

LOCATIONS SUBMITTING DATA FOR 1993-95

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn University	AL1
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville	AR2
Arizona	Tucson	AZ1
British Columbia	Vancouver	BC1
California	Santa Clara	CA1
California	Riverside	CA3
Colorado	Fort Collins	CO1
District of Columbia	Washington Monument Grounds	DC1
Georgia	Griffin (High pH)	GA1
Georgia	Griffin (Low pH)	GA2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Louisiana	Calhoun	LA2
Maryland	Beltsville (High maintenance)	UB1
Maryland	Beltsville (Low maintenance)	UB2
Maryland	Silver Spring	MD1
Massachusetts	Deerfield	MA1
Michigan	East Lansing	MI1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
Missouri	New Franklin	MO2
Missouri	St. Louis	MO3
Missouri	Mount Vernon	MO4
Nebraska	Lincoln (High maintenance)	NE1
Nebraska	Lincoln (Low maintenance)	NE2
Nebraska	North Platte	NE3
Nevada	Reno	NV1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New York	Ithaca	NY1
Pennsylvania	University Park (Medium maintenance)	PA1
Pennsylvania	University Park (Low maintenance)	PA2
Rhode Island	Kingston	RI1
Saskatchewan	Saskatoon	SK1
South Dakota	Brookings	SD1
Texas	Dallas	TX1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4
Virginia	Norton	VA6
Virginia	Charlottesville	VA8
Washington	Pullman	WA1
Wisconsin	Madison	WI1

**1992 NATIONAL TALL FESCUE TEST
Entries and Sponsors**

Entry	Name	Sponsor	Entry	Name	Sponsor	Entry	Name	Sponsor
1	Avanti	Davenport Seed Co.	41	Cochise	Ampac Seed Co.	80	Falcon	E.F. Burlingham (Standard entry)
2	Barlexas (Lexus)	Barenbrug/USA	42	M-2	Mid-Valley Ag Products			
3	Vegas	Barenbrug/USA	43	403	Mid-Valley Ag Products	81	Falcon II (MB-21-92)	E.F. Burlingham
4	Austin	Barenbrug/USA	44	Anthem	Green Seed Co.	82	Renegade (MB-22-92)	E.F. Burlingham
5	BAR Fa 214	Barenbrug/Holding	45	Astro 2000	Green Seed Co.	83	Marksman (MB-23-92)	E.F. Burlingham
6	BAR Fa 2AB	Barenbrug/Holding	46	Apache II (PST-59D)	Pure-Seed Test., Inc.	84	Starlet (MB-24-92)	E.F. Burlingham
7	BAR Fa 0855	Barenbrug/Holding	47	Jaguar 3 (ZPS-J3)	Zajac Performance Seeds	85	Southern Choice (MB-25-92)	E.F. Burlingham
8	Genesis (GEN-91)	Genesis Group	48	Coyote (ZPS-ML)	Zajac Performance Seeds	86	PRO-9178	Seed Research, Inc.
9	Ninja (ATF 006)	Ampac Seed Co.	49	Gazelle (ZPS-VL)	Zajac Performance Seeds	87	CAS-LA20	Cascade Int'l Seed Co.
10	ATF-007	Advanta Seeds West	50	Duster (ITR-90-2)	Pennington Seed Co.	88	CAS-MA21	Cascade Int'l Seed Co.
11	FA-19	Advanta Seeds West	51	Virtue	Pennington Seed Co.	89	Debutante (WXI-208-2)	Willamette Seed Co.
12	FA-22	Advanta Seeds West	52	Palisades (OFI-TF-601)	Olsen-Fennel Seeds	90	Shenandoah	Willamette Seed Co.
13	Rebel-3D	Lofts Seed Co.	53	Chieftain II (Pick CII)	Roberts Seed Co.	91	Bonanza	Standard entry
14	Rebel, Jr.	Lofts Seed Co.	54	Sun Pro (Pick 90-10)	Pickseed West	92	Pyramid (SIU-1)	Olsen-Fennel Seed Co.
15	Bonsai	Turf Merchants, Inc. (Standard Entry)	55	Phoenix	Barenbrug/Normarc Group			
			56	Generic (Cafal01)	Cala Farms, Inc.			
16	Bonsai Plus	Turf Merchants, Inc.	57	Ky-31 no endo.	Standard entry			
17	Twilight	Turf Merchants, Inc.	58	Ky-31 w/endo.	Standard entry			
18	Mirage (KWS-DSL)	Turf Merchants, Inc.	59	Houndog V (ISI-AFE)	International Seeds, Inc.			
19	Micro DD	Turf Merchants, Inc.	60	ISI-AFA	International Seeds, Inc.			
20	Finelawn 88	Finelawn Research Corp.	61	ISI-CRC	International Seeds, Inc.			
21	Finelawn Petite	Finelawn Research Corp.	62	Avalon (ISI-ATK)	Olsen-Fennel Seed Co.			
22	Kittyhawk	Smith Seed Service	63	Duke	Cascade International			
23	Aztec	O.M. Scott & Sons Co.	64	Montauk	Cascade International			
24	Bonanza II	Proprietary Seed	65	Pixie	Jacklin Seed Co.			
25	Adobe (SFL)	O.M. Scott & Sons Co.	66	Alamo (J-1048)	Medalist America			
26	Empress (ZPS-E2)	Zajac Performance Seeds	67	Lancer	LESCO, Inc.			
27	Crossfile II (Pick 90-12)	Pickseed West	68	Trailblazer II	LESCO, Inc.			
28	Shortstop II (Pick 90-6)	Pickseed West	69	SR 8200	Seed Research, Inc.			
29	Eldorado	Turf-Seed, Inc.	70	SR 8300	Seed Research, Inc.			
30	PST-5LX	Pure-Seed Testing, Inc.	71	Grande (SR 8400)	Royal Seeds of Salem			
31	PST-5STB	Pure-Seed Testing, Inc.	72	Titan 2 (SR 8010)	Smith Seed Services			
32	PST-5PM	Pure-Seed Testing, Inc.	73	SR 8210	Seed Research, Inc.			
33	Safari	Turf-Seed, Inc.	74	Arid	Jacklin Seed Company (Standard entry)			
34	Olympic II	Turf-Seed, Inc.						
35	Coronado (PST-RDG)	Pure Seed Testing, Inc.	75	PSTF-LF	Pro-Seeds Marketing			
36	PST-5VC	Pure Seed Testing, Inc.	76	Wildcat (PSTF-200)	Pro-Seeds Marketing			
37	Silverado	Turf-Seed, Inc.	77	Heritage (PSTF-401)	Pro-Seeds Marketing			
38	PST-5DX w/endophyte	Turf-Seed, Inc.	78	Guardian	Roberts Seed Company			
39	Tomahawk	Turf-Seed, Inc.	79	Leprechaun	Roberts Seed Company			
40	Monarch	Turf-Seed, Inc.						

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY-SEVEN LOCATIONS IN THE U.S. AND CANADA
1993-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	CO1	DC1	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	LA2	MA1	MD1	MI1	MO1	MO2	MO3	MO4
* COCHISE	5.6	6.7	5.6	6.5	5.7	7.2	6.2	6.2	2.6	4.7	3.5	5.7	6.3	5.6	6.5	7.6	7.1	3.2	5.8	5.9	6.5	6.7	6.5	5.9	6.4
PRO-9178	5.7	6.8	5.3	6.8	5.8	7.3	6.1	6.4	3.2	4.6	2.5	6.1	6.7	5.2	6.3	7.4	6.9	3.6	5.6	5.8	6.4	6.5	6.9	5.5	6.1
* LEPRECHAUN	5.8	7.3	5.7	6.6	5.4	7.1	6.1	6.2	2.7	4.4	2.8	6.2	6.5	5.3	6.6	7.3	7.1	3.4	5.5	6.0	6.3	6.7	6.8	5.4	6.0
* VEGAS	5.4	6.9	5.5	6.8	5.3	7.3	6.0	5.4	2.8	4.6	1.8	6.7	6.3	5.1	6.7	7.4	6.9	3.7	5.9	5.9	6.1	6.7	6.8	5.8	6.4
ISI-CRC	5.7	6.4	5.8	6.7	5.4	7.2	6.0	5.8	3.5	4.7	2.6	6.5	5.9	4.7	6.5	7.1	6.9	3.8	5.3	6.1	6.4	6.6	6.9	5.5	6.1
BAR FA 0855	5.5	6.5	5.5	6.8	5.7	7.1	6.1	6.1	2.4	4.5	2.5	6.1	6.3	5.6	6.2	7.3	6.7	3.6	5.6	6.0	6.2	6.7	6.6	5.7	6.6
* TRAILBLAZER II	5.7	6.4	5.8	6.7	5.5	7.0	6.0	6.2	2.7	4.9	2.4	6.1	6.3	5.6	6.5	7.3	7.1	3.6	5.3	6.0	6.6	6.3	6.9	5.4	6.0
FA-22	5.7	7.3	5.4	6.5	5.6	7.3	6.0	6.0	2.5	4.7	2.1	5.9	6.7	5.5	6.2	6.8	6.8	3.7	5.3	6.1	6.2	6.7	6.8	5.1	6.4
* BONSAI PLUS	5.6	6.5	5.9	6.6	5.5	7.3	6.0	6.2	2.5	4.7	3.6	6.4	6.3	5.0	6.2	7.6	6.8	3.5	5.7	5.9	6.5	6.8	6.7	5.7	6.3
HERITAGE (PSTF-401)	5.8	6.3	5.5	6.8	5.4	7.1	5.9	5.8	3.3	4.5	3.4	6.8	5.6	5.6	6.5	6.9	7.0	3.2	5.2	6.1	6.6	6.6	6.7	5.2	6.4
* ALAMO (J-1048)	5.7	6.6	5.0	7.0	5.5	6.9	6.2	6.0	3.2	4.7	2.4	6.5	5.9	5.1	6.3	7.3	7.0	3.7	5.7	6.1	6.5	6.8	6.5	5.7	6.3
* SR 8300	5.8	6.5	6.0	6.8	5.7	6.9	6.1	5.9	3.4	4.7	2.7	6.1	6.0	5.5	6.2	6.9	7.1	3.8	4.9	6.2	6.4	6.3	6.6	5.4	6.1
M-2	5.6	6.4	5.6	6.8	5.6	7.3	6.1	6.0	3.6	4.9	2.3	6.0	6.5	5.8	6.3	6.9	6.8	3.6	5.5	6.0	6.6	6.6	6.8	5.5	6.0
* SHENANDOAH	5.8	5.9	5.2	6.8	5.6	6.8	5.9	6.0	2.9	4.5	3.4	5.7	6.4	5.2	6.2	6.8	6.7	3.8	5.2	6.1	6.7	6.6	6.7	5.3	6.4
* BONANZA II	5.7	6.2	5.9	6.8	5.5	7.0	6.1	6.1	2.9	4.8	3.0	6.4	5.8	5.5	6.3	7.1	6.8	3.8	5.1	6.0	6.6	6.5	6.8	5.4	6.3
BAR FA 2AB	5.5	6.7	6.1	6.8	6.1	7.1	6.1	6.2	2.0	4.4	2.7	6.0	6.1	4.8	6.6	7.6	7.1	3.7	5.7	5.8	6.1	6.5	6.8	5.5	6.0
* MIRAGE (KWS-DSL)	5.6	6.9	5.4	6.3	5.9	7.3	6.2	6.3	2.9	4.9	2.8	5.8	6.2	5.4	6.5	7.5	6.8	2.8	5.6	6.0	6.4	6.6	6.8	5.5	6.3
403	5.6	6.3	5.6	6.7	5.9	7.1	5.9	5.3	3.1	4.5	2.8	6.5	6.6	5.1	6.4	7.4	7.0	3.8	5.9	6.2	6.5	6.4	6.7	5.4	6.1
WILDCAT (PSTF-200)	5.6	5.7	5.6	6.8	5.1	7.0	5.9	5.7	3.9	5.0	2.7	6.8	6.0	5.0	6.2	6.4	7.2	4.1	5.4	5.9	6.3	6.6	6.6	5.0	6.5
* AVANTI	5.5	6.4	5.6	6.9	5.7	7.1	6.1	6.3	2.8	4.9	2.1	5.6	6.1	5.7	6.5	7.2	6.8	3.4	5.4	5.9	6.4	6.6	6.8	5.3	6.1
PSTF-LF	5.9	6.2	5.4	6.8	5.4	7.1	5.9	6.1	3.8	4.9	3.1	6.4	5.5	5.0	6.0	7.1	6.9	3.7	5.3	5.9	6.3	6.7	6.7	5.4	6.2
* GENERIC (CAFA 101)	5.7	5.9	5.3	6.7	5.6	7.0	6.0	5.6	3.3	4.4	2.8	6.2	6.2	5.2	6.1	6.9	6.9	3.1	5.3	6.3	6.5	6.2	6.5	5.1	6.5
* KITTYHAWK	5.8	6.6	5.3	6.8	5.6	7.3	5.8	6.0	3.0	4.4	2.4	6.0	6.2	5.3	6.5	6.9	6.8	3.4	5.4	5.8	6.2	6.7	6.6	5.5	6.3
* AUSTIN	5.5	6.1	5.6	7.0	5.2	7.0	5.8	5.8	3.2	4.6	2.9	6.4	5.7	5.0	6.4	6.7	6.6	3.8	5.5	6.1	6.5	6.6	6.6	5.4	5.9
PST-5STB	5.5	7.2	5.2	6.6	5.5	7.3	6.3	6.1	2.4	4.5	2.4	5.3	5.8	4.7	6.2	7.2	6.6	3.5	5.8	5.9	6.2	6.4	6.7	5.2	5.9
* OLYMPIC II	5.6	5.6	5.4	6.9	5.2	7.1	5.8	5.8	3.3	4.6	3.0	5.6	5.8	5.7	6.0	6.4	6.5	3.6	4.9	5.9	6.6	6.6	6.5	5.0	6.6
* FINELAWN 88	5.6	6.3	5.4	6.7	5.3	7.1	6.1	5.8	2.9	4.6	3.2	6.2	5.9	5.1	6.2	7.1	6.7	3.6	5.3	6.0	6.4	6.6	6.5	5.4	6.2
* AZTEC	5.6	6.6	6.0	6.8	5.4	7.0	6.1	6.4	2.7	4.7	2.5	6.4	2.4	5.6	6.3	7.0	6.9	3.1	4.9	6.0	6.4	6.4	6.6	5.5	6.1
* MONARCH	5.4	6.4	5.9	6.8	5.5	7.1	6.0	6.0	3.1	4.4	2.3	5.8	5.9	5.8	6.0	7.1	6.9	3.1	5.4	5.9	6.2	6.4	6.7	5.2	6.2
BAR FA 214	5.5	6.9	5.7	6.7	5.4	7.5	6.0	5.8	2.4	4.6	1.9	6.4	5.7	5.6	6.2	6.8	6.6	3.6	5.1	6.0	6.0	6.6	6.4	5.0	6.3
* BONSAI	5.4	7.4	5.2	6.7	5.6	7.5	6.1	6.0	2.1	4.2	2.5	5.7	6.0	5.7	6.0	7.4	6.3	3.6	6.1	5.8	5.7	6.4	6.7	5.4	6.2
* PHOENIX	5.8	5.9	5.6	6.7	5.4	6.4	5.6	6.0	3.4	4.6	3.2	6.1	5.5	5.5	5.9	6.5	6.7	3.8	4.9	6.0	6.9	6.3	6.5	5.0	6.4
CAS-MA21	5.6	6.2	5.5	6.8	5.2	7.0	6.1	5.5	3.0	4.6	2.3	6.3	5.9	5.3	6.3	7.1	6.8	3.2	5.3	5.9	6.5	6.7	6.6	5.2	5.9
* ASTRO 2000	5.6	6.1	5.5	6.8	5.2	7.0	5.7	6.0	3.3	4.5	3.0	5.7	5.4	5.1	5.9	6.4	7.0	3.7	4.9	6.0	6.4	6.7	6.5	4.8	6.0
* BONANZA	5.6	5.6	5.2	6.7	5.4	6.5	6.0	6.0	3.2	4.6	2.6	5.7	5.6	5.2	5.9	7.0	6.6	3.4	5.2	5.9	6.2	6.1	6.4	5.2	6.6
CAS-LA20	5.4	6.5	5.8	6.7	5.2	7.0	6.1	5.4	2.6	4.4	2.7	6.0	6.0	4.3	6.1	7.1	6.7	3.7	5.4	5.7	6.1	6.6	6.6	5.3	6.0
* ARID	5.8	5.3	5.1	6.7	5.2	6.0	5.6	5.5	4.5	4.4	2.8	5.4	4.5	5.5	5.8	6.1	6.4	3.8	4.5	5.8	6.2	6.5	5.9	4.4	6.2
* TWILIGHT	5.5	6.6	4.7	6.4	5.0	7.0	6.0	5.7	2.2	4.9	2.7	4.9	5.7	4.3	6.0	7.7	5.8	3.1	6.2	5.8	6.0	6.5	6.3	5.8	5.6
* FALCON	5.8	5.1	4.9	6.6	5.4	6.2	5.3	5.4	3.9	4.4	2.9	5.5	4.9	4.9	5.7	5.8	6.2	3.0	4.7	5.9	6.2	6.6	5.5	4.4	6.1
* ANTHEM	5.7	4.9	5.1	6.7	5.2	5.8	5.3	4.9	3.8	4.2	3.0	5.8	4.1	5.5	5.4	5.3	6.0	3.9	4.3	5.7	6.2	6.5	5.9	4.1	5.6
* KY-31 NO ENDO.	5.6	4.1	4.1	6.4	4.7	4.6	4.6	4.7	3.3	4.1	2.1	4.7	3.7	3.9	4.8	4.6	5.3	3.5	3.8	5.3	5.7	5.7	5.1	3.3	6.0
* KY-31 W/ENDO.	5.7	3.8	4.1	6.4	4.6	4.4	4.4	4.5	3.0	4.0	2.8	4.6	3.7	4.0	4.6	4.4	5.2	3.9	3.7	5.1	5.2	5.4	5.1	3.1	5.7
LSD VALUE	0.5	0.4	0.7	0.3	0.5	0.4	0.3	0.5	0.7	0.4	0.9	0.8	0.7	0.9	0.5	0.4	0.5	0.6	0.6	0.4	0.5	0.8	0.7	0.7	1.3

* COMMERCIALY AVAILABLE IN THE USA IN 1996.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY-SEVEN LOCATIONS IN THE U.S. AND CANADA
1993-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	NY1	PA1	PA2	RI1	SD1	SK1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	WI1	MEAN
COCHISE	5.9	5.9	5.6	4.6	5.3	5.1	5.7	3.6	6.6	3.9	5.5	5.2	5.2	7.0	6.8	6.1	5.0	5.2	4.1	4.1	5.7	7.5	5.7
PRO-9178	6.0	5.8	6.0	4.4	4.7	5.2	6.0	4.3	6.3	3.6	5.5	5.7	5.1	6.9	6.9	6.3	5.1	5.1	3.8	4.3	6.0	7.3	5.6
LEPRECHAUN	5.9	6.2	6.1	5.0	5.1	5.5	5.4	3.3	6.9	3.7	5.6	5.9	5.4	6.5	7.1	6.2	5.0	5.2	3.1	4.2	5.7	7.2	5.6
VEGAS	5.8	5.9	6.2	4.8	5.3	5.5	5.7	4.8	6.5	3.5	5.7	5.3	5.6	6.8	6.8	5.7	5.3	5.1	3.6	4.3	6.0	6.8	5.6
ISI-CRC	6.0	6.3	5.8	4.4	4.6	4.7	5.6	4.7	6.8	4.1	5.5	5.6	4.9	7.2	6.7	5.9	5.1	5.3	3.6	5.1	5.5	7.8	5.6
BAR FA 0855	5.9	5.8	6.1	5.2	4.8	5.0	6.0	4.5	7.1	4.0	5.7	5.9	4.5	6.9	6.6	5.9	5.0	4.7	3.6	4.9	5.8	7.0	5.6
TRAILBLAZER II	5.8	6.2	5.9	4.8	5.0	5.6	5.8	3.5	5.9	3.7	5.4	5.5	5.0	6.8	7.2	5.7	5.0	5.2	4.3	4.8	5.8	7.7	5.6
FA-22	5.9	5.8	5.8	5.0	4.5	5.2	5.9	4.4	7.2	3.8	5.8	5.3	5.4	7.2	6.8	6.0	5.2	5.2	4.0	4.4	5.7	7.2	5.6
BONSAI PLUS	5.9	6.0	6.2	4.7	4.7	5.2	5.8	2.9	6.0	3.6	5.7	5.3	5.0	6.9	6.7	5.9	5.0	5.1	3.9	5.2	6.0	7.3	5.6
HERITAGE (PSTF-401)	6.0	5.8	5.7	4.8	4.6	5.1	6.2	4.4	6.0	4.1	5.6	5.4	5.4	6.8	6.6	6.0	5.1	5.0	4.0	4.9	5.8	7.3	5.6
ALAMO (J-1048)	5.9	6.0	6.0	4.5	4.7	5.3	6.3	3.3	6.3	3.2	5.8	5.7	5.6	6.4	6.8	6.0	5.5	5.3	3.9	4.8	5.7	7.3	5.6
SR 8300	5.9	6.3	6.0	5.0	4.2	4.9	6.1	3.2	6.9	3.8	5.5	5.8	5.1	7.0	6.8	6.0	5.4	5.2	3.8	4.7	5.8	7.2	5.6
M-2	6.0	5.9	5.4	4.4	4.6	5.3	5.8	4.6	6.1	4.0	5.8	5.8	4.8	6.6	6.6	5.8	5.1	5.3	4.2	4.8	6.0	6.8	5.6
SHENANDOAH	5.9	6.2	5.5	5.1	4.7	4.6	6.0	4.3	6.4	4.0	5.3	5.6	5.0	6.9	6.7	5.9	5.3	5.2	4.0	4.8	5.9	7.0	5.6
BONANZA II	6.0	5.3	5.7	4.7	4.2	5.0	6.3	4.3	6.0	3.5	5.7	5.3	5.4	7.0	6.9	6.1	5.3	5.3	3.9	4.6	5.7	7.1	5.6
BAR FA 2AB	5.8	5.6	6.2	5.2	5.1	5.1	5.7	3.5	6.2	3.6	5.7	5.2	4.5	7.0	7.1	6.2	5.2	4.8	3.8	4.2	5.9	7.5	5.6
MIRAGE (KWS-DSL) 403	5.6	5.9	5.6	4.9	5.0	5.3	6.0	3.4	6.3	3.8	5.8	5.9	5.5	6.6	6.8	5.5	5.0	4.8	3.5	4.5	5.8	7.2	5.6
WILDCAT (PSTF-200)	6.1	5.4	5.5	4.6	4.9	5.0	6.3	5.6	6.3	4.1	5.9	5.6	4.5	6.9	6.5	5.8	5.0	5.1	4.1	4.3	5.6	7.0	5.6
AVANTI	6.0	5.5	5.8	5.0	4.8	5.0	5.5	3.5	6.8	3.9	5.9	5.7	5.0	6.3	6.7	6.1	5.2	4.8	4.0	4.6	5.8	7.1	5.6
PSTF-LF	6.0	5.5	5.5	4.8	4.2	4.8	6.1	4.7	5.9	3.9	5.5	5.5	5.0	6.9	6.6	5.1	5.0	5.0	3.8	5.1	5.6	6.9	5.6
GENERIC (CAFA 101)	6.0	5.8	5.8	4.5	4.5	5.0	5.6	4.4	6.7	4.3	5.6	5.9	5.1	6.9	6.5	5.6	5.4	5.1	4.3	4.8	5.7	6.8	5.6
KITTYHAWK	6.0	5.5	5.4	4.1	4.1	4.6	6.1	4.3	6.4	3.9	5.6	5.6	4.5	6.9	6.6	5.9	5.1	5.1	4.2	4.6	5.9	7.0	5.5
AUSTIN	5.9	5.7	5.6	4.1	4.6	5.0	6.1	4.8	6.2	3.8	5.4	5.6	5.1	6.8	6.4	5.6	5.1	5.0	4.2	4.7	5.5	6.9	5.5
PST-5STB	5.5	6.2	6.1	4.9	5.1	4.5	6.0	4.5	6.1	3.7	5.3	5.4	5.3	6.8	6.6	5.7	4.8	5.0	3.6	4.5	5.8	7.8	5.5
OLYMPIC II	6.0	6.0	5.6	4.6	3.8	4.5	5.7	5.1	6.3	4.3	5.7	5.8	4.8	6.9	6.3	5.1	5.0	5.0	4.6	5.1	5.8	7.0	5.5
FINELAWN 88	5.9	5.8	5.8	4.3	4.1	4.8	6.2	3.0	6.5	3.9	5.8	5.7	4.8	6.6	6.4	5.8	4.9	4.9	4.1	4.7	5.4	7.0	5.5
AZTEC	5.6	5.5	5.7	4.1	4.8	5.1	5.7	3.8	6.6	3.8	5.9	5.8	5.2	6.6	7.0	6.3	5.2	5.0	3.7	4.6	5.7	7.1	5.5
MONARCH	6.1	5.6	5.4	4.0	4.3	4.7	5.9	3.8	6.4	3.8	5.3	5.7	4.7	6.8	6.7	5.7	5.2	5.0	3.8	4.5	5.8	7.1	5.5
BAR FA 214	5.8	6.1	5.6	4.6	4.3	5.0	5.5	4.1	6.1	3.8	5.2	5.3	5.4	7.1	6.7	5.9	5.4	4.9	3.4	4.3	5.6	6.8	5.5
BONSAI	5.6	6.3	5.8	4.7	5.0	4.6	5.3	2.6	5.9	3.3	5.4	5.8	4.5	7.1	6.9	6.1	4.6	5.3	3.4	3.9	6.3	6.7	5.5
PHOENIX	6.0	5.8	5.3	4.3	4.3	4.4	5.1	4.8	6.2	4.2	5.5	5.6	4.4	7.0	6.2	5.2	5.0	5.2	4.2	4.6	5.6	6.7	5.5
CAS-MA21	5.8	5.5	5.7	4.5	3.9	4.8	6.0	2.4	6.7	3.4	5.5	5.4	5.0	6.8	6.6	5.7	5.0	4.8	3.9	4.9	5.8	7.3	5.4
ASTRO 2000	5.9	5.9	5.5	4.8	4.3	4.3	5.6	5.4	6.1	4.1	5.5	5.5	4.7	6.4	6.2	5.4	4.8	4.9	4.2	4.6	5.5	6.7	5.4
BONANZA	5.8	5.5	5.5	4.6	3.8	4.6	6.2	4.6	6.7	3.6	5.3	5.3	5.3	6.8	6.4	5.9	5.0	4.9	4.3	4.5	5.6	6.8	5.4
CAS-LA20	5.9	5.7	5.8	4.6	4.4	4.6	5.4	2.8	6.9	3.4	5.4	5.2	4.9	6.4	6.3	5.9	4.9	5.0	3.9	4.5	5.8	7.2	5.4
ARID	5.8	5.8	5.8	4.6	3.4	3.8	5.4	4.1	5.9	4.2	5.5	5.9	4.6	6.9	5.9	5.1	4.9	4.7	4.0	4.6	5.5	6.5	5.3
TWILIGHT	5.3	5.9	5.7	3.7	3.8	3.8	6.1	2.8	4.1	3.6	6.0	4.7	4.5	6.7	6.1	5.5	3.9	4.4	3.5	4.5	5.1	7.6	5.2
FALCON	5.9	5.4	5.5	4.0	3.3	3.4	6.0	3.7	5.8	4.0	5.1	5.2	5.0	6.6	5.6	5.1	4.4	4.3	3.5	4.9	5.3	6.4	5.1
ANTHEM	5.7	5.5	5.3	4.5	3.0	3.0	5.6	4.2	5.3	4.2	5.1	5.0	4.1	6.6	5.4	4.6	4.4	4.5	4.0	4.3	5.2	7.0	5.0
KY-31 NO ENDO.	5.3	4.6	5.1	3.6	2.3	2.0	5.2	3.4	4.4	4.2	3.9	5.3	4.4	6.2	4.3	3.9	3.8	3.6	4.2	4.2	4.5	5.6	4.4
KY-31 W/ENDO.	5.4	4.3	5.1	3.8	2.4	2.0	4.8	4.4	4.3	4.3	4.0	5.2	4.0	6.2	4.4	4.1	3.8	3.8	4.3	4.1	4.4	5.5	4.4
LSD VALUE	0.3	0.7	0.6	0.6	0.6	0.4	0.6	1.4	0.7	0.4	0.4	0.5	0.5	0.4	0.3	0.5	0.3	0.4	0.7	0.8	0.4	0.6	0.1

