (NK 82492)	5.7	5.7
PST-4FE	5.7	5.7
PST-4R3	5.7	5.7
RELIANT-W/ ENDOPHYTE	5.7	5.7
SHADOW W/ENDO. (PST-SHE)	5.7	5.7
VISTA	5.7	5.7
ATILIA	5.3	5.3
DIGNITY (OFI 89-200)	5.3	5.3
PST-4NI	5.3	5.3
SALEM	5.3	5.3
SHADEMASTER	5.3	5.3
VALDA	5.3	5.3
KOKET	5.0	5.0
PST-43F	5.0	5.0
PST-4C8	5.0	5.0
SILVANA	5.0	5.0
BARGENA	4.7	4.7
CAMARO	4.7	4.7
CLAUDIA	4.7	4.7
ENSYLVA	4.7	4.7
FLYER	4.7	4.7
JASPER	4.7	4.7

SPRING DENSITY RATINGS RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	OH2	MEAN
MOLINDA	4.7	4.7
PUMA	4.7	4.7
SHADOW	4.7	4.7
SMIRNA (ZW 42-160)	4.7	4.7
WILMA	4.7	4.7
WW RS 130	4.7	4.7
BARGREEN	4.3	4.3
BARNICA	4.3	4.3
BELVEDERE	4.3	4.3
BOREAL	4.3	4.3
CAPITOL	4.3	4.3
CINDY	4.3	4.3
DAWSON	4.3	4.3
FRANKLIN	4.3	4.3
RAINBOW	4.3	4.3
SYLVESTER	4.3	4.3
WALDORF	4.3	4.3
WW RS 143	4.3	4.3
ATLANTA	4.0	4.0
BARGENA II (BAR FR8RC3)	4.0	4.0
HERALD	4.0	4.0
RAYMOND	4.0	4.0
WW RS 138	4.0	4.0
COLLO (LD 3414)	3.7	3.7
HF 138	3.7	3.7
NAPOLI (LD 3488)	3.7	3.7
SCARLET	3.7	3.7
SUNSET (ZW 42-158)	3.7	3.7
TROPHY (ESTORIL)	3.7	3.7
BARLANDER (BAR FR 9F)	3.3	3.3
ELANOR	3.3	3.3
ENJOY	3.3	3.3
EPSOM	3.3	3.3
ERG 1143	3.3	3.3
REVERE (NK 88001)	3.3	3.3
SEABREEZE (FRT-30149)	3.3	3.3
TALUS (LD 3438)	3.3	3.3
MARY	3.0	3.0
SIMONE (LD 3485)	2.7	2.7
BARLOTTE	2.3	2.3
MARKER	2.3	2.3
BARCROWN	2.0	2.0
BARSKOL (BAR FR 9P)	1.7	1.7
FERNANDO (HF 112)	1.7	1.7
COMFORT (HF 102)	1.0	1.0
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 6B. SPRING DENSITY RATINGS OF CREEPING RED FESCUE CULTIVARS

1992 DATA

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

NAME	OH2	MEAN
PST-4R3	5.7	5.7
VISTA	5.7	5.7
PST-4NI	5.3	5.3
SALEM	5.3	5.3
SHADEMASTER	5.3	5.3
PST-43F	5.0	5.0
PST-4C8	5.0	5.0
BARGENA	4.7	4.7
CLAUDIA	4.7	4.7
ENSYLVA	4.7	4.7
FLYER	4.7	4.7
JASPER	4.7	4.7
WW RS 130	4.7	4.7
BELVEDERE	4.3	4.3
BOREAL	4.3	4.3
CINDY	4.3	4.3
FRANKLIN	4.3	4.3
SYLVESTER	4.3	4.3
WW RS 143	4.3	4.3
BARGENA II (BAR FR8RC3)	4.0	4.0
HERALD	4.0	4.0
WW RS 138	4.0	4.0
COLLO (LD 3414)	3.7	3.7
SUNSET (ZW 42-158)	3.7	3.7
ELANOR	3.3	3.3
REVERE (NK 88001)	3.3	3.3
TALUS (LD 3438)	3.3	3.3
LSD VALUE	1.2	1.2

TABLE 6C. SPRING DENSITY RATINGS OF SLENDER CREEPING FESCUE CULTIVARS

1992 DATA

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

NAME	OH2	MEAN
SMIRNA (ZW 42-160)	4.7	4.7
DAWSON	4.3	4.3
HF 138	3.7	3.7
NAPOLI (LD 3488)	3.7	3.7
SEABREEZE (FRT-30149)	3.3	3.3
BARLOTTE	2.3	2.3
MARKER	2.3	2.3
BARCROWN	2.0	2.0
BARSKOL (BAR FR 9F)	1.7	1.7
COMFORT (HF 102)	1.0	1.0
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 6D. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

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

NAME	OH2	MEAN
PROFORMER (JMB-89)	6.7	6.7
SOUTHPORT	6.7	6.7
BRIDGEPORT (N-105)	6.3	6.3
LONGFELLOW	6.3	6.3
SR 5000	6.3	6.3
TIFFANY (PST-4CD)	6.3	6.3
JAMESTOWN	6.0	6.0
JAMESTOWN II	6.0	6.0
BANNER	5.7	5.7
DOVER (NK 82492)	5.7	5.7
PST-4FE	5.7	5.7
SHADOW W/ENDO. (PST-SHE)	5.7	5.7
DIGNITY (OFI 89-200)	5.3	5.3
KOKET	5.0	5.0
CAMARO	4.7	4.7
MOLINDA	4.7	4.7
PUMA	4.7	4.7
SHADOW	4.7	4.7
WILMA	4.7	4.7
BARGREEN	4.3	4.3
BARNICA	4.3	4.3
CAPITOL	4.3	4.3
RAINBOW	4.3	4.3
WALDORF	4.3	4.3
ATLANIA	4.0	4.0
RAYMOND	4.0	4.0
SCARLET	3.7	3.7
TROPHY (ESTORIL)	3.7	3.7
BARLANDER (BAR FR 9F)	3.3	3.3
ENJOY	3.3	3.3
EPSOM	3.3	3.3
ERG 1143	3.3	3.3
MARY	3.0	3.0
SIMONE (LD 3485)	2.7	2.7
FERNANDO (HF 112)	1.7	1.7
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 6E. SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	OH2	MEAN
AURORA W/ENDO. (PST-AUE)	7.3	7.3
RELIANT-NO ENDOPHYTE	7.0	7.0
SR 3000	6.7	6.7
BARDUR (BAR FO 9A2)	6.3	6.3
DISCOVERY (PST-4HD)	6.3	6.3
EUREKA	6.3	6.3
PST-4AG	6.3	6.3
SCALDIS	6.3	6.3
SERRA	6.3	6.3
SR 3100 (SRX 89-31)	6.3	6.3
AURORA	6.0	6.0
BARREPP0	6.0	6.0
BILJART	6.0	6.0
BRIGADE (MELODY)	6.0	6.0
RELIANT-W/ ENDOPHYTE	5.7	5.7
ATTILA	5.3	5.3
VALDA	5.3	5.3
SILVANA	5.0	5.0
LSD VALUE	1.7	1.7

TABLE 6F. SPRING DENSITY RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	OH2	MEAN
MX 86	7.0	7.0
BIGHORN	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 7A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1992 DATA  
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
SERRA	99.0	99.0
SR 3100 (SRX 89-31)	99.0	99.0
BRIGADE (MELODY)	97.7	97.7
EUREKA	97.7	97.7
MX 86	97.7	97.7
SCALDIS	97.7	97.7
WARWICK	97.7	97.7
AURORA	96.3	96.3
DISCOVERY (PST-4HD)	96.3	96.3
SR 3000	96.3	96.3
PST-4AG	95.0	95.0
SR 5000	95.0	95.0
BILJART	93.3	93.3
JAMESTOWN II	93.0	93.0
LONGFELLOW	93.0	93.0
PROFORMER (JMB-89)	91.7	91.7
BIGHORN	90.0	90.0
BRIDGEPORT (N-105)	90.0	90.0
SHADOW W/ENDO. (PST-SHE)	90.0	90.0
SILVANA	90.0	90.0
SOUTHPORT	90.0	90.0
VALDA	88.3	88.3
BARDUR (BAR FO 9A2)	86.7	86.7
RELIANT-W/ ENDOPHYTE	85.0	85.0
ATTILA	83.3	83.3
BARREPPPO	81.7	81.7
PST-4R3	81.7	81.7
TIFFANY (PST-4CD)	80.0	80.0
AURORA W/ENDO. (PST-AUE)	78.3	78.3
RELIANT-NO ENDOPHYTE	78.3	78.3
SHADEMASTER	78.3	78.3
DIGNITY (OFI 89-200)	76.7	76.7
WALDORF	75.0	75.0
BELVEDERE	73.3	73.3
EPSOM	73.3	73.3
PST-43F	73.3	73.3
PST-4NI	73.3	73.3
TALUS (LD 3438)	73.3	73.3
BANNER	71.7	71.7
JASPER	70.0	70.0
SALEM	70.0	70.0
VISTA	70.0	70.0
89.LKR	68.3	68.3
REVERE (NK 88001)	66.7	66.7
SHADOW	65.0	65.0
WW RS 143	63.3	63.3
ATLANTA	61.7	61.7
BARGENA	61.7	61.7