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 2. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT FORTY-SEVEN LOCATIONS IN THE U.S. AND CANADA 1993-1995 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
JAGUAR 3 (ZPS-J3)	5.6	5.8	6.0	6.0	6.1	6.2	6.0	6.0	6.1	6.3	6.3	6.1	6.1
ISI-AFA	5.5	5.6	5.9	6.0	6.1	6.2	5.9	5.9	6.1	6.3	6.2	6.0	6.0
FALCON II (MB-21-92)	5.5	5.4	5.9	5.9	6.2	6.1	5.9	5.9	6.1	6.3	6.2	6.0	6.0
GENESIS (GEN-91)	5.3	5.5	5.8	6.0	6.3	6.3	5.9	5.7	6.0	6.3	6.3	5.7	6.0
HOUNDOG V (ISI-AFE)	5.5	5.6	5.8	5.8	6.1	6.2	5.9	5.9	6.1	6.3	6.3	6.0	6.0
SOUTHERN CHOICE (MB-25-92)	5.4	5.6	6.0	6.0	6.1	6.2	5.9	5.8	6.0	6.2	6.2	5.9	6.0
CROSSFIRE II (PICK 90-12)	5.4	5.8	6.0	5.8	6.0	6.2	5.9	5.8	6.1	6.3	6.1	6.0	6.0
COYOTE (ZPS-ML)	5.4	5.5	5.6	5.8	6.2	6.2	5.8	5.7	6.0	6.3	6.2	6.0	6.0
PST-5DX W/ENDOPHYTE	5.5	5.7	5.8	5.8	6.0	6.1	5.8	5.8	6.1	6.2	6.1	6.1	6.0
FINELAWN PETITE	5.4	5.6	5.6	5.9	6.2	6.2	5.7	5.7	6.0	6.2	6.1	5.9	6.0
PIXIE	5.4	5.7	5.7	5.8	6.1	6.2	5.8	5.7	5.9	6.2	6.1	6.1	5.9
REBEL, JR.	5.4	5.7	5.7	5.9	6.1	6.1	5.8	5.7	5.9	6.1	6.1	5.9	5.9
LANCER	5.4	5.7	6.0	6.0	6.1	6.1	5.7	5.6	5.9	6.1	6.2	6.0	5.9
CORONADO (PST-RDG)	5.4	5.6	5.7	5.9	6.1	6.1	5.8	5.6	5.9	6.2	6.2	6.0	5.9
ATF-007	5.4	5.6	5.7	5.8	6.1	6.1	5.8	5.6	5.9	6.2	6.2	5.9	5.9
BARLEXAS (LEXUS)	5.2	5.4	5.5	5.8	6.1	6.2	5.7	5.6	5.9	6.2	6.1	5.8	5.9
RENEGADE (MB-22-92)	5.4	5.7	5.6	5.7	6.0	6.1	5.7	5.7	5.9	6.1	6.0	5.8	5.9
MARKSMAN (MB-23-92)	5.3	5.6	5.8	5.7	6.0	6.0	5.8	5.6	5.9	6.1	5.9	5.7	5.9
EMPRESS (ZPS-E2)	5.3	5.8	5.9	5.8	6.0	6.0	5.7	5.6	5.9	6.1	6.0	5.9	5.9
PYRAMID (SIU-1)	5.5	5.7	5.9	5.7	5.8	6.0	5.8	5.7	5.9	6.1	6.1	5.8	5.8
TOMAHAWK	5.3	5.6	5.7	5.8	6.0	6.0	5.7	5.6	5.8	6.0	6.1	5.8	5.8
DUSTER (ITR-90-2)	5.2	5.5	5.5	5.8	6.1	6.1	5.7	5.6	5.8	6.1	6.0	5.8	5.8
GRANDE (SR 8400)	5.4	5.6	5.8	5.7	5.9	6.0	5.7	5.7	5.9	6.1	6.0	5.8	5.8
APACHE II (PST-59D)	5.4	5.6	5.7	5.8	5.9	6.0	5.7	5.7	5.8	6.1	6.1	5.7	5.8
MICRO DD	5.4	5.6	5.5	5.8	6.1	6.0	5.7	5.6	5.8	6.0	6.1	5.9	5.8
SUN PRO (PICK 90-10)	5.3	5.5	5.5	5.7	6.0	6.1	5.7	5.6	5.8	6.1	6.0	5.7	5.8
EST-5PM	5.4	5.7	5.7	5.7	5.9	6.0	5.6	5.6	5.9	6.1	6.1	5.8	5.8
GAZELLE (ZPS-VL)	5.1	5.4	5.4	5.8	6.1	6.0	5.6	5.5	5.8	6.1	6.0	5.8	5.8
FA-19	5.3	5.7	5.8	5.6	5.9	5.9	5.7	5.6	5.8	6.1	6.0	5.8	5.8
SR 8210	5.3	5.5	5.6	5.6	6.0	6.0	5.6	5.6	5.8	6.1	6.0	5.8	5.8
DEBUTANTE (WXI-208-2)	5.4	5.6	5.6	5.6	5.9	6.0	5.7	5.6	5.8	6.0	5.9	5.9	5.8
STARLET (MB-24-92)	5.3	5.6	5.5	5.7	6.0	6.0	5.6	5.6	5.8	6.0	6.0	5.8	5.8
EST-5LX	5.2	5.4	5.4	5.7	6.1	6.1	5.7	5.5	5.7	6.0	5.9	5.6	5.8
REBEL 3D	5.3	5.6	5.6	5.7	5.9	6.0	5.7	5.6	5.7	5.9	6.0	5.8	5.8
PALISADES (OFI-TF-601)	5.3	5.6	5.6	5.6	5.9	5.9	5.6	5.6	5.8	6.0	6.0	5.7	5.8
SR 8200	5.5	5.6	5.7	5.7	5.8	5.9	5.6	5.6	5.8	6.0	6.0	5.9	5.8
GUARDIAN	5.3	5.8	5.9	5.8	5.8	5.9	5.6	5.5	5.7	6.0	5.9	5.8	5.8
NINJA (ATF-006)	5.1	5.5	5.6	5.6	6.0	6.1	5.7	5.4	5.6	6.0	6.0	5.7	5.8
SILVERADO	5.2	5.7	5.7	5.7	5.9	6.0	5.7	5.5	5.7	5.9	5.9	5.7	5.7
VIRTUE	5.4	5.6	5.7	5.6	5.9	5.9	5.6	5.5	5.7	6.0	5.9	5.7	5.7
PST-5VC	5.2	5.6	5.6	5.7	5.9	5.9	5.5	5.5	5.8	6.2	6.0	5.8	5.7
MONTAUK	5.4	5.6	5.7	5.7	5.8	5.9	5.7	5.5	5.7	5.9	5.9	5.8	5.7
SHORTSTOP II (PICK 90-06)	5.2	5.5	5.6	5.6	5.9	6.0	5.6	5.5	5.7	6.0	5.9	5.7	5.7
DUKE	5.4	5.7	5.6	5.6	5.8	5.9	5.6	5.6	5.7	6.0	6.0	5.8	5.7
SAFARI	5.6	5.7	5.9	5.6	5.7	5.8	5.7	5.6	5.8	6.0	6.0	5.9	5.7
TITAN 2 (SR 8010)	5.3	5.7	5.8	5.7	5.8	5.8	5.6	5.6	5.8	5.9	5.9	5.7	5.7
ADOBE (SFL)	5.3	5.6	5.7	5.7	5.8	6.0	5.6	5.4	5.7	6.0	6.0	5.9	5.7
LEPRECHAUN	5.2	5.6	5.9	5.7	5.9	6.0	5.7	5.4	5.6	5.9	5.8	5.6	5.7
CHIEFTAIN II (PICK CII)	5.1	5.5	5.7	5.7	5.9	5.9	5.6	5.4	5.6	5.8	6.0	5.5	5.7
COCHISE	5.2	5.5	5.9	5.8	5.9	5.9	5.6	5.4	5.6	5.8	5.9	5.8	5.7

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT FORTY-SEVEN LOCATIONS IN THE U.S. AND CANADA
1993-1995 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
VEGAS	5.1	5.4	5.8	5.7	6.0	6.0	5.6	5.4	5.6	5.8	5.8	5.6	5.7
AVALON (ISI-ATK)	5.3	5.8	5.8	5.6	5.6	5.9	5.7	5.6	5.7	5.9	5.9	5.7	5.7
BONSAI PLUS	5.4	5.5	5.6	5.7	5.8	5.9	5.6	5.5	5.6	5.9	6.1	5.8	5.7
BAR FA 0855	5.4	5.7	5.7	5.5	5.7	5.9	5.6	5.5	5.7	6.0	5.9	5.7	5.7
TRAILBLAZER II	5.3	5.6	5.7	5.6	5.8	5.9	5.6	5.5	5.7	5.9	5.9	5.8	5.7
ELDORADO	5.3	5.6	5.8	5.8	5.8	5.9	5.5	5.5	5.7	5.9	6.0	5.8	5.7
PRO-9178	5.3	5.7	5.8	5.7	5.9	5.9	5.5	5.4	5.7	5.9	5.9	5.7	5.7
ISI-CRC	5.4	5.7	5.7	5.6	5.6	5.9	5.7	5.5	5.7	5.9	5.8	5.7	5.7
M-2	5.4	5.6	5.7	5.7	5.8	5.9	5.6	5.4	5.6	5.9	5.9	5.9	5.7
SR 8300	5.2	5.8	5.7	5.6	5.9	5.9	5.6	5.5	5.6	5.9	5.8	5.7	5.7
ALAMO (J-1048)	5.3	5.7	5.6	5.6	5.7	5.9	5.6	5.5	5.7	5.9	5.9	5.8	5.7
FA-22	5.1	5.6	5.7	5.6	5.7	5.8	5.6	5.5	5.7	6.0	5.8	5.7	5.7
MIRAGE (KWS-DSL)	5.2	5.5	5.6	5.6	5.8	5.8	5.7	5.4	5.5	5.9	5.8	5.7	5.7
HERITAGE (PSTF-401)	5.4	5.6	5.7	5.6	5.6	5.8	5.6	5.6	5.7	5.9	5.9	5.8	5.7
BAR FA 2AB	5.3	5.6	5.5	5.6	5.7	5.8	5.6	5.4	5.7	6.0	6.0	5.7	5.7
403	5.2	5.7	5.8	5.7	5.7	5.8	5.6	5.4	5.6	5.8	5.9	5.7	5.7
AVANTI	5.2	5.5	5.6	5.5	5.6	5.8	5.6	5.5	5.7	5.9	5.9	5.7	5.6
SHENANDOAH	5.5	5.6	5.7	5.5	5.7	5.8	5.5	5.5	5.7	5.8	5.8	5.7	5.6
BONANZA II	5.3	5.8	5.9	5.7	5.7	5.7	5.4	5.4	5.6	5.9	5.9	5.8	5.6
WILDCAT (PSTF-200)	5.3	5.6	5.9	5.6	5.5	5.7	5.6	5.5	5.7	5.8	5.9	5.8	5.6
GENERIC (CAFA 101)	5.4	5.7	5.7	5.6	5.7	5.8	5.6	5.5	5.6	5.7	5.8	5.7	5.6
PSTF-LF	5.5	5.7	5.7	5.6	5.5	5.7	5.5	5.5	5.6	5.8	5.9	5.8	5.6
KITTYHAWK	5.3	5.7	5.7	5.5	5.7	5.8	5.5	5.4	5.5	5.8	5.9	5.7	5.6
AUSTIN	5.3	5.8	5.7	5.5	5.6	5.7	5.5	5.4	5.5	5.8	5.8	5.6	5.6
FINELAWN 88	5.3	5.7	5.7	5.5	5.7	5.7	5.5	5.3	5.5	5.7	5.8	5.7	5.6
BONSAI	5.0	5.2	5.1	5.4	5.8	5.9	5.4	5.2	5.6	5.8	5.8	5.6	5.5
PST-5STB	5.3	5.6	5.7	5.5	5.7	5.9	5.3	5.2	5.4	5.8	5.8	5.6	5.5
MONARCH	5.3	5.6	5.6	5.5	5.6	5.8	5.5	5.3	5.4	5.8	5.7	5.6	5.5
AZTEC	5.3	5.5	5.4	5.4	5.5	5.6	5.4	5.4	5.6	6.0	5.9	5.6	5.5
OLYMPIC II	5.5	5.6	5.6	5.5	5.5	5.6	5.5	5.4	5.5	5.7	5.8	5.8	5.5
CAS-MA21	5.2	5.4	5.6	5.5	5.6	5.7	5.4	5.3	5.5	5.8	5.8	5.6	5.5
BAR FA 214	5.3	5.7	5.6	5.5	5.6	5.7	5.3	5.3	5.5	5.8	5.7	5.6	5.5
CAS-LA20	5.3	5.6	5.5	5.4	5.5	5.6	5.4	5.3	5.5	5.8	5.7	5.6	5.5
PHOENIX	5.3	5.5	5.6	5.3	5.4	5.6	5.4	5.4	5.5	5.7	5.7	5.6	5.5
ASTRO 2000	5.4	5.5	5.6	5.3	5.4	5.5	5.4	5.4	5.5	5.6	5.7	5.6	5.4
BONANZA	5.2	5.6	5.6	5.5	5.5	5.5	5.3	5.3	5.5	5.7	5.7	5.6	5.4
ARID	5.3	5.5	5.5	5.1	5.1	5.4	5.2	5.1	5.3	5.5	5.5	5.4	5.3
TWILIGHT	4.9	5.2	5.1	5.2	5.4	5.5	5.2	4.9	5.1	5.3	5.6	5.3	5.2
FALCON	5.3	5.5	5.5	5.0	5.0	5.2	5.1	4.9	5.0	5.2	5.4	5.4	5.1
ANTHEM	5.3	5.6	5.3	4.9	4.8	5.1	4.9	4.9	5.0	5.2	5.2	5.3	5.0
KY-31 NO ENDO.	4.7	4.8	4.9	4.4	4.4	4.4	4.4	4.2	4.3	4.4	4.6	4.6	4.4
KY-31 W/ENDO.	4.5	4.8	4.8	4.3	4.3	4.4	4.4	4.3	4.3	4.4	4.5	4.6	4.4
LSD VALUE	0.6	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	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 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT FORTY-SEVEN LOCATIONS IN THE U.S. AND CANADA
 1993-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	NY1	PA1	PA2	RI1	SD1	SK1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	WI1	MEAN
COCHISE	57.0	58.5	75.0	57.0	24.0	63.0	58.0	62.0	49.0	31.0	71.0	89.0	50.0	9.5	57.5	38.0	77.0	43.5	20.0	90.0	74.0	27.0	51
PRO-9178	35.5	70.0	27.0	74.0	63.0	51.0	35.0	31.5	66.0	71.0	77.0	44.5	53.0	33.0	49.0	19.0	60.5	63.0	54.5	80.5	33.0	39.0	52
LEPRECHAUN	56.0	26.0	21.5	23.0	39.0	30.0	82.5	76.0	21.0	66.0	57.0	11.0	28.0	79.0	31.5	34.0	73.0	46.0	88.0	88.5	70.0	57.5	53
VEGAS	73.0	60.0	18.0	42.0	22.0	32.0	59.0	6.0	54.5	85.0	38.5	74.0	11.0	45.0	53.5	72.0	43.5	61.0	67.0	80.5	30.5	82.0	54
ISI-CRC	22.5	17.0	50.5	77.0	69.0	75.0	73.0	11.0	30.0	13.0	74.5	48.0	70.5	1.0	66.5	58.5	60.5	31.0	70.0	9.0	84.5	7.5	55
BAR FA 0855	39.5	65.0	19.0	11.0	59.0	64.0	31.0	17.0	10.5	17.0	42.0	12.0	85.5	26.0	74.0	62.0	76.0	87.0	67.0	21.0	57.5	73.5	56
TRAILBLAZER II	62.0	30.0	39.0	38.0	46.0	25.0	45.5	65.5	84.0	56.0	81.0	65.0	64.5	51.0	22.5	76.0	73.0	41.0	4.0	30.0	49.5	13.0	57
FA-22	53.0	73.0	52.0	24.0	73.0	58.0	38.0	19.0	8.0	41.0	17.0	84.0	28.0	2.0	53.5	46.0	56.5	52.0	33.0	74.0	65.0	57.5	58
BONSAI PLUS	55.0	47.0	13.0	51.0	62.0	57.0	49.0	84.5	80.0	75.0	35.0	77.0	64.5	32.0	69.0	57.0	81.0	58.0	40.5	4.0	19.0	47.5	59
HERITAGE (PSTF-401)	27.5	69.0	68.0	45.0	70.0	59.0	9.0	24.0	82.0	10.0	59.5	73.0	28.0	43.0	76.0	45.0	64.0	72.0	31.5	25.0	59.0	39.0	60
ALAMO (J-1048)	43.5	43.0	31.5	71.5	65.0	48.0	6.0	76.0	63.5	92.0	23.5	31.0	11.0	85.0	59.5	47.0	22.5	40.0	40.5	35.0	68.0	47.5	61
SR 8300	48.5	18.0	30.0	22.0	80.0	71.0	22.0	80.5	18.0	39.0	72.5	27.0	56.0	9.5	62.0	43.5	25.5	43.5	57.0	41.0	51.0	57.5	62
M-2	19.5	57.0	87.0	76.0	67.0	50.0	53.0	14.5	76.5	20.5	27.5	24.5	76.5	70.0	77.0	71.0	64.0	36.0	14.0	33.0	25.5	82.0	63
SHENANDOAH	46.5	34.0	78.0	14.5	64.0	79.0	24.5	26.5	57.5	20.5	84.0	47.0	67.0	34.0	64.0	58.5	37.0	48.5	28.5	33.0	46.0	73.5	64
BONANZA II	32.5	90.0	66.0	53.0	81.0	67.0	5.0	31.5	81.0	79.0	45.5	81.5	28.0	16.0	48.0	40.0	46.5	39.0	38.0	55.5	74.0	66.0	65
BAR FA 2AB	73.0	80.0	16.0	10.0	44.0	58.0	60.0	65.5	71.0	70.0	36.0	87.5	82.5	13.0	34.5	28.5	50.0	82.0	47.5	88.5	34.0	27.0	66
MIRAGE (KWS-DSL) 403	85.0	54.5	74.0	30.5	50.0	45.0	26.0	69.0	67.0	46.0	19.0	13.0	14.5	71.0	53.5	81.0	68.5	83.0	81.0	66.5	57.5	57.5	67
WILDCAT (PSTF-200)	12.0	89.0	84.0	54.0	55.0	70.0	4.0	1.0	65.0	14.0	9.0	54.5	85.5	19.0	78.5	69.0	79.5	59.0	18.0	76.0	80.0	73.5	69
AVANTI	34.0	81.0	61.0	27.0	58.0	68.0	77.0	65.5	34.0	24.0	14.5	35.5	59.5	89.0	66.5	35.0	52.5	85.0	26.0	49.5	52.0	66.0	70
PSTF-LF	21.0	82.0	80.0	37.0	79.0	72.0	21.0	10.0	86.0	27.0	68.5	62.5	59.5	24.0	70.5	87.0	68.5	69.0	51.5	11.5	78.0	79.5	71
GENERIC (CAFA 101)	22.5	66.0	57.0	66.0	72.0	66.0	65.0	22.0	38.0	4.0	64.5	17.0	56.0	25.0	78.5	80.0	34.5	65.0	5.0	27.0	72.0	82.0	72
KITTYHAWK	15.0	83.5	86.0	86.0	82.0	81.0	14.0	31.5	57.5	25.0	50.0	46.0	88.0	23.0	74.0	60.0	66.0	60.0	15.0	59.0	37.0	73.5	73
AUSTIN	39.5	75.0	76.0	84.0	66.0	65.0	18.5	8.5	71.0	40.0	80.0	50.5	56.0	39.0	82.0	79.0	62.0	74.0	16.0	43.0	84.5	79.5	74
PST-5STB	88.0	28.5	24.0	30.5	37.0	83.0	32.0	18.0	75.0	60.0	85.0	69.0	38.0	50.0	70.5	73.5	86.0	71.0	67.0	60.5	61.5	7.5	75
OLYMPIC II	32.5	45.0	77.0	56.0	85.0	84.0	55.0	3.0	68.5	2.0	48.0	27.0	75.0	22.0	84.0	88.0	79.5	68.0	1.0	11.5	54.0	73.5	76
FINELAWN 88	58.5	67.0	58.0	80.0	83.0	73.0	10.0	83.0	54.5	34.5	21.5	35.5	76.5	73.0	81.0	68.0	83.5	78.0	23.0	39.0	87.0	73.5	77
AZTEC	84.0	86.0	70.0	85.0	57.0	62.0	63.0	54.5	44.0	47.0	11.0	24.5	43.0	74.0	37.5	22.0	55.0	70.0	63.0	55.5	74.0	66.0	78
MONARCH	9.0	78.0	85.0	88.0	76.5	76.0	39.0	58.0	56.0	43.0	86.0	41.0	78.0	38.0	68.0	75.0	48.0	76.0	47.5	63.0	54.0	66.0	79
BAR FA 214	73.0	35.0	72.0	63.5	76.5	69.0	76.0	43.5	76.5	48.0	88.0	75.0	22.0	7.0	65.0	54.5	32.0	81.0	83.0	82.0	81.0	84.5	80
BONSAI	86.0	19.0	56.0	48.0	48.0	82.0	87.0	91.0	85.0	91.0	82.0	20.5	82.5	8.0	45.0	42.0	87.0	32.0	82.0	92.0	7.0	87.0	81
PHOENIX	26.0	68.0	89.0	82.0	75.0	85.0	89.0	8.5	71.0	5.0	68.5	56.5	89.0	11.0	85.0	85.0	73.0	51.0	9.0	46.5	76.0	87.0	82
CAS-MA21	71.0	87.0	71.0	68.0	84.0	74.0	29.0	92.0	36.0	87.0	70.0	68.0	69.0	47.5	74.0	78.0	67.0	84.0	39.0	23.5	63.0	47.5	83
ASTRO 2000	46.5	56.0	83.0	39.0	78.0	86.0	68.0	2.0	74.0	12.0	74.5	61.0	79.5	88.0	86.0	84.0	85.0	80.0	12.0	55.5	83.0	87.0	84
BONANZA	66.0	83.5	82.0	63.5	86.0	78.0	12.0	12.5	38.0	76.0	87.0	81.5	33.5	52.0	80.0	65.5	70.5	79.0	6.5	66.5	77.0	84.5	85
CAS-LA20	42.0	74.0	50.5	59.0	74.0	80.0	88.0	25.0	88.0	78.0	90.0	70.5	87.0	83.0	54.5	82.0	73.0	37.0	69.5	61.5	57.5	86	
ARID	61.0	71.0	59.5	55.0	88.0	88.0	81.0	41.0	83.0	8.0	76.0	17.0	81.0	18.0	88.0	89.0	83.5	86.0	28.5	49.5	86.0	89.0	87
TWILIGHT	91.5	61.0	69.0	91.0	87.0	87.0	18.5	87.0	92.0	69.0	3.5	92.0	85.5	61.5	87.0	83.0	90.0	89.0	80.0	66.5	90.0	19.0	88
FALCON	54.0	88.0	79.0	87.0	89.0	89.0	30.0	61.0	87.0	22.0	90.0	87.5	62.0	76.0	89.0	86.0	88.0	90.0	77.0	23.5	88.0	90.0	89
ANTHEM	83.0	85.0	90.0	73.0	90.0	90.0	71.0	35.5	89.0	6.0	89.0	91.0	91.0	75.0	90.0	90.0	89.0	88.0	34.0	78.0	89.0	73.5	90
KY-31 NO ENDO.	91.5	91.0	91.0	92.0	92.0	92.0	88.0	68.0	90.0	7.0	92.0	83.0	90.0	91.0	92.0	92.0	91.5	92.0	10.0	85.0	91.0	91.0	91
KY-31 W/ENDO.	89.0	92.0	92.0	90.0	91.0	91.0	92.0	22.0	91.0	3.0	91.0	86.0	92.0	90.0	91.0	91.0	91.5	91.0	6.5	91.0	92.0	92.0	92

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 4.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
FOR EACH YEAR IN THE U.S. AND CANADA
1993-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					1/				
NAME	1993	1994	1995	1993-95	NAME	1993	1994	1995	1993-95
JAGUAR 3 (ZPS-J3)	5.95	6.22	6.11	6.04	CHIEFTAIN II (PICK CII)	5.64	5.81	5.65	5.66
FALCON II (MB-21-92)	5.83	6.12	6.09	5.96	ADOBE (SFL)	5.54	5.81	5.81	5.66
HOUNDDOG V (ISI-AFE)	5.78	6.12	6.11	5.95	SHORTSTOP II (PICK 90-06)	5.59	5.78	5.83	5.66
GENESIS (GEN-91)	5.96	6.09	5.97	5.95	COCHISE	5.62	5.78	5.72	5.65
ISI-AFA	5.89	6.12	6.09	5.94	PRO-9178	5.60	5.75	5.69	5.65
SOUTHERN CHOICE (MB-25-92)	5.88	6.09	6.02	5.93	LEPRECHAUN	5.59	5.76	5.80	5.65
CROSSFIRE II (PICK 90-12)	5.81	6.08	6.04	5.91	VEGAS	5.54	5.78	5.74	5.65
COYOTE (ZPS-ML)	5.79	6.05	6.00	5.89	ISI-CRC	5.63	5.74	5.66	5.65
FINELAWN PETITE	5.87	6.01	5.99	5.89	BAR FA 0855	5.57	5.78	5.71	5.64
PIXIE	5.88	5.99	5.93	5.89	TRAILBLAZER II	5.57	5.78	5.70	5.64
PST-5DX W/ENDOPHYTE	5.76	6.03	6.06	5.88	FA-22	5.49	5.77	5.76	5.64
REBEL, JR.	5.86	5.98	5.96	5.86	BONSAI PLUS	5.53	5.80	5.76	5.63
LANCER	5.80	5.98	5.95	5.84	HERITAGE (PSTF-401)	5.53	5.76	5.70	5.63
ATF-007	5.63	6.02	6.02	5.83	ALAMO (J-1048)	5.47	5.77	5.79	5.63
CORONADO (PST-RDG)	5.68	5.97	6.04	5.82	SR 8300	5.56	5.76	5.73	5.63
MARKSMAN (MB-23-92)	5.73	5.94	5.88	5.80	M-2	5.59	5.73	5.69	5.63
RENEGADE (MB-22-92)	5.68	5.98	5.89	5.80	SHENANDOAH	5.54	5.73	5.65	5.61
TOMAHAWK	5.73	5.92	5.85	5.79	BONANZA II	5.50	5.74	5.63	5.60
PYRAMID (SIU-1)	5.73	5.90	5.88	5.79	BAR FA 2AB	5.47	5.76	5.76	5.60
GRANDE (SR 8400)	5.67	5.91	5.93	5.78	MIRAGE (KWS-DSL)	5.59	5.74	5.65	5.60
BARLEXAS (LEXUS)	5.68	5.95	5.95	5.78	403	5.54	5.72	5.68	5.60
DUSTER (ITR-90-2)	5.67	5.90	5.90	5.77	WILDCAT (PSTF-200)	5.44	5.73	5.64	5.60
EMPRESS (ZPS-E2)	5.65	5.95	5.92	5.76	AVANTI	5.60	5.66	5.66	5.58
MICRO DD	5.66	5.91	5.86	5.76	PSTF-LF	5.49	5.66	5.60	5.57
APACHE II (PST-59D)	5.59	5.93	5.92	5.76	GENERIC (CAFA 101)	5.48	5.70	5.63	5.56
SR 8210	5.65	5.89	5.83	5.76	KITTYHAWK	5.47	5.65	5.59	5.54
PST-5PM	5.50	5.92	5.96	5.74	AUSTIN	5.45	5.65	5.56	5.53
FA-19	5.69	5.84	5.85	5.73	PST-5STB	5.35	5.69	5.57	5.52
SUN PRO (PICK 90-10)	5.66	5.92	5.83	5.73	OLYMPIC II	5.44	5.61	5.52	5.51
DEBUTANTE (WXI-208-2)	5.57	5.91	5.87	5.73	FINELAWN 88	5.42	5.66	5.57	5.50
GAZELLE (ZPS-VL)	5.61	5.88	5.84	5.72	AZTEC	5.44	5.59	5.57	5.49
PALISADES (OFI-TF-601)	5.66	5.84	5.76	5.72	MONARCH	5.39	5.63	5.57	5.48
STARLET (MB-24-92)	5.60	5.87	5.85	5.72	BAR FA 214	5.36	5.58	5.60	5.47
PST-5LX	5.68	5.83	5.79	5.71	BONSAI	5.35	5.63	5.65	5.46
REBEL 3D	5.73	5.83	5.69	5.70	PHOENIX	5.35	5.55	5.52	5.45
MONTAUK	5.63	5.84	5.73	5.70	CAS-MA21	5.33	5.64	5.56	5.45
SR 8200	5.69	5.79	5.78	5.70	ASTRO 2000	5.32	5.56	5.46	5.43
TITAN 2 (SR 8010)	5.60	5.84	5.73	5.70	BONANZA	5.34	5.54	5.44	5.43
GUARDIAN	5.69	5.80	5.76	5.69	CAS-LA20	5.25	5.59	5.56	5.41
DUKE	5.61	5.82	5.76	5.69	ARID	5.27	5.35	5.18	5.25
NINJA (ATF-006)	5.64	5.82	5.78	5.69	TWILIGHT	5.13	5.32	5.21	5.19
VIRTUE	5.56	5.86	5.75	5.69	FALCON	5.13	5.16	5.10	5.11
SILVERADO	5.63	5.84	5.76	5.68	ANTHEM	5.00	5.08	4.94	5.01
PST-5VC	5.60	5.82	5.82	5.68	KY-31 NO ENDO.	4.45	4.42	4.30	4.42
SAFARI	5.63	5.76	5.79	5.67	KY-31 W/ENDO.	4.45	4.33	4.30	4.39
AVALON (ISI-ATK)	5.63	5.76	5.70	5.66					
ELDORADO	5.61	5.78	5.68	5.66	LSD VALUE	0.12	0.12	0.13	0.09

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
FOR EACH YEAR IN THE U.S. AND CANADA
1993-1995 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1993	1994	1995	1993-95	NAME	1993	1994	1995	1993-95
JAGUAR 3 (ZPS-J3)	2	1	1	1	CHIEFTAIN II (PICK CII)	32	44	66	48
FALCON II (MB-21-92)	8	4	3	2	ADOBE (SFL)	62	43	35	49
HOUNDG V (ISI-AFE)	12	2	2	3	SHORTSTOP II (PICK 90-06)	51	50	32	50
GENESIS (GEN-91)	1	6	12	4	COCHISE	40	52	54	51
ISI-AFA	3	3	4	5	PRO-9178	44	62	60	52
SOUTHERN CHOICE (MB-25-92)	4	5	8	6	LEPRECHAUN	49	58	36	53
CROSSFIRE II (PICK 90-12)	9	7	6	7	VEGAS	59	53	50	54
COYOTE (ZPS-ML)	11	8	10	8	ISI-CRC	38	64	64	55
FINELAWN PETITE	6	11	11	9	BAR FA 0855	54	48	55	56
PIXIE	5	12	17	10	TRAILBLAZER II	56	49	57	57
PST-5DX W/ENDOPHYTE	13	9	5	11	FA-22	68	54	48	58
REBEL, JR.	7	14	14	12	BONSAI PLUS	64	46	45	59
LANCER	10	13	16	13	HERITAGE (PSTF-401)	63	56	56	60
ATF-007	35	10	9	14	ALAMO (J-1048)	72	55	37	61
CORONADO (PST-RDG)	21	16	7	15	SR 8300	58	59	53	62
MARKSMAN (MB-23-92)	16	19	23	16	M-2	53	67	61	63
RENEGADE (MB-22-92)	22	15	22	17	SHENANDOAH	61	68	69	64
TOMAHAWK	15	23	29	18	BONANZA II	65	63	71	65
PYRAMID (SIU-1)	14	27	24	19	BAR FA 2AB	71	60	46	66
GRANDE (SR 8400)	26	24	18	20	MIRAGE (KWS-DSL)	52	65	68	67
BARLEXAS (LEXUS)	23	17	15	21	403	60	69	62	68
DUSTER (ITR-90-2)	25	28	21	22	WILDCAT (PSTF-200)	76	66	70	69
EMPRESS (ZPS-E2)	30	18	20	23	AVANTI	48	73	65	70
MICRO DD	27	26	26	24	PSTF-LF	67	72	73	71
APACHE II (PST-59D)	50	20	19	25	GENERIC (CAFA 101)	69	70	72	72
SR 8210	31	29	31	26	KITTYHAWK	70	76	75	73
PST-5PM	66	22	13	27	AUSTIN	73	75	80	74
FA-19	19	34	28	28	PST-5STB	81	71	77	75
SUN PRO (PICK 90-10)	29	21	33	29	OLYMPIC II	74	80	84	76
DEBUTANTE (WXI-208-2)	55	25	25	30	FINELAWN 88	77	74	79	77
GAZELLE (ZPS-VL)	41	30	30	31	AZTEC	75	82	78	78
PALISADES (OFI-TF-601)	28	37	42	32	MONARCH	78	79	76	79
STARLET (MB-24-92)	45	31	27	33	BAR FA 214	79	83	74	80
PST-5LX	24	38	39	34	BONSAI	82	78	67	81
REBEL 3D	17	39	59	35	PHOENIX	80	85	83	82
MONTAUK	39	36	51	36	CAS-MA21	84	77	82	83
SR 8200	20	47	40	37	ASTRO 2000	85	84	85	84
TITAN 2 (SR 8010)	46	33	52	38	BONANZA	83	86	86	85
GUARDIAN	18	45	47	39	CAS-LA20	87	81	81	86
DUKE	43	42	43	40	ARID	86	87	88	87
NINJA (ATF-006)	33	40	41	41	TWILIGHT	88	88	87	88
VIRTUE	57	32	49	42	FALCON	89	89	89	89
SILVERADO	36	35	44	43	ANTHEM	90	90	90	90
PST-5VC	47	41	34	44	KY-31 NO ENDO.	92	91	92	91
SAFARI	37	57	38	45	KY-31 W/ENDO.	91	92	91	92
AVALON (ISI-ATK)	34	61	58	46					
ELDORADO	42	51	63	47					

- 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 4.
- 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 6.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN																				1/
	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MO1	MO2	MO3	
TWILIGHT	6.9	8.3	8.3	7.7	6.5	7.2	7.7	7.0	3.8	8.1	8.7	6.3	7.6	8.0	9.0	5.0	7.0	9.0	7.6	7.3	6.0
GENESIS (GEN-91)	6.4	8.3	8.7	7.8	6.3	7.3	7.7	6.0	4.7	7.9	8.0	6.7	7.3	8.3	9.0	6.3	6.3	8.3	7.8	7.1	7.0
COYOTE (ZPS-ML)	6.9	8.8	7.3	7.8	6.7	7.7	7.0	6.3	4.8	8.3	8.3	7.0	7.7	8.0	9.0	5.3	6.7	8.0	7.2	5.8	8.0
BARLEXAS (LEXUS)	6.7	8.7	9.0	7.7	6.2	7.4	7.3	6.3	4.3	8.1	8.0	6.3	7.7	8.3	9.0	5.8	6.3	7.7	7.6	6.8	6.3
CORONADO (PST-RDG)	7.0	8.2	8.0	7.5	6.0	7.3	7.3	6.7	6.2	8.1	8.2	7.0	7.2	8.0	9.0	5.5	6.0	8.3	7.6	6.6	5.3
GAZELLE (ZPS-VL)	7.1	8.7	8.0	8.0	6.5	7.3	7.3	6.3	2.8	7.9	8.0	6.7	6.9	8.0	8.3	5.7	6.7	7.7	7.4	7.2	7.3
FINELAWN PETITE	6.9	8.3	7.0	7.8	6.3	7.3	7.3	6.7	6.3	7.3	7.3	6.7	7.7	7.7	9.0	6.0	6.0	7.7	7.2	6.9	6.7
SUN PRO (PICK 90-10)	7.1	8.2	7.3	7.5	6.3	7.3	7.0	5.8	5.8	7.2	8.3	6.7	7.6	7.7	9.0	5.7	6.0	7.7	7.3	6.1	6.0
SHORTSTOP II (PICK 90-06)	6.9	8.2	7.0	7.3	6.5	7.3	7.0	6.3	6.3	7.4	7.3	6.3	7.3	7.7	8.7	5.7	6.0	7.7	7.4	6.6	7.0
CROSSFIRE II (PICK 90-12)	7.1	8.0	7.3	7.5	6.5	7.3	7.0	6.7	6.5	7.6	6.8	6.7	6.8	7.3	8.7	5.3	6.0	8.0	7.7	6.8	6.3
SOUTHERN CHOICE (MB-25-92)	6.8	7.8	7.3	7.3	6.0	7.3	7.0	6.8	6.2	7.8	8.5	6.7	7.3	7.7	8.0	5.5	6.0	7.7	7.4	6.1	5.3
LANCER	6.7	8.3	7.7	7.7	6.3	7.3	7.0	6.5	6.3	7.6	7.8	7.0	7.2	7.3	8.0	5.0	6.3	7.7	7.1	7.1	5.7
ISI-AFA	7.1	7.5	7.0	7.3	6.3	7.4	7.3	6.8	6.2	7.4	7.0	7.3	7.1	7.0	8.0	5.7	6.3	8.0	7.6	7.2	6.0
DUSTER (ITR-90-2)	7.2	7.8	7.3	7.5	6.7	7.3	7.3	6.0	4.7	7.4	6.8	6.7	7.1	8.0	8.0	5.8	6.0	7.7	7.3	7.1	6.7
FALCON II (MB-21-92)	6.8	7.8	6.0	7.7	6.2	7.6	6.7	6.5	6.0	7.6	7.3	6.7	7.0	7.3	8.3	6.2	6.0	8.0	7.4	6.4	8.0
ATF-007	7.0	8.0	7.0	7.3	6.3	7.3	7.3	6.5	5.8	7.3	7.0	7.0	7.6	7.0	8.7	4.8	6.0	8.0	7.2	6.8	6.7
REBEL 3D	6.7	7.8	7.7	7.7	6.3	7.2	7.0	6.5	5.8	7.1	7.5	6.3	7.6	7.7	8.7	5.0	6.0	7.7	7.3	5.9	6.3
APACHE II (PST-59D)	7.0	8.2	7.3	8.0	6.3	7.4	7.0	6.3	6.2	7.8	7.8	6.0	7.0	7.7	8.3	5.3	6.3	7.7	7.3	6.9	5.3
NINJA (ATF-006)	6.7	7.8	7.3	8.0	6.2	7.4	7.0	6.2	6.2	7.3	7.8	6.7	6.4	7.3	8.7	5.3	6.0	8.0	7.1	7.2	6.3
PIXIE	7.0	7.8	6.0	7.8	6.2	7.4	7.0	6.3	6.2	7.0	7.3	6.3	7.1	7.3	8.7	5.5	6.7	7.3	7.2	6.0	7.0
RENEGADE (MB-22-92)	7.0	7.2	8.0	7.8	6.3	7.3	7.0	6.8	6.0	7.3	7.3	6.3	7.3	7.7	8.7	5.2	6.3	8.0	7.1	6.7	6.0
TOMAHAWK	7.0	7.5	8.7	7.7	6.7	7.4	7.0	6.2	5.2	7.9	7.0	6.7	7.2	7.3	8.0	5.3	6.7	7.7	7.0	5.8	6.7
BONSAI	6.9	8.0	7.3	7.3	6.0	7.4	7.3	6.2	4.5	7.0	7.5	6.0	6.9	8.3	8.7	5.5	6.0	7.7	7.4	6.3	7.3
PST-5LX	6.8	7.3	6.7	7.8	6.3	7.2	7.0	6.8	4.8	7.4	8.2	6.3	7.2	8.0	8.7	4.8	6.0	7.7	7.0	5.9	6.7
PST-5STB	6.8	8.2	8.0	7.7	6.5	7.4	7.3	6.5	4.7	7.1	6.3	7.0	6.7	7.3	8.0	5.3	6.7	7.7	7.0	6.1	5.7
CHIEFTAIN II (PICK CII)	6.9	8.2	7.3	7.3	6.3	7.3	7.3	5.3	5.7	7.7	7.3	6.7	7.0	7.3	8.0	5.2	6.0	8.0	6.9	6.7	6.7
BAR FA 2AB	7.0	7.5	8.0	7.3	6.5	7.2	7.3	5.7	5.3	7.6	7.2	6.3	7.2	7.7	8.7	5.8	6.7	8.0	7.0	6.6	6.0
MICRO DD	6.8	7.3	7.0	7.7	6.5	7.3	7.0	6.7	4.5	7.1	7.2	6.3	7.2	7.0	8.3	5.2	6.0	8.0	7.2	6.6	7.3
STARLET (MB-24-92)	6.8	7.7	6.3	7.3	6.2	7.4	7.0	6.7	5.8	7.7	7.7	7.0	6.8	7.7	8.3	5.3	6.0	8.3	7.3	6.2	5.7
HOUNDOG V (ISI-AFE)	7.1	7.8	7.0	7.8	6.5	7.3	7.0	5.8	4.7	7.7	6.7	5.3	7.2	7.3	7.3	5.8	6.3	8.0	7.6	6.1	7.0
EMPRESS (ZPS-E2)	7.4	7.7	8.7	7.3	6.5	7.3	7.3	6.7	4.2	7.0	7.3	6.7	6.6	7.7	7.7	5.0	6.0	8.0	7.1	6.1	5.3
MARKSMAN (MB-23-92)	6.9	7.8	6.7	7.5	6.5	7.3	7.0	6.3	4.2	7.1	7.2	6.3	6.6	7.3	7.3	5.3	6.0	7.3	7.3	6.8	7.7
PST-5PM	7.2	7.5	7.0	7.7	6.2	7.3	7.3	6.2	6.2	7.4	6.7	6.7	6.3	7.3	8.3	5.7	6.0	8.0	7.0	6.6	6.7
VEGAS	6.4	7.8	7.7	7.3	5.3	7.3	7.0	5.7	2.8	7.1	7.8	6.7	6.9	7.0	9.0	4.8	6.0	8.0	7.0	6.7	6.7
BONSAI PLUS	7.0	7.0	6.7	7.3	6.3	7.4	7.0	6.0	6.2	7.6	6.7	6.0	7.0	7.3	8.0	4.7	6.3	7.7	7.2	6.8	7.3
JAGUAR 3 (ZPS-J3)	6.8	7.3	7.0	7.7	6.3	7.4	7.0	5.8	5.3	7.2	6.8	7.0	7.2	7.3	7.3	5.5	6.7	7.7	7.1	6.3	7.3
LEPRECHAUN	7.2	7.3	7.3	7.5	6.0	7.3	7.0	5.8	5.5	7.0	6.8	6.7	7.2	7.0	8.0	4.7	6.0	7.7	6.8	6.4	7.7
VIRTUE	7.0	7.8	6.7	7.7	6.7	7.4	7.0	5.5	2.2	7.4	7.0	6.0	7.2	7.7	8.0	5.7	6.0	8.0	7.1	6.2	7.3
ADOBE (SFL)	7.1	7.7	7.3	7.5	6.0	7.4	7.0	6.2	6.0	7.1	6.8	7.0	7.0	7.0	7.7	4.8	6.0	8.0	7.2	6.1	5.3
REBEL, JR.	6.9	7.7	7.3	7.7	6.5	7.4	7.0	6.2	4.7	7.1	6.7	6.3	6.8	7.7	8.3	5.7	6.0	7.7	7.1	6.7	6.3
TRAILBLAZER II	6.8	6.8	6.0	7.8	6.2	7.4	7.0	6.5	5.5	7.9	6.7	6.3	7.3	7.0	8.3	5.3	6.0	8.0	7.1	5.7	6.3
COCHISE	6.4	7.3	7.0	7.5	6.0	7.3	7.0	6.2	5.7	6.6	6.3	6.7	6.3	7.3	8.0	5.2	6.0	8.3	7.0	6.3	7.0
PST-5VC	7.1	7.0	6.7	7.7	6.0	7.3	7.3	6.5	4.2	7.6	5.8	6.3	7.1	7.0	8.7	5.0	6.0	8.0	7.0	5.6	6.0
403	6.7	7.3	7.7	7.0	6.3	7.4	6.7	5.5	6.2	7.3	6.0	6.0	6.8	6.7	8.0	5.0	6.0	7.7	7.1	6.6	7.0
SILVERADO	6.8	7.3	6.7	7.5	6.3	7.2	7.0	6.3	5.8	7.3	6.7	6.0	6.6	7.3	8.0	4.7	6.0	7.3	7.0	5.4	6.7
DEBUTANTE (WXI-208-2)	7.0	6.5	6.7	7.5	6.3	7.3	7.0	5.5	6.2	7.0	6.0	6.7	7.2	6.7	8.0	5.0	6.0	8.0	7.1	6.1	5.7
PST-5DX W/ENDOPHYTE	6.6	6.7	6.3	7.7	6.3	7.6	7.0	6.5	4.5	7.8	6.5	6.0	6.6	7.0	7.7	5.0	6.0	7.3	7.2	5.9	6.0
SR 8210	7.0	7.5	7.0	7.2	6.3	7.4	7.0	6.3	3.3	6.8	6.0	7.0	7.1	7.3	7.7	4.5	6.3	7.3	6.8	6.1	7.7
SR 8200	6.6	7.2	7.7	7.3	6.7	7.3	7.0	6.2	6.2	7.2	6.7	6.3	7.0	6.3	7.3	4.5	6.3	7.7	6.8	6.3	6.7
MIRAGE (KWS-DSL)	6.7	7.7	6.3	7.3	6.5	7.3	7.0	6.3	4.0	7.2	6.7	6.3	6.8	7.3	8.3	4.7	6.0	7.7	7.1	5.8	6.3

TABLE 6. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MO1	MO2	MO3	MO4
ELDORADO	6.8	7.0	6.0	7.3	6.2	7.3	7.0	6.3	6.2	7.4	7.0	6.0	7.3	7.0	8.0	4.5	6.0	8.0	7.0	5.9	6.3
FA-19	6.8	7.0	6.7	7.5	6.5	7.4	7.0	6.3	4.5	7.0	6.3	6.3	6.9	6.3	7.7	4.8	6.3	8.0	7.0	5.8	6.0
DUKE	6.6	7.7	7.7	7.5	6.2	7.3	7.0	6.5	4.0	6.9	6.3	6.3	6.9	7.0	7.0	5.5	6.0	7.0	7.0	6.1	7.7
ALAMO (J-1048)	6.9	7.5	6.0	7.5	6.2	7.3	7.0	6.2	5.2	7.7	6.2	6.0	6.6	7.0	7.7	5.2	6.0	8.0	6.9	5.9	6.0
PRO-9178	7.4	7.0	6.3	7.3	6.3	7.3	7.0	6.3	4.8	6.9	6.2	6.0	7.0	6.7	8.0	5.2	6.0	7.0	7.2	6.4	5.0
BAR FA 0855	6.9	7.0	6.3	7.5	6.3	7.3	7.0	5.7	5.5	7.4	5.2	6.3	7.2	7.0	7.0	4.8	6.0	8.0	7.0	6.6	8.0
GUARDIAN	6.9	7.5	6.0	7.3	6.2	7.3	7.0	6.2	5.0	6.8	6.7	5.7	6.2	6.7	6.7	5.3	6.0	7.7	7.2	5.7	6.7
PALISADES (OFI-TF-601)	7.1	7.3	6.7	7.5	6.3	7.4	7.0	5.8	5.3	7.1	5.5	6.3	7.0	6.3	7.0	4.8	5.7	7.7	7.2	6.1	6.3
MONTAUK	6.4	7.2	6.0	7.7	6.5	7.3	7.0	5.7	5.5	7.0	5.0	6.3	7.0	6.7	6.7	5.3	6.0	7.3	6.9	6.0	6.0
AVALON (ISI-ATK)	6.4	7.7	6.3	7.3	6.3	7.3	6.7	5.7	4.8	7.0	4.3	6.3	6.7	6.3	6.7	5.3	6.0	8.0	7.0	6.2	6.7
PYRAMID (SIU-1)	6.9	7.5	7.3	7.8	6.2	7.3	7.0	5.5	3.8	6.9	6.3	6.7	7.1	6.3	7.3	5.5	6.0	7.7	6.9	5.9	6.7
CAS-LA20	6.7	6.8	6.3	7.2	6.2	7.3	7.0	6.0	6.2	7.3	5.8	5.7	6.9	7.0	7.3	4.5	6.0	8.0	7.0	6.2	6.3
SAFARI	7.3	6.8	6.0	7.3	6.5	7.3	7.0	6.2	6.3	6.9	4.8	6.3	7.3	6.0	7.7	5.2	6.0	7.3	6.6	6.4	6.3
CAS-MA21	6.8	6.2	6.3	7.7	6.5	7.2	7.0	5.8	6.0	7.0	5.2	6.0	6.8	7.0	6.7	4.7	6.0	8.0	6.7	6.1	5.7
ISI-CRC	6.9	7.3	6.7	7.3	6.2	7.3	7.0	5.3	4.3	7.1	5.0	6.3	7.2	6.7	7.3	4.5	6.3	8.0	7.2	6.3	6.0
BONANZA II	7.1	6.8	6.3	7.5	6.3	7.4	7.0	6.3	5.8	7.2	5.2	6.3	6.1	6.7	7.0	4.7	5.7	7.3	6.8	6.3	6.0
AVANTI	6.6	7.8	6.7	7.3	6.0	7.4	7.3	6.3	3.5	6.6	6.0	6.0	7.1	6.3	7.3	5.2	6.0	7.3	7.0	5.6	6.7
M-2	6.8	6.5	7.0	7.3	6.3	7.2	6.7	6.2	4.3	6.8	5.2	6.3	6.9	7.0	7.3	4.5	6.0	7.7	6.8	5.8	6.3
AZTEC	6.8	8.0	7.0	7.3	6.2	7.3	7.0	6.0	3.8	7.8	1.2	6.7	6.9	6.7	8.0	4.7	6.0	7.7	6.8	6.0	5.7
SHENANDOAH	6.8	6.5	6.3	7.2	6.5	7.2	6.7	5.8	6.0	6.4	5.3	6.0	6.7	6.0	7.0	5.0	6.0	8.0	6.8	6.1	7.7
MONARCH	6.8	6.3	6.7	7.5	6.2	7.3	6.7	5.8	4.3	6.7	5.0	6.3	6.4	7.0	7.7	4.5	6.0	8.0	6.9	5.6	5.3
FINELAWN 88	6.6	7.0	6.3	7.5	5.8	7.3	6.7	6.3	5.2	6.7	5.3	5.3	6.2	6.7	8.3	4.8	6.0	7.3	6.9	6.8	5.7
GRANDE (SR 8400)	6.6	6.7	6.3	7.5	6.3	7.3	7.0	5.3	5.7	6.7	5.5	6.0	6.7	6.7	7.0	4.7	6.0	7.3	7.0	5.9	5.3
KITTYHAWK	7.0	6.7	6.0	7.5	6.0	7.3	7.0	5.8	4.5	6.6	5.3	6.0	7.0	6.3	7.0	5.0	6.0	7.7	6.9	6.1	7.0
SR 8300	6.8	6.3	6.7	7.5	6.3	7.3	6.7	6.0	5.7	6.8	5.8	6.7	6.6	6.7	7.3	4.7	6.3	7.3	6.8	5.9	5.7
AUSTIN	6.9	7.3	6.0	7.3	5.8	7.2	6.7	5.5	4.0	7.0	4.7	6.7	6.9	6.0	7.7	5.0	6.0	7.3	6.8	5.8	6.0
PSTF-LF	7.0	6.7	6.0	7.3	6.3	7.3	7.0	6.2	5.5	7.1	4.5	6.7	6.9	6.7	7.0	5.2	6.0	7.7	6.8	5.3	6.0
FA-22	6.4	6.8	6.7	7.3	6.0	7.3	6.7	6.0	5.0	6.4	5.2	6.7	6.4	6.7	6.7	4.7	6.0	8.0	6.7	5.2	6.0
HERITAGE (PSTF-401)	6.7	7.0	5.7	7.5	6.0	7.1	6.3	5.0	5.7	7.0	4.0	6.7	7.0	6.0	7.0	5.0	6.0	7.0	6.8	5.8	6.7
BONANZA	6.9	6.7	7.0	7.3	6.3	7.0	7.0	6.0	5.8	6.4	4.7	6.0	6.4	6.3	6.3	5.3	6.0	7.0	6.4	5.8	7.0
GENERIC (CAFA 101)	7.0	7.2	6.0	7.0	6.3	7.2	6.7	5.2	5.3	6.6	4.2	6.0	6.0	6.3	7.7	4.7	6.0	7.3	6.6	5.9	6.3
WILDCAT (PSTF-200)	6.6	6.7	6.0	7.3	6.3	7.2	7.0	6.2	4.0	6.9	4.3	6.3	6.7	5.0	6.7	4.7	6.0	7.7	6.3	5.4	6.0
TITAN 2 (SR 8010)	6.4	6.0	6.0	7.2	6.3	7.2	6.3	5.8	5.7	6.2	4.0	6.7	6.3	5.7	6.7	4.5	6.0	7.3	6.7	5.9	6.3
BAR FA 214	6.6	6.3	6.3	7.3	5.8	7.4	6.7	6.0	3.8	5.9	5.2	7.0	6.6	5.3	7.0	4.5	5.7	7.7	6.7	5.2	4.0
ASTRO 2000	6.7	6.8	5.3	7.0	6.3	7.1	6.3	5.7	5.7	6.1	4.0	5.3	6.8	5.7	7.0	5.0	6.0	7.3	6.4	5.4	6.3
OLYMPIC II	7.1	6.5	5.0	7.2	6.0	7.1	6.0	5.0	5.3	6.7	3.3	6.0	6.3	6.0	7.0	4.7	6.0	8.0	6.4	5.7	7.0
PHOENIX	7.1	6.3	5.7	7.0	6.3	7.1	6.3	5.3	5.5	6.6	4.2	6.0	6.3	5.7	6.7	4.5	6.0	7.0	6.4	6.0	6.3
ARID	6.8	5.3	5.0	7.0	6.3	5.8	6.0	5.2	4.5	5.6	2.7	6.0	5.7	4.3	6.0	4.8	6.0	7.3	5.9	5.0	6.7
FALCON	6.8	5.3	5.3	7.0	6.5	6.6	4.3	5.5	2.8	6.0	3.7	5.7	5.6	5.3	6.0	4.2	6.0	7.3	5.2	5.6	6.3
ANTHEM	6.8	5.3	4.3	6.5	6.3	5.6	5.7	4.0	2.8	5.1	2.7	6.3	5.9	4.3	6.0	4.2	6.0	7.0	5.4	5.1	5.7
KY-31 NO ENDO.	6.8	4.8	4.3	6.5	5.8	4.9	5.3	4.0	3.0	4.9	2.0	4.0	4.8	3.3	5.0	4.2	5.7	7.0	4.8	3.8	6.3
KY-31 W/ENDO.	7.1	4.5	4.0	6.5	5.7	4.8	5.3	4.0	3.2	4.4	1.8	4.0	4.3	4.0	4.7	4.5	5.7	6.7	5.0	3.9	6.3
LSD VALUE	1.0	0.9	1.4	0.6	0.7	0.9	0.8	1.2	2.5	0.7	1.3	0.9	0.7	1.0	1.1	1.9	0.5	0.8	0.8	1.1	2.0

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 6. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA8	WA1	WI1	MEAN
TWILIGHT	7.2	5.9	6.1	6.3	7.3	8.6	7.5	8.8	7.0	8.3	7.1	7.5	8.0	7.5	5.2	7.8	7.7	7.6	8.0	7.3
GENESIS (GEN-91)	6.6	6.8	6.3	6.8	6.7	8.0	7.7	7.4	6.6	7.1	6.6	8.3	8.0	6.5	5.8	7.0	7.3	7.8	8.0	7.2
COYOTE (ZPS-ML)	6.6	6.6	6.6	6.4	7.0	8.3	6.8	8.6	6.3	7.7	7.0	7.2	7.7	7.0	5.7	6.2	6.7	7.9	8.3	7.2
BARLEXAS (LEXUS)	6.6	6.6	6.7	6.9	7.0	8.4	6.8	7.6	6.6	7.1	6.9	7.5	8.0	6.3	5.2	6.0	7.3	7.8	8.3	7.1
CORONADO (PST-RDG)	6.4	6.1	6.4	6.6	7.3	8.3	8.0	7.4	7.2	7.0	7.1	7.2	8.0	6.5	4.7	6.7	6.8	7.4	8.3	7.1
GAZELLE (ZPS-VL)	6.4	6.1	6.4	6.0	7.3	8.6	6.5	8.0	6.9	6.6	7.2	7.5	7.8	6.3	5.3	6.2	7.0	8.1	8.3	7.1
FINELAWN PETITE	6.4	6.7	6.9	6.0	6.7	8.0	7.2	7.3	6.2	7.4	7.2	7.5	8.0	6.8	4.8	6.2	6.7	7.6	7.7	7.0
SUN PRO (PICK 90-10)	6.3	7.2	7.0	6.1	8.0	8.6	7.3	7.2	6.8	6.8	6.6	7.0	8.0	6.7	5.0	6.0	6.3	7.3	7.7	7.0
SHORTSTOP II (PICK 90-06)	6.4	6.0	6.4	6.2	7.7	8.2	7.5	7.2	6.4	6.4	6.1	8.0	7.8	6.2	4.2	6.0	6.8	7.4	7.7	6.9
CROSSFIRE II (PICK 90-12)	6.2	6.2	6.4	6.2	6.7	8.0	7.2	6.3	6.6	7.1	6.2	7.2	7.3	6.3	5.7	6.2	6.3	7.4	7.7	6.9
SOUTHERN CHOICE (MB-25-92)	6.3	6.6	6.6	6.4	6.3	7.8	6.8	6.7	6.6	7.2	6.7	7.2	7.8	5.8	5.0	6.2	6.8	7.6	7.7	6.9
LANCER	6.3	6.1	6.6	6.1	6.3	7.4	7.0	7.3	6.3	7.0	6.4	7.2	7.2	6.0	5.2	6.2	6.5	7.4	7.7	6.8
ISI-AFA	6.3	6.3	6.3	6.0	6.7	7.2	7.2	6.7	6.2	6.7	6.6	7.3	7.2	6.0	6.0	6.0	5.8	7.3	8.0	6.8
DUSTER (ITR-90-2)	6.3	6.3	6.3	6.1	7.0	7.4	7.2	6.8	6.3	6.7	6.7	7.5	7.7	6.2	5.0	5.7	6.5	7.6	7.7	6.8
FALCON II (MB-21-92)	6.3	6.2	6.2	6.3	6.3	7.4	7.2	6.6	6.2	6.9	6.1	7.2	7.5	5.8	6.2	6.0	6.3	7.0	7.7	6.8
ATF-007	6.3	6.3	6.2	6.1	6.7	7.4	7.3	6.4	6.6	6.9	6.7	7.5	7.7	6.2	4.5	6.0	6.0	7.7	7.7	6.8
REBEL 3D	6.7	6.4	6.3	6.2	6.0	7.8	7.0	7.3	6.2	6.8	6.6	7.2	7.3	6.0	5.0	6.2	7.3	7.0	7.7	6.8
APACHE II (PST-59D)	6.4	6.1	6.0	6.1	6.7	7.8	6.8	7.1	6.2	6.3	6.3	7.5	7.5	5.7	5.2	6.0	6.7	7.4	7.3	6.8
NINJA (ATF-006)	6.4	5.9	5.9	6.3	6.0	7.0	6.7	6.7	6.3	6.6	6.7	7.0	7.8	6.3	4.2	5.7	6.7	7.9	7.3	6.8
PIXIE	6.4	6.5	6.3	6.3	6.3	7.3	6.5	6.2	6.3	6.9	6.1	7.3	7.5	5.8	5.3	6.0	6.8	7.4	7.3	6.8
RENEGADE (MB-22-92)	6.3	6.0	6.1	5.9	6.0	7.3	6.5	6.8	6.2	6.4	5.9	7.0	7.2	5.3	5.5	6.0	6.3	7.8	8.0	6.8
TOMAHAWK	6.6	5.9	6.0	5.8	6.0	7.1	7.2	6.3	6.6	6.2	6.0	7.2	7.7	6.2	4.8	6.2	5.7	7.4	8.3	6.7
BONSAI	6.3	5.8	6.1	6.2	7.0	8.1	6.5	7.3	6.3	6.3	6.7	7.0	7.5	5.8	4.5	6.0	5.7	7.2	7.3	6.7
PST-5LX	6.4	6.1	5.9	5.9	6.3	7.7	7.5	7.0	6.4	6.2	6.3	7.5	7.7	6.0	4.2	6.2	6.3	7.7	7.0	6.7
PST-5STB	6.4	5.8	6.4	6.3	6.7	6.7	7.0	6.2	5.9	6.8	6.7	7.3	7.8	6.0	4.3	6.8	6.3	7.3	8.0	6.7
CHIEFTAIN II (PICK CII)	6.2	6.7	6.6	6.6	5.7	7.2	7.0	6.2	6.3	7.0	6.0	7.0	7.0	5.7	5.2	6.0	6.5	7.0	7.7	6.7
BAR FA 2AB	6.3	6.0	6.1	6.0	5.3	7.0	7.2	5.8	6.3	6.8	6.4	7.2	7.2	6.0	5.3	6.0	6.0	7.7	7.3	6.7
MICRO DD	6.3	6.3	6.2	6.0	6.0	7.7	6.8	7.1	6.6	7.0	5.9	7.2	7.7	5.8	4.0	6.0	6.7	7.6	7.3	6.7
STARLET (MB-24-92)	6.3	6.2	6.1	6.0	6.7	7.1	6.7	6.6	6.3	6.8	5.9	7.3	7.2	5.7	4.5	6.0	6.7	7.2	7.3	6.7
HOUNDG V (ISI-AFE)	6.4	6.6	6.4	5.8	6.3	7.3	6.8	6.2	6.1	7.0	6.2	7.3	7.0	5.8	5.0	6.0	6.2	7.4	8.0	6.7
EMPRESS (ZPS-E2)	6.2	6.6	6.4	5.9	6.3	7.3	6.7	6.4	6.6	6.6	6.0	7.2	7.3	5.7	4.7	6.0	6.5	7.6	8.0	6.7
MARKSMAN (MB-23-92)	6.3	6.7	6.3	6.2	6.3	7.3	6.3	6.3	6.2	6.9	6.0	7.3	7.5	6.2	5.0	6.0	6.2	7.6	7.7	6.7
PST-5PM	6.4	5.8	6.0	5.9	6.7	7.1	6.2	6.6	6.3	6.3	6.1	7.0	7.5	5.7	4.7	6.2	5.7	7.3	7.3	6.6
VEGAS	6.3	6.0	6.2	6.3	6.7	7.6	6.3	6.9	6.4	6.9	5.9	7.7	7.3	5.8	4.8	6.0	6.2	7.4	7.3	6.6
BONSAI PLUS	6.3	6.3	6.0	5.9	5.7	7.3	7.0	6.9	6.4	7.0	6.3	7.2	7.0	5.5	4.3	6.2	5.5	7.6	7.0	6.6
JAGUAR 3 (ZPS-J3)	6.3	6.0	6.0	5.8	5.7	6.4	7.0	6.0	6.2	7.1	5.7	7.3	7.0	5.5	5.5	6.0	6.0	7.3	7.7	6.6
LEPRECHAUN	6.2	6.6	6.4	5.8	6.0	7.3	7.2	5.9	6.1	6.0	5.6	7.2	7.2	5.3	4.7	6.0	7.2	7.4	7.3	6.6
VIRTUE	6.6	6.0	6.0	6.0	6.3	7.0	6.8	6.1	6.1	6.3	6.3	7.3	7.3	6.3	5.3	6.0	5.5	7.6	7.7	6.6
ADOBE (SFL)	6.3	6.2	6.1	5.8	6.0	6.8	6.8	6.2	6.2	6.9	5.9	7.0	7.2	6.0	4.5	6.0	6.5	7.2	7.0	6.6
REBEL, JR.	6.2	5.8	6.0	5.8	5.7	6.8	6.5	5.9	6.1	6.4	6.0	7.2	7.2	5.7	5.2	6.0	5.7	7.3	7.7	6.6
TRAILBLAZER II	6.4	6.0	6.3	5.7	5.0	6.4	6.5	6.2	6.0	6.1	6.1	7.2	7.0	5.7	5.2	6.0	6.3	7.3	7.3	6.5
COCHISE	6.3	6.1	6.3	6.0	6.0	7.1	7.0	6.0	6.2	6.0	5.9	6.8	6.8	5.8	4.0	6.8	5.7	7.0	7.0	6.5
PST-5VC	6.3	5.7	6.0	5.7	6.0	7.4	6.7	6.0	6.2	6.1	6.3	7.2	7.0	5.7	5.2	5.8	5.8	7.0	7.7	6.5
403	5.9	5.6	6.0	5.7	6.0	6.8	7.0	6.8	6.3	6.7	6.2	7.0	6.8	5.5	4.5	6.2	5.5	6.7	7.0	6.5
SILVERADO	6.3	5.8	5.8	5.8	5.7	7.0	6.5	6.0	6.1	5.8	6.1	7.3	7.0	5.3	5.3	6.0	5.8	7.0	7.7	6.5
DEBUTANTE (WXI-208-2)	6.1	6.0	6.1	5.7	6.0	6.4	6.7	5.9	6.1	6.4	6.0	7.2	6.8	5.3	5.2	5.8	5.7	7.2	8.0	6.5
PST-5DX W/ENDOPHYTE	6.3	6.1	6.1	6.0	6.0	6.9	6.7	5.7	6.1	6.6	6.2	7.0	7.0	5.5	4.7	6.0	5.8	7.2	7.7	6.4
SR 8210	6.2	6.3	6.2	5.6	6.3	6.8	6.8	5.6	6.1	6.0	5.7	7.0	7.0	5.2	3.8	6.0	5.5	7.6	8.0	6.4
SR 8200	6.3	6.0	5.9	5.6	5.0	5.9	6.7	5.3	5.8	6.3	5.9	7.2	6.8	5.5	5.0	6.2	6.2	7.1	7.3	6.4
MIRAGE (KWS-DSL)	6.3	5.8	6.0	5.4	5.7	7.1	7.0	6.7	5.9	6.1	5.8	7.0	6.8	5.7	4.5	5.8	5.5	6.9	7.3	6.4