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1992 DATA  
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
WW RS 138	60.0	60.0
FLYER	58.3	58.3
HERALD	58.3	58.3
JAMESTOWN	56.7	56.7
PST-4EE	56.7	56.7
SEABREEZE (FRT-30149)	56.7	56.7
COLLO (LD 3414)	55.0	55.0
DAWSON	55.0	55.0
PST-4CS	55.0	55.0
CLAUDIA	53.3	53.3
ENSYLVA	51.7	51.7
WILMA	51.7	51.7
BARGENA II (BAR FR8RC3)	50.0	50.0
ELANOR	48.3	48.3
BARGREEN	46.7	46.7
DOVER (NK 82492)	46.7	46.7
BOREAL	45.0	45.0
SMIRNA (ZW 42-160)	43.3	43.3
CAPITOL	41.7	41.7
HF 138	41.7	41.7
SYLVESTER	41.7	41.7
BARCROWN	35.0	35.0
BARLOTTE	35.0	35.0
MARKER	33.3	33.3
SUNSET (ZW 42-158)	33.3	33.3
WW RS 130	33.3	33.3
FRANKLIN	30.0	30.0
CINDY	28.3	28.3
ENJOY	28.3	28.3
PUMA	28.3	28.3
BARNICA	26.7	26.7
MOLINDA	26.7	26.7
NAPOLI (LD 3488)	26.7	26.7
RAYMOND	26.7	26.7
CAMARO	25.3	25.3
COMFORT (HF 102)	25.3	25.3
TROPHY (ESTORIL)	25.0	25.0
ERG 1143	23.3	23.3
SCARLET	22.0	22.0
RAINBOW	21.7	21.7
MARY	19.0	19.0
BARSKOL (BAR FR 9P)	18.3	18.3
FERNANDO (HF 112)	16.7	16.7
KOKET	10.0	10.0
SIMONE (LD 3485)	10.0	10.0
BARLANDER (BAR FR 9F)	8.7	8.7
LSD VALUE	26.2	26.2

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 7B. PERCENT LIVING GROUND COVER (SPRING) RATINGS  
OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
PST-4R3	81.7	81.7
SHADEMASTER	78.3	78.3
BELVEDERE	73.3	73.3
PST-43F	73.3	73.3
PST-4NI	73.3	73.3
TALUS (LD 3438)	73.3	73.3
JASPER	70.0	70.0
SALEM	70.0	70.0
VISTA	70.0	70.0
REVERE (NK 88001)	66.7	66.7
WW RS 143	63.3	63.3
BARGENA	61.7	61.7
WW RS 138	60.0	60.0
FLYER	58.3	58.3
HERALD	58.3	58.3
COLLO (LD 3414)	55.0	55.0
PST-4C8	55.0	55.0
CLAUDIA	53.3	53.3
ENSYLVA	51.7	51.7
BARGENA II (BAR FR8RC3)	50.0	50.0
ELANCR	48.3	48.3
BOREAL	45.0	45.0
SYLVESTER	41.7	41.7
SUNSET (ZW 42-158)	33.3	33.3
WW RS 130	33.3	33.3
FRANKLIN	30.0	30.0
CINDY	28.3	28.3
LSD VALUE	18.6	18.6

TABLE 7C. PERCENT LIVING GROUND COVER (SPRING) RATINGS  
OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA  
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
SEABREEZE (FRT-30149)	56.7	56.7
DAWSON	55.0	55.0
SMIRNA (ZW 42-160)	43.3	43.3
HF 138	41.7	41.7
BARCROWN	35.0	35.0
BARLOTTE	35.0	35.0
MARKER	33.3	33.3
NAPOLI (LD 3488)	26.7	26.7
COMFORT (HF 102)	25.3	25.3
BARSKOL (BAR FR 9P)	18.3	18.3
LSD VALUE	38.7	38.7

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. PERCENT LIVING GROUND COVER (SPRING) RATINGS  
OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
SR 5000	95.0	95.0
JAMESTOWN II	93.0	93.0
LONGFELLOW	93.0	93.0
PROFORMER (JMB-89)	91.7	91.7
BRIDGEPORT (N-105)	90.0	90.0
SHADOW W/ENDO. (PST-SHE)	90.0	90.0
SOUTHPORT	90.0	90.0
TIFFANY (PST-4CD)	80.0	80.0
DIGNITY (OFI 89-200)	76.7	76.7
WALDORF	75.0	75.0
EPSOM	73.3	73.3
BANNER	71.7	71.7
89.LKR	68.3	68.3
SHADOW	65.0	65.0
ATLANTA	61.7	61.7
JAMESTOWN	56.7	56.7
PST-4EE	56.7	56.7
WILMA	51.7	51.7
BARGREEN	46.7	46.7
DOVER (NK 82492)	46.7	46.7
CAPITOL	41.7	41.7
ENJOY	28.3	28.3
PUMA	28.3	28.3
BARNICA	26.7	26.7
MOLINDA	26.7	26.7
RAYMOND	26.7	26.7
CAMARO	25.3	25.3
TROPHY (ESTORIL)	25.0	25.0
ERG 1143	23.3	23.3
SCARLET	22.0	22.0
RAINBOW	21.7	21.7
MARY	19.0	19.0
FERNANDO (HF 112)	16.7	16.7
KOKET	10.0	10.0
SIMONE (LD 3485)	10.0	10.0
BARLANDER (BAR FR 9F)	8.7	8.7
LSD VALUE	31.8	31.8

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 7E. PERCENT LIVING GROUND COVER (SPRING) RATINGS  
OF HARD FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
SERRA	99.0	99.0
SR 3100 (SRX 89-31)	99.0	99.0
BRIGADE (MELODY)	97.7	97.7
EUREKA	97.7	97.7
SCALDIS	97.7	97.7
WARWICK	97.7	97.7
AURORA	96.3	96.3
DISCOVERY (PST-4HD)	96.3	96.3
SR 3000	96.3	96.3
PST-4AG	95.0	95.0
BILJART	93.3	93.3
SILVANA	90.0	90.0
VALDA	88.3	88.3
BARDUR (BAR FO 9A2)	86.7	86.7
RELIANT-W/ ENDOPHYTE	85.0	85.0
ATTILA	83.3	83.3
BARREPPA	81.7	81.7
AURORA W/ENDO. (PST-AUE)	78.3	78.3
RELIANT-NO ENDOPHYTE	78.3	78.3
LSD VALUE	14.0	14.0

TABLE 7F. PERCENT LIVING GROUND COVER (SPRING) RATINGS  
OF SHEEP FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	UB1	MEAN
MX 86	97.7	97.7
BIGHORN	90.0	90.0
LSD VALUE	10.2	10.2