TABLE 6. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN																			
	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA8	WA1	WI1	MEAN
ELDORADO	6.2	5.8	6.0	5.4	5.3	6.3	6.0	5.3	5.9	6.3	5.8	7.2	7.3	5.7	4.2	6.0	6.3	7.2	7.7	6.4
FA-19	6.3	5.8	5.9	5.8	5.7	6.0	6.3	6.1	6.1	6.6	5.9	7.5	6.8	5.2	4.8	6.0	6.2	7.6	7.0	6.4
DUKE	6.3	6.0	6.1	5.4	5.0	5.8	6.3	6.0	6.1	5.9	6.4	7.3	6.8	5.3	5.0	5.8	5.0	7.1	7.7	6.4
ALAMO (J-1048)	6.2	6.1	6.1	5.7	5.7	6.4	6.8	5.9	5.7	5.8	5.9	7.2	7.0	5.3	4.8	6.0	5.5	7.0	7.7	6.4
PRO-9178	6.3	6.3	6.2	5.7	5.7	6.6	6.2	5.8	6.0	6.0	5.4	7.3	7.0	5.7	4.3	5.7	6.2	7.1	7.3	6.4
BAR FA 0855	6.1	5.9	5.9	5.8	5.0	5.4	6.7	5.3	5.6	6.1	5.4	7.5	6.8	5.3	4.8	6.0	6.2	7.1	7.0	6.4
GUARDIAN	6.2	6.0	5.9	5.7	5.7	6.7	6.3	5.4	6.2	6.1	5.8	7.0	7.0	5.7	5.0	6.0	6.0	7.1	7.7	6.4
PALISADES (OFI-TF-601)	6.2	6.1	6.0	5.3	5.7	6.2	6.8	5.3	6.1	6.2	6.2	7.2	7.0	5.3	4.5	5.7	5.3	7.4	7.0	6.3
MONTAUK	6.3	6.2	6.1	5.4	5.3	6.6	6.8	5.6	6.1	5.9	5.8	7.5	6.8	5.8	4.5	6.0	5.7	7.7	7.3	6.3
AVALON (ISI-ATK)	5.9	6.1	6.3	6.0	6.0	6.0	7.0	5.3	5.8	6.2	6.2	7.0	6.7	5.5	5.0	6.0	5.5	7.1	7.3	6.3
PYRAMID (SIU-1)	6.0	5.7	5.8	5.8	4.3	6.4	6.7	5.6	5.8	6.0	5.7	6.8	6.8	5.5	5.2	6.0	5.7	7.0	6.7	6.3
CAS-LA20	6.2	5.6	5.9	5.8	6.0	6.2	6.2	6.2	6.0	5.9	5.6	5.8	6.8	5.7	4.5	6.0	5.3	7.4	7.0	6.3
SAFARI	5.8	6.1	6.1	5.7	5.7	5.2	6.8	4.8	5.8	6.3	5.7	7.2	6.5	5.5	5.5	6.0	5.2	7.3	7.0	6.3
CAS-MA21	6.3	5.6	5.9	5.8	5.0	6.1	7.0	6.1	6.0	6.1	5.7	7.2	6.7	5.2	4.8	6.0	6.2	7.0	7.3	6.3
ISI-CRC	5.9	6.0	6.1	5.9	5.7	5.8	6.0	5.7	5.8	6.4	6.1	7.3	6.5	5.5	4.3	6.0	5.3	6.8	7.3	6.3
BONANZA II	6.0	6.3	6.0	5.9	5.0	6.0	6.8	5.9	5.8	5.8	5.8	6.7	6.5	4.8	4.7	5.7	5.7	6.9	7.0	6.2
AVANTI	6.0	6.1	6.1	6.1	4.3	5.7	6.2	5.3	5.8	6.1	5.9	7.2	6.2	5.5	4.3	6.3	5.7	7.2	7.0	6.2
M-2	5.9	6.1	5.9	5.6	5.0	6.2	6.3	5.7	5.9	6.1	5.9	7.2	6.3	5.5	4.5	6.0	5.3	7.1	7.7	6.2
AZTEC	6.3	6.0	6.0	5.3	4.7	5.8	6.3	6.0	5.8	6.2	5.9	7.2	6.8	5.3	5.3	5.8	6.2	6.9	7.3	6.2
SHENANDOAH	6.2	5.8	5.8	5.6	4.7	5.6	6.7	5.2	5.4	6.1	5.4	7.3	6.5	5.0	5.7	6.0	5.5	7.1	7.0	6.2
MONARCH	6.1	6.3	6.1	5.4	5.3	6.6	6.7	5.2	6.1	6.0	5.9	7.3	6.5	4.8	4.7	6.0	5.0	7.3	7.0	6.2
FINELAWN 88	6.0	6.3	6.2	5.0	5.3	6.4	6.8	5.3	5.9	6.1	5.4	7.0	6.7	5.5	3.5	6.0	5.2	6.8	6.7	6.2
GRANDE (SR 8400)	5.9	6.2	6.1	5.8	5.3	6.0	6.0	5.6	5.6	6.4	5.7	7.0	6.5	5.0	4.8	5.8	5.0	7.4	7.3	6.2
KITTYHAWK	6.1	6.0	6.1	5.7	4.7	5.3	6.5	6.0	6.1	6.1	5.6	7.0	6.5	5.2	4.0	5.7	5.2	7.0	7.3	6.2
SR 8300	6.1	6.0	5.9	5.0	4.0	6.0	6.8	5.2	6.0	5.7	5.3	7.2	6.7	5.0	4.5	5.7	5.5	7.1	7.0	6.2
AUSTIN	6.1	5.8	6.0	6.0	4.3	5.2	6.3	5.0	6.0	6.0	5.6	6.8	6.8	5.3	4.3	6.0	5.8	7.2	7.3	6.1
PSTF-LF	5.9	5.4	5.7	5.9	4.7	5.7	6.3	4.6	5.8	5.8	5.3	6.8	6.7	5.0	4.0	6.0	5.2	6.8	7.0	6.1
FA-22	6.0	5.8	5.9	5.8	4.3	5.6	6.3	5.7	5.4	5.9	5.2	6.8	6.8	5.2	4.3	5.2	5.5	6.9	7.3	6.1
HERITAGE (PSTF-401)	5.9	6.0	5.9	5.8	5.0	5.6	6.5	5.0	5.9	5.3	5.7	7.0	6.7	4.8	4.7	6.0	5.2	7.0	7.0	6.1
BONANZA	6.0	5.9	6.0	5.2	5.0	4.7	6.5	5.1	5.3	5.8	5.6	6.5	6.2	5.2	4.3	6.0	5.3	7.0	7.0	6.1
GENERIC (CAFA 101)	5.8	6.0	5.9	5.4	5.0	5.4	6.5	5.0	5.1	5.6	5.1	7.0	6.3	4.5	5.0	6.0	5.8	7.2	6.7	6.0
WILDCAT (PSTF-200)	5.7	5.9	5.9	5.9	4.7	5.3	6.5	5.0	5.8	6.6	5.6	7.0	6.3	4.8	4.2	6.0	5.3	6.9	7.0	6.0
TITAN 2 (SR 8010)	5.6	5.8	5.9	5.7	5.0	5.7	6.2	5.0	5.4	5.7	5.3	7.0	6.3	5.0	4.2	6.0	5.2	6.7	7.0	5.9
BAR FA 214	5.6	5.6	5.4	4.9	5.0	5.6	6.5	5.3	5.8	5.6	6.0	7.0	6.0	5.2	4.3	5.8	6.2	6.8	7.0	5.9
ASTRO 2000	5.9	6.0	6.0	5.3	4.3	5.0	6.3	4.4	5.2	6.1	5.0	6.8	6.2	5.0	4.2	6.0	4.3	6.4	6.7	5.8
OLYMPIC II	5.7	6.1	5.9	5.3	4.3	4.3	6.5	4.7	5.8	5.8	5.0	7.2	6.0	4.7	4.0	5.7	4.3	6.7	6.3	5.8
PHOENIX	5.8	5.8	5.7	5.2	4.0	4.4	6.0	4.4	5.1	5.3	5.6	6.8	6.0	4.5	4.5	6.0	4.7	6.7	6.7	5.8
ARID	5.3	5.2	5.7	4.4	3.7	3.6	5.3	3.7	4.9	5.0	4.6	6.8	5.8	4.3	3.5	5.5	4.0	6.4	6.0	5.3
FALCON	5.1	5.2	5.4	4.7	3.3	3.8	5.5	3.9	5.0	5.0	4.2	6.0	5.2	4.7	3.5	5.2	4.2	5.7	6.0	5.2
ANTHEM	4.9	5.1	5.0	4.4	3.0	3.1	5.3	3.3	4.8	4.8	4.4	5.7	5.0	4.0	3.3	5.0	3.7	6.0	6.7	5.0
KY-31 NO ENDO.	4.4	4.8	5.1	4.0	2.3	2.1	5.5	2.1	4.2	3.8	4.0	5.8	4.5	3.3	2.3	4.0	3.7	5.0	4.7	4.4
KY-31 W/ENDO.	4.0	4.3	4.6	4.1	2.3	2.0	5.0	2.0	4.3	3.6	4.0	5.7	4.0	3.5	2.7	4.0	3.8	5.2	5.7	4.4
LSL VALUE	0.5	0.5	0.6	0.5	0.5	0.7	1.9	0.7	0.4	0.8	0.6	1.6	0.5	0.8	1.3	0.3	1.0	0.7	0.9	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 7.

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
 1993-1995 DATA

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

NAME	BC1	IL1	KS1	MO1	MO3	MO4	NE1	NE2	NE3	NV1	PA1	PA2	RI1	SD1	UB1	UB2	VA1	WA1	MEAN
KY-31 NO ENDO.	5.0	8.2	6.7	6.0	4.5	6.0	8.3	7.7	5.3	4.8	9.0	4.5	6.3	5.8	8.2	6.5	5.3	7.3	6.4
KY-31 W/ENDO.	4.3	8.1	6.5	6.0	4.7	7.5	7.3	7.7	6.0	4.0	8.7	4.2	5.3	5.2	8.7	7.0	5.0	7.7	6.3
ANTHEM	5.0	7.7	7.0	6.7	4.7	7.2	7.8	7.3	5.7	5.3	8.0	4.3	6.3	3.2	8.5	6.3	5.7	7.0	6.3
ARID	4.7	7.4	6.7	7.0	5.3	6.0	7.0	6.5	4.3	4.2	8.0	4.7	4.8	4.8	8.5	6.5	6.3	7.3	6.1
SAFARI	5.0	6.3	6.3	7.3	5.0	6.0	7.0	6.0	5.0	6.2	7.0	4.3	4.3	3.8	8.2	6.0	6.7	6.5	5.9
FALCON	4.3	7.0	6.8	7.0	5.0	5.7	7.3	6.7	4.3	4.5	7.3	4.3	4.3	3.8	7.8	6.5	6.0	6.8	5.9
BONANZA	5.0	6.3	6.5	7.3	6.0	6.5	7.0	6.2	4.3	5.3	7.0	4.5	4.5	3.2	7.7	6.0	6.0	6.2	5.9
AVALON (ISI-ATK)	4.7	6.7	6.7	8.0	6.0	5.8	7.2	6.5	3.0	5.2	7.0	4.3	4.2	4.7	7.8	5.3	5.3	6.8	5.8
OLYMPIC II	4.3	6.8	6.3	7.7	4.8	7.2	6.7	6.2	4.0	5.2	6.7	4.5	4.3	4.2	7.3	5.7	6.0	7.0	5.8
WILDCAT (PSTF-200)	5.3	6.3	6.3	7.3	4.7	6.3	6.4	5.5	4.3	5.7	7.0	4.5	4.8	3.3	7.8	5.3	6.0	6.5	5.8
PYRAMID (SIU-1)	5.0	5.8	6.8	7.7	5.5	6.7	6.0	5.5	4.7	5.3	6.7	5.0	4.2	3.7	7.3	5.7	6.0	6.0	5.7
JAGUAR 3 (ZPS-J3)	4.7	6.0	6.7	7.0	5.5	5.5	6.7	6.3	4.0	5.3	7.7	4.7	4.3	3.3	7.3	5.3	6.0	7.0	5.7
PHOENIX	4.0	6.6	6.3	7.7	4.8	5.5	8.0	7.3	4.0	4.2	6.7	4.7	4.0	3.8	7.2	5.0	6.3	6.8	5.7
PSTF-LF	4.7	6.4	6.5	7.3	5.5	7.0	6.4	5.7	5.0	5.2	6.7	4.5	4.5	3.2	7.2	4.8	5.7	6.7	5.7
AVANTI	4.3	6.0	6.7	7.3	5.2	6.0	7.0	6.2	5.0	4.7	5.7	4.7	4.7	3.5	7.3	5.7	6.7	6.2	5.7
SHENANDOAH	4.3	6.3	6.3	7.3	5.3	6.2	7.0	6.2	4.7	4.7	6.7	4.5	4.8	3.5	7.7	5.3	5.7	6.2	5.7
GENERIC (CAFA 101)	5.0	6.4	6.3	7.0	5.8	6.5	6.3	6.7	3.3	5.2	6.3	4.7	4.0	3.5	7.3	4.7	6.0	6.7	5.7
BONANZA II	4.7	6.6	6.0	7.3	6.3	6.0	6.7	5.8	3.7	5.3	7.3	4.3	4.0	2.5	7.7	5.3	6.3	5.5	5.6
HOUNDG V (ISI-AFE)	4.3	6.0	6.8	7.3	6.7	6.0	5.5	5.7	4.3	5.5	6.3	4.8	3.7	2.8	7.8	5.3	5.7	6.5	5.6
AUSTIN	4.7	6.6	6.3	7.3	5.5	5.5	6.8	6.4	3.3	5.8	6.3	4.0	4.3	3.3	7.2	5.3	5.7	6.2	5.6
CHIEFTAIN II (PICK CII)	4.0	5.8	6.5	7.3	5.8	6.8	6.8	6.3	4.3	4.5	6.3	4.5	4.0	3.0	7.5	4.7	6.3	5.8	5.6
FALCON II (MB-21-92)	4.0	5.4	6.0	7.3	6.5	5.5	7.3	6.0	4.7	6.0	6.7	4.3	3.8	3.0	6.8	4.8	6.3	5.8	5.6
TITAN 2 (SR 8010)	4.0	6.2	6.3	7.3	5.3	6.8	6.0	6.2	4.0	5.0	7.3	4.7	3.8	4.3	6.8	4.7	5.3	6.2	5.6
HERITAGE (PSTF-401)	4.7	5.9	6.7	7.3	5.0	6.0	6.7	6.2	4.3	5.2	6.7	4.2	4.2	2.8	7.2	5.2	5.3	6.8	5.6
ISI-AFA	4.0	5.7	6.5	7.0	6.7	6.8	6.7	6.0	3.3	4.7	6.7	5.0	4.5	2.5	7.5	5.0	6.0	5.5	5.6
COCHISE	4.7	5.9	6.5	7.3	6.8	6.3	6.0	5.8	4.3	5.0	6.7	4.5	3.3	3.0	7.2	5.0	6.0	5.7	5.6
PST-SSTB	5.7	5.2	6.2	7.0	5.3	5.8	7.0	5.8	4.0	5.2	6.0	4.5	4.0	3.5	7.3	5.3	5.7	6.5	5.6
VIRTUE	5.3	5.7	6.3	7.7	5.2	6.2	5.8	5.7	4.7	4.8	6.3	5.0	3.3	3.0	7.2	5.2	6.7	5.7	5.5
GUARDIAN	4.7	6.1	6.5	7.3	5.8	6.2	6.2	5.0	4.0	4.8	5.7	4.5	3.8	3.3	7.8	4.8	6.3	6.5	5.5
MONTAUK	4.3	5.9	6.2	7.7	5.7	5.3	6.7	5.0	5.3	5.3	6.7	4.5	4.0	2.7	7.5	5.3	5.0	6.2	5.5
ISI-CRC	4.7	6.3	6.7	7.3	5.7	4.8	6.7	5.5	3.3	4.5	7.3	4.5	3.0	3.5	7.3	5.3	6.3	6.3	5.5
MARKSMAN (MB-23-92)	4.3	5.4	5.7	7.3	6.7	6.3	6.3	5.7	3.7	4.8	7.3	4.3	4.2	3.2	7.2	4.8	6.0	5.7	5.5
AZTEC	4.3	6.6	6.0	6.7	6.2	6.3	6.8	5.3	3.0	4.8	6.3	4.7	4.0	3.0	7.2	5.3	6.0	6.2	5.5
FINELAWN 88	4.7	6.2	6.5	7.7	5.8	7.0	5.3	5.8	3.3	5.8	6.0	4.3	4.5	3.3	7.0	4.5	5.0	5.7	5.5
DUKE	4.0	6.0	6.2	7.0	5.5	5.8	6.0	6.2	3.3	5.0	6.7	4.5	4.8	2.7	7.5	5.0	6.0	6.3	5.5
GENESIS (GEN-91)	5.3	5.7	6.3	7.3	6.8	6.0	5.8	5.2	4.0	5.5	6.3	4.5	4.0	2.8	6.8	4.7	5.3	6.0	5.5
ASTRO 2000	4.3	6.2	6.2	7.3	4.5	6.5	5.8	5.3	4.3	5.2	7.0	4.3	3.7	3.3	7.3	5.0	5.3	6.8	5.5
GRANDE (SR 8400)	4.7	5.7	6.2	7.7	5.8	5.5	6.5	6.2	3.3	5.3	6.3	4.2	3.7	3.2	7.2	5.2	5.7	5.7	5.4
EMPRESS (ZPS-E2)	5.0	5.7	6.3	7.3	5.5	6.0	6.3	6.0	4.3	4.5	7.0	4.0	3.3	3.7	7.5	4.2	5.7	5.5	5.4
LEPRECHAUN	3.7	5.6	6.3	7.3	5.7	6.0	7.2	6.2	5.3	4.0	6.7	4.7	3.7	3.3	6.5	4.5	5.7	5.5	5.4
LANCER	4.0	5.9	6.7	8.0	6.5	5.7	6.0	6.0	3.7	5.0	6.0	4.2	4.0	3.0	7.5	4.5	5.3	5.8	5.4
FINELAWN PETITE	3.7	5.3	6.2	7.7	5.5	6.3	6.5	6.0	4.0	4.8	6.3	4.8	3.5	2.7	7.3	5.2	6.0	5.7	5.4
PST-5DX W/ENDOPHYTE	5.3	5.8	6.3	7.0	5.7	5.8	5.8	5.3	3.3	5.0	7.0	4.7	3.3	3.3	7.2	4.8	5.7	6.2	5.4
PST-5PM	5.0	5.9	6.0	7.7	5.7	6.2	6.8	5.8	4.0	4.7	6.3	4.5	2.8	3.0	7.2	4.7	6.0	5.3	5.4
REBEL, JR.	5.7	6.1	6.5	7.3	5.3	5.5	5.3	5.7	5.3	4.3	7.0	4.8	3.3	3.0	6.7	5.0	4.3	6.2	5.4
BAR FA 0855	5.0	6.3	6.7	7.3	6.0	5.8	5.2	4.8	4.3	5.2	6.3	4.7	3.5	3.2	7.0	4.8	5.3	5.7	5.4
CAS-MA21	4.7	5.6	6.3	7.0	5.5	6.2	6.7	5.5	3.7	4.8	6.7	4.2	4.3	3.0	6.7	4.7	5.3	6.2	5.4
PALISADES (OFI-TF-601)	4.0	5.9	6.8	7.3	5.7	6.7	6.3	5.7	3.3	4.5	5.7	4.3	3.5	2.7	7.3	4.8	5.7	6.7	5.4
FA-19	4.7	5.3	6.0	7.0	5.2	5.7	6.3	5.0	4.3	5.3	6.7	4.3	4.0	3.0	6.8	5.0	5.7	6.3	5.4
MIRAGE (KWS-DSL)	5.3	5.6	6.2	7.0	6.0	6.5	5.5	4.6	4.7	5.2	6.3	4.3	3.8	2.8	7.3	4.2	5.3	6.0	5.4

TABLE 7. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	BC1	IL1	KS1	MO1	MO3	MO4	NE1	NE2	NE3	NV1	PA1	PA2	RI1	SD1	UB1	UB2	VA1	WA1	MEAN
ALAMO (J-1048)	4.0	5.7	6.3	7.3	5.3	6.3	6.8	6.0	3.7	5.2	6.3	4.5	3.8	2.7	6.8	4.7	5.3	5.7	5.4
403	4.3	6.3	6.7	7.3	5.8	6.7	4.8	4.8	4.3	4.7	6.0	4.2	3.7	2.7	7.7	4.8	6.0	5.7	5.4
ADOBE (SFL)	4.3	5.8	6.3	7.3	6.0	4.5	6.5	5.5	3.3	4.8	6.7	4.3	4.2	3.5	7.2	4.5	5.7	5.7	5.3
PST-5VC	5.0	6.0	6.3	7.0	5.2	6.3	5.0	5.3	3.3	4.7	6.3	5.0	4.0	2.2	7.5	5.0	5.3	6.5	5.3
PRO-9178	4.7	5.2	6.2	7.3	5.8	5.8	6.5	6.0	2.7	4.7	7.0	4.5	4.2	3.2	7.8	4.5	4.3	5.5	5.3
RENEGADE (MB-22-92)	5.0	5.7	6.0	8.0	6.5	6.3	5.5	5.0	4.0	4.3	6.7	4.7	3.3	2.7	6.5	4.8	5.0	5.7	5.3
BAR FA 214	4.3	5.2	6.0	7.0	6.3	5.7	7.5	6.2	3.7	4.3	4.7	4.8	3.7	2.7	7.7	4.2	5.7	6.0	5.3
VEGAS	3.3	5.7	6.5	7.3	6.3	6.3	5.7	5.7	4.3	5.0	5.3	4.3	3.7	3.8	6.7	4.5	5.3	5.7	5.3
SR 8300	4.3	5.8	6.0	7.0	5.3	6.0	6.0	5.3	4.0	4.8	7.0	4.5	3.5	2.8	7.0	4.8	5.3	5.8	5.3
BAR FA 2AB	4.3	5.2	6.3	7.0	5.7	5.7	6.3	5.5	3.7	4.8	5.0	4.8	3.0	3.7	7.5	5.2	5.7	6.0	5.3
PIXIE	4.3	5.3	6.0	7.3	6.0	6.2	6.2	4.8	4.3	5.0	6.3	4.3	3.3	2.3	7.2	4.5	6.0	5.8	5.3
CORONADO (PST-RDG)	4.7	5.3	6.3	7.0	6.5	5.5	6.2	5.7	4.0	5.0	7.0	4.7	3.0	3.0	6.5	4.0	4.7	6.2	5.3
SOUTHERN CHOICE (MB-25-92)	4.0	5.3	6.2	7.0	5.3	5.8	5.3	5.5	4.3	5.0	7.0	4.2	3.5	3.2	7.5	4.2	5.7	5.7	5.3
STARLET (MB-24-92)	4.7	5.2	6.0	7.7	6.0	6.3	6.3	5.8	3.7	4.3	7.0	4.5	4.0	3.3	5.8	4.2	4.3	5.3	5.3
ELDORADO	4.0	6.2	6.3	7.3	6.2	5.8	5.2	4.8	2.7	4.7	6.7	4.7	3.7	3.0	6.5	5.2	5.3	6.0	5.2
SR 8210	4.3	5.8	6.2	7.7	5.5	5.7	6.3	5.7	3.0	5.3	6.0	4.5	3.3	2.5	7.3	4.0	5.3	5.5	5.2
SILVERADO	5.3	6.0	6.2	7.3	5.5	6.2	5.2	5.0	3.3	4.5	6.0	4.5	3.7	3.0	7.0	4.0	5.3	5.7	5.2
SHORTSTOP II (PICK 90-06)	5.0	4.8	6.3	7.3	5.5	5.7	5.5	5.3	3.7	4.7	6.3	4.5	3.8	3.5	7.0	4.0	5.3	5.5	5.2
ATF-007	4.7	5.6	5.8	7.0	5.8	6.3	6.5	5.2	3.0	5.5	6.3	4.7	3.3	2.7	6.3	4.0	5.0	5.8	5.2
SUN PRO (PICK 90-10)	4.3	5.2	6.2	7.0	6.3	4.8	7.2	6.5	3.0	4.7	6.7	4.5	3.7	3.0	6.5	3.5	4.7	5.7	5.2
CROSSFIRE II (PICK 90-12)	5.0	5.3	6.7	7.3	6.3	5.0	4.3	5.5	3.3	4.7	6.3	4.2	4.0	3.5	6.7	4.0	5.3	5.8	5.2
KITTYHAWK	4.0	5.9	6.7	7.0	5.0	6.8	5.3	4.5	2.7	5.0	6.7	4.3	4.2	2.8	6.8	4.7	5.0	5.8	5.2
BARLEXAS (LEXUS)	4.3	5.8	6.0	7.3	6.7	5.7	5.5	4.5	5.0	4.3	6.0	4.5	3.5	2.8	6.5	4.3	4.3	5.5	5.1
REBEL 3D	4.7	5.6	6.3	7.3	5.7	5.5	7.0	6.0	3.3	4.7	5.0	4.2	3.8	2.5	6.3	4.0	4.7	5.8	5.1
MONARCH	4.0	6.1	6.2	7.0	5.5	6.0	5.6	4.8	2.3	5.3	6.0	4.5	3.7	2.7	6.5	4.7	5.7	5.8	5.1
TOMAHAWK	4.0	5.6	6.5	7.3	5.2	5.8	5.0	4.0	3.3	4.7	7.0	4.5	2.8	3.2	6.7	4.5	6.3	5.8	5.1
M-2	3.7	6.1	6.2	7.7	5.7	6.3	4.5	4.3	2.3	5.3	6.3	4.3	4.3	2.7	7.0	4.8	4.7	6.0	5.1
DUSTER (ITR-90-2)	5.0	5.4	5.8	7.0	5.8	5.5	6.8	4.5	3.0	4.8	6.0	5.0	3.3	2.5	6.5	4.2	5.3	5.5	5.1
FA-22	4.7	5.8	6.0	7.3	4.7	5.0	6.3	5.7	4.3	5.0	6.7	4.3	3.3	2.7	6.5	4.2	4.0	5.7	5.1
APACHE II (PST-59D)	4.3	5.0	6.3	7.7	6.3	5.0	4.3	4.7	3.3	5.0	7.0	4.7	3.5	2.8	6.7	3.8	5.3	6.0	5.1
DEBUTANTE (WKI-208-2)	4.3	5.0	6.2	7.3	5.7	6.8	6.3	5.7	3.0	4.5	6.3	4.2	3.3	3.0	6.2	4.0	4.7	5.0	5.1
SR 8200	5.0	5.1	6.3	7.0	5.5	5.7	6.0	4.7	3.3	4.8	6.3	4.7	3.0	3.0	6.8	4.3	4.3	5.5	5.1
TRAILBLAZER II	4.0	5.6	6.2	7.7	5.7	4.7	5.7	5.2	3.7	5.2	5.7	4.3	3.5	2.7	6.8	4.7	5.3	4.8	5.1
GAZELLE (ZPS-VL)	5.0	5.0	6.2	7.3	6.3	5.7	5.2	4.0	5.0	4.0	6.7	4.5	2.8	3.2	6.2	3.7	4.7	5.7	5.1
CAS-LA20	4.3	5.3	6.2	7.3	5.5	5.3	5.7	5.3	3.0	4.7	6.3	4.2	3.7	3.0	6.2	4.3	4.7	5.5	5.0
COYOTE (ZPS-ML)	4.3	4.9	5.8	7.3	6.3	6.3	5.8	4.5	3.7	4.0	6.3	4.7	2.7	3.2	6.2	3.3	5.0	6.0	5.0
MICRO DD	5.3	4.8	6.2	6.7	5.5	5.5	6.5	5.8	3.7	4.7	6.0	4.3	3.0	2.8	6.2	2.8	4.7	5.5	5.0
NINJA (ATF-006)	4.3	5.2	5.8	7.3	6.2	5.8	4.5	4.0	2.3	4.7	7.3	4.5	4.0	2.3	6.5	3.7	4.3	5.2	4.9
BONSAI PLUS	4.7	5.1	6.0	7.3	5.8	6.3	4.4	3.5	3.7	4.8	5.7	4.5	3.5	2.7	6.2	3.2	4.3	5.7	4.9
PST-5LX	4.0	4.8	5.8	7.7	6.2	5.5	5.8	4.3	4.0	4.5	5.7	4.5	3.3	2.5	6.0	3.2	4.0	5.0	4.8
TWILIGHT	5.3	4.6	6.0	7.3	5.0	6.0	5.8	5.2	2.3	4.5	5.7	4.3	4.0	2.5	4.5	3.3	3.0	5.5	4.7
BONSAI	3.0	5.0	5.8	7.0	5.3	5.2	5.2	4.8	2.3	3.8	6.0	5.0	3.0	2.7	4.3	3.0	4.0	5.5	4.5
LSD VALUE	1.3	0.7	0.7	1.0	1.4	1.1	2.2	1.8	1.8	1.6	1.1	0.7	0.9	0.8	0.8	1.2	1.3	0.8	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 8.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/																
	AL1	AR1	AR2	AZ1	BC1	CA1	CO1	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MO1	MO2	MO3
ATF-007	4.5	7.8	8.3	5.7	5.5	7.1	6.0	6.0	5.0	4.0	7.3	7.0	9.0	6.0	4.0	7.4	6.7
EMPRESS (ZPS-E2)	4.7	7.5	8.0	6.0	5.5	7.6	6.3	6.2	4.7	3.7	7.0	6.3	8.3	5.7	3.7	7.3	6.4
SHORTSTOP II (PICK 90-06)	4.2	8.5	7.7	6.0	5.7	7.2	8.0	5.9	5.7	3.3	6.8	7.0	9.0	5.3	3.7	7.2	6.3
BONSAI	3.5	7.8	6.7	6.3	6.0	7.2	6.7	6.2	4.7	4.3	7.7	6.7	7.0	5.7	4.0	7.1	7.2
LANCER	4.3	8.2	8.0	5.7	5.7	7.2	7.7	6.4	6.0	3.7	7.3	6.7	8.3	5.7	4.0	7.1	6.6
FA-22	4.0	8.5	8.0	6.0	5.8	7.1	6.3	6.0	5.7	4.0	6.3	6.7	8.0	6.0	4.3	7.3	6.0
JAGUAR 3 (ZPS-J3)	4.7	8.0	8.7	6.0	5.3	6.9	6.0	6.6	6.3	4.0	7.2	5.7	9.0	6.0	3.7	7.3	6.4
ADOBE (SFL)	4.3	8.3	7.7	6.0	5.5	7.0	7.0	6.0	3.7	4.3	6.8	6.0	8.7	5.7	4.7	7.3	6.0
NINJA (ATF-006)	4.5	8.0	8.0	6.3	5.3	7.0	6.3	5.8	4.7	4.3	7.3	7.0	9.0	5.7	3.7	7.3	5.9
BAR FA 214	4.5	8.7	7.0	5.7	5.8	6.8	6.0	6.8	5.7	4.7	7.5	5.7	9.0	5.7	3.7	7.2	6.4
BARLEXAS (LEXUS)	4.0	7.8	7.7	6.0	5.7	6.7	6.7	6.0	5.3	3.3	7.8	6.7	9.0	5.3	4.0	7.3	6.3
MICRO DD	4.2	7.8	6.3	5.3	5.7	7.3	7.7	5.9	5.7	4.0	6.8	7.0	8.0	5.7	3.3	7.4	6.6
GAZELLE (ZPS-VL)	4.5	7.7	7.3	5.7	5.3	7.1	5.7	5.8	5.0	4.0	7.5	6.7	8.7	6.3	3.7	7.4	6.3
TITAN 2 (SR 8010)	4.7	8.5	7.0	5.3	5.5	6.9	6.0	6.2	5.3	3.3	6.3	6.7	8.7	6.3	4.0	7.6	5.3
SUN PRO (PICK 90-10)	4.5	8.2	7.7	6.3	5.7	7.0	6.7	6.1	4.7	3.3	7.3	6.7	8.0	5.3	3.7	7.3	5.7
SOUTHERN CHOICE (MB-25-92)	4.2	8.2	7.7	5.7	5.3	6.8	5.7	6.1	6.7	3.0	6.8	6.0	8.3	5.7	3.7	7.4	5.7
DUSTER (ITR-90-2)	4.5	8.0	7.3	6.0	5.2	7.1	6.0	5.9	5.3	4.0	6.8	6.3	9.0	5.7	3.7	7.2	6.4
PIXIE	4.3	7.7	6.3	6.0	5.8	7.0	7.0	6.0	5.3	3.0	6.5	6.0	8.0	5.7	3.7	7.2	6.0
DEBUTANTE (WXI-208-2)	4.5	7.2	6.3	5.3	5.0	6.9	6.0	5.8	7.0	4.0	6.8	6.3	8.3	5.7	4.0	7.4	6.1
COYOTE (ZPS-ML)	4.0	8.2	8.0	5.7	5.5	7.1	6.0	6.0	5.0	3.7	7.0	6.0	8.7	5.7	4.0	7.3	5.2
FALCON II (MB-21-92)	4.3	6.2	8.3	6.0	5.5	6.6	6.0	5.8	6.7	3.7	7.2	6.7	8.3	5.7	4.0	7.3	5.8
FA-19	4.8	8.0	7.3	5.7	5.5	6.9	6.7	6.4	5.0	3.7	6.5	6.3	7.3	5.3	4.0	7.3	5.9
PST-5VC	4.3	7.2	8.7	6.0	5.5	6.8	6.3	5.8	3.7	5.0	6.7	6.3	8.3	5.7	4.0	7.3	5.9
MIRAGE (KWS-DSL)	4.5	8.2	7.7	6.0	5.7	7.0	6.7	5.9	4.3	3.3	6.2	6.3	8.0	5.3	3.3	7.3	6.0
M-2	4.7	7.7	8.0	5.7	5.2	6.7	5.7	6.2	5.7	4.3	6.5	7.0	7.7	5.3	3.7	7.2	5.8
CORONADO (PST-RDG)	4.5	6.8	6.3	6.3	5.5	6.9	6.7	5.8	5.7	3.0	6.5	6.0	7.7	5.3	4.0	7.3	6.2
STARLET (MB-24-92)	4.8	7.3	6.7	6.0	5.0	6.9	6.7	5.9	6.3	3.3	6.3	6.7	8.0	6.0	4.0	7.3	6.2
PST-5DX W/ENDOPHYTE	4.2	6.3	7.0	5.7	5.3	7.1	6.3	6.3	5.7	4.0	6.5	6.0	7.7	5.3	3.7	7.3	5.9
HOUNDOG V (ISI-AFE)	5.0	6.8	6.7	5.7	4.8	6.6	6.7	5.9	5.7	3.3	6.5	5.7	9.0	5.7	3.3	7.3	5.9
PST-5PM	4.5	7.3	6.7	5.7	5.5	7.1	6.3	5.9	4.3	4.0	6.3	5.7	8.0	5.7	3.3	7.6	5.3
MARKSMAN (MB-23-92)	4.8	7.8	7.3	5.3	5.7	6.8	6.3	6.1	6.3	3.7	6.5	5.7	7.7	5.7	4.3	7.1	5.4
SILVERADO	4.5	7.2	7.7	5.3	5.3	6.7	5.3	6.1	5.3	4.0	6.5	6.0	9.0	5.3	4.0	7.3	5.6
APACHE II (PST-59D)	4.2	7.0	7.3	6.0	5.3	6.4	6.0	5.6	6.3	3.0	6.3	6.0	8.0	5.7	4.0	7.1	5.4
PYRAMID (SIU-1)	4.3	7.7	7.0	5.3	5.3	7.1	6.3	6.0	6.3	3.7	6.5	5.7	8.7	5.7	4.3	7.3	5.2
SR 8210	4.0	7.2	7.7	5.7	5.0	6.8	5.3	5.7	5.7	3.3	6.7	5.7	8.7	5.3	3.7	7.3	5.7
ISI-AFA	4.8	7.2	6.7	5.3	5.3	6.7	6.3	5.7	5.3	3.3	6.3	5.3	8.0	5.3	3.7	7.3	6.3
PRO-9178	4.3	8.5	6.7	6.0	5.7	7.0	6.3	5.7	5.0	3.7	6.2	4.7	9.0	5.3	3.7	7.1	5.6
GRANDE (SR 8400)	4.5	7.5	6.7	6.0	5.3	6.9	5.7	6.0	6.7	3.0	6.3	5.7	7.7	6.0	4.3	7.3	5.8
CROSSFIRE II (PICK 90-12)	4.8	7.2	7.0	5.7	5.0	6.9	6.3	5.7	4.7	4.0	6.7	5.7	8.3	5.3	3.3	7.2	5.4
PST-5LX	4.3	7.2	7.3	5.3	5.3	6.3	6.7	6.1	5.7	3.3	6.2	4.3	8.7	5.0	3.3	6.9	5.9
KITTYHAWK	4.5	8.0	8.0	5.7	5.0	7.0	5.7	5.8	5.3	3.3	5.8	5.0	7.0	5.3	4.3	7.2	5.8
AVALON (ISI-ATK)	4.7	7.5	6.3	5.0	5.5	7.1	6.3	6.1	4.3	3.7	6.7	5.7	7.0	5.0	3.3	7.2	5.8
TOMAHAWK	4.3	6.7	7.0	5.3	5.0	6.6	6.0	6.0	5.3	4.0	6.7	6.7	7.0	5.7	4.3	7.3	5.9
GENESIS (GEN-91)	4.2	7.0	7.0	5.7	4.8	6.7	7.7	5.3	5.0	3.3	6.0	5.7	8.0	5.7	3.7	7.3	5.9
SR 8300	4.8	7.5	7.3	5.3	5.7	6.3	5.3	5.9	6.0	4.0	5.8	5.3	8.7	6.0	4.0	7.1	5.7
AZTEC	4.2	7.7	7.7	5.0	5.7	6.6	6.7	6.2	3.3	3.7	6.0	4.7	7.3	6.0	3.3	7.1	5.2
ISI-CRC	4.5	6.8	7.0	6.0	5.0	6.6	5.7	6.1	4.7	3.3	6.8	6.0	7.3	5.7	3.7	7.4	5.8
LEPRECHAUN	4.3	8.2	7.7	5.0	5.3	6.3	6.3	5.4	6.0	3.7	6.7	6.0	7.3	5.3	3.7	7.1	5.3
CAS-LA20	4.8	8.0	8.7	5.3	5.0	6.8	5.0	5.6	6.0	3.3	6.5	6.3	7.0	5.0	3.7	7.1	5.0
BAR FA 2AB	4.7	7.3	7.0	5.3	5.8	6.7	5.0	5.2	5.0	3.3	6.2	5.7	8.3	5.3	3.7	7.3	6.0

TABLE 8. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CO1	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MO1	MO2	MO3
REBEL, JR.	4.2	7.0	6.3	5.3	5.5	6.6	6.3	5.4	5.0	3.7	5.7	6.7	7.7	5.0	3.7	7.1	6.3
PST-5STB	4.5	7.2	6.7	6.0	5.5	6.2	5.7	5.2	4.7	3.3	6.3	5.3	8.3	5.3	3.7	7.2	5.9
RENEGADE (MB-22-92)	4.7	6.8	6.7	5.7	5.3	6.7	5.3	5.4	6.3	3.0	6.7	6.3	7.3	5.7	3.7	7.3	5.9
ELDORADO	4.5	6.3	7.7	5.7	4.8	6.8	5.7	6.2	6.0	3.0	6.5	5.3	8.0	5.3	3.3	7.2	5.6
BAR FA 0855	4.5	7.3	7.3	5.0	5.2	7.0	5.7	5.2	5.0	3.7	7.0	5.0	7.0	5.7	4.0	7.1	5.9
BONSAI PLUS	3.5	6.5	7.0	6.0	5.2	6.8	6.0	5.7	5.0	3.3	6.0	6.7	7.0	5.3	3.7	7.3	6.0
MONTAUK	4.7	7.0	7.7	5.0	5.5	6.3	5.3	5.4	4.7	4.0	6.8	5.7	7.3	5.3	3.7	7.3	5.6
VEGAS	4.0	7.5	8.3	5.0	5.2	6.3	4.7	4.9	5.3	3.3	6.7	5.0	8.0	5.3	3.7	7.1	5.9
FINELAWN PETITE	4.3	6.8	7.0	6.0	5.0	6.7	6.0	5.6	5.0	3.3	6.7	5.0	7.0	5.3	4.0	7.3	5.9
AVANTI	4.5	6.7	7.7	5.0	5.5	6.7	6.0	5.0	6.0	3.7	6.5	5.3	8.0	5.3	3.0	7.1	5.4
ALAMO (J-1048)	4.5	6.8	7.3	5.7	5.0	6.1	5.3	5.3	4.7	4.0	6.5	5.3	7.7	5.3	3.7	6.9	5.6
PALISADES (OFI-TF-601)	4.7	7.2	7.7	5.7	5.7	6.2	5.3	5.7	4.7	3.3	6.5	5.7	8.0	5.3	4.0	7.1	5.7
SAFARI	4.7	6.5	6.3	5.3	4.8	6.7	5.3	5.6	5.3	3.7	6.2	6.3	8.0	5.7	3.7	6.9	5.0
COCHISE	4.3	8.0	8.0	5.7	5.0	6.7	5.7	5.9	5.3	3.3	6.0	5.7	8.0	5.7	3.0	7.0	5.6
SR 8200	4.5	6.5	7.0	5.7	5.0	6.4	5.7	6.0	5.7	3.7	6.5	4.7	7.7	5.7	3.7	6.8	5.4
CAS-MA21	4.3	6.3	7.0	5.3	5.0	6.8	5.0	6.2	5.3	3.3	6.2	5.0	7.0	5.0	4.0	7.2	5.2
BONANZA II	4.7	6.3	7.0	5.0	4.7	6.6	6.0	5.6	4.0	3.3	5.8	5.3	7.7	5.3	3.3	7.2	5.8
403	4.3	6.2	6.3	5.7	5.5	6.6	4.7	6.1	5.7	3.3	6.3	5.3	7.0	5.7	3.7	6.9	5.6
HERITAGE (PSTF-401)	4.3	7.5	6.7	5.0	5.0	6.8	6.0	6.6	5.0	4.0	6.8	4.7	7.3	5.3	3.3	6.8	5.3
GUARDIAN	4.2	5.8	7.7	5.3	5.2	6.8	5.7	6.2	5.7	4.0	5.7	4.7	7.7	5.3	3.7	7.0	5.3
TRAILBLAZER II	4.5	6.0	6.3	5.0	5.5	6.1	6.3	5.6	5.7	3.3	6.2	5.0	7.0	5.7	3.3	7.2	5.3
CHIEFTAIN II (PICK CII)	4.7	5.8	7.0	5.3	5.7	6.6	6.0	5.8	5.0	3.7	6.5	4.7	7.0	5.7	3.0	7.1	5.8
MONARCH	4.7	7.5	8.3	5.0	5.2	6.4	6.0	5.8	5.0	3.7	6.2	5.0	7.7	5.3	3.3	7.0	4.9
DUKE	4.5	6.8	8.0	5.0	5.3	6.3	5.3	5.6	4.3	3.7	6.2	5.7	7.3	5.0	3.0	7.0	5.4
VIRTUE	4.7	6.3	6.7	5.0	5.2	6.4	5.7	5.6	5.0	3.3	6.2	5.3	7.0	5.3	3.7	7.1	5.4
OLYMPIC II	4.8	5.8	7.7	5.3	4.8	6.4	5.7	5.4	5.3	3.3	6.0	4.0	6.7	5.3	3.3	6.8	5.4
FINELAWN 88	4.2	6.7	7.0	5.3	5.0	6.1	5.0	5.4	4.0	2.7	5.5	5.0	6.7	5.3	3.0	7.3	6.0
GENERIC (CAFA 101)	4.5	6.8	6.7	5.3	4.7	6.7	5.3	5.0	5.0	3.0	5.3	5.0	6.3	5.7	3.7	6.7	5.0
SHENANDOAH	4.5	6.2	6.3	5.0	5.3	6.1	5.7	5.3	5.7	3.3	6.0	4.7	7.0	5.3	3.0	6.9	5.4
WILDCAT (PSTF-200)	4.5	5.0	5.7	5.3	4.8	6.2	5.3	6.0	5.3	3.0	6.0	4.3	7.0	5.0	3.3	7.0	5.6
AUSTIN	4.2	6.5	6.3	5.0	4.7	6.2	5.0	5.3	4.0	3.0	6.5	5.0	7.0	5.3	3.0	7.3	5.3
PSTF-LF	4.7	6.7	6.3	5.0	5.0	6.3	5.0	6.1	4.7	3.0	6.2	4.7	7.0	5.0	3.3	7.1	5.1
ASTRO 2000	4.7	6.0	7.3	5.3	5.2	6.6	5.7	6.1	4.7	2.0	5.7	4.3	7.0	5.3	3.7	6.9	4.8
REBEL 3D	4.3	6.0	6.0	5.0	5.5	6.2	6.0	5.3	3.7	3.3	6.2	5.0	6.7	5.3	3.7	7.1	5.2
PHOENIX	4.5	6.0	8.0	5.0	5.0	6.0	5.0	4.7	4.7	3.0	6.2	4.3	6.3	5.0	3.0	6.7	4.9
TWILIGHT	4.2	6.3	5.7	6.0	4.5	5.9	5.0	5.1	5.7	2.7	6.5	5.7	6.3	5.0	3.0	7.3	5.1
BONANZA	4.7	6.7	6.3	5.0	4.7	5.9	5.0	5.0	5.3	3.0	5.2	4.0	6.3	5.3	3.0	6.9	4.6
ARID	4.5	5.3	5.3	5.0	5.3	5.4	6.3	5.7	4.0	3.3	4.8	4.3	6.7	4.7	3.3	6.7	4.6
FALCON	4.7	5.7	5.0	5.0	4.5	5.9	5.0	5.4	3.3	3.0	5.2	3.7	5.3	4.7	3.3	6.1	4.3
ANTHEM	4.3	5.7	4.3	5.0	4.2	5.3	5.0	5.3	4.0	3.0	5.5	3.3	6.0	5.3	3.0	6.7	4.3
KY-31 NO ENDO.	3.3	3.5	3.0	4.0	4.0	4.8	4.0	4.6	2.7	1.7	4.2	3.0	1.0	4.0	3.0	5.2	2.7
KY-31 W/ENDO.	3.3	3.8	3.0	4.0	4.2	4.0	3.7	4.1	3.0	1.3	3.8	2.0	1.0	4.0	3.0	5.0	3.0
LSD VALUE	0.6	1.1	1.7	0.7	0.7	0.7	1.2	0.6	1.9	0.9	0.8	1.3	0.9	0.9	0.9	0.9	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 8. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	MS1	NEL	NE2	NE3	NJ2	NV1	PA1	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
ATF-007	6.2	3.0	3.3	5.0	8.5	5.7	5.2	4.5	5.8	4.5	6.8	6.0	6.7	6.5	6.7	6.5	2.7	5.9
EMPRESS (ZPS-E2)	6.0	4.0	4.2	5.0	8.2	5.2	5.2	4.8	5.2	5.3	6.8	6.0	6.8	7.0	6.2	6.3	2.9	5.9
SHORTSTOP II (PICK 90-06)	6.0	5.2	3.2	5.0	6.3	5.3	6.0	3.8	5.3	4.7	6.7	6.2	6.1	6.2	6.5	5.8	3.0	5.8
BONSAI	6.3	4.2	4.0	5.0	7.0	5.2	5.2	4.2	6.0	5.2	6.8	6.8	5.8	6.8	6.2	5.3	3.9	5.8
LANCER	5.5	2.7	3.2	5.0	6.8	5.2	4.8	4.5	6.0	4.5	7.0	6.2	6.0	6.8	6.5	6.2	3.0	5.8
FA-22	6.0	4.5	4.5	4.3	7.5	5.8	5.3	4.2	5.4	4.7	6.0	6.2	6.2	6.2	6.3	5.8	2.8	5.8
JAGUAR 3 (ZPS-J3)	5.8	2.8	3.2	5.0	7.7	5.0	5.7	4.3	5.7	4.3	6.5	6.0	6.1	6.0	6.5	6.7	2.9	5.8
ADOBE (SFL)	6.2	3.8	3.8	5.0	7.5	5.3	4.8	4.7	5.3	5.2	6.3	6.5	5.7	6.8	6.7	6.5	2.7	5.8
NINJA (ATF-006)	5.7	4.2	4.2	5.0	7.3	5.2	5.5	4.5	5.9	3.8	6.3	6.3	5.8	6.3	6.2	5.8	3.1	5.8
BAR FA 214	6.3	3.8	3.8	5.0	6.7	4.5	5.3	4.0	5.2	4.8	6.2	5.5	6.4	6.5	6.3	6.2	3.1	5.8
BARLEXAS (LEXUS)	6.0	3.7	3.3	5.0	7.0	5.0	5.3	4.5	5.2	4.3	6.7	6.8	6.4	6.2	6.5	6.2	2.7	5.8
MICRO DD	5.7	3.7	3.3	5.0	7.2	5.3	6.0	4.5	5.6	4.3	6.3	6.0	6.0	6.0	6.7	6.2	2.8	5.7
GAZELLE (ZPS-VL)	6.3	4.2	3.6	5.0	6.3	4.2	5.0	4.0	5.4	4.5	6.5	6.0	6.2	6.3	6.5	6.8	3.2	5.7
TITAN 2 (SR 8010)	6.0	3.7	3.5	5.0	6.2	5.3	6.0	4.2	6.1	4.3	6.0	5.7	5.8	6.0	7.0	6.7	2.7	5.7
SUN PRO (PICK 90-10)	6.0	3.5	3.2	5.0	6.7	5.0	5.2	4.2	5.4	4.3	7.0	6.2	6.0	6.2	6.5	6.2	2.8	5.7
SOUTHERN CHOICE (MB-25-92)	6.0	3.5	3.7	5.0	6.7	5.7	5.5	4.2	5.0	4.7	6.7	6.0	6.1	6.0	6.7	6.3	2.7	5.7
DUSTER (ITR-90-2)	5.8	3.8	3.8	4.3	6.0	5.0	5.2	4.7	5.0	4.0	6.2	6.3	6.9	6.2	6.2	6.3	2.8	5.7
PIXIE	5.7	4.0	5.2	5.0	6.5	5.7	5.7	4.3	5.1	4.5	7.0	5.7	5.7	5.8	6.3	5.8	3.0	5.7
DEBUTANTE (WXI-208-2)	5.8	3.7	3.5	5.0	6.7	4.8	6.0	4.5	5.3	4.5	6.0	5.8	6.2	6.5	6.5	6.0	2.7	5.7
COYOTE (ZPS-ML)	5.7	3.7	3.8	5.0	7.2	5.2	5.0	4.0	5.6	4.2	6.5	5.7	6.0	6.8	6.0	6.0	3.0	5.7
FALCON II (MB-21-92)	5.3	3.5	3.8	5.0	7.2	5.3	5.2	4.0	5.3	4.0	6.5	5.8	6.3	5.8	6.2	6.2	2.7	5.7
FA-19	5.3	4.2	3.7	5.0	7.2	5.5	5.7	4.2	5.4	4.2	6.2	5.7	5.4	6.3	6.0	6.5	2.7	5.6
PST-5VC	4.7	3.8	2.8	5.0	6.7	5.0	4.8	4.7	5.3	4.0	6.2	6.0	6.8	6.3	6.7	6.2	2.9	5.6
MIRAGE (KWS-DSL)	5.3	3.8	3.8	5.0	7.0	4.8	5.3	4.7	5.9	3.8	6.3	5.8	6.1	6.3	6.0	6.3	2.7	5.6
M-2	5.8	3.8	3.6	5.0	6.2	5.7	5.2	4.3	5.4	3.8	5.7	5.5	5.8	6.0	6.5	6.0	2.8	5.6
CORONADO (PST-RDG)	5.5	4.2	4.3	5.0	6.3	5.5	5.7	4.2	5.3	4.5	6.0	5.8	5.8	6.0	6.0	6.2	2.6	5.6
STARLET (MB-24-92)	5.3	3.5	3.3	5.0	5.3	4.8	5.7	4.2	5.3	4.0	6.2	5.8	6.1	6.0	6.3	6.0	2.8	5.6
PST-5DX W/ENDOPHYTE	5.2	3.6	3.4	5.0	6.8	5.2	5.7	4.2	5.4	5.0	6.3	6.0	6.0	6.2	6.0	5.8	2.7	5.6
HOUNDOG V (ISI-AFE)	5.5	3.5	3.8	5.0	6.8	5.2	5.2	4.7	4.9	4.5	6.3	5.7	6.3	6.2	5.8	5.8	2.4	5.5
PST-5PM	5.5	4.2	3.0	5.0	6.7	4.8	5.7	4.2	5.0	4.8	6.7	6.0	5.6	6.0	6.7	6.5	2.6	5.5
MARKSMAN (MB-23-92)	5.5	3.2	3.7	5.0	6.5	5.0	4.8	3.8	5.0	4.2	6.0	5.8	5.7	6.0	6.2	6.0	2.8	5.5
SILVERADO	5.5	3.8	4.3	5.0	4.5	5.7	5.7	4.3	5.4	3.8	5.7	5.2	6.7	6.2	5.5	5.7	2.9	5.5
APACHE II (PST-59D)	5.5	4.4	3.8	5.0	5.7	5.3	4.8	4.7	4.8	5.0	6.2	5.8	5.8	6.2	5.8	5.8	2.6	5.5
PYRAMID (SIU-1)	5.5	3.3	3.7	5.0	5.0	5.3	5.2	3.8	5.8	4.0	6.0	5.5	5.8	5.8	6.3	5.7	2.6	5.5
SR 8210	5.5	3.3	4.2	5.0	6.0	6.0	5.3	4.2	5.0	4.5	6.2	5.8	5.9	6.0	5.8	6.0	2.8	5.5
ISI-AFA	5.0	4.7	4.2	4.3	6.3	5.2	6.0	4.2	5.3	3.8	6.2	5.5	6.4	6.0	6.0	6.0	2.6	5.5
PRO-9178	5.2	4.2	4.0	5.0	6.0	5.2	5.3	3.7	5.1	4.5	6.2	5.8	5.7	6.2	6.3	5.3	2.7	5.5
GRANDE (SR 8400)	5.3	4.0	3.7	4.3	6.2	5.2	5.8	4.2	5.2	4.2	5.8	5.5	5.2	6.0	6.0	6.0	2.6	5.5
CROSSFIRE II (PICK 90-12)	5.5	3.5	3.7	5.0	5.5	5.2	5.8	4.5	5.2	4.3	6.5	6.0	6.1	6.0	5.8	5.8	2.4	5.5
PST-5LX	5.5	4.3	4.3	5.0	6.7	5.5	6.0	3.8	5.1	4.2	5.7	5.8	6.1	5.2	6.2	6.2	2.6	5.5
KITTYHAWK	5.5	4.5	3.6	5.0	6.0	5.2	5.3	4.2	5.1	4.5	5.8	5.3	5.0	6.0	6.5	6.5	2.8	5.5
AVALON (ISI-ATK)	5.2	3.7	3.3	5.0	6.5	5.3	5.2	4.8	5.8	4.5	6.0	5.3	5.9	5.8	6.8	6.5	2.6	5.5
TOMAHAWK	5.3	4.4	3.6	5.0	5.2	5.2	5.5	4.3	5.1	4.0	5.7	5.5	5.8	6.0	6.3	6.2	2.6	5.5
GENESIS (GEN-91)	5.3	3.5	3.7	5.0	6.7	5.0	4.5	4.7	5.2	4.2	5.8	5.7	6.6	6.0	5.8	6.2	2.6	5.4
SR 8300	5.2	3.2	3.2	5.0	5.7	4.3	5.7	4.2	5.3	4.8	5.7	5.5	5.9	6.0	6.2	5.8	2.7	5.4
AZTEC	5.5	4.3	4.2	5.0	6.0	5.3	5.0	4.5	5.2	4.0	6.0	6.0	5.7	6.8	5.7	6.7	2.7	5.4
ISI-CRC	5.5	4.2	3.7	5.0	5.5	4.8	5.8	4.2	5.3	5.0	5.7	5.3	5.6	6.0	5.8	6.3	2.6	5.4
LEPRECHAUN	5.5	3.5	3.8	5.0	6.0	4.2	5.2	4.0	5.6	4.2	6.2	5.3	5.4	6.0	5.8	5.7	2.4	5.4
CAS-LA20	5.2	4.3	3.7	5.0	5.7	4.5	6.3	4.3	4.8	3.7	5.7	5.2	5.6	6.0	6.3	5.5	2.7	5.4
BAR FA 2AB	5.2	4.3	4.0	5.0	5.0	5.5	5.7	4.3	4.8	4.5	5.8	5.5	5.7	6.0	5.7	5.7	2.7	5.4