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

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1992 DATA			PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1992 DATA		
PERCENT LIVING GROUND COVER IN SUMMER:	LOCATIONS	1/	PERCENT LIVING GROUND COVER IN SUMMER:	LOCATIONS	1/
NAME	NJ3	MEAN	NAME	NJ3	MEAN
SR 3100 (SRX 89-31)	91.7	91.7	COMFORT (HF 102)	22.3	22.3
RELIANT-W/ ENDOPHYTE	89.0	89.0	AURORA	21.7	21.7
WARWICK	86.7	86.7	COLLO (LD 3414)	21.7	21.7
DISCOVERY (PST-4HD)	76.7	76.7	BARLOTTE	20.3	20.3
PST-4R3	75.0	75.0	BARNICA	20.0	20.0
BRIDGEPORT (N-105)	73.3	73.3	BARSKOL (BAR FR 9P)	20.0	20.0
SOUTHPORT	73.3	73.3	CINDY	20.0	20.0
TIFFANY (PST-4CD)	73.3	73.3	TROPHY (ESTORIL)	20.0	20.0
BARGREEN	70.0	70.0	SEABREEZE (FRT-30149)	19.3	19.3
PROFORMER (JMB-89)	70.0	70.0	CLAUDIA	19.0	19.0
89.LKR	65.0	65.0	PST-4C8	19.0	19.0
BANNER	65.0	65.0	ENSYLVA	18.3	18.3
DIGNITY (OFI 89-200)	65.0	65.0	JASPER	17.3	17.3
SR 5000	65.0	65.0	WW RS 138	17.0	17.0
WALDORF	65.0	65.0	NAPOLI (LD 3488)	16.7	16.7
SHADOW W/ENDO. (PST-SHE)	62.7	62.7	SCARLET	16.7	16.7
EPSOM	61.7	61.7	SR 3000	16.3	16.3
JAMESTOWN	60.0	60.0	BARGENA	16.0	16.0
SCALDIS	58.3	58.3	BIGHORN	16.0	16.0
DOVER (NK 82492)	55.0	55.0	ENJOY	16.0	16.0
PST-4FE	55.0	55.0	RELIANT-NO ENDOPHYTE	15.7	15.7
JAMESTOWN II	53.3	53.3	HF 138	15.0	15.0
LONGFELLOW	53.3	53.3	KOKET	15.0	15.0
SERRA	47.7	47.7	FLYER	14.7	14.7
CAMARO	45.0	45.0	EUREKA	14.3	14.3
FRANKLIN	44.7	44.7	PST-43F	14.3	14.3
ATLANTA	41.7	41.7	VISTA	14.3	14.3
WIIMA	41.7	41.7	WW RS 130	14.3	14.3
VALDA	41.0	41.0	RAINBOW	14.0	14.0
SHADEMASTER	40.0	40.0	PST-4NI	13.0	13.0
SHADOW	39.7	39.7	SALEM	12.7	12.7
MOLINDA	35.0	35.0	SIMONE (LD 3485)	12.7	12.7
MX 86	32.7	32.7	TALUS (LD 3438)	12.7	12.7
MARY	31.7	31.7	BARGENA II (BAR FR8RC3)	12.3	12.3
PUMA	31.7	31.7	MARKER	12.3	12.3
AURORA W/ENDO. (PST-AUE)	31.0	31.0	BOREAL	12.0	12.0
RAYMOND	31.0	31.0	SMIRNA (ZW 42-160)	11.7	11.7
SILVANA	29.7	29.7	BILJART	11.3	11.3
ELANOR	29.3	29.3	BARREPPPO	11.0	11.0
BRIGADE (MELODY)	29.0	29.0	SUNSET (ZW 42-158)	10.7	10.7
CAPITOL	26.7	26.7	WW RS 143	10.3	10.3
HERALD	25.7	25.7	ATTILA	9.7	9.7
SYLVESTER	25.7	25.7	BARCROWN	9.7	9.7
REVERE (NK 88001)	24.0	24.0	PST-4AG	9.3	9.3
BELVEDERE	23.3	23.3	DAWSON	7.0	7.0
ERG 1143	23.3	23.3	BARDUR (BAR FO 9A2)	4.3	4.3
FERNANDO (HF 112)	23.3	23.3			
BARLANDER (BAR FR 9F)	22.7	22.7	LSD VALUE	26.6	26.6

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 8B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS  
OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	NJ3	MEAN
PST-4R3	75.0	75.0
FRANKLIN	44.7	44.7
SHADEMASTER	40.0	40.0
ELANOR	29.3	29.3
HERALD	25.7	25.7
SYLVESTER	25.7	25.7
REVERE (NK 88001)	24.0	24.0
BELVEDERE	23.3	23.3
COLLO (LD 3414)	21.7	21.7
CINDY	20.0	20.0
CLAUDIA	19.0	19.0
PST-4C8	19.0	19.0
ENSYLVA	18.3	18.3
JASPER	17.3	17.3
WW RS 138	17.0	17.0
BARGENA	16.0	16.0
FLYER	14.7	14.7
PST-43F	14.3	14.3
VISTA	14.3	14.3
WW RS 130	14.3	14.3
PST-4NI	13.0	13.0
SALEM	12.7	12.7
TALUS (LD 3438)	12.7	12.7
BARGENA II (BAR FR8RC3)	12.3	12.3
BOREAL	12.0	12.0
SUNSET (ZW 42-158)	10.7	10.7
WW RS 143	10.3	10.3
LSD VALUE	23.5	23.5

TABLE 8C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS  
OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA  
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	NJ3	MEAN
COMFORT (HF 102)	22.3	22.3
BARLOTTE	20.3	20.3
BARSKOL (BAR FR 9P)	20.0	20.0
SEABREEZE (FRT-30149)	19.3	19.3
NAPOLI (LD 3488)	16.7	16.7
HF 138	15.0	15.0
MARKER	12.3	12.3
SMIRNA (ZW 42-160)	11.7	11.7
BARCROWN	9.7	9.7
DAWSON	7.0	7.0
LSD VALUE	15.9	15.9

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

TABLE 8D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS  
OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	NJ3	MEAN
BRIDGEPORT (N-105)	73.3	73.3
SOUTHPORT	73.3	73.3
TIFFANY (PST-4CD)	73.3	73.3
BARGREEN	70.0	70.0
PROFORMER (JMB-89)	70.0	70.0
89.LKR	65.0	65.0
BANNER	65.0	65.0
DIGNITY (OFI 89-200)	65.0	65.0
SR 5000	65.0	65.0
WALDORF	65.0	65.0
SHADOW W/ENDO. (PST-SHE)	62.7	62.7
EPSOM	61.7	61.7
JAMESTOWN	60.0	60.0
DOVER (NK 82492)	55.0	55.0
PST-4FE	55.0	55.0
JAMESTOWN II	53.3	53.3
LONGFELLOW	53.3	53.3
CAMARO	45.0	45.0
ATLANTA	41.7	41.7
WILMA	41.7	41.7
SHADOW	39.7	39.7
MOLINDA	35.0	35.0
MARY	31.7	31.7
PUMA	31.7	31.7
RAYMOND	31.0	31.0
CAPITOL	26.7	26.7
ERG 1143	23.3	23.3
FERNANDO (HF 112)	23.3	23.3
BARLANDER (BAR FR 9F)	22.7	22.7
BARNICA	20.0	20.0
TROPHY (ESTORIL)	20.0	20.0
SCARLET	16.7	16.7
ENJOY	16.0	16.0
KOKET	15.0	15.0
RAINBOW	14.0	14.0
SIMONE (LD 3485)	12.7	12.7
LSD VALUE	32.5	32.5

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 8E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS  
OF HARD FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	NJ3	MEAN
SR 3100 (SRX 89-31)	91.7	91.7
RELIANT-W/ ENDOPHYTE	89.0	89.0
WARWICK	86.7	86.7
DISCOVERY (PST-4HD)	76.7	76.7
SCALDIS	58.3	58.3
SERRA	47.7	47.7
VALDA	41.0	41.0
AURORA W/ENDO. (PST-AUE)	31.0	31.0
SILVANA	29.7	29.7
BRIGADE (MELODY)	29.0	29.0
AURORA	21.7	21.7
SR 3000	16.3	16.3
RELIANT-NO ENDOPHYTE	15.7	15.7
EUREKA	14.3	14.3
BILJART	11.3	11.3
BARREPPPO	11.0	11.0
ATTILA	9.7	9.7
PST-4AG	9.3	9.3
BARDUR (BAR FO 9A2)	4.3	4.3
LSD VALUE	23.4	23.4

TABLE 8F. PERCENT LIVING GROUND COVER (SUMMER) RATINGS  
OF SHEEP FESCUE CULTIVARS  
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	NJ3	MEAN
MX 86	32.7	32.7
BIGHORN	16.0	16.0
LSD VALUE	18.9	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 9A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
RELIANT-NO ENDOPHYTE	6.0	6.0
BARGENA	5.3	5.3
VALDA	5.3	5.3
ATTILA	5.0	5.0
MX 86	5.0	5.0
BRIGADE (MELODY)	3.7	3.7
WALDORF	3.7	3.7
BARDUR (BAR FO 9A2)	3.3	3.3
CAMARO	3.3	3.3
DISCOVERY (PST-4HD)	3.3	3.3
ENSYIVA	3.3	3.3
KOKET	3.3	3.3
RELIANT-W/ ENDOPHYTE	3.3	3.3
SILVANA	3.3	3.3
TROPHY (ESTORIL)	3.3	3.3
AURORA	3.0	3.0
BARGENA II (BAR FR8RC3)	3.0	3.0
BARREPO	3.0	3.0
BILJART	3.0	3.0
COMFORT (HF 102)	3.0	3.0
DIGNITY (OFI 89-200)	3.0	3.0
ERG 1143	3.0	3.0
EUREKA	3.0	3.0
FLYER	3.0	3.0
HERALD	3.0	3.0
HF 138	3.0	3.0
JAMESTOWN	3.0	3.0
JASPER	3.0	3.0
MOLINDA	3.0	3.0
PROFORMER (JMB-89)	3.0	3.0
PST-4AG	3.0	3.0
PUMA	3.0	3.0
SALEM	3.0	3.0
SCALDIS	3.0	3.0
SEABREEZE (FRT-30149)	3.0	3.0
SMIRNA (ZW 42-160)	3.0	3.0
SR 3000	3.0	3.0
SR 3100 (SRX 89-31)	3.0	3.0
SR 5000	3.0	3.0
TALUS (LD 3438)	3.0	3.0
ATLANTA	1.0	1.0
AURORA W/ENDO. (PST-AUE)	1.0	1.0
BANNER	1.0	1.0
BARCROWN	1.0	1.0
BARGREEN	1.0	1.0
BARLANDER (BAR FR 9F)	1.0	1.0
BARLOTTE	1.0	1.0

WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
BARNICA	1.0	1.0
BARSKOL (BAR FR 9P)	1.0	1.0
BELVEDERE	1.0	1.0
BIGHORN	1.0	1.0
BOREAL	1.0	1.0
BRIDGEPORT (N-105)	1.0	1.0
CAPITOL	1.0	1.0
CINDY	1.0	1.0
CLAUDIA	1.0	1.0
COLLO (LD 3414)	1.0	1.0
DAWSON	1.0	1.0
DOVER (NK 82492)	1.0	1.0
ELANOR	1.0	1.0
ENJOY	1.0	1.0
EPSOM	1.0	1.0
FERNANDO (HF 112)	1.0	1.0
FRANKLIN	1.0	1.0
JAMESTOWN II	1.0	1.0
LONGFELLOW	1.0	1.0
MARKER	1.0	1.0
MARY	1.0	1.0
NAPOLI (LD 3488)	1.0	1.0
PST-43F	1.0	1.0
PST-4C8	1.0	1.0
PST-4FE	1.0	1.0
PST-4NI	1.0	1.0
PST-4R3	1.0	1.0
RAINBOW	1.0	1.0
RAYMOND	1.0	1.0
REVERE (NK 88001)	1.0	1.0
SCARLET	1.0	1.0
SERRA	1.0	1.0
SHADEMASTER	1.0	1.0
SHADOW	1.0	1.0
SHADOW W/ENDO. (PST-SHE)	1.0	1.0
SIMONE (LD 3485)	1.0	1.0
SOUTHPORT	1.0	1.0
SUNSET (ZW 42-158)	1.0	1.0
SYLVESTER	1.0	1.0
TIFFANY (PST-4CD)	1.0	1.0
VISTA	1.0	1.0
WILMA	1.0	1.0
WW RS 130	1.0	1.0
WW RS 138	1.0	1.0
WW RS 143	1.0	1.0
LSD VALUE	3.9	3.9

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

TABLE 9B. WINTER COLOR RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 1/

NAME	ID2	MEAN
BARGENA	5.3	5.3
ENSYIVA	3.3	3.3
BARGENA II (BAR FR8RC3)	3.0	3.0
FLYER	3.0	3.0
HERALD	3.0	3.0
JASPER	3.0	3.0
SALEM	3.0	3.0
TALUS (LD 3438)	3.0	3.0
BELVEDERE	1.0	1.0
BOREAL	1.0	1.0
CINDY	1.0	1.0
CLAUDIA	1.0	1.0
COLLO (LD 3414)	1.0	1.0
ELANOR	1.0	1.0
FRANKLIN	1.0	1.0
PST-43F	1.0	1.0
PST-4C8	1.0	1.0
PST-4NI	1.0	1.0
PST-4R3	1.0	1.0
REVERE (NK 88001)	1.0	1.0
SHADEMASTER	1.0	1.0
SUNSET (ZW 42-158)	1.0	1.0
SYLVESTER	1.0	1.0
VISTA	1.0	1.0
WW RS 130	1.0	1.0
WW RS 138	1.0	1.0
WW RS 143	1.0	1.0
LSD VALUE	3.1	3.1

TABLE 9C. WINTER COLOR RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
COMFORT (HF 102)	3.0	3.0
HF 138	3.0	3.0
SEABREEZE (FRT-30149)	3.0	3.0
SMIRNA (ZW 42-160)	3.0	3.0
BARCROWN	1.0	1.0
BARLOTTE	1.0	1.0
BARSKOL (BAR FR 9P)	1.0	1.0
DAWSON	1.0	1.0
MARKER	1.0	1.0
NAPOLI (LD 3488)	1.0	1.0
LSD VALUE	3.5	3.5

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 9D. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
WALDORF	3.7	3.7
CAMARO	3.3	3.3
KOKET	3.3	3.3
TROPHY (ESTORIL)	3.3	3.3
DIGNITY (OFI 89-200)	3.0	3.0
ERG 1143	3.0	3.0
JAMESTOWN	3.0	3.0
MOLINDA	3.0	3.0
PROFORMER (JMB-89)	3.0	3.0
PUMA	3.0	3.0
SR 5000	3.0	3.0
ATLANIA	1.0	1.0
BANNER	1.0	1.0
BARGREEN	1.0	1.0
BARLANDER (BAR FR 9F)	1.0	1.0
BARNICA	1.0	1.0
BRIDGEPORT (N-105)	1.0	1.0
CAPITOL	1.0	1.0
DOVER (NK 82492)	1.0	1.0
ENJOY	1.0	1.0
EPSOM	1.0	1.0
FERNANDO (HF 112)	1.0	1.0
JAMESTOWN II	1.0	1.0
LONGFELLOW	1.0	1.0
MARY	1.0	1.0
PST-4FE	1.0	1.0
RAINBOW	1.0	1.0
RAYMOND	1.0	1.0
SCARLET	1.0	1.0
SHADOW	1.0	1.0
SHADOW W/ENDO. (PST-SHE)	1.0	1.0
SIMONE (LD 3485)	1.0	1.0
SOUTHPORT	1.0	1.0
TIFFANY (PST-4CD)	1.0	1.0
WILMA	1.0	1.0
LSD VALUE	3.4	3.4

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 9E. WINTER COLOR RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
RELIANT-NO ENDOPHYTE	6.0	6.0
VALDA	5.3	5.3
ATTIIA	5.0	5.0
BRIGADE (MELODY)	3.7	3.7
BARDUR (BAR FO 9A2)	3.3	3.3
DISCOVERY (PST-4HD)	3.3	3.3
RELIANT-W/ ENDOPHYTE	3.3	3.3
SILVANA	3.3	3.3
AURORA	3.0	3.0
BARREPPPO	3.0	3.0
BILJART	3.0	3.0
EUREKA	3.0	3.0
PST-4AG	3.0	3.0
SCALDIS	3.0	3.0
SR 3000	3.0	3.0
SR 3100 (SRX 89-31)	3.0	3.0
AURORA W/ENDO. (PST-AUE)	1.0	1.0
SERRA	1.0	1.0
LSD VALUE	5.7	5.7

TABLE 9F. WINTER COLOR RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	ID2	MEAN
MX 86	5.0	5.0
BIGHORN	1.0	1.0
LSD VALUE	3.9	3.9

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

TABLE 10A. WINTER KILL RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/		
NAME	ID2	MEAN
SERRA	8.7	8.7
PST-4AG	8.0	8.0
SEABREEZE (FRT-30149)	8.0	8.0
SR 3000	8.0	8.0
TROPHY (ESTORIL)	8.0	8.0
DIGNITY (OFI 89-200)	7.7	7.7
EUREKA	7.7	7.7
LONGFELLOW	7.7	7.7
ATILIA	7.0	7.0
JAMESTOWN II	7.0	7.0
RELIANT-NO ENDOPHYTE	7.0	7.0
SIMONE (LD 3485)	7.0	7.0
SR 5000	7.0	7.0
BILJART	6.7	6.7
DISCOVERY (PST-4HD)	6.7	6.7
VALDA	6.7	6.7
AURORA	6.3	6.3
AURORA W/ENDO. (PST-AUE)	6.3	6.3
FERNANDO (HF 112)	6.3	6.3
MOLINDA	6.3	6.3
RELIANT-W/ ENDOPHYTE	6.3	6.3
SCALDIS	6.3	6.3
SILVANA	6.3	6.3
WALDORF	6.3	6.3
BARGENA II (BAR FR8RC3)	6.0	6.0
BARREPPPO	6.0	6.0
BIGHORN	6.0	6.0
BRIDGEPORT (N-105)	6.0	6.0
PST-4FE	6.0	6.0
PUMA	6.0	6.0
CAMARO	5.7	5.7
SHADOW	5.7	5.7
ATLANTA	5.3	5.3
BARDUR (BAR FO 9A2)	5.3	5.3
BARNICA	5.3	5.3
BARSKOL (BAR FR 9P)	5.3	5.3
HERALD	5.3	5.3
JAMESTOWN	5.3	5.3
SHADOW W/ENDO. (PST-SHE)	5.3	5.3
SMIRNA (ZW 42-160)	5.3	5.3
BARGREEN	5.0	5.0
BARLANDER (BAR FR 9F)	5.0	5.0
BRIGADE (MELODY)	5.0	5.0
ENJOY	5.0	5.0
EPSOM	5.0	5.0
MX 86	5.0	5.0
RAYMOND	5.0	5.0