TABLE 8. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE																	
	MS1	NEL	NE2	NE3	NJ2	NV1	PA1	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
REBEL, JR.	5.5	4.0	3.8	5.0	5.5	5.0	5.3	3.8	5.0	4.0	6.0	5.7	6.1	6.0	6.0	6.0	2.7	5.4
PST-5STB	5.0	4.0	4.0	5.0	5.5	5.2	5.5	3.8	5.3	4.2	5.8	5.7	5.2	6.0	6.3	6.7	2.6	5.4
RENEGADE (MB-22-92)	5.2	4.0	3.8	5.0	5.2	5.2	5.3	3.5	5.3	4.2	5.8	5.0	6.3	5.5	6.0	5.8	2.7	5.4
ELDORADO	5.3	3.8	3.3	4.3	5.8	5.0	5.8	4.0	5.3	4.0	6.2	5.7	5.3	6.0	6.5	5.5	2.7	5.4
BAR FA 0855	4.8	4.7	4.0	5.0	5.5	5.5	5.3	4.3	5.2	4.0	5.7	5.2	5.8	6.0	5.5	5.5	2.6	5.4
BONSAI PLUS	5.3	3.8	3.4	5.0	5.7	5.2	6.3	4.0	4.9	4.2	5.7	5.8	5.0	6.0	5.8	6.2	2.8	5.4
MONTAUK	5.0	4.2	4.2	5.0	5.2	5.5	6.0	4.5	4.9	4.0	6.0	5.2	5.4	6.0	5.3	5.5	2.6	5.3
VEGAS	5.0	4.5	4.2	4.3	5.7	5.0	6.3	4.2	4.9	4.2	5.5	5.7	5.7	6.3	5.7	5.7	2.8	5.3
FINELAWN PETITE	5.7	4.2	3.6	4.3	6.2	5.5	5.3	4.0	5.0	3.8	5.5	5.7	5.4	6.0	5.8	6.2	2.6	5.3
AVANTI	6.0	4.3	3.5	4.3	5.5	4.8	5.0	4.2	4.7	4.5	5.8	5.5	5.6	6.3	5.8	5.7	2.7	5.3
ALAMO (J-1048)	5.5	5.2	4.0	3.7	6.8	5.5	5.3	4.3	5.3	4.0	6.2	5.2	5.7	5.2	5.7	5.8	2.4	5.3
PALISADES (OFI-TF-601)	5.7	3.0	3.5	4.3	6.3	5.2	5.8	4.3	4.8	4.0	5.5	5.2	5.9	5.7	6.0	5.5	2.4	5.3
SAFARI	5.0	5.5	4.2	3.7	6.2	5.2	5.5	4.0	5.1	4.0	5.7	5.2	6.1	6.0	5.8	5.8	2.3	5.3
COCHISE	5.2	3.2	3.2	5.0	5.2	5.0	5.8	3.5	5.0	4.0	5.7	6.0	5.2	5.8	6.0	5.8	2.7	5.3
SR 8200	5.8	3.3	3.7	5.0	6.0	4.7	5.7	3.8	4.9	4.0	5.8	5.5	5.9	5.8	6.2	5.8	2.3	5.3
CAS-MA21	5.7	3.8	3.5	5.0	5.8	5.7	6.0	4.2	4.9	4.3	5.8	5.0	5.8	5.8	5.8	6.2	2.7	5.3
BONANZA II	5.5	4.5	4.4	5.0	5.3	5.7	5.8	4.3	4.8	4.0	5.8	5.3	5.6	5.8	6.0	5.3	2.8	5.3
403	5.8	4.5	3.2	4.3	6.2	5.3	5.8	4.2	4.8	4.0	6.0	5.8	4.9	6.0	6.0	5.2	2.6	5.3
HERITAGE (PSTF-401)	4.7	3.3	3.5	5.0	6.2	5.5	5.8	4.2	4.6	3.8	5.3	5.0	5.3	5.8	6.3	6.2	2.2	5.3
GUARDIAN	4.8	3.8	3.7	5.0	5.3	5.0	5.0	4.7	5.0	3.7	5.5	5.0	5.9	6.0	6.2	6.2	2.4	5.3
TRAILBLAZER II	5.3	4.3	4.0	5.0	5.2	5.0	5.7	3.7	4.8	4.0	5.7	5.7	5.4	6.3	6.3	5.7	2.4	5.3
CHIEFTAIN II (PICK CII)	5.3	3.5	3.3	5.0	5.5	4.8	5.7	4.2	5.6	4.2	5.7	5.7	4.9	6.0	6.0	5.7	2.3	5.3
MONARCH	5.0	4.0	3.8	4.3	4.2	5.5	5.8	4.0	4.7	4.0	5.3	5.0	5.3	5.8	6.2	6.0	2.6	5.2
DUKE	5.3	3.2	3.3	5.0	5.2	5.5	5.8	3.8	5.0	4.0	5.8	5.0	5.7	5.8	6.0	5.7	2.7	5.2
VIRTUE	4.8	4.8	4.0	5.0	6.2	5.3	5.2	3.8	4.4	3.8	5.2	5.7	5.2	5.7	5.8	5.8	2.1	5.2
OLYMPIC II	5.2	4.7	4.3	5.0	5.2	5.5	5.3	4.2	5.3	4.3	5.3	4.8	5.1	6.0	6.2	5.3	2.7	5.2
FINELAWN 88	5.0	4.7	4.3	5.0	5.5	5.5	5.7	4.2	5.3	4.0	5.5	5.5	4.9	6.0	5.3	5.7	2.4	5.1
GENERIC (CAFA 101)	5.3	4.5	4.2	5.0	4.5	5.0	6.5	4.0	5.2	4.0	5.2	5.0	5.4	5.8	6.3	5.0	2.2	5.1
SHENANDOAH	5.0	3.7	3.5	5.0	4.8	5.0	5.8	3.8	4.9	4.5	5.3	5.0	5.6	5.0	6.0	5.7	2.6	5.1
WILDCAT (PSTF-200)	5.5	3.0	3.3	5.0	6.0	5.2	5.8	4.7	4.9	3.8	5.5	5.2	5.3	6.0	6.2	5.3	2.3	5.1
AUSTIN	5.0	3.5	3.7	5.0	5.8	5.3	5.8	3.7	5.0	4.0	5.2	4.8	5.3	5.7	6.7	5.7	2.1	5.1
PSTF-LF	5.0	3.8	3.3	5.0	5.7	5.0	6.2	4.3	4.9	3.8	5.7	4.7	5.2	5.2	5.2	5.2	2.2	5.0
ASTRO 2000	4.8	4.2	4.0	4.3	4.3	5.2	6.0	3.7	5.0	3.8	5.2	5.3	4.8	5.8	5.8	4.8	2.4	5.0
REBEL 3D	5.0	4.2	4.0	4.3	5.2	5.2	6.2	4.2	4.8	4.0	5.2	5.5	5.0	5.0	5.3	5.0	2.1	5.0
PHOENIX	5.7	4.2	4.7	3.7	3.8	5.2	6.7	3.8	4.8	4.2	5.2	4.8	5.0	6.0	6.0	5.3	1.9	5.0
TWILIGHT	5.2	4.7	4.2	4.3	5.0	4.5	5.8	3.8	4.3	4.0	5.0	5.0	4.0	5.5	5.3	5.7	2.2	5.0
BONANZA	5.5	4.3	4.2	5.0	3.8	5.3	5.5	3.3	4.7	3.7	4.8	5.0	4.7	5.7	5.5	5.2	2.1	4.9
ARID	4.5	3.0	3.5	5.0	3.8	5.7	5.8	4.2	5.1	4.0	5.0	4.3	5.1	5.0	6.2	5.0	2.0	4.8
FALCON	4.8	4.2	4.3	4.3	2.8	4.8	6.5	4.2	4.3	3.2	4.5	4.0	3.9	5.0	5.5	5.7	2.1	4.5
ANTHEM	5.3	3.8	3.7	3.7	3.0	5.3	6.0	4.0	4.3	3.0	4.5	4.3	3.7	4.8	4.8	4.7	1.8	4.4
KY-31 NO ENDO.	4.5	3.7	4.0	3.0	1.5	4.3	6.5	3.5	4.1	2.7	3.5	3.3	2.7	4.0	5.8	3.5	1.7	3.6
KY-31 W/ENDO.	4.2	5.2	4.5	2.7	1.0	3.3	5.7	3.0	4.0	2.8	3.5	3.5	2.6	4.0	5.0	2.8	1.3	3.4
LSD VALUE	0.8	1.4	1.2	0.8	1.2	1.0	2.1	1.3	0.6	1.7	0.5	0.5	0.8	0.4	1.0	1.1	0.9	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 9. WEAR TOLERANCE (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/			
NAME	MOL	NAME	MOL
REBEL, JR.	8.3	ASTRO 2000	7.0
ISI-AFA	8.0	ATF-007	7.0
ADOBE (SFL)	7.7	AVALON (ISI-ATK)	7.0
APACHE II (PST-59D)	7.7	BAR FA 0855	7.0
BONSAI PLUS	7.7	BAR FA 214	7.0
CROSSFIRE II (PICK 90-12)	7.7	BONANZA II	7.0
FA-22	7.7	COCHISE	7.0
FINELAWN 88	7.7	CORONADO (PST-RDG)	7.0
FINELAWN PETITE	7.7	DUSTER (ITR-90-2)	7.0
GENERIC (CAFA 101)	7.7	ELDORADO	7.0
GENESIS (GEN-91)	7.7	FALCON II (MB-21-92)	7.0
JAGUAR 3 (ZPS-J3)	7.7	GRANDE (SR 8400)	7.0
BARLEXAS (LEXUS)	7.7	ISI-CRC	7.0
MARKSMAN (MB-23-92)	7.7	KITTYHAWK	7.0
RENEGADE (MB-22-92)	7.7	LEPRECHAUN	7.0
SHENANDOAH	7.7	MICRO DD	7.0
SR 8210	7.7	NINJA (ATF-006)	7.0
STARLET (MB-24-92)	7.7	OLYMPIC II	7.0
SUN PRO (PICK 90-10)	7.7	PHOENIX	7.0
WILDCAT (PSTF-200)	7.7	PRO-9178	7.0
PST-5VC	7.5	PST-5LX	7.0
ALAMO (J-1048)	7.3	PST-5PM	7.0
AUSTIN	7.3	PYRAMID (SIU-1)	7.0
AZTEC	7.3	SR 8300	7.0
BONANZA	7.3	TOMAHAWK	7.0
CAS-LA20	7.3	AVANTI	6.7
CAS-MA21	7.3	BONSAI	6.7
CHIEFTAIN II (PICK CII)	7.3	COYOTE (ZPS-ML)	6.7
DEBUTANTE (WXI-208-2)	7.3	HERITAGE (PSTF-401)	6.7
DUKE	7.3	PST-5DX W/ENDOPHYTE	6.7
EMPRESS (ZPS-E2)	7.3	REBEL 3D	6.7
FA-19	7.3	SAFARI	6.7
GAZELLE (ZPS-VL)	7.3	SOUTHERN CHOICE (MB-25-92)	6.7
GUARDIAN	7.3	TITAN 2 (SR 8010)	6.7
LANCER	7.3	ANTHEM	6.3
MIRAGE (KWS-DSL)	7.3	FALCON	6.3
MONTAUK	7.3	M-2	6.3
PALISADES (OFI-TF-601)	7.3	ARID	6.0
PIXIE	7.3	BAR FA 2AB	6.0
PST-5STB	7.3	PSTF-LF	6.0
SILVERADO	7.3	SHORTSTOP II (PICK 90-06)	6.0
SR 8200	7.3	MONARCH	5.7
TRAILBLAZER II	7.3	HOUNDOG V (ISI-AFE)	5.0
TWILIGHT	7.3	KY-31 NO ENDO.	5.0
VEGAS	7.3	KY-31 W/ENDO.	4.7
VIRTUE	7.3		
403	7.0	LSD VALUE	1.4

1/ WEAR TOLERANCE (SUMMER) RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 10. (CONT')

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	AR1	AR2	CA3	CO1	GAI	IL1	INI	KS1	MD1	MO3	MS1	NE3	NJ2	PA1	PA2	RI1	SD1	SK1	TX1	UB1	VA4	WA1	WI1	MEAN
FA-22	5.0	4.7	8.0	6.0	3.0	5.3	3.3	5.7	3.7	5.0	6.0	4.3	5.0	6.0	5.0	6.0	4.0	4.0	4.7	5.0	5.7	5.0	7.3	5.1
PIXIE	5.0	5.7	8.0	6.0	2.7	5.7	2.0	4.7	4.0	6.3	6.0	3.7	4.0	7.3	5.0	5.3	3.0	5.3	4.0	6.0	6.0	6.0	6.0	5.1
MONARCH	5.0	5.0	8.7	6.3	2.7	4.7	5.3	5.0	3.3	4.5	6.0	3.3	5.0	6.7	4.7	5.0	3.7	4.7	5.0	5.0	6.0	5.3	6.7	5.1
REBEL 3D	4.0	6.0	8.3	6.3	2.7	5.7	4.0	6.0	3.3	5.3	6.0	4.3	4.7	6.3	4.3	5.0	3.3	5.0	5.7	5.3	5.0	5.0	5.0	5.1
BAR FA 0855	4.3	5.3	9.0	6.3	3.0	5.3	3.7	5.7	3.0	5.3	5.7	5.3	4.7	6.0	5.7	4.0	2.3	4.3	5.3	6.3	6.0	5.0	5.0	5.1
SOUTHERN CHOICE (MB-25-92)	4.7	5.3	8.0	6.3	3.0	5.7	4.0	5.3	3.7	5.2	5.7	4.3	4.0	5.0	5.0	5.0	3.0	5.3	6.0	6.0	5.0	5.0	6.0	5.1
MONTAUK	4.7	5.3	7.3	6.7	2.7	5.0	2.7	5.3	3.3	5.7	5.7	5.3	5.0	6.0	5.3	5.0	3.3	4.0	5.7	5.7	5.7	5.0	6.0	5.1
PRO-9178	4.3	5.0	8.3	6.0	2.7	5.0	2.7	5.0	3.3	5.5	6.0	4.0	4.0	6.3	5.0	5.3	3.7	5.0	6.0	5.0	6.0	5.3	6.7	5.1
TOMAHAWK	4.0	6.0	8.3	6.3	3.3	4.7	4.0	4.7	4.0	5.8	6.0	3.3	4.3	7.0	4.0	5.0	3.3	4.3	6.3	4.7	5.7	5.3	5.7	5.1
PST-5STB	4.3	5.7	8.0	6.0	3.3	4.7	2.7	6.3	3.3	5.8	6.0	4.3	4.0	6.0	5.3	5.0	2.7	5.0	5.7	5.3	5.3	5.0	5.7	5.0
DEBUTANTE (WXI-208-2)	5.0	6.0	8.0	5.7	2.7	5.3	3.3	5.0	3.7	4.3	5.7	4.3	4.0	5.7	4.7	5.7	3.0	5.7	6.0	5.0	5.7	5.0	5.3	5.0
DUKE	5.3	4.7	8.7	6.0	3.3	5.0	2.7	5.0	3.0	5.0	5.3	3.7	4.0	6.3	4.3	5.3	3.0	5.7	5.3	6.0	5.3	4.7	6.3	5.0
FA-19	4.3	4.7	8.3	6.3	3.0	5.0	3.0	5.3	3.3	4.8	6.0	4.3	4.0	5.7	5.0	5.3	3.0	5.0	6.0	4.7	6.0	4.7	5.3	4.9
FINELAWN PETITE	4.0	4.3	7.0	5.7	3.0	5.7	3.7	5.3	3.3	6.3	6.0	3.3	3.7	5.7	5.0	5.0	3.3	5.0	5.7	5.7	5.7	4.7	6.3	4.9
ADOBE (SFL)	4.7	6.0	7.7	5.7	3.3	6.7	3.0	5.7	3.0	5.3	6.0	3.7	4.3	6.0	4.0	4.3	3.7	4.3	5.3	5.3	5.3	5.0	5.0	4.9
SR 8210	5.3	5.3	8.0	6.0	3.0	5.3	3.7	5.0	3.3	5.2	5.7	4.0	4.0	5.7	5.3	5.3	3.0	4.7	4.3	4.7	5.0	5.3	6.0	4.9
CROSSFIRE II (PICK 90-12)	4.0	4.7	6.0	5.3	3.3	5.0	3.0	5.3	4.0	5.8	6.0	3.7	3.7	6.0	4.7	3.7	2.7	8.0	5.7	6.0	5.3	5.0	5.7	4.9
BAR FA 2AB	5.3	5.7	8.0	6.0	2.7	4.7	2.7	6.0	3.3	5.5	5.7	4.7	4.0	5.7	4.3	5.3	2.0	4.7	5.0	6.0	5.3	5.0	5.0	4.9
PST-5LX	4.0	4.7	7.3	5.7	2.3	4.7	3.7	5.3	3.3	5.0	5.7	4.0	4.0	6.0	4.3	5.0	2.7	6.3	4.0	6.0	6.0	5.3	7.0	4.9
VEGAS	4.0	5.0	7.3	5.3	2.7	5.7	2.7	6.3	3.0	5.2	5.7	4.3	4.7	6.0	3.7	4.7	2.3	5.3	5.0	6.0	5.7	6.0	5.7	4.9
MARKSMAN (MB-23-92)	4.0	5.0	7.3	6.0	2.7	4.7	3.7	5.0	4.0	5.2	6.0	4.0	4.0	5.3	5.7	5.0	3.3	4.3	5.7	5.3	5.0	5.0	5.3	4.8
BONANZA	5.3	5.3	8.7	6.0	3.0	5.3	2.7	5.3	3.3	4.3	5.7	3.7	5.0	6.0	4.7	4.7	3.0	3.0	4.7	5.0	5.7	5.0	5.0	4.8
DUSTER (IIR-90-2)	4.0	5.0	7.0	6.0	2.0	4.7	3.7	5.0	3.0	6.0	5.7	3.0	4.0	5.7	5.0	5.0	3.0	6.0	5.0	4.7	6.0	5.3	5.3	4.8
PST-5VC	4.3	4.3	7.7	6.0	3.0	5.0	3.3	4.7	3.7	5.3	6.0	4.3	3.3	6.0	5.0	4.3	3.3	4.3	5.0	5.3	5.0	4.7	5.7	4.8
CAS-MA21	5.3	4.3	8.0	4.7	3.3	4.7	2.7	6.3	3.7	5.2	4.7	3.7	4.0	5.3	4.3	4.0	3.0	5.0	5.3	5.3	5.7	4.7	6.0	4.7
ATF-007	4.7	4.7	8.7	5.7	2.7	4.7	2.3	5.3	3.7	4.8	5.3	4.0	4.0	5.0	4.3	4.7	3.0	5.0	5.0	4.7	5.7	5.0	6.0	4.7
NINJA (ATF-006)	3.7	4.7	7.3	5.7	2.7	5.3	3.0	4.7	3.3	6.2	5.3	3.3	4.3	5.7	5.0	5.0	3.3	4.0	4.3	5.7	5.7	5.0	5.7	4.7
BARLEXAS (LEXUS)	3.7	4.3	7.3	6.0	2.7	5.0	2.0	6.0	3.7	5.7	6.0	4.7	3.3	5.7	4.3	4.7	2.0	5.0	4.0	6.7	5.0	5.0	6.0	4.7
PST-5PM	3.7	4.7	7.7	6.0	3.0	5.0	2.7	5.0	3.3	4.7	5.3	3.3	3.7	6.0	5.0	4.7	3.3	5.7	4.7	5.7	5.0	5.0	5.7	4.7
EMPRESS (ZPS-E2)	4.0	4.3	7.7	5.3	2.3	5.3	3.3	4.7	3.0	4.7	5.3	3.7	4.0	6.3	4.3	4.3	3.3	5.3	6.3	5.3	4.7	5.0	6.0	4.7
BAR FA 214	3.7	4.7	7.3	5.7	2.7	5.0	3.3	5.7	3.3	4.5	5.7	4.0	3.7	6.0	4.7	5.3	2.3	5.0	5.7	6.0	4.7	4.7	4.7	4.7
COYOTE (ZPS-ML)	4.3	4.3	7.7	5.7	2.3	5.0	3.0	4.7	3.3	5.3	5.3	4.0	3.7	5.3	4.3	4.7	3.0	5.0	5.3	5.7	5.0	5.0	5.7	4.7
APACHE II (PST-59D)	3.3	5.3	7.0	6.3	2.3	5.0	2.3	5.3	3.7	4.8	5.7	3.3	3.7	5.7	4.7	6.3	3.0	3.7	6.0	3.7	4.7	5.0	6.3	4.7
RENEGADE (MB-22-92)	4.7	4.7	7.3	4.7	3.0	4.0	3.0	5.7	3.7	4.3	5.3	4.3	3.7	4.7	4.7	5.0	3.3	5.3	5.3	5.0	5.3	4.0	5.7	4.6
ALAMO (J-1048)	4.7	4.0	8.3	5.3	2.7	4.7	2.3	5.3	3.3	5.7	5.7	3.7	4.3	5.0	3.7	4.3	3.3	5.3	4.0	4.7	5.3	4.7	5.3	4.6
SUN PRO (PICK 90-10)	3.7	4.0	6.3	5.7	2.0	4.3	3.0	5.7	3.7	5.2	5.7	3.3	3.7	5.3	4.3	4.3	2.3	6.3	5.7	5.3	4.7	4.3	5.3	4.5
GAZELLE (ZPS-VL)	3.7	4.7	7.3	4.7	2.0	5.0	3.3	4.7	3.3	4.8	5.0	4.3	3.3	5.0	4.7	5.3	2.0	5.3	4.3	4.3	5.3	5.7	5.7	4.5
CAS-LA20	4.0	4.7	7.0	5.0	2.7	4.0	2.0	5.0	3.3	4.3	5.3	4.0	4.0	5.0	4.3	5.0	2.3	4.3	5.0	5.3	5.0	4.0	5.7	4.4
CORONADO (PST-RDG)	4.0	4.3	7.0	5.0	3.0	5.3	2.0	4.0	3.0	5.2	5.3	4.0	3.7	4.7	4.7	4.3	2.7	4.0	5.0	4.0	4.7	4.7	4.7	4.3
SHORTSTOP II (PICK 90-06)	3.0	4.0	6.7	5.3	2.0	4.0	2.7	4.7	3.0	3.7	5.3	3.3	2.3	5.7	3.7	3.7	2.3	4.0	5.0	5.7	4.7	5.0	5.7	4.1
STARLET (MB-24-92)	3.3	3.7	6.0	5.7	2.3	4.3	3.0	4.7	3.3	3.8	5.7	3.7	2.3	4.0	4.7	4.3	2.3	3.3	5.7	5.3	4.3	4.0	5.0	4.1
BONSAI	3.0	3.7	6.7	4.3	2.0	5.3	2.0	5.0	2.7	3.7	5.0	3.3	1.3	4.7	5.0	4.3	2.0	5.3	4.0	4.3	5.0	5.3	5.3	4.1
LSD VALUE	1.3	1.7	1.4	1.4	0.9	1.2	2.1	2.1	0.9	1.4	0.6	2.0	0.9	0.9	1.5	1.2	0.9	1.8	1.9	1.5	0.9	0.8	1.5	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 11.

SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/																
	AR1	AR2	AZ1	GA1	GA2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	MEAN
TITAN 2 (SR 8010)	7.7	6.3	7.7	5.0	4.0	6.7	7.7	6.6	7.8	4.7	7.2	6.7	6.2	5.6	6.0	6.7	6.4
JAGUAR 3 (ZPS-J3)	7.5	8.0	7.7	5.2	3.3	6.7	7.6	7.2	7.0	4.6	6.2	5.7	7.0	5.3	7.0	6.3	6.4
FALCON II (MB-21-92)	7.2	7.7	7.7	4.7	3.0	6.7	7.6	7.0	7.5	4.7	7.7	6.0	6.3	4.9	6.7	6.3	6.3
ATF-007	8.2	6.8	7.7	4.5	3.7	7.0	7.8	6.9	7.0	4.2	7.3	6.0	6.3	4.9	6.3	6.3	6.3
SOUTHERN CHOICE (MB-25-92)	8.3	6.2	7.7	5.0	2.3	7.3	7.6	6.3	5.7	4.9	7.8	6.3	6.7	4.7	7.0	7.0	6.3
GRANDE (SR 8400)	7.2	7.0	7.8	5.0	4.0	7.3	7.7	6.7	7.2	4.2	6.8	5.7	6.0	4.7	6.7	6.7	6.3
RENEGADE (MB-22-92)	7.5	7.2	7.7	5.7	3.3	6.7	7.6	7.0	6.7	4.7	6.2	5.7	7.2	5.0	6.3	6.3	6.3
COYOTE (ZPS-ML)	8.3	6.2	7.7	4.8	3.3	7.0	7.7	6.4	6.8	4.6	5.5	6.3	7.0	5.0	7.0	6.7	6.3
PST-5DX W/ENDOPHYTE	7.2	6.8	7.7	5.0	3.3	6.7	7.7	6.9	7.3	4.8	7.3	4.0	6.2	5.1	6.7	7.7	6.3
REBEL, JR.	7.2	6.7	7.8	5.0	3.3	7.7	7.9	6.4	7.0	5.0	6.5	5.0	6.0	5.4	7.0	6.3	6.3
FA-22	8.3	6.5	7.7	4.7	2.7	7.7	7.4	6.7	6.5	4.8	7.2	5.7	6.5	4.0	7.0	7.0	6.3
PIXIE	7.5	6.0	7.7	5.3	2.7	7.0	7.9	6.8	7.8	4.3	6.7	6.7	6.5	4.3	6.3	6.7	6.3
HOUNDDOG V (ISI-AFE)	7.3	6.2	7.7	4.8	2.7	6.7	7.9	7.2	6.7	4.8	6.8	6.3	7.0	4.0	6.7	7.0	6.2
VEGAS	7.8	6.7	7.8	4.7	2.3	7.0	7.3	6.4	6.7	4.2	5.8	7.7	6.7	4.6	7.0	7.0	6.2
OLYMPIC II	6.3	6.0	7.5	5.0	4.0	7.0	7.4	6.7	7.8	4.0	6.8	7.7	5.8	5.1	5.7	6.7	6.2
APACHE II (PST-59D)	7.8	6.5	7.5	5.0	3.7	7.0	7.8	7.1	5.3	4.1	7.0	5.3	6.5	4.1	7.0	7.7	6.2
BAR FA 0855	6.8	6.5	7.7	4.3	3.0	7.0	7.3	6.7	7.3	5.1	6.8	6.0	6.5	5.0	6.7	6.7	6.2
SILVERADO	8.0	6.5	7.0	5.3	3.7	7.7	7.7	6.8	6.3	4.2	6.8	5.7	6.0	5.0	6.3	6.3	6.2
SR 8210	7.7	6.3	7.3	5.0	2.7	7.0	7.8	6.8	7.2	4.6	7.5	6.0	6.3	4.4	6.0	6.7	6.2
NINJA (ATF-006)	8.5	7.0	8.2	4.3	3.7	6.7	7.6	7.4	6.3	4.2	6.3	4.3	7.0	4.9	6.7	6.0	6.2
SR 8300	7.3	7.0	7.5	4.8	2.7	7.3	7.6	6.8	6.7	4.7	6.3	4.7	6.7	5.2	6.7	7.0	6.2
STARLET (MB-24-92)	7.8	6.8	7.7	4.7	3.7	7.3	7.7	6.4	6.5	4.4	6.7	5.0	6.5	4.7	7.0	6.0	6.2
ELDORADO	7.5	6.2	7.5	4.8	4.7	7.3	7.4	6.8	6.8	3.6	6.8	5.7	5.8	4.8	7.0	6.0	6.2
FA-19	8.0	6.5	7.7	4.7	3.3	7.7	7.6	6.9	7.2	4.6	6.8	4.3	7.0	4.6	5.7	6.3	6.2
SR 8200	6.7	5.8	7.7	5.5	4.0	7.3	7.6	6.9	8.0	4.0	7.2	5.0	6.3	4.4	6.0	6.3	6.2
MICRO DD	7.8	5.7	7.5	5.2	3.0	7.3	7.3	6.8	6.5	4.6	6.5	5.3	6.5	5.0	7.0	6.7	6.2
ISI-AFA	7.0	7.5	7.7	5.5	3.7	7.0	7.4	7.3	6.3	3.8	6.5	4.3	6.7	4.8	7.0	6.0	6.2
FINELAWN PETITE	6.7	6.7	7.2	4.8	3.7	6.7	7.8	7.2	8.0	4.4	6.3	4.7	7.0	4.3	7.0	6.0	6.2
BONANZA II	6.5	6.5	7.5	5.5	3.7	7.3	7.3	6.8	7.0	4.4	7.0	5.3	5.5	4.2	7.0	6.7	6.1
DUSTER (ITR-90-2)	8.2	7.5	7.5	3.8	1.7	6.0	7.7	7.4	6.7	4.3	7.0	6.0	6.7	4.4	6.3	7.0	6.1
TOMAHAWK	7.3	7.2	7.5	4.7	3.0	6.7	7.7	7.2	6.0	4.3	6.0	6.7	6.5	5.1	6.0	6.3	6.1
COCHISE	7.5	6.5	7.7	5.0	4.0	7.7	7.4	6.4	6.7	4.2	6.7	4.7	6.5	4.4	6.3	6.3	6.1
MARKSMAN (MB-23-92)	7.3	6.8	7.3	5.2	2.0	6.7	7.7	6.8	6.7	4.3	6.3	5.3	7.0	4.6	7.0	7.0	6.1
EMPRESS (ZPS-E2)	7.7	6.8	7.5	4.7	2.7	7.0	7.8	6.7	6.7	4.4	6.3	5.0	6.0	4.3	6.7	7.7	6.1
GAZELLE (ZPS-VL)	8.0	7.3	7.3	4.2	1.0	6.7	7.7	7.4	6.7	5.0	4.8	6.7	7.7	4.8	6.3	6.3	6.1
CROSSFIRE II (PICK 90-12)	7.0	6.7	7.3	4.7	3.7	7.0	7.9	7.1	7.3	4.1	6.8	4.0	6.0	4.9	6.7	6.7	6.1
AVALON (ISI-ATK)	7.3	5.7	7.8	5.2	2.3	7.3	7.7	6.6	6.5	3.9	6.2	6.3	6.0	5.6	6.3	7.0	6.1
PST-5VC	8.0	7.2	7.2	5.7	3.0	6.5	7.6	6.8	6.3	4.9	6.5	5.3	6.7	4.3	5.7	6.0	6.1
PYRAMID (SIU-1)	6.8	5.8	7.7	4.8	2.7	7.3	7.7	6.4	6.8	4.8	6.5	6.0	5.7	5.1	6.7	6.7	6.1
PST-5PM	7.7	7.3	7.5	4.8	3.3	6.7	7.6	6.6	6.5	3.8	6.2	5.0	6.5	4.4	7.0	6.7	6.1
BAR FA 214	8.5	7.3	7.7	4.5	2.0	6.3	7.3	6.8	6.7	4.4	5.7	6.0	6.2	4.0	7.0	7.0	6.1
BARLEXAS (LEXUS)	7.8	7.5	7.7	4.7	1.3	7.7	7.7	7.6	6.3	5.1	5.5	3.7	6.7	4.1	6.7	7.3	6.1
MONTAUK	7.3	7.2	7.5	4.0	2.7	6.7	7.7	6.6	6.8	4.7	7.3	5.7	6.3	4.2	6.7	6.0	6.1
GUARDIAN	6.8	6.7	7.2	5.3	3.7	6.3	7.8	6.7	7.3	4.7	6.5	5.7	6.3	5.0	6.0	5.3	6.1
M-2	6.8	6.0	7.7	5.2	2.7	7.0	7.6	6.1	7.5	4.2	7.5	6.0	6.3	5.0	5.7	6.0	6.1
LANCER	8.2	5.3	7.7	4.3	3.0	7.0	7.6	7.2	6.8	4.6	7.2	4.0	5.8	4.7	7.0	6.7	6.1
PST-5LX	8.0	5.8	7.3	4.3	3.0	7.0	7.4	7.1	5.8	4.6	7.0	4.0	7.2	4.7	7.7	6.0	6.1
WILDCAT (PSTF-200)	5.3	6.7	7.3	5.5	2.7	7.7	7.1	6.6	6.5	4.3	6.7	7.0	5.5	4.8	6.0	7.3	6.1
ASTRO 2000	6.2	6.0	7.7	4.8	3.7	7.0	7.7	6.7	6.8	4.3	6.7	8.3	5.7	4.7	5.3	5.3	6.1
PRO-9178	8.2	6.7	7.5	4.7	1.7	7.3	7.6	6.6	6.8	4.3	6.0	6.0	5.8	4.9	6.3	6.3	6.0