WINTER KILL RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/		
NAME	ID2	MEAN
SR 3100 (SRX 89-31)	5.0	5.0
DOVER (NK 82492)	4.7	4.7
PROFORMER (JMB-89)	4.7	4.7
BANNER	4.3	4.3
COMFORT (HF 102)	4.3	4.3
ERG 1143	4.3	4.3
KOKET	4.3	4.3
TIFFANY (PST-4CD)	4.3	4.3
BARGENA	4.0	4.0
CAPITOL	4.0	4.0
CLAUDIA	4.0	4.0
COLLO (LD 3414)	4.0	4.0
FRANKLIN	4.0	4.0
JASPER	4.0	4.0
MARY	4.0	4.0
NAPOLI (LD 3488)	4.0	4.0
SCARLET	4.0	4.0
SOUTHPORT	4.0	4.0
BARCROWN	3.7	3.7
BELVEDERE	3.7	3.7
DAWSON	3.7	3.7
ENSYLVA	3.7	3.7
RAINBOW	3.7	3.7
REVERE (NK 88001)	3.7	3.7
SALEM	3.7	3.7
SUNSET (ZW 42-158)	3.7	3.7
SYLVESTER	3.7	3.7
WW RS 143	3.7	3.7
BOREAL	3.3	3.3
FLYER	3.3	3.3
PST-4R3	3.3	3.3
WILMA	3.3	3.3
ELANOR	3.0	3.0
HF 138	3.0	3.0
PST-4C8	3.0	3.0
SHADEMASTER	3.0	3.0
BARLOTTE	2.3	2.3
MARKER	2.3	2.3
PST-43F	2.3	2.3
PST-4NI	2.3	2.3
VISTA	2.3	2.3
CINDY	2.0	2.0
TALUS (LD 3438)	2.0	2.0
WW RS 130	2.0	2.0
WW RS 138	2.0	2.0
LSD VALUE	3.2	3.2

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 10B. WINTER KILL RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
WINTER KILL RATINGS 1-9; 9=BEST 1/

NAME	ID2	MEAN
BARGENA II (BAR FR8RC3)	6.0	6.0
HERALD	5.3	5.3
BARGENA	4.0	4.0
CLAUDIA	4.0	4.0
COLLO (LD 3414)	4.0	4.0
FRANKLIN	4.0	4.0
JASPER	4.0	4.0
BELVEDERE	3.7	3.7
ENSYLVA	3.7	3.7
REVERE (NK 88001)	3.7	3.7
SALEM	3.7	3.7
SUNSET (ZW 42-158)	3.7	3.7
SYLVESTER	3.7	3.7
WW RS 143	3.7	3.7
BOREAL	3.3	3.3
FLYER	3.3	3.3
PST-4R3	3.3	3.3
ELANCR	3.0	3.0
PST-4C8	3.0	3.0
SHADEMASTER	3.0	3.0
PST-43F	2.3	2.3
PST-4NI	2.3	2.3
VISTA	2.3	2.3
CINDY	2.0	2.0
TALUS (LD 3438)	2.0	2.0
WW RS 130	2.0	2.0
WW RS 138	2.0	2.0
LSD VALUE	2.9	2.9

TABLE 10C. WINTER KILL RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/

NAME	ID2	MEAN
SEABREEZE (FRT-30149)	8.0	8.0
BARSKOL (BAR FR 9P)	5.3	5.3
SMIRNA (ZW 42-160)	5.3	5.3
COMFORT (HF 102)	4.3	4.3
NAPOLI (LD 3488)	4.0	4.0
BARCROWN	3.7	3.7
DAWSON	3.7	3.7
HF 138	3.0	3.0
BARLOTTE	2.3	2.3
MARKER	2.3	2.3
LSD VALUE	3.7	3.7

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 10D. WINTER KILL RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/

NAME	ID2	MEAN
TROPHY (ESTORIL)	8.0	8.0
DIGNITY (OFI 89-200)	7.7	7.7
LONGFELLOW	7.7	7.7
JAMESTOWN II	7.0	7.0
SIMONE (LD 3485)	7.0	7.0
SR 5000	7.0	7.0
FERNANDO (HF 112)	6.3	6.3
MOLINDA	6.3	6.3
WALDORF	6.3	6.3
BRIDGEPORT (N-105)	6.0	6.0
PST-4FE	6.0	6.0
PUMA	6.0	6.0
CAMARO	5.7	5.7
SHADOW	5.7	5.7
ATLANTA	5.3	5.3
BARNICA	5.3	5.3
JAMESTOWN	5.3	5.3
SHADOW W/ENDO. (PST-SHE)	5.3	5.3
BARGREEN	5.0	5.0
BARLANDER (BAR FR 9F)	5.0	5.0
ENJOY	5.0	5.0
EPSOM	5.0	5.0
RAYMOND	5.0	5.0
DOVER (NK 82492)	4.7	4.7
PROFORMER (JMB-89)	4.7	4.7
BANNER	4.3	4.3
ERG 1143	4.3	4.3
KOKET	4.3	4.3
TIFFANY (PST-4CD)	4.3	4.3
CAPITOL	4.0	4.0
MARY	4.0	4.0
SCARLET	4.0	4.0
SOUTHPORT	4.0	4.0
RAINBOW	3.7	3.7
WILMA	3.3	3.3
LSD VALUE	3.7	3.7

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 10E. WINTER KILL RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/

NAME	ID2	MEAN
SERRA	8.7	8.7
PST-4AG	8.0	8.0
SR 3000	8.0	8.0
EUREKA	7.7	7.7
ATTILIA	7.0	7.0
RELIANT-NO ENDOPHYTE	7.0	7.0
BILJART	6.7	6.7
DISCOVERY (PST-4HD)	6.7	6.7
VALDA	6.7	6.7
AURORA	6.3	6.3
AURORA W/ENDO. (PST-AUE)	6.3	6.3
RELIANT-W/ ENDOPHYTE	6.3	6.3
SCALDIS	6.3	6.3
SILVANA	6.3	6.3
BARREPPPO	6.0	6.0
BARDUR (BAR FO 9A2)	5.3	5.3
BRIGADE (MELODY)	5.0	5.0
SR 3100 (SRX 89-31)	5.0	5.0
LSD VALUE	2.5	2.5

TABLE 10F. WINTER KILL RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

WINTER KILL RATINGS 1-9; 9=BEST 1/

NAME	ID2	MEAN
BIGHORN	6.0	6.0
MX 86	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 11A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 1/			
NAME	NJ1	NJ2	MEAN
SOUTHPORT	8.7	9.0	8.8
SR 5000	8.7	9.0	8.8
TIFFANY (EST-4CD)	9.0	8.7	8.8
DISCOVERY (PST-4HD)	9.0	8.3	8.7
PROFORMER (JMB-89)	9.0	8.3	8.7
SHADOW W/ENDO. (PST-SHE)	8.3	9.0	8.7
BARNICA	8.7	8.7	8.7
WARWICK	8.7	8.7	8.7
BRIDGEPORT (N-105)	8.3	8.7	8.5
JAMESTOWN II	8.3	8.7	8.5
MOLINDA	8.7	8.3	8.5
SHADOW	8.3	8.7	8.5
TROPHY (ESTORIL)	8.3	8.7	8.5
KOKET	7.7	9.0	8.3
RAINBOW	8.3	8.3	8.3
RELIANT-W/ ENDOPHYTE	8.3	8.3	8.3
BARGREEN	8.7	8.0	8.3
ERG 1143	8.0	8.7	8.3
DOVER (NK 82492)	8.0	8.3	8.2
ENJOY	8.0	8.3	8.2
FERNANDO (HF 112)	8.0	8.3	8.2
EPSOM	8.7	7.7	8.2
CAMARO	8.0	8.0	8.0
PST-4FE	8.0	8.0	8.0
RAYMOND	7.7	8.3	8.0
SERRA	7.3	8.7	8.0
WALDORF	8.0	8.0	8.0
BRIGADE (MELODY)	8.0	7.7	7.8
SCARLET	7.3	8.3	7.8
WILMA	7.3	8.3	7.8
ATLANTA	7.7	7.7	7.7
SR 3100 (SRX 89-31)	8.3	7.0	7.7
MARY	8.0	7.3	7.7
89.LKR	7.3	7.7	7.5
CAPITOL	7.0	8.0	7.5
PUMA	7.3	7.7	7.5
RELIANT-NO ENDOPHYTE	7.7	7.3	7.5
SCALDIS	7.3	7.7	7.5
SR 3000	7.3	7.7	7.5
BANNER	8.0	6.7	7.3
JAMESTOWN	6.7	8.0	7.3
SIMONE (LD 3485)	7.0	7.7	7.3
BARREPPPO	7.7	6.7	7.2
PST-4AG	7.7	6.3	7.0
MX 86	7.3	6.3	6.8
BARDUR (BAR FO 9A2)	7.7	5.3	6.5
BELVEDERE	7.0	6.0	6.5
FRANKLIN	6.3	6.7	6.5

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 1/			
NAME	NJ1	NJ2	MEAN
PST-4R3	7.3	5.7	6.5
DIGNITY (OFI 89-200)	7.0	5.7	6.3
ELANOR	7.7	5.0	6.3
BARLANDER (BAR FR 9F)	7.3	5.3	6.3
BOREAL	6.3	6.3	6.3
AURORA	7.0	5.3	6.2
AURORA W/ENDO. (PST-AUE)	6.3	6.0	6.2
ATTILA	6.7	5.3	6.0
BARCROWN	8.0	4.0	6.0
VALDA	6.3	5.7	6.0
EUREKA	6.3	5.3	5.8
SILVANA	6.3	5.3	5.8
SYLVESTER	6.3	5.3	5.8
BARLOTTE	6.7	4.3	5.5
CLAUDIA	6.0	5.0	5.5
BARGENA	5.3	5.3	5.3
NAPOLI (LD 3488)	5.7	4.7	5.2
BARGENA II (BAR FR8RC3)	5.3	5.0	5.2
MARKER	5.3	5.0	5.2
BARSKOL (BAR FR 9P)	4.0	6.0	5.0
COLLO (LD 3414)	4.0	5.7	4.8
LONGFELLOW	4.7	5.0	4.8
BILJART	4.3	5.0	4.7
BIGHORN	6.0	3.0	4.5
SEABREEZE (FRT-30149)	5.7	3.3	4.5
COMFORT (HF 102)	5.7	3.0	4.3
WW RS 130	3.7	5.0	4.3
SUNSET (ZW 42-158)	4.0	4.3	4.2
HERALD	4.7	3.3	4.0
WW RS 143	4.0	4.0	4.0
ENSYLVA	2.3	5.0	3.7
REVERE (NK 88001)	4.7	2.7	3.7
PST-4C8	3.7	3.7	3.7
TALUS (LD 3438)	3.3	3.3	3.3
CINDY	3.7	3.0	3.3
DAWSON	3.7	2.3	3.0
JASPER	4.3	1.7	3.0
PST-4NI	4.0	1.7	2.8
PST-43F	2.7	3.0	2.8
SMIRNA (ZW 42-160)	3.0	2.7	2.8
SALEM	3.0	2.3	2.7
HF 138	4.0	1.3	2.7
SHADEMASTER	2.7	2.7	2.7
WW RS 138	2.3	1.7	2.0
FLYER	2.3	1.3	1.8
VISTA	2.7	1.0	1.8
LSD VALUE	2.1	2.5	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 11B. DOLLAR SPOT RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ1	NJ2	MEAN
BELVEDEERE	7.0	6.0	6.5
FRANKLIN	6.3	6.7	6.5
PST-4R3	7.3	5.7	6.5
ELANOR	7.7	5.0	6.3
BOREAL	6.3	6.3	6.3
SYLVESTER	6.3	5.3	5.8
CLAUDIA	6.0	5.0	5.5
BARGENA	5.3	5.3	5.3
BARGENA II (BAR FR8RC3)	5.3	5.0	5.2
COLLO (LD 3414)	4.0	5.7	4.8
WW RS 130	3.7	5.0	4.3
SUNSET (ZW 42-158)	4.0	4.3	4.2
HERALD	4.7	3.3	4.0
WW RS 143	4.0	4.0	4.0
ENSYLVA	2.3	5.0	3.7
REVERE (NK 88001)	4.7	2.7	3.7
PST-4C8	3.7	3.7	3.7
TALUS (LD 3438)	3.3	3.3	3.3
CINDY	3.7	3.0	3.3
JASPER	4.3	1.7	3.0
PST-4NI	4.0	1.7	2.8
PST-43F	2.7	3.0	2.8
SALEM	3.0	2.3	2.7
SHADEMASTER	2.7	2.7	2.7
WW RS 138	2.3	1.7	2.0
FLYER	2.3	1.3	1.8
VISTA	2.7	1.0	1.8
LSD VALUE	2.5	3.5	2.1

TABLE 11C. DOLLAR SPOT RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ1	NJ2	MEAN
BARCROWN	8.0	4.0	6.0
BARLOTIE	6.7	4.3	5.5
NAPOLI (LD 3488)	5.7	4.7	5.2
MARKER	5.3	5.0	5.2
BARSKOL (BAR FR 9P)	4.0	6.0	5.0
SEABREEZE (FRT-30149)	5.7	3.3	4.5
COMFORT (HF 102)	5.7	3.0	4.3
DAWSON	3.7	2.3	3.0
SMIRNA (ZW 42-160)	3.0	2.7	2.8
HF 138	4.0	1.3	2.7
LSD VALUE	3.1	3.2	2.2

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 11D. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ1	NJ2	MEAN
SOUTHPORT	8.7	9.0	8.8
SR 5000	8.7	9.0	8.8
TIFFANY (PST-4CD)	9.0	8.7	8.8
PROFORMER (JMB-89)	9.0	8.3	8.7
SHADOW W/ENDO. (PST-SHE)	8.3	9.0	8.7
BARNICA	8.7	8.7	8.7
BRIDGEPORT (N-105)	8.3	8.7	8.5
JAMESTOWN II	8.3	8.7	8.5
MOLINDA	8.7	8.3	8.5
SHADOW	8.3	8.7	8.5
TROPHY (ESTORIL)	8.3	8.7	8.5
KOKET	7.7	9.0	8.3
RAINBOW	8.3	8.3	8.3
BARGREEN	8.7	8.0	8.3
ERG 1143	8.0	8.7	8.3
DOVER (NK 82492)	8.0	8.3	8.2
ENJOY	8.0	8.3	8.2
FERNANDO (HF 112)	8.0	8.3	8.2
EPSOM	8.7	7.7	8.2
CAMARO	8.0	8.0	8.0
PST-4FE	8.0	8.0	8.0
RAYMOND	7.7	8.3	8.0
WALDORF	8.0	8.0	8.0
SCARLET	7.3	8.3	7.8
WILMA	7.3	8.3	7.8
ATLANTA	7.7	7.7	7.7
MARY	8.0	7.3	7.7
89.LKR	7.3	7.7	7.5
CAPITOL	7.0	8.0	7.5
PUMA	7.3	7.7	7.5
BANNER	8.0	6.7	7.3
JAMESTOWN	6.7	8.0	7.3
SIMONE (LD 3485)	7.0	7.7	7.3
DIGNITY (OFI 89-200)	7.0	5.7	6.3
BARLANDER (BAR FR 9F)	7.3	5.3	6.3
LONGFELLOW	4.7	5.0	4.8
LSD VALUE	1.3	1.9	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 11E. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ1	NJ2	MEAN
DISCOVERY (PST-4HD)	9.0	8.3	8.7
WARWICK	8.7	8.7	8.7
RELIANT-W/ ENDOPHYTE	8.3	8.3	8.3
SERRA	7.3	8.7	8.0
BRIGADE (MELODY)	8.0	7.7	7.8
SR 3100 (SRX 89-31)	8.3	7.0	7.7
RELIANT-NO ENDOPHYTE	7.7	7.3	7.5
SCALDIS	7.3	7.7	7.5
SR 3000	7.3	7.7	7.5
BARREPPPO	7.7	6.7	7.2
PST-4AG	7.7	6.3	7.0
BARDUR (BAR FO 9A2)	7.7	5.3	6.5
AURORA	7.0	5.3	6.2
AURORA W/ENDO. (PST-AUE)	6.3	6.0	6.2
ATTILA	6.7	5.3	6.0
VALDA	6.3	5.7	6.0
EUREKA	6.3	5.3	5.8
SILVANA	6.3	5.3	5.8
BILJART	4.3	5.0	4.7
LSD VALUE	1.9	1.4	1.2

TABLE 11F. DOLLAR SPOT RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ1	NJ2	MEAN
MK 86	7.3	6.3	6.8
BIGHORN	6.0	3.0	4.5
LSD VALUE	2.9	0.7	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 12A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 1/		
	NJ3	OH2	MEAN
SR 3100 (SRX 89-31)	5.7	6.0	5.8
ATTILA	5.3	5.7	5.5
FERNANDO (HF 112)	5.0	6.0	5.5
PST-4AG	5.3	5.7	5.5
RELIANT-W/ ENDOPHYTE	5.3	5.7	5.5
EUREKA	5.0	5.7	5.3
MARKER	4.7	6.0	5.3
EPSOM	4.3	6.3	5.3
RAINBOW	5.3	5.3	5.3
BARGREEN	4.7	5.7	5.2
SILVANA	4.7	5.7	5.2
BILJART	5.3	5.0	5.2
TROPHY (ESTORIL)	4.3	6.0	5.2
AURORA	4.7	5.3	5.0
AURORA W/ENDO. (PST-AUE)	4.3	5.7	5.0
BARJUR (BAR FO 9A2)	4.7	5.3	5.0
BARSKOL (BAR FR 9P)	4.3	5.7	5.0
DISCOVERY (PST-4HD)	5.0	5.0	5.0
WALDORF	4.3	5.7	5.0
SIMONE (LD 3485)	4.0	5.7	4.8
VALDA	5.0	4.7	4.8
DOVER (NK 82492)	5.3	4.3	4.8
MX 86	3.7	6.0	4.8
SERRA	5.3	4.3	4.8
BARCROWN	3.7	5.7	4.7
COMFORT (HF 102)	3.3	6.0	4.7
SHADOW	4.7	4.7	4.7
SR 3000	4.7	4.7	4.7
BRIGADE (MELODY)	4.0	5.3	4.7
SEABREEZE (FRT-30149)	4.0	5.3	4.7
BIGHORN	4.0	5.0	4.5
ERG 1143	4.0	5.0	4.5
KOKET	4.3	4.7	4.5
MARY	3.7	5.3	4.5
SMIRNA (ZW 42-160)	5.0	4.0	4.5
PROFORMER (JMB-89)	4.7	4.0	4.3
PUMA	4.0	4.7	4.3
SOUTHPORT	4.0	4.7	4.3
SR 5000	4.7	4.0	4.3
89.IKR	4.3	.	4.3
CAMARO	4.3	4.3	4.3
RELIANT-NO ENDOPHYTE	4.3	4.3	4.3
SCALDIS	4.3	4.3	4.3
BARLOTTE	2.3	6.0	4.2
SUNSET (ZW 42-158)	2.7	5.7	4.2
TALUS (LD 3438)	2.3	6.0	4.2
ENJOY	4.0	4.3	4.2
HERALD	3.0	5.3	4.2