TABLE 11. (CONT'D)

SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	AR1	AR2	AZ1	GA1	GA2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	MEAN
KITTYHAWK	7.5	6.0	7.7	4.3	2.7	7.3	7.7	6.7	6.8	4.2	6.7	5.7	6.0	4.3	5.7	7.3	6.0
GENESIS (GEN-91)	7.3	6.7	7.2	4.0	3.0	7.0	7.9	7.0	6.2	5.1	6.5	5.0	6.8	4.6	6.3	6.0	6.0
CORONADO (PST-RDG)	7.7	7.3	7.2	4.7	4.0	6.3	7.7	7.2	6.5	4.9	6.7	2.7	5.8	4.7	6.7	6.3	6.0
LEPRECHAUN	8.2	6.0	7.5	4.2	3.7	7.3	7.7	6.8	6.8	4.4	5.3	3.7	6.7	5.0	7.0	6.0	6.0
PALISADES (OFI-TF-601)	6.8	6.8	7.5	4.2	2.3	6.7	7.6	6.9	6.8	4.2	6.0	6.0	6.7	5.0	6.7	6.0	6.0
ISI-CRC	6.8	6.3	7.5	5.8	2.7	6.7	7.2	7.0	6.7	4.0	5.7	6.0	5.7	4.8	6.3	7.0	6.0
HERITAGE (PSTF-401)	7.2	5.7	7.5	4.8	3.7	7.3	7.3	6.3	7.2	4.3	6.3	6.0	5.2	4.2	6.7	6.3	6.0
CHIEFTAIN II (PICK CII)	7.0	6.3	7.5	4.2	2.7	7.0	7.7	6.6	6.5	4.3	6.0	6.0	6.5	5.1	6.0	6.7	6.0
SHENANDOAH	6.2	5.7	7.2	5.2	3.3	7.3	7.6	7.0	6.2	4.4	6.8	5.7	5.8	5.0	6.0	6.7	6.0
GENERIC (CAFA 101)	5.8	5.8	7.2	4.7	2.7	6.7	7.4	6.3	7.5	4.2	7.0	6.0	6.2	5.3	7.0	6.0	6.0
BAR FA 2AB	6.8	7.2	7.2	4.3	3.3	7.0	7.6	6.8	5.7	5.0	6.7	5.0	6.2	4.4	5.7	7.0	6.0
MIRAGE (KWS-DSL)	7.8	6.0	7.3	5.0	3.0	7.0	7.6	6.4	6.3	4.2	7.2	5.3	5.5	4.7	7.0	5.3	6.0
403	7.2	6.7	7.3	4.5	3.7	6.7	7.9	6.4	6.5	4.3	6.7	5.7	5.5	4.3	6.3	6.0	6.0
DEBUTANTE (WXI-208-2)	7.3	6.5	7.0	5.0	3.0	7.0	7.8	6.6	6.0	4.6	6.2	5.0	5.7	4.8	7.3	6.0	6.0
PST-5STB	7.7	6.0	7.0	4.5	3.0	6.3	7.6	6.9	6.3	4.3	6.8	5.0	6.2	5.0	6.7	6.3	6.0
SAFARI	6.7	7.0	7.7	5.2	3.0	6.3	7.3	6.8	6.3	4.2	7.2	5.3	5.7	5.2	5.7	6.0	6.0
ADOBE (SFL)	7.7	5.3	7.5	5.0	3.0	6.7	7.8	6.7	6.7	4.3	6.5	5.3	6.2	4.6	6.0	6.3	6.0
BONSAI PLUS	7.2	6.8	7.7	4.3	3.7	7.7	7.6	6.7	6.8	4.4	5.8	5.0	5.7	4.1	6.0	6.0	6.0
AUSTIN	6.5	6.5	7.5	5.2	3.0	7.0	7.2	6.3	5.7	4.0	7.7	5.7	6.2	4.9	6.0	6.0	6.0
PSTF-LF	6.7	5.8	7.3	5.2	3.3	6.7	7.3	6.4	6.8	4.6	6.7	6.0	5.5	4.6	5.7	6.7	6.0
AZTEC	6.7	6.2	7.8	4.7	3.0	6.0	7.6	6.4	6.3	3.8	6.3	5.3	6.7	5.1	7.3	6.0	6.0
DUKE	7.0	6.8	7.5	5.0	2.7	7.0	7.7	6.6	6.2	4.2	6.3	4.7	6.2	4.1	7.3	6.0	6.0
VIRTUE	6.8	6.0	7.7	3.8	1.3	7.3	7.2	6.9	7.0	4.8	6.8	6.0	6.3	4.8	5.7	6.7	5.9
FINELAWN 88	6.5	6.8	7.3	4.8	3.7	7.0	7.3	6.6	6.5	3.9	7.0	3.7	5.3	5.3	7.0	6.3	5.9
REBEL 3D	6.3	6.5	7.2	4.5	3.3	7.3	7.6	6.2	7.0	4.4	6.7	4.3	5.5	4.9	7.3	6.0	5.9
PHOENIX	6.0	6.2	7.3	4.8	3.3	7.7	7.1	5.7	6.7	4.0	5.8	7.0	5.8	5.2	6.0	6.3	5.9
BONSAI	8.7	6.0	7.3	3.8	2.7	7.3	7.6	6.9	6.7	4.2	5.5	3.7	6.3	4.4	6.3	7.3	5.9
AVANTI	6.3	6.0	7.8	5.3	1.7	7.0	7.6	6.4	7.2	4.4	6.5	4.0	6.7	4.7	6.0	6.3	5.9
SHORTSTOP II (PICK 90-06)	8.2	6.5	7.2	4.2	3.3	7.0	7.9	6.8	6.7	4.4	6.0	3.0	5.7	4.1	6.3	6.7	5.9
ALAMO (J-1048)	7.2	5.5	7.7	4.3	2.7	7.0	7.3	6.9	7.0	3.9	6.7	4.0	6.3	5.0	6.3	6.0	5.9
SUN PRO (PICK 90-10)	8.5	6.0	7.5	4.2	2.7	6.7	7.6	7.2	6.3	4.0	6.2	3.7	6.3	4.2	6.7	6.0	5.9
MONARCH	6.7	6.0	7.5	4.5	3.3	6.7	7.7	5.8	6.7	3.9	7.3	4.7	5.3	4.8	6.0	6.3	5.8
BONANZA	6.2	5.3	7.7	4.7	2.7	6.3	7.2	6.0	7.3	4.0	7.2	5.3	6.2	4.7	6.7	5.7	5.8
CAS-MA21	6.8	6.5	7.7	4.2	3.0	7.0	7.6	6.8	6.2	4.3	7.2	2.3	6.3	4.3	5.7	6.7	5.8
TRAILBLAZER II	6.8	6.8	7.7	5.0	2.0	6.7	7.7	6.3	5.7	4.3	6.7	3.7	6.0	4.4	6.7	6.0	5.8
ARID	5.0	5.3	7.0	5.7	3.3	6.3	6.9	5.8	6.7	4.1	6.5	6.7	6.2	5.3	5.7	5.7	5.8
CAS-LA20	7.3	7.2	7.3	4.0	3.7	7.0	7.8	6.3	6.5	4.1	5.7	2.5	6.7	4.1	5.7	6.0	5.7
ANTHEM	5.3	5.3	7.3	4.3	2.7	7.0	6.8	5.9	8.0	3.7	7.5	7.0	5.2	4.6	5.3	3.7	5.6
FALCON	4.8	5.2	7.2	5.5	3.0	7.0	6.3	6.0	7.5	3.4	7.2	4.0	5.3	4.9	7.0	5.0	5.6
TWILIGHT	7.3	5.0	7.2	4.7	3.0	6.3	7.3	6.1	5.8	3.2	6.3	3.3	4.7	4.1	6.0	6.0	5.4
KY-31 W/ENDO.	3.7	3.7	6.8	5.2	2.7	6.3	6.0	4.4	7.2	3.7	5.0	7.3	3.8	5.6	5.7	3.7	5.0
KY-31 NO ENDO.	4.2	4.5	6.8	5.3	2.3	6.7	6.2	4.3	6.7	3.4	6.2	5.0	4.3	5.4	5.3	3.3	5.0
LSD VALUE	0.9	1.4	1.1	1.1	2.5	0.8	1.2	1.0	1.3	0.8	2.3	2.9	1.2	0.9	0.8	1.2	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 12.

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/																			MEAN
	AL1	AR1	AR2	AZ1	BC1	CA1	GA1	KS2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	
ATF-007	3.0	7.3	6.0	6.7	6.5	6.8	5.7	8.7	7.0	7.7	6.0	6.5	5.9	7.7	6.7	7.0	6.1	6.0	7.0	6.5
PIXIE	3.0	7.0	6.7	7.0	6.8	6.8	5.3	7.3	7.0	7.8	5.8	6.7	5.9	7.0	6.7	7.0	5.8	6.3	7.0	6.5
FA-22	2.0	7.3	6.3	7.3	7.0	7.0	5.3	6.7	7.0	7.8	5.6	6.5	6.1	7.5	6.7	6.7	5.9	7.0	7.0	6.5
JAGUAR 3 (ZPS-J3)	2.3	7.3	6.7	6.7	6.5	6.7	5.3	7.3	7.3	7.8	6.1	6.5	6.0	6.7	6.7	6.3	6.8	6.7	7.0	6.5
CROSSFIRE II (PICK 90-12)	2.3	6.7	7.0	7.0	6.8	7.0	5.3	7.7	7.3	7.7	5.9	6.7	5.4	7.8	4.7	7.0	6.0	7.3	7.0	6.5
TITAN 2 (SR 8010)	2.7	7.0	6.3	6.3	6.7	6.8	5.3	6.7	6.7	7.8	5.6	7.3	5.6	7.5	7.3	6.7	7.0	6.3	7.0	6.5
MARKSMAN (MB-23-92)	3.0	6.3	6.7	6.3	6.5	7.0	5.0	7.0	6.7	7.9	6.0	6.3	6.1	6.5	7.7	7.0	6.1	7.0	7.0	6.4
SR 8210	2.7	6.3	6.7	7.0	6.7	6.7	5.7	7.0	7.0	7.8	5.6	6.7	5.8	7.3	6.7	7.0	6.2	6.3	7.0	6.4
DUSTER (ITR-90-2)	2.7	6.0	6.7	7.7	6.5	6.8	5.3	7.0	7.0	7.9	6.4	6.0	5.6	7.0	6.7	7.0	5.9	6.7	7.0	6.4
RENEGADE (MB-22-92)	2.0	6.0	6.3	6.7	7.0	6.7	6.3	7.0	7.0	8.0	5.9	5.8	6.9	6.5	6.7	7.0	6.7	6.7	6.7	6.4
SOUTHERN CHOICE (MB-25-92)	2.3	6.3	7.0	6.3	6.3	7.0	6.0	7.7	7.3	7.9	5.9	5.0	6.2	7.3	5.7	7.3	6.1	7.0	7.0	6.4
NINJA (ATF-006)	2.0	7.7	6.7	7.7	7.0	6.7	5.3	7.7	6.7	7.9	6.2	6.2	5.2	6.3	5.3	6.7	6.6	7.0	7.0	6.4
PST-5DX W/ENDOBYTE	2.7	7.3	7.0	7.0	6.2	6.8	5.3	7.3	6.3	8.1	5.8	5.8	5.8	7.5	4.7	7.3	6.2	6.7	7.7	6.4
FALCON II (MB-21-92)	2.7	6.3	6.7	6.0	6.5	6.8	5.0	7.7	7.0	8.0	6.2	6.8	6.4	7.5	5.7	6.0	6.1	7.0	7.0	6.4
GRANDE (SR 8400)	3.0	7.3	6.7	6.0	6.8	6.5	5.3	7.3	7.0	7.9	5.6	7.3	5.0	7.0	5.7	6.3	6.0	7.3	7.3	6.4
REBEL, JR.	2.7	7.0	5.7	7.0	6.7	6.7	5.7	7.7	7.3	7.7	5.7	6.2	6.7	6.5	5.7	6.3	6.3	7.0	7.0	6.4
PST-5LX	2.7	6.3	7.0	7.0	6.3	6.7	6.0	7.3	7.0	7.6	6.2	6.2	5.8	7.2	4.7	6.3	6.0	8.0	7.0	6.4
BAR FA 0855	2.3	7.0	6.3	7.3	6.0	6.7	5.0	7.3	7.0	7.7	5.8	6.3	6.0	7.7	6.3	6.7	5.9	6.7	7.0	6.4
MICRO DD	2.7	7.0	5.3	7.3	6.5	6.8	5.7	8.0	6.7	7.8	5.9	5.8	5.8	6.7	6.3	6.7	6.0	7.0	7.0	6.4
PYRAMID (SIU-1)	2.3	6.7	6.3	7.0	6.3	7.0	5.3	7.7	7.3	7.8	5.5	5.8	5.6	7.0	6.3	6.3	6.3	7.0	7.0	6.4
COYOTE (ZPS-ML)	2.7	7.7	6.3	6.3	6.7	6.8	5.3	7.0	6.7	7.9	5.9	6.2	5.9	5.8	5.7	7.3	6.3	7.0	7.0	6.3
DEBUTANTE (WXI-208-2)	2.3	6.7	6.3	5.7	6.2	7.0	5.0	8.0	7.0	8.0	5.8	5.5	6.2	6.8	6.0	7.0	6.3	7.7	7.0	6.3
PRO-9178	3.0	6.7	6.7	6.0	7.3	6.8	5.0	7.0	7.7	5.6	6.0	5.1	7.3	6.7	6.7	6.2	6.7	7.0	7.0	6.3
LANCER	2.3	7.0	6.0	6.7	6.7	6.8	5.7	7.3	7.0	7.7	6.2	5.8	6.1	7.5	4.7	6.3	6.4	7.0	7.0	6.3
LEPRECHAUN	2.7	7.3	6.3	5.7	6.5	6.8	5.3	7.0	7.0	7.8	6.1	6.7	5.9	5.8	5.7	6.7	6.4	7.3	7.0	6.3
HOUNDOG V (ISI-AFE)	2.0	6.3	7.3	6.0	6.3	6.7	5.3	7.3	6.0	7.9	6.1	5.8	6.4	7.2	6.7	6.7	5.9	7.0	7.0	6.3
PST-5PM	2.3	6.7	6.3	6.3	6.8	6.2	5.0	8.0	6.7	7.7	6.0	6.2	5.6	6.7	6.3	7.3	5.8	7.0	7.0	6.3
SILVERADO	2.7	7.0	6.3	7.0	6.3	6.7	5.3	7.3	7.7	7.8	5.9	5.7	6.0	6.7	5.3	6.0	6.3	6.7	7.0	6.3
STARLET (MB-24-92)	2.7	6.7	6.7	6.0	6.7	7.0	5.3	7.3	7.3	8.0	6.2	5.8	6.2	6.8	4.7	6.7	5.8	6.7	7.0	6.3
BAR FA 214	2.3	7.3	6.7	6.3	6.7	6.8	5.3	6.7	6.3	7.4	5.8	6.3	5.4	5.7	6.7	7.0	6.1	7.3	7.0	6.3
M-2	2.0	5.7	6.3	6.3	6.8	6.8	6.0	6.7	6.7	7.9	5.4	6.5	5.2	7.2	7.0	6.7	6.3	6.7	7.0	6.3
MONTAUK	2.0	6.7	6.3	6.0	5.7	6.3	5.7	7.0	6.7	7.7	5.6	6.3	6.6	7.7	6.7	6.7	5.8	7.0	7.0	6.3
REBEL 3D	2.7	7.0	6.3	7.3	5.8	6.7	5.7	7.3	7.3	7.4	5.7	6.0	6.0	7.5	5.3	5.0	5.8	7.3	7.0	6.3
PALISADES (OFI-IF-601)	3.0	7.3	6.3	7.0	6.2	6.5	5.0	7.3	6.7	7.7	5.8	6.0	5.4	7.0	6.3	6.0	5.9	6.7	7.0	6.3
CORONADO (PST-RDG)	2.7	6.3	6.0	7.3	6.7	6.8	5.7	7.3	6.3	7.8	6.4	5.5	6.0	7.8	4.7	6.0	5.7	7.0	7.0	6.3
SUN PRO (PICK 90-10)	2.3	7.7	6.7	6.7	6.8	6.8	5.3	7.0	7.0	7.8	6.1	5.7	5.1	6.5	5.0	7.3	5.9	6.3	7.0	6.3
MIRAGE (KWS-DSL)	3.0	6.3	5.7	6.7	6.8	6.8	5.3	6.7	7.0	7.6	5.6	6.0	5.9	7.2	5.3	7.0	6.4	7.0	6.7	6.3
ISI-AFA	2.3	6.0	7.3	6.3	6.0	6.8	5.7	8.0	7.3	7.7	6.1	6.2	5.0	6.5	5.0	6.3	6.4	6.7	7.0	6.2
PST-5STB	2.7	7.3	6.0	7.3	6.5	6.7	5.0	6.7	6.3	7.6	5.9	6.0	6.1	6.7	6.0	6.0	6.0	7.0	7.0	6.2
PST-5VC	2.7	6.7	7.3	7.3	6.7	6.3	4.7	7.0	6.0	7.8	5.6	6.2	6.3	6.7	5.0	7.3	6.1	6.0	7.0	6.2
BARLEXAS (LEXUS)	2.3	6.0	7.3	6.3	6.3	6.3	5.3	7.3	7.7	7.9	5.9	5.8	6.3	6.5	4.7	6.7	5.8	7.0	7.0	6.2
ELDORADO	2.7	6.3	7.0	8.0	5.7	6.7	5.7	6.0	7.3	7.4	5.7	6.0	4.9	7.2	6.7	5.3	6.3	6.7	7.0	6.2
TOMAHAWK	2.3	6.3	6.7	6.7	6.7	6.7	5.3	7.0	7.0	7.7	6.2	5.5	5.7	6.3	6.0	6.3	6.3	6.7	7.0	6.2
FINELAWN PETITE	2.3	7.0	6.7	7.3	6.3	6.8	5.3	6.3	7.0	7.7	6.0	6.5	5.6	6.5	5.3	5.3	5.9	7.3	7.0	6.2
SHORTSTOP II (PICK 90-06)	3.0	6.7	7.0	7.0	6.8	6.7	5.0	7.0	6.7	7.8	6.0	5.7	6.0	7.2	4.0	7.0	5.4	6.3	7.0	6.2
VEGAS	2.3	6.0	6.0	7.0	6.3	6.8	5.3	7.0	7.0	7.6	5.6	6.2	5.7	6.5	7.7	5.7	5.6	7.0	7.0	6.2
COCHISE	2.7	6.3	6.3	6.0	6.8	6.8	5.0	7.0	7.3	7.6	5.9	6.0	5.3	7.2	5.7	6.3	5.7	7.0	7.0	6.2
FA-19	3.0	7.0	6.0	6.7	6.2	6.7	5.0	7.0	7.0	7.4	5.7	6.5	6.1	6.8	5.0	7.0	5.9	6.0	7.0	6.2
APACHE II (PST-59D)	2.7	6.3	6.3	7.0	6.5	7.0	5.7	6.0	7.3	7.7	6.2	5.2	5.4	7.0	6.0	5.7	5.6	7.3	7.0	6.2
AVALON (ISI-ATK)	2.3	7.3	5.7	6.0	6.3	7.0	4.7	6.3	7.0	7.9	5.7	6.0	5.0	6.7	6.3	7.3	6.3	7.0	7.0	6.2

TABLE 12. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY																			
	AL1	AR1	AR2	AZ1	BC1	CA1	GA1	KS2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	MEAN
ALAMO (J-1048)	2.3	6.3	5.3	6.7	6.2	6.5	5.3	6.7	7.3	7.3	6.0	6.5	5.6	7.3	6.3	6.3	6.4	6.3	7.0	6.2
GENERIC (CAFA 101)	2.0	6.7	6.0	6.7	6.5	6.7	4.7	7.0	7.0	7.6	5.6	6.7	5.2	7.2	6.3	6.0	6.4	7.0	6.7	6.2
BONANZA II	2.3	6.3	6.0	7.0	6.2	6.8	5.3	6.3	7.3	7.7	5.8	6.3	5.2	7.2	6.3	6.0	5.6	7.0	7.0	6.2
DUKE	3.0	6.3	6.7	7.0	6.2	6.7	4.7	7.7	6.7	7.8	5.9	5.2	5.4	6.8	5.0	6.3	5.9	7.3	7.0	6.2
GAZELLE (ZPS-VL)	2.3	6.7	5.0	6.0	5.8	7.0	5.0	7.3	7.0	8.0	6.6	6.0	7.2	5.2	6.0	6.7	6.2	6.0	7.3	6.2
SR 8200	2.7	5.3	6.7	6.0	6.5	6.8	5.7	6.7	7.3	7.3	6.2	6.8	5.1	6.8	6.0	6.0	6.0	6.3	7.0	6.2
BAR FA 2AB	2.3	6.7	5.7	7.7	6.8	6.7	5.3	7.0	6.7	7.6	5.8	6.3	5.8	6.8	6.0	5.3	5.7	6.0	7.0	6.2
GENESIS (GEN-91)	2.0	6.0	6.7	7.0	6.5	6.5	5.3	7.3	7.0	7.8	5.8	4.7	6.4	6.5	6.0	6.0	5.9	6.7	7.0	6.2
SHENANDOAH	2.0	5.7	6.0	6.3	6.3	6.3	5.3	7.0	7.7	7.7	5.6	6.2	5.9	7.5	6.7	5.7	6.1	6.0	7.0	6.2
EMPRESS (ZPS-E2)	2.3	6.7	5.3	6.7	6.3	6.7	5.3	7.7	7.3	7.7	6.0	5.5	6.0	7.0	4.3	7.0	5.7	6.3	7.0	6.1
AZTEC	2.0	6.3	6.3	6.7	6.3	6.5	5.3	6.3	6.7	7.6	5.4	5.8	4.7	6.8	6.7	6.7	6.0	7.3	7.0	6.1
MONARCH	2.3	7.3	6.3	7.0	6.2	6.5	5.3	6.7	6.7	7.4	5.6	5.8	4.8	7.0	6.3	5.7	6.2	6.3	7.0	6.1
FINELAWN 88	2.0	6.0	6.3	7.7	6.2	6.7	5.7	6.0	7.3	7.3	5.9	6.5	5.3	7.7	4.0	6.0	5.9	7.0	7.0	6.1
403	3.0	6.3	5.7	6.7	6.5	6.5	5.3	7.0	7.0	7.6	5.8	6.0	5.6	6.8	6.0	5.7	5.7	6.3	7.0	6.1
HERITAGE (PSTF-401)	2.3	6.3	6.0	6.7	6.3	6.8	5.0	6.7	7.0	7.7	5.6	6.2	5.7	6.5	6.7	6.0	5.3	7.0	6.7	6.1
BONSAI	2.3	7.0	5.0	7.0	6.8	6.8	4.7	6.3	7.0	7.7	5.9	5.5	6.0	6.7	4.0	7.3	6.7	6.3	7.3	6.1
AVANTI	2.0	6.7	6.3	7.3	6.5	6.7	5.3	5.7	7.0	7.8	5.2	6.3	5.8	6.2	5.3	6.7	5.7	6.7	7.0	6.1
KITTYHAWK	2.3	6.7	6.0	6.3	6.7	6.8	5.0	6.7	7.0	7.9	5.6	5.7	4.7	7.0	6.7	6.0	6.0	6.0	7.0	6.1
BONSAI PLUS	2.0	6.0	7.3	6.7	6.2	6.7	5.3	7.3	7.7	7.7	5.4	5.8	5.7	6.3	5.0	6.0	5.4	6.3	7.0	6.1
CHIEFTAIN II (PICK CII)	2.0	5.7	5.7	6.7	6.8	6.7	5.0	7.0	7.3	7.8	5.7	6.0	5.4	6.5	6.3	5.7	6.3	6.3	7.0	6.1
ASTRO 2000	2.0	6.0	6.0	8.0	6.3	7.0	5.7	5.7	6.7	7.3	5.7	6.2	5.8	7.2	7.0	5.3	6.0	5.7	6.3	6.1
SR 8300	2.3	6.7	6.3	6.0	6.2	6.7	5.0	5.3	7.3	7.7	5.7	5.5	5.8	7.0	5.0	6.0	6.7	7.0	7.7	6.1
GUARDIAN	2.7	6.0	5.7	6.3	6.2	6.7	5.0	7.0	6.7	7.8	5.7	6.5	6.2	7.0	5.0	6.3	6.2	6.3	6.3	6.1
ADOBE (SFL)	2.0	7.0	6.0	6.3	6.5	6.7	6.3	6.7	6.7	7.9	6.0	5.5	5.4	6.8	4.0	6.7	6.0	6.0	7.0	6.1
VIRTUE	3.0	6.0	6.0	7.0	6.5	6.7	5.0	6.7	7.3	7.7	5.9	6.0	6.2	7.2	4.3	5.0	5.8	6.0	7.0	6.1
TRAILBLAZER II	2.0	5.7	7.0	6.3	6.5	6.5	5.7	6.7	6.7	7.7	5.8	5.3	6.0	6.8	5.0	5.7	5.7	7.0	7.0	6.0
PSTF-LF	2.3	6.7	5.3	6.3	5.8	6.8	5.3	6.3	6.7	7.8	5.8	6.3	5.4	7.2	7.3	5.0	5.9	5.7	6.7	6.0
BONANZA	2.3	5.0	6.3	7.3	6.2	6.8	5.3	6.3	6.3	7.4	5.1	6.3	5.2	7.3	6.3	5.7	5.9	7.0	6.0	6.0
AUSTIN	2.3	6.3	6.0	6.3	5.7	6.8	5.3	6.0	7.3	7.7	5.4	5.7	5.0	7.3	6.3	5.3	6.0	6.7	6.7	6.0
OLYMPIC II	2.7	6.0	5.0	6.3	6.2	6.7	5.0	5.7	7.0	7.6	5.2	6.7	5.3	6.5	7.0	5.7	6.3	6.0	7.3	6.0
SAFARI	2.0	6.3	5.3	5.7	6.0	7.0	5.0	6.3	6.3	7.3	5.9	5.5	6.0	7.2	6.3	6.0	6.6	6.0	7.0	6.0
WILDCAT (PSTF-200)	2.3	5.7	6.0	6.3	5.3	6.8	5.3	5.7	7.3	7.7	5.6	6.2	5.4	6.5	7.3	6.0	5.9	5.3	7.0	6.0
ISI-CRC	2.0	6.3	6.0	6.0	6.0	6.3	5.0	6.3	7.0	7.8	5.9	5.8	5.3	6.3	6.3	6.0	6.0	6.0	7.0	6.0
PHOENIX	2.7	5.7	5.7	7.0	5.7	6.7	4.7	5.7	7.0	7.6	5.0	6.7	5.3	5.5	7.3	6.0	6.0	5.7	7.0	5.9
CAS-MA21	2.0	5.3	6.3	6.7	6.0	6.8	5.0	6.0	7.0	7.7	5.6	5.3	5.3	7.7	3.7	6.3	6.0	6.3	7.0	5.9
CAS-LA20	2.0	7.0	6.0	6.3	6.0	6.8	4.7	7.3	7.0	7.7	5.7	5.7	5.4	6.3	3.0	6.0	5.6	5.7	7.0	5.9
ARID	2.0	6.0	5.0	7.0	5.7	6.8	4.7	6.7	6.3	7.1	5.0	5.7	5.4	6.2	6.7	5.0	6.3	6.0	6.3	5.8
FALCON	2.3	5.3	4.7	7.0	6.0	6.8	5.0	5.7	7.0	6.8	5.2	6.7	4.9	7.2	6.0	4.7	5.9	7.3	5.0	5.8
ANTHEM	3.0	4.7	4.7	7.3	5.7	6.0	5.0	4.7	7.0	6.8	4.9	7.0	5.4	7.2	7.3	5.3	5.9	5.3	5.3	5.7
TWILIGHT	3.3	5.7	5.7	6.7	6.0	6.8	5.7	6.3	6.3	7.6	5.4	5.5	4.3	7.0	4.0	3.7	4.9	6.0	7.0	5.7
KY-31 NO ENDO.	2.7	3.7	3.7	6.3	4.5	5.5	5.0	4.7	6.7	6.6	4.0	6.5	4.2	6.5	6.0	3.7	5.9	4.7	5.0	5.0
KY-31 W/ENDO.	2.0	4.0	3.3	6.3	4.7	5.3	4.3	4.3	5.7	6.3	3.8	6.5	4.4	5.7	7.7	4.0	5.7	6.0	5.0	5.0
LSD VALUE	1.1	1.4	1.4	1.5	0.9	0.6	1.1	1.6	0.9	1.0	0.9	1.3	1.1	2.2	2.7	1.0	0.8	0.8	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 13.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/																			MEAN
	AL1	AR1	AR2	AZ1	BC1	CA1	GA1	GA2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	
JAGUAR 3 (ZPS-J3)	4.0	6.7	6.7	8.5	6.3	7.0	6.6	2.8	7.7	7.9	7.2	6.2	6.0	7.7	5.3	8.7	7.7	7.0	6.7	6.7
FALCON II (MB-21-92)	4.7	6.5	6.3	8.3	6.3	7.0	6.3	3.2	7.3	7.9	7.1	6.2	6.1	8.3	5.3	7.3	7.1	7.0	7.0	6.6
CROSSFIRE II (PICK 90-12)	3.3	7.2	6.8	8.5	6.3	7.0	6.2	3.0	8.0	7.7	7.6	7.0	5.7	8.2	4.3	7.7	7.0	7.3	6.3	6.6
REBEL, JR.	4.3	7.3	5.8	8.5	6.5	6.8	6.2	3.0	8.0	8.1	6.9	4.8	6.6	7.7	5.3	8.0	7.3	7.3	6.3	6.6
PST-5DX W/ENDOHYTE	4.0	7.3	5.3	8.5	6.2	7.0	6.3	3.4	7.0	8.0	7.4	5.8	5.7	8.2	4.3	7.7	7.6	7.0	7.7	6.5
FA-19	3.7	7.7	5.8	8.5	6.7	7.0	6.0	3.2	8.0	8.0	6.9	5.7	6.3	7.7	5.0	8.0	7.1	6.0	7.0	6.5
DEBUTANTE (WXI-208-2)	4.0	7.3	5.2	8.5	6.7	7.0	6.7	3.5	7.3	7.7	7.1	4.5	5.9	8.2	5.0	7.7	7.2	8.0	6.7	6.5
EMPRESS (ZPS-E2)	3.3	8.2	6.5	8.5	6.3	7.0	6.2	2.8	7.3	7.8	7.8	6.3	6.1	8.2	3.0	7.3	7.0	7.0	7.3	6.5
SR 8200	4.3	7.0	5.8	8.5	6.5	7.0	6.4	3.5	7.3	7.4	7.1	7.8	5.2	8.0	4.7	6.7	7.2	7.0	6.3	6.5
FINELAWN PETITE	3.0	7.5	5.7	8.5	6.3	7.0	6.0	3.3	7.3	7.9	7.7	6.3	5.9	7.3	5.3	7.0	7.4	7.7	6.7	6.5
SR 8210	3.7	7.7	6.0	8.5	6.3	7.0	6.4	2.3	7.0	7.8	6.8	7.0	5.8	8.2	5.0	7.3	7.1	7.0	7.0	6.5
GRANDE (SR 8400)	3.7	7.2	7.0	8.5	6.8	7.0	5.8	3.3	7.7	7.8	6.7	6.7	5.0	7.8	5.3	7.3	7.1	7.0	6.0	6.5
HOUND OG V (ISI-AFE)	4.0	7.7	6.0	8.5	6.3	7.0	5.4	2.8	6.0	8.3	7.0	6.5	6.1	8.0	4.7	8.3	6.9	7.0	7.0	6.5
STARLET (MB-24-92)	4.3	7.0	5.7	8.5	6.7	7.0	6.3	2.8	7.7	8.1	7.4	4.7	6.2	8.0	4.0	8.3	7.0	7.0	6.7	6.5
CORONADO (PST-RDG)	4.3	7.5	6.8	8.5	5.8	7.0	6.3	3.7	7.3	8.0	7.6	5.8	5.8	8.2	3.7	6.7	7.2	7.0	6.0	6.5
PST-5PM	4.0	6.7	5.8	8.5	6.2	7.0	6.4	2.8	7.0	7.9	7.2	6.5	5.3	8.0	5.0	7.3	7.1	7.3	7.0	6.5
BAR FA 0855	3.7	7.2	5.5	8.5	6.7	7.0	5.7	2.3	7.0	7.7	6.7	7.3	6.0	8.2	6.0	7.0	7.4	6.7	6.7	6.5
RENEGADE (MB-22-92)	3.7	7.2	6.3	8.5	6.3	7.0	6.8	3.2	7.3	7.8	6.9	6.0	6.7	7.5	4.3	7.7	7.7	6.7	5.7	6.5
SOUTHERN CHOICE (MB-25-92)	4.0	7.5	6.0	8.5	6.2	7.0	6.3	3.2	7.7	8.0	7.2	4.2	6.2	8.0	4.7	7.7	7.0	7.0	6.7	6.5
DUSTER (ITR-90-2)	4.3	7.5	5.8	8.5	6.5	7.0	5.3	2.4	7.3	7.9	7.6	5.8	5.6	7.8	5.7	7.0	7.4	7.0	6.3	6.5
APACHE II (PST-59D)	4.0	6.7	6.0	8.5	6.2	7.0	6.4	2.8	7.7	8.1	7.6	4.2	5.6	8.5	3.7	8.3	7.0	7.7	7.0	6.5
SR 8300	4.0	6.8	6.2	8.5	6.5	7.0	6.3	3.0	8.0	7.7	6.4	5.0	6.0	7.5	4.3	8.3	7.6	7.0	6.7	6.5
TITAN 2 (SR 8010)	4.0	6.8	5.8	8.3	6.5	7.0	6.1	2.5	6.7	7.8	6.9	7.0	5.7	8.2	5.3	8.3	7.6	6.0	6.3	6.5
BAR FA 214	4.0	7.7	5.3	8.5	6.3	7.0	6.1	1.8	6.7	7.4	7.3	7.0	5.7	7.0	5.0	7.3	7.2	7.7	7.7	6.5
FA-22	3.3	8.5	5.3	8.5	6.0	7.0	5.9	2.2	7.3	7.7	6.6	5.0	6.0	8.2	5.0	8.0	7.2	7.3	7.7	6.5
MICRO DD	4.0	6.7	5.5	8.5	6.5	7.0	6.4	2.4	7.3	8.0	7.3	5.7	5.8	7.7	5.0	7.3	7.6	7.0	7.0	6.5
ATF-007	4.0	7.7	6.0	8.5	6.2	7.0	5.9	2.8	7.0	8.0	7.3	5.3	6.0	8.5	4.7	6.7	7.4	6.3	7.3	6.5
MARKSMAN (MB-23-92)	4.3	7.8	5.8	8.3	6.3	7.0	6.3	1.8	7.0	7.8	7.3	5.5	6.1	7.2	5.3	8.0	6.9	7.0	6.7	6.5
ISI-AFA	3.7	7.0	6.2	8.5	6.7	7.0	6.7	3.2	7.3	8.1	7.0	6.0	5.1	7.3	4.3	8.0	7.4	7.0	6.0	6.4
COCHISE	4.0	7.7	5.5	8.3	6.5	7.0	6.4	3.3	7.7	7.4	7.0	6.0	5.4	7.8	4.7	7.0	6.4	7.0	7.0	6.4
PST-5LX	3.7	7.2	5.8	8.5	6.5	7.0	6.3	2.4	7.0	7.3	7.6	5.7	5.9	7.8	4.7	7.7	7.1	8.0	6.0	6.4
SUN PRO (PICK 90-10)	3.7	8.0	5.8	8.5	6.0	7.0	5.1	3.0	7.7	8.0	7.6	6.0	5.2	7.3	4.0	8.0	7.1	7.3	6.7	6.4
DUKE	4.3	6.8	5.5	8.5	6.5	7.0	6.6	2.8	7.0	7.8	6.9	4.8	5.4	7.7	5.0	8.7	7.3	7.3	6.0	6.4
LANCER	3.7	8.3	5.7	8.5	6.2	7.0	6.4	2.8	7.3	7.7	7.4	5.2	6.2	8.3	4.3	5.7	7.3	7.0	6.7	6.4
PST-5VC	4.3	7.0	6.0	8.5	6.2	7.0	6.4	3.2	7.0	8.2	6.3	5.2	6.2	7.5	4.3	8.3	7.7	6.0	6.3	6.4
AZTEC	4.0	7.5	6.3	8.5	6.5	7.0	6.1	2.6	7.3	7.8	7.0	5.2	4.9	7.3	5.0	7.7	7.3	7.7	6.0	6.4
PIXIE	3.7	6.8	5.2	8.5	6.7	7.0	6.4	2.8	7.0	8.0	7.3	6.3	5.6	8.0	5.3	7.0	7.0	6.7	6.3	6.4
SILVERADO	4.0	7.2	5.7	8.5	6.0	7.0	6.2	3.2	8.3	7.6	7.2	4.3	6.2	7.7	4.7	7.3	7.7	6.7	6.0	6.4
PALISADES (OFI-TF-601)	4.3	7.5	6.3	8.5	6.2	7.0	5.7	2.0	7.0	7.9	6.9	5.3	5.4	7.8	5.7	6.7	7.3	7.0	6.7	6.4
PRO-9178	4.0	6.8	5.0	8.3	6.2	6.8	5.7	2.4	7.3	7.8	7.2	5.3	5.3	7.8	6.7	7.7	7.1	6.7	7.0	6.4
SHORTSTOP II (PICK 90-06)	4.0	7.3	6.7	8.5	6.3	7.0	5.6	3.2	7.0	7.8	7.3	5.5	6.0	7.8	4.0	6.7	6.8	6.7	7.0	6.4
M-2	3.7	7.0	5.7	8.5	6.7	7.0	6.4	3.0	7.3	7.7	6.8	6.8	5.2	7.8	5.0	6.0	7.3	6.7	6.3	6.4
TOMAHAWK	3.7	6.8	6.0	8.5	6.5	7.0	6.2	2.6	7.3	7.9	7.4	4.8	5.6	7.5	5.0	7.0	7.3	7.0	6.7	6.4
PYRAMID (SIU-1)	3.7	6.7	6.7	8.5	6.3	7.0	5.6	2.6	7.7	7.3	6.6	4.7	5.6	7.7	5.3	7.3	7.8	7.0	7.0	6.4
NINJA (ATF-006)	3.7	7.2	6.2	8.5	6.2	7.0	5.7	3.3	7.0	8.0	7.6	5.0	5.4	7.7	4.0	8.0	7.4	7.3	5.7	6.4
ISI-CRC	4.0	6.3	4.8	8.3	6.3	7.0	6.2	2.6	7.3	7.8	6.7	6.2	5.3	7.3	5.7	8.3	7.1	6.0	7.3	6.4
COYOTE (ZPS-ML)	3.7	7.2	6.3	8.5	6.3	7.0	6.3	3.2	7.0	7.9	7.3	6.0	5.8	7.0	4.7	5.3	7.7	7.0	6.3	6.3
AVALON (ISI-ATK)	3.3	6.8	4.7	8.5	6.3	7.0	6.1	3.0	7.0	7.6	6.3	6.8	5.2	7.3	5.0	8.0	7.4	6.7	7.3	6.3
LEPRECHAUN	3.7	7.7	6.2	8.3	6.3	7.0	5.3	2.5	7.7	7.6	7.4	5.2	6.0	6.7	4.7	6.7	7.6	7.7	6.3	6.3
VIRTUE	4.3	6.8	6.3	8.5	6.5	7.0	4.9	1.0	7.7	7.6	7.1	5.5	6.2	7.8	5.7	6.7	7.3	6.3	7.0	6.3