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS  
1992 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 1/		
	NJ3	OH2	MEAN
JAMESTOWN II	4.0	4.3	4.2
MOLINDA	4.0	4.3	4.2
NAPOLI (LD 3488)	3.0	5.3	4.2
BARNICA	3.7	4.3	4.0
BELVEDERE	3.3	4.7	4.0
BRIDGEPORT (N-105)	4.7	3.3	4.0
JAMESTOWN	4.3	3.7	4.0
LONGFELLOW	4.7	3.3	4.0
SHADOW W/ENDO. (PST-SHE)	4.3	3.7	4.0
TIFFANY (PST-4CD)	3.3	4.7	4.0
WW RS 138	2.3	5.7	4.0
BARREPPPO	3.3	4.3	3.8
DAWSON	3.3	4.3	3.8
ELANOR	2.3	5.3	3.8
RAYMOND	4.0	3.7	3.8
REVERE (NK 88001)	2.3	5.3	3.8
SCARLET	3.3	4.3	3.8
ATLANTA	3.3	4.0	3.7
BARLANDER (BAR FR 9F)	3.3	4.0	3.7
WW RS 130	2.7	4.7	3.7
COLLO (LD 3414)	2.0	5.3	3.7
PST-4C8	3.0	4.3	3.7
WARWICK	3.7	.	3.7
BOREAL	2.0	5.0	3.5
CAPITOL	4.0	3.0	3.5
CINDY	2.7	4.3	3.5
HF 138	2.3	4.7	3.5
PST-4FE	3.7	3.3	3.5
SYLVESTER	2.0	5.0	3.5
WILMA	3.7	3.3	3.5
BANNER	3.7	3.0	3.3
FRANKLIN	2.3	4.3	3.3
ENSYLVA	2.3	4.0	3.2
PST-4NI	1.7	4.7	3.2
BARGENA II (BAR FR8RC3)	1.3	5.0	3.2
DIGNITY (OFI 89-200)	2.7	3.7	3.2
WW RS 143	2.0	4.3	3.2
JASPER	2.3	3.7	3.0
SHADEMASTER	3.0	3.0	3.0
VISTA	2.3	3.3	2.8
CLAUDIA	1.3	4.3	2.8
PST-4R3	1.3	4.3	2.8
SALEM	2.0	3.3	2.7
PST-43F	1.7	3.7	2.7
BARGENA	1.7	3.3	2.5
FLYER	1.7	3.0	2.3
LSD VALUE	1.4	1.2	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 12B. RED THREAD RATINGS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA  
RED THREAD RATINGS 1-9; 9=NO DISEASE 1/

NAME	NJ3	OH2	MEAN
SUNSET (ZW 42-158)	2.7	5.7	4.2
TALUS (LD 3438)	2.3	6.0	4.2
HERALD	3.0	5.3	4.2
BELVEDEERE	3.3	4.7	4.0
WW RS 138	2.3	5.7	4.0
ELANOR	2.3	5.3	3.8
REVERE (NK 88001)	2.3	5.3	3.8
WW RS 130	2.7	4.7	3.7
COLLO (LD 3414)	2.0	5.3	3.7
PST-4C8	3.0	4.3	3.7
BOREAL	2.0	5.0	3.5
CINDY	2.7	4.3	3.5
SYLVESTER	2.0	5.0	3.5
FRANKLIN	2.3	4.3	3.3
ENSYLVA	2.3	4.0	3.2
PST-4NI	1.7	4.7	3.2
BARGENA II (BAR FR8RC3)	1.3	5.0	3.2
WW RS 143	2.0	4.3	3.2
JASPER	2.3	3.7	3.0
SHADEMASTER	3.0	3.0	3.0
VISTA	2.3	3.3	2.8
CLAUDIA	1.3	4.3	2.8
PST-4R3	1.3	4.3	2.8
SALEM	2.0	3.3	2.7
PST-43F	1.7	3.7	2.7
BARGENA	1.7	3.3	2.5
FLYER	1.7	3.0	2.3
LSD VALUE	1.3	1.3	0.9

TABLE 12C. RED THREAD RATINGS OF SLENDER CREEPING FESCUE CULTIVARS  
1992 DATA

NAME	NJ3	OH2	MEAN
MARKER	4.7	6.0	5.3
BARSKOL (BAR FR 9P)	4.3	5.7	5.0
BARCROWN	3.7	5.7	4.7
COMFORT (HF 102)	3.3	6.0	4.7
SEABREEZE (FRT-30149)	4.0	5.3	4.7
SMIRNA (ZW 42-160)	5.0	4.0	4.5
BARLOTIE	2.3	6.0	4.2
NAPOLI (LD 3488)	3.0	5.3	4.2
DAWSON	3.3	4.3	3.8
HF 138	2.3	4.7	3.5
LSD VALUE	1.5	1.1	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 12D. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 1/			
NAME	NJ3	OH2	MEAN
FERNANDO (HF 112)	5.0	6.0	5.5
EPSOM	4.3	6.3	5.3
RAINBOW	5.3	5.3	5.3
BARGREEN	4.7	5.7	5.2
TROPHY (ESTORIL)	4.3	6.0	5.2
WALDORF	4.3	5.7	5.0
SIMONE (ID 3485)	4.0	5.7	4.8
DOVER (NK 82492)	5.3	4.3	4.8
SHADOW	4.7	4.7	4.7
ERG 1143	4.0	5.0	4.5
KOKET	4.3	4.7	4.5
MARY	3.7	5.3	4.5
PROFORMER (JMB-89)	4.7	4.0	4.3
PUMA	4.0	4.7	4.3
SOUTHPORT	4.0	4.7	4.3
SR 5000	4.7	4.0	4.3
89.LKR	4.3	.	4.3
CAMARO	4.3	4.3	4.3
ENJOY	4.0	4.3	4.2
JAMESTOWN II	4.0	4.3	4.2
MOLINDA	4.0	4.3	4.2
BARNICA	3.7	4.3	4.0
BRIDGEPORT (N-105)	4.7	3.3	4.0
JAMESTOWN	4.3	3.7	4.0
LONGFELLOW	4.7	3.3	4.0
SHADOW W/ENDO. (PST-SHE)	4.3	3.7	4.0
TIFFANY (PST-4CD)	3.3	4.7	4.0
RAYMOND	4.0	3.7	3.8
SCARLET	3.3	4.3	3.8
ATLANTA	3.3	4.0	3.7
BARLANDER (BAR FR 9F)	3.3	4.0	3.7
CAPITOL	4.0	3.0	3.5
PST-4FE	3.7	3.3	3.5
WILMA	3.7	3.3	3.5
BANNER	3.7	3.0	3.3
DIGNITY (OFI 89-200)	2.7	3.7	3.2
LSD VALUE	1.4	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 12E. RED THREAD RATINGS OF HARD FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ3	OH2	MEAN
SR 3100 (SRX 89-31)	5.7	6.0	5.8
ATILA	5.3	5.7	5.5
PST-4AG	5.3	5.7	5.5
RELIANT-W/ ENDOPHYTE	5.3	5.7	5.5
EUREKA	5.0	5.7	5.3
SILVANA	4.7	5.7	5.2
BILJART	5.3	5.0	5.2
AURORA	4.7	5.3	5.0
AURORA W/ENDO. (PST-AUE)	4.3	5.7	5.0
BARDUR (BAR FO 9A2)	4.7	5.3	5.0
DISCOVERY (PST-4HD)	5.0	5.0	5.0
VALDA	5.0	4.7	4.8
SERRA	5.3	4.3	4.8
SR 3000	4.7	4.7	4.7
BRIGADE (MELODY)	4.0	5.3	4.7
RELIANT-NO ENDOPHYTE	4.3	4.3	4.3
SCALDIS	4.3	4.3	4.3
BARREPPPO	3.3	4.3	3.8
WARWICK	3.7	.	3.7
LSD VALUE	1.3	1.0	0.9

TABLE 12F. RED THREAD RATINGS OF SHEEP FESCUE CULTIVARS  
1992 DATA

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

NAME	NJ3	OH2	MEAN
MK 86	3.7	6	4.8
BIGHORN	4.0	5	4.5
LSD VALUE	1.3	0	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 13A. CANOPY HEIGHT MEASUREMENTS OF FINELEAF  
FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/

NAME	PA2	MEAN
BARGENA	9.3	9.3
CINDY	9.3	9.3
PST-4R3	9.3	9.3
SYLVESTER	9.3	9.3
VISTA	9.3	9.3
FLYER	9.0	9.0
SALEM	9.0	9.0
89.LKR	8.7	8.7
BARGENA II (BAR FR8RC3)	8.7	8.7
BARLOTTE	8.7	8.7
BELVEDERE	8.7	8.7
BOREAL	8.7	8.7
CLAUDIA	8.7	8.7
HERALD	8.7	8.7
JAMESTOWN	8.7	8.7
MOLINDA	8.7	8.7
PROFORMER (JMB-89)	8.7	8.7
WW RS 143	8.7	8.7
BANNER	8.3	8.3
BRIDGEPORT (N-105)	8.3	8.3
CAMARO	8.3	8.3
DOVER (NK 82492)	8.3	8.3
FRANKLIN	8.3	8.3
HF 138	8.3	8.3
LONGFELLOW	8.3	8.3
PST-4C8	8.3	8.3
PST-4NI	8.3	8.3
SOUTHPORT	8.3	8.3
TIFFANY (PST-4CD)	8.3	8.3
WW RS 130	8.3	8.3
WW RS 138	8.3	8.3
DAWSON	8.0	8.0
ELANOR	8.0	8.0
JAMESTOWN II	8.0	8.0
JASPER	8.0	8.0
KOKET	8.0	8.0
SHADEMASTER	8.0	8.0
SHADOW	8.0	8.0
SUNSET (ZW 42-158)	8.0	8.0
WILMA	8.0	8.0
ATLANTA	7.7	7.7
BARNICA	7.7	7.7
BARSKOL (BAR FR 9P)	7.7	7.7
COMFORT (HF 102)	7.7	7.7
ENSYLVA	7.7	7.7
FERNANDO (HF 112)	7.7	7.7
MARY	7.7	7.7

CANOPY HEIGHT MEASUREMENTS OF FINELEAF  
FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/

NAME	PA2	MEAN
PST-43F	7.7	7.7
RELIANT-NO ENDOPHYTE	7.7	7.7
RELIANT-W/ ENDOPHYTE	7.7	7.7
REVERE (NK 88001)	7.7	7.7
SCARLET	7.7	7.7
SEABREEZE (FRT-30149)	7.7	7.7
SERRA	7.7	7.7
SHADOW W/ENDO. (PST-SHE)	7.7	7.7
SR 3000	7.7	7.7
SR 5000	7.7	7.7
TROPHY (ESTORIL)	7.7	7.7
AURORA	7.3	7.3
AURORA W/ENDO. (PST-AUE)	7.3	7.3
BARCROWN	7.3	7.3
BARDUR (BAR FO 9A2)	7.3	7.3
BARGREEN	7.3	7.3
BRIGADE (MELODY)	7.3	7.3
CAPITOL	7.3	7.3
DIGNITY (OFI 89-200)	7.3	7.3
ENJOY	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
PST-4AG	7.3	7.3
PST-4FE	7.3	7.3
WALDORF	7.3	7.3
BARREPPPO	7.0	7.0
EUREKA	7.0	7.0
PUMA	7.0	7.0
SCALDIS	7.0	7.0
SILVANA	7.0	7.0
SIMONE (LD 3485)	7.0	7.0
TALUS (LD 3438)	7.0	7.0
BARLANDER (BAR FR 9F)	6.7	6.7
BIGHORN	6.7	6.7
BILJART	6.7	6.7
COLLO (LD 3414)	6.7	6.7
ERG 1143	6.7	6.7
RAINEBOW	6.7	6.7
VALDA	6.7	6.7
DISCOVERY (PST-4HD)	6.3	6.3
MARKER	6.3	6.3
MX 86	6.3	6.3
RAYMOND	6.3	6.3
ATTILIA	6.0	6.0
SR 3100 (SRX 89-31)	6.0	6.0
LSD VALUE	1.2	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 13B. CANOPY HEIGHT MEASUREMENTS OF CREEPING RED FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/		
NAME	PA2	MEAN
BARGENA	9.3	9.3
CINDY	9.3	9.3
PST-4R3	9.3	9.3
SYLVESTER	9.3	9.3
VISTA	9.3	9.3
FLYER	9.0	9.0
SALEM	9.0	9.0
BARGENA II (BAR FR8RC3)	8.7	8.7
BELVEDERE	8.7	8.7
BOREAL	8.7	8.7
CLAUDIA	8.7	8.7
HERALD	8.7	8.7
WW RS 143	8.7	8.7
FRANKLIN	8.3	8.3
PST-4C8	8.3	8.3
PST-4NI	8.3	8.3
WW RS 130	8.3	8.3
WW RS 138	8.3	8.3
ELANCR	8.0	8.0
JASPER	8.0	8.0
SHADEMASTER	8.0	8.0
SUNSET (ZW 42-158)	8.0	8.0
ENSYLVA	7.7	7.7
PST-43F	7.7	7.7
REVERE (NK 88001)	7.7	7.7
TALUS (LD 3438)	7.0	7.0
COLLO (LD 3414)	6.7	6.7
LSD VALUE	1.2	1.2

TABLE 13C. CANOPY HEIGHT MEASUREMENTS OF SLENDER  
CREEPING FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/		
NAME	PA2	MEAN
BARLOTTE	8.7	8.7
HF 138	8.3	8.3
DAWSON	8.0	8.0
BARSKOL (BAR FR 9P)	7.7	7.7
COMFORT (HF 102)	7.7	7.7
SEABREEZE (FRT-30149)	7.7	7.7
BARCROWN	7.3	7.3
NAPOLI (LD 3488)	7.3	7.3
MARKER	6.3	6.3
LSD VALUE	1.2	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 13D. CANOPY HEIGHT MEASUREMENTS OF CHEWINGS FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/		
NAME	PA2	MEAN
89.LKR	8.7	8.7
JAMESTOWN	8.7	8.7
MOLINDA	8.7	8.7
PROFORMER (JMB-89)	8.7	8.7
BANNER	8.3	8.3
BRIDGEPORT (N-105)	8.3	8.3
CAMARO	8.3	8.3
DOVER (NK 82492)	8.3	8.3
LONGFELLOW	8.3	8.3
SOUTHPORT	8.3	8.3
TIFFANY (PST-4CD)	8.3	8.3
JAMESTOWN II	8.0	8.0
KOKET	8.0	8.0
SHADOW	8.0	8.0
WILMA	8.0	8.0
ATLANIA	7.7	7.7
BARNICA	7.7	7.7
FERNANDO (HF 112)	7.7	7.7
MARY	7.7	7.7
SCARLET	7.7	7.7
SHADOW W/ENDO. (PST-SHE)	7.7	7.7
SR 5000	7.7	7.7
TROPHY (ESTORIL)	7.7	7.7
BARGREEN	7.3	7.3
CAPITOL	7.3	7.3
DIGNITY (OFI 89-200)	7.3	7.3
ENJOY	7.3	7.3
PST-4FE	7.3	7.3
WALDORF	7.3	7.3
PUMA	7.0	7.0
SIMONE (LD 3485)	7.0	7.0
BARLANDER (BAR FR 9F)	6.7	6.7
ERG 1143	6.7	6.7
RAINBOW	6.7	6.7
RAYMOND	6.3	6.3
LSD VALUE	1.2	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 13E. CANOPY HEIGHT MEASUREMENTS OF HARD FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/		
NAME	PA2	MEAN
RELIANT-NO ENDOPHYTE	7.7	7.7
RELIANT-W/ ENDOPHYTE	7.7	7.7
SERRA	7.7	7.7
SR 3000	7.7	7.7
AURORA	7.3	7.3
AURORA W/ENDO. (PST-AUE)	7.3	7.3
BARDUR (BAR FO 9A2)	7.3	7.3
BRIGADE (MELODY)	7.3	7.3
PST-4AG	7.3	7.3
BARREPPPO	7.0	7.0
EUREKA	7.0	7.0
SCALDIS	7.0	7.0
SILVANA	7.0	7.0
BILJART	6.7	6.7
VALDA	6.7	6.7
DISCOVERY (PST-4HD)	6.3	6.3
ATTILA	6.0	6.0
SR 3100 (SRX 89-31)	6.0	6.0
LSD VALUE	1.0	1.0

TABLE 13F. CANOPY HEIGHT MEASUREMENTS OF SHEEP  
FESCUE CULTIVARS  
1992 DATA

CANOPY HEIGHT MEASURED IN INCHES 1/		
NAME	PA2	MEAN
BIGHORN	6.7	6.7
MX 86	6.3	6.3
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).