TABLE 13. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY																			
	AL1	AR1	AR2	AZ1	BC1	CA1	GA1	GA2	MO1	MO2	MO3	MO4	NE3	NV1	NY1	PA1	SD1	SK1	TX1	MEAN
ADOBE (SFL)	4.0	7.7	5.7	8.3	6.0	7.0	6.6	2.7	7.3	7.9	7.6	5.3	5.7	7.7	3.3	7.0	7.2	6.3	7.0	6.3
BONANZA II	3.7	6.3	5.7	8.5	6.2	7.0	6.6	2.7	7.7	7.7	6.7	6.0	5.4	7.8	4.3	7.0	7.0	7.3	6.7	6.3
HERITAGE (PSTF-401)	3.7	6.3	5.5	8.5	6.5	7.0	5.9	3.2	8.0	7.3	6.4	6.0	5.7	7.5	6.0	6.7	6.9	7.0	6.0	6.3
OLYMPIC II	4.0	6.0	5.5	8.5	6.2	7.0	5.8	3.0	7.3	7.6	5.7	6.7	5.4	7.7	6.3	7.3	7.4	6.3	6.3	6.3
FINELAWN 88	3.7	6.8	5.3	8.5	6.0	7.0	6.2	3.2	7.3	7.6	6.7	5.5	5.4	7.7	4.7	7.3	6.8	7.7	6.7	6.3
GAZELLE (ZPS-VL)	3.7	8.0	5.8	8.5	6.2	7.0	5.2	1.5	7.3	7.7	7.4	5.5	6.8	6.5	5.0	6.7	7.8	6.7	6.7	6.3
BARLEXAS (LEXUS)	3.3	7.8	6.0	8.5	6.3	7.0	5.7	2.0	8.0	8.1	7.8	4.8	6.2	7.5	4.0	6.0	7.0	7.0	6.7	6.3
GENESIS (GEN-91)	3.7	7.7	6.5	8.5	6.5	7.0	5.1	2.6	7.3	8.1	7.3	4.2	6.6	7.3	3.7	7.3	7.0	7.0	6.3	6.3
BAR FA 2AB	4.3	7.0	6.3	8.5	6.7	7.0	4.9	2.3	7.7	7.6	7.0	5.2	6.0	8.0	4.3	6.3	7.2	6.3	7.0	6.3
SHENANDOAH	4.3	6.3	5.5	8.5	6.5	7.0	6.0	3.2	7.3	7.3	6.2	4.8	6.2	8.3	4.7	7.3	7.4	6.3	6.3	6.3
TRAILBLAZER II	3.3	6.5	5.8	8.5	6.3	7.0	6.4	2.7	7.3	7.8	6.7	6.7	6.0	7.8	4.3	6.0	7.0	7.0	6.3	6.3
MONTAUK	4.0	7.0	6.2	8.5	6.3	7.0	5.2	2.7	6.7	7.7	6.1	5.2	6.2	8.3	4.7	7.7	7.1	7.0	6.0	6.3
PHOENIX	4.0	6.3	5.3	8.5	6.7	7.0	5.9	3.0	7.3	7.4	6.0	6.8	5.2	7.2	6.3	7.0	6.8	6.0	6.7	6.3
PST-5STB	4.3	7.0	5.3	8.3	6.5	7.0	5.6	2.8	6.7	7.7	6.6	6.0	6.0	7.7	4.3	6.7	7.0	7.0	7.0	6.3
VEGAS	3.3	7.3	6.0	8.5	6.2	7.0	5.7	2.0	7.3	7.8	7.1	5.3	5.6	7.2	6.0	6.0	6.8	7.3	7.0	6.3
PSTF-LF	4.0	7.2	5.7	8.5	6.3	7.0	6.4	2.8	7.3	6.9	6.8	6.2	5.3	8.2	5.3	6.7	6.8	6.0	6.0	6.3
ELDORADO	4.7	6.5	5.5	8.5	6.2	7.0	6.2	2.8	7.7	7.3	6.7	5.2	5.1	8.2	4.3	7.0	7.4	7.0	6.0	6.3
MIRAGE (KWS-DSL)	3.3	7.3	5.3	8.2	6.3	7.0	6.2	2.8	7.3	7.8	6.6	5.2	5.8	7.5	4.0	6.3	7.2	7.3	7.3	6.3
REBEL 3D	4.0	6.7	5.5	8.5	6.5	7.0	6.2	2.2	7.0	7.8	6.8	5.3	5.8	8.2	4.0	7.0	7.1	7.7	5.7	6.3
ALAMO (J-1048)	3.7	6.5	5.8	8.5	6.2	7.0	6.0	2.2	7.7	7.7	7.1	5.7	5.6	8.2	4.0	7.0	7.8	6.3	6.0	6.3
GENERIC (CAFA 101)	4.0	6.3	5.2	8.5	6.0	7.0	5.6	2.5	7.3	7.3	6.0	7.0	5.3	7.8	5.3	6.7	7.3	7.0	6.3	6.2
MONARCH	4.0	6.8	6.3	8.5	6.2	7.0	5.7	2.6	7.0	7.4	6.7	5.0	5.0	7.7	4.7	7.3	7.3	6.7	6.7	6.2
AVANTI	3.0	6.7	6.3	8.5	6.3	7.0	6.2	2.2	7.3	7.8	6.1	5.7	5.8	7.5	5.3	6.3	7.4	7.0	6.0	6.2
GUARDIAN	3.7	6.3	6.0	8.3	6.3	6.8	6.1	2.7	7.0	7.8	6.7	5.5	6.1	7.8	5.0	6.7	7.3	6.3	6.0	6.2
403	4.0	6.7	5.3	8.5	6.5	7.0	5.6	3.3	7.0	7.7	6.7	5.3	5.7	8.0	5.3	6.3	6.4	6.0	7.0	6.2
BONSAI PLUS	3.3	6.0	6.0	8.5	6.2	7.0	6.2	3.3	7.3	7.6	6.4	5.5	5.8	7.5	5.0	6.7	7.0	6.3	6.3	6.2
WILDCAT (PSTF-200)	3.3	6.0	5.3	8.5	6.0	7.0	6.4	2.8	7.7	7.5	6.2	6.2	5.1	7.8	5.7	6.3	7.2	6.0	6.7	6.2
SAFARI	3.0	7.0	5.8	8.5	6.5	7.0	6.6	2.8	6.7	7.7	6.6	5.0	5.8	7.7	5.3	6.0	7.4	6.3	6.0	6.2
CHIEFTAIN II (PICK CII)	3.3	6.3	5.7	8.5	6.2	7.0	5.0	2.8	7.7	7.2	7.0	5.3	5.3	7.7	5.0	7.3	6.9	7.0	6.3	6.2
BONSAI	3.3	7.3	5.3	8.5	6.3	7.0	5.4	2.6	7.0	7.8	7.4	5.7	5.8	7.3	3.0	6.0	7.1	7.0	7.3	6.2
KITTYHAWK	3.3	7.3	5.7	8.5	6.3	7.0	5.4	2.4	7.0	7.6	6.2	5.8	5.0	7.5	4.3	7.7	6.9	6.0	7.0	6.2
BONANZA	4.0	6.2	5.7	8.3	6.0	7.0	6.0	2.7	7.0	7.1	6.1	6.0	5.3	8.0	4.0	7.7	6.8	7.0	6.0	6.1
ASTRO 2000	3.3	6.3	5.2	8.5	6.2	7.0	5.4	2.7	7.3	7.3	6.0	7.0	5.6	8.2	6.3	6.7	7.0	5.7	5.0	6.1
ARID	4.3	5.5	5.3	8.5	6.3	7.0	5.7	2.7	7.3	6.7	5.1	5.7	5.7	7.5	5.7	6.7	7.4	6.0	6.7	6.1
AUSTIN	3.3	6.7	5.8	8.5	6.3	7.0	5.8	2.6	7.7	7.6	6.4	4.3	5.2	7.8	4.7	6.3	6.9	6.3	6.3	6.1
CAS-LA20	3.7	7.0	5.7	8.5	6.2	7.0	5.6	2.2	7.3	7.2	6.6	4.7	5.6	7.5	4.5	7.3	6.9	6.0	6.0	6.1
CAS-MA21	3.3	6.5	5.8	8.5	6.2	7.0	6.0	2.3	7.0	7.6	6.3	4.5	5.2	8.3	3.7	7.3	7.2	6.3	6.0	6.1
FALCON	3.0	5.3	4.8	8.5	6.3	7.0	5.9	3.0	7.0	6.3	5.4	6.7	4.7	8.0	4.0	7.0	6.9	7.3	6.3	6.0
ANTHEM	4.3	5.7	4.3	8.5	5.8	6.8	5.3	3.6	7.0	7.0	5.1	6.3	5.2	7.7	5.0	6.3	6.2	6.0	6.3	5.9
TWILIGHT	4.3	5.8	4.2	8.3	5.8	7.0	6.3	2.6	6.7	7.1	6.6	4.7	4.6	8.0	4.3	4.0	6.0	6.3	6.7	5.8
KY-31 NO ENDO.	4.0	4.5	3.7	8.2	5.7	6.2	5.4	1.8	7.0	5.6	4.0	5.8	4.1	7.0	4.7	5.0	6.2	5.7	5.0	5.2
KY-31 W/ENDO.	2.7	4.0	4.0	8.2	5.5	6.2	5.3	2.3	6.0	5.7	3.8	6.2	4.0	6.0	6.0	5.3	6.4	6.0	5.7	5.2
LSD VALUE	1.0	1.1	2.0	0.7	1.1	0.2	0.7	1.4	0.9	0.7	1.0	1.7	1.2	1.3	2.0	1.7	0.6	0.8	1.2	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 14.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	AZ1	GA1	GA2	MO1	MO2	MO3	MO4	NE1	NE2	NE3	NV1	PA1	PA2	TX1	VA1	VA4	VA6	VA8	MEAN
ARID	93.8	93.3	39.0	81.7	94.6	93.3	83.3	73.3	73.3	85.0	73.3	83.8	53.3	20.0	95.0	91.7	86.7	97.0	78.4
OLYMPIC II	93.3	91.7	36.7	85.0	95.7	96.3	83.3	73.3	73.3	81.7	76.7	82.5	43.3	13.3	93.3	93.3	93.3	96.3	77.9
SHENANDOAH	95.5	93.3	58.3	81.7	95.4	93.3	73.3	73.3	73.3	90.0	63.7	82.3	43.3	25.0	91.7	90.0	83.3	95.3	77.9
GRANDE (SR 8400)	94.3	93.3	76.7	81.7	95.1	96.3	76.7	73.3	73.3	83.3	67.7	79.5	36.7	28.3	86.7	90.0	73.3	95.3	77.9
GENERIC (CAFA 101)	94.5	91.7	41.7	83.3	94.6	93.3	81.7	73.3	73.3	85.0	71.0	90.3	50.0	18.3	90.0	90.0	83.3	95.0	77.8
FALCON	96.3	97.7	55.0	68.3	92.9	93.3	81.7	83.3	83.3	83.3	74.3	87.0	33.3	25.0	86.7	91.7	68.3	94.3	77.5
KY-31 W/ENDO.	93.2	88.3	46.7	78.3	93.4	86.7	86.5	73.3	73.3	80.0	59.7	85.7	56.7	20.0	90.0	90.0	97.0	95.7	77.5
PIXIE	95.7	94.7	41.7	83.3	95.1	93.3	81.7	80.0	80.0	85.0	66.3	75.0	43.3	23.3	88.3	86.7	78.3	94.7	77.0
WILDCAT (PSTF-200)	94.2	96.3	77.5	83.3	94.1	93.3	81.7	70.0	70.0	83.3	70.7	67.5	40.0	11.7	86.7	90.0	80.0	95.7	77.0
PHOENIX	95.5	96.3	50.0	90.0	95.1	94.7	75.0	76.7	76.7	83.3	54.0	84.7	46.7	13.3	88.3	88.3	83.3	88.3	76.7
FA-19	94.3	93.3	50.0	81.7	93.0	90.0	78.3	76.7	76.7	91.7	76.0	79.5	46.7	11.7	86.7	88.3	75.0	89.3	76.6
ASTRO 2000	96.0	90.0	46.7	83.3	95.1	93.3	84.8	76.7	76.7	86.7	63.3	70.0	40.0	20.0	86.7	90.0	86.7	91.0	76.5
AVALON (ISI-ATK)	96.8	93.3	37.0	78.3	93.6	93.0	78.3	76.7	76.7	80.0	78.3	81.3	40.0	23.3	86.7	86.7	81.7	94.7	76.5
HERITAGE (PSTF-401)	93.3	91.7	60.0	85.0	94.8	93.3	78.3	73.3	73.3	86.7	69.3	65.0	43.3	16.7	81.7	90.0	86.7	92.7	76.4
TITAN 2 (SR 8010)	95.5	93.3	33.3	78.3	95.1	93.3	86.7	66.7	66.7	85.0	71.0	87.0	46.7	18.3	90.0	93.3	79.3	94.3	76.3
GUARDIAN	93.8	91.7	40.0	71.7	95.2	93.3	81.7	70.0	70.0	88.3	71.3	82.3	46.7	20.0	88.3	90.0	81.7	94.3	76.1
COCHISE	95.0	96.3	70.0	83.3	94.3	95.0	75.0	70.0	70.0	83.3	62.7	88.7	36.7	13.3	80.0	86.7	76.7	91.0	76.0
MONTAUK	91.5	88.3	56.7	85.0	94.6	95.0	76.5	66.7	66.7	91.7	75.3	79.7	33.3	23.3	86.7	86.7	76.7	93.3	76.0
AUSTIN	97.3	91.7	46.7	78.3	94.6	95.0	71.7	66.7	66.7	78.3	81.0	90.8	36.7	10.0	91.7	91.7	85.0	92.7	75.9
REBEL, JR.	94.8	93.3	53.3	90.0	96.2	95.0	75.0	66.7	66.7	91.7	62.7	81.2	50.0	20.0	85.0	88.3	60.0	96.0	75.9
FALCON II (MB-21-92)	96.0	95.0	38.3	78.3	94.3	96.3	84.8	70.0	70.0	88.3	76.3	84.5	33.3	15.0	91.7	88.3	71.7	91.7	75.8
KY-31 NO ENDO.	96.0	90.0	20.3	85.0	92.8	91.7	76.7	73.3	73.3	76.7	65.0	90.5	56.7	6.0	91.7	86.7	93.3	96.3	75.7
ANTHEM	94.2	90.0	46.7	76.7	95.4	94.3	81.7	63.3	63.3	85.0	77.7	64.2	43.3	18.3	90.0	91.7	89.3	94.3	75.5
PYRAMID (SIU-1)	93.2	91.7	26.7	86.7	94.6	93.3	78.3	76.7	76.7	85.0	67.7	82.8	40.0	16.7	88.3	85.0	81.7	94.3	75.5
FINELAWN PETITE	94.3	91.7	56.7	83.3	93.6	93.3	83.3	70.0	70.0	88.3	66.3	83.2	36.7	13.3	81.7	83.3	78.3	91.7	75.5
SR 8210	92.7	93.3	42.5	78.3	94.6	95.0	80.0	76.7	76.7	86.7	70.0	82.0	43.3	20.0	86.7	83.3	68.3	88.3	75.5
PST-5DX W/ENDOPHYTE	94.8	95.0	50.0	75.0	95.1	91.7	80.0	66.7	66.7	85.0	76.0	77.0	33.3	16.7	85.0	88.3	88.3	91.0	75.3
SR 8200	97.7	97.7	56.7	86.7	93.7	95.0	83.2	70.0	70.0	80.0	70.0	81.5	40.0	12.7	85.0	83.3	55.0	96.3	75.2
JAGUAR 3 (ZPS-J3)	96.2	94.7	36.7	80.0	94.6	95.0	81.5	70.0	70.0	86.7	59.0	87.2	33.3	15.0	85.0	91.7	86.7	90.0	75.2
M-2	92.8	95.0	26.7	86.7	95.1	95.0	83.3	63.3	63.3	81.7	75.0	74.2	33.3	30.7	90.0	91.7	80.0	93.3	75.1
FINELAWN 88	91.0	96.0	58.3	83.3	94.3	93.3	75.0	63.3	63.3	80.0	73.0	80.7	33.3	14.3	88.3	90.0	83.3	90.0	75.1
AVANTI	95.3	94.3	18.7	76.7	95.1	93.3	78.3	70.0	70.0	85.0	66.7	89.5	40.0	23.3	91.7	93.3	76.7	93.0	75.1
ELDORADO	95.5	93.0	48.3	83.3	93.6	93.3	81.5	70.0	70.0	75.0	66.7	79.0	43.3	20.0	88.3	90.0	70.0	90.0	75.0
BONANZA II	95.3	97.7	43.3	78.3	95.0	95.0	76.7	70.0	70.0	85.0	76.7	65.8	30.0	15.0	88.3	86.7	90.0	90.0	74.9
BAR FA 0855	94.3	90.0	25.0	80.0	94.3	93.3	84.7	73.3	73.3	90.0	65.7	85.5	36.7	16.7	90.0	91.7	71.7	91.7	74.9
SAFARI	95.7	93.3	27.3	76.7	94.1	96.3	75.0	66.7	66.7	90.0	78.0	84.0	46.7	10.0	90.0	91.7	71.7	92.7	74.8
PSTF-LF	94.8	94.7	55.0	80.0	94.9	90.0	81.7	66.7	66.7	86.7	64.3	76.7	40.0	15.0	88.3	88.3	72.7	88.3	74.7
BONSAI PLUS	95.2	95.0	66.7	81.7	94.7	90.0	78.3	66.7	66.7	83.3	63.3	65.8	33.3	26.7	83.3	81.7	78.3	91.7	74.6
CORONADO (PST-RDG)	87.7	93.3	78.3	75.0	93.6	95.0	78.3	70.0	70.0	85.0	60.3	76.3	30.0	22.3	85.0	81.7	70.0	90.0	74.5
ISI-AFA	96.5	96.3	56.7	75.0	93.3	96.0	73.3	76.7	76.7	81.7	62.3	80.0	33.3	20.0	88.3	86.7	58.3	90.0	74.5
ISI-CRC	96.7	93.3	43.3	75.0	92.7	93.3	73.3	76.7	76.7	81.7	53.7	79.8	43.3	15.0	90.0	86.7	73.3	94.3	74.4
MICRO DD	93.7	96.3	35.7	81.7	94.4	95.0	80.0	66.7	66.7	83.3	69.3	69.2	40.0	26.0	86.7	83.3	78.3	91.7	74.3
SOUTHERN CHOICE (MB-25-92)	94.5	96.3	48.3	80.0	94.2	90.0	68.3	66.7	66.7	88.3	75.0	80.8	33.3	15.0	83.3	85.0	80.0	91.7	74.3
TRAILBLAZER II	96.2	95.0	45.3	80.0	93.4	90.0	76.7	73.3	73.3	83.3	71.0	60.8	36.7	10.0	86.7	86.7	84.3	94.3	74.3
GENESIS (GEN-91)	91.5	85.0	26.7	75.0	94.2	95.0	70.0	80.0	80.0	88.3	69.7	86.3	43.3	11.7	90.0	85.0	73.3	91.0	74.2
SR 8300	95.7	95.0	45.3	75.0	93.3	94.7	78.3	73.3	73.3	86.7	57.3	82.3	40.0	6.7	91.7	86.7	63.3	97.3	74.2
COYOTE (ZPS-ML)	93.2	91.7	41.7	78.3	94.9	93.3	76.7	76.7	76.7	86.7	46.3	90.5	30.0	20.0	90.0	83.3	73.3	88.3	74.0
DUKE	93.8	94.7	45.0	75.0	94.0	86.7	68.3	70.0	70.0	83.3	66.7	79.8	33.3	23.3	86.7	85.0	81.7	90.0	73.7
STARLET (MB-24-92)	92.7	95.0	56.7	83.3	95.3	96.3	75.0	70.0	70.0	86.7	61.0	79.0	30.0	12.7	86.7	75.0	75.0	86.7	73.7
APACHE II (PST-59D)	93.3	96.3	40.0	78.3	94.6	91.7	70.0	76.7	76.7	81.7	66.7	80.5	36.7	21.7	83.3	71.7	78.3	88.3	73.7

TABLE 14. (CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS

NAME	AZ1	GA1	GA2	MO1	MO2	MO3	MO4	NE1	NE2	NE3	NV1	PA1	PA2	TX1	VA1	VA4	VA6	VA8	MEAN
TOMAHAWK	96.2	96.3	33.3	81.7	94.0	91.7	66.7	63.3	63.3	86.7	61.7	79.7	36.7	26.7	88.3	85.0	83.3	91.0	73.6
DUSTER (ITR-90-2)	93.3	86.7	23.3	76.7	94.6	96.3	74.8	76.7	76.7	83.3	67.3	83.8	33.3	25.0	90.0	81.7	73.3	88.3	73.6
AZTEC	94.3	93.3	38.3	78.3	93.4	93.3	71.7	73.3	73.3	75.0	70.3	81.7	36.7	25.0	85.0	83.3	70.0	88.3	73.6
CHIEFTAIN II (PICK CII)	96.0	88.3	43.7	80.0	94.1	91.7	73.3	73.3	73.3	80.0	51.0	71.7	43.3	18.3	88.3	90.0	75.0	92.7	73.6
ATF-007	93.8	91.7	42.3	76.7	94.6	95.0	80.0	70.0	70.0	85.0	73.0	82.5	26.7	19.3	86.7	81.7	63.3	91.0	73.5
FA-22	95.3	94.7	31.7	86.7	94.7	90.0	73.3	56.7	56.7	88.3	70.0	82.2	40.0	21.7	85.0	93.3	71.7	91.3	73.5
VEGAS	93.8	93.0	25.0	76.7	94.0	96.3	73.3	73.3	73.3	85.0	66.0	79.7	33.3	21.7	88.3	88.3	76.7	85.0	73.5
MIRAGE (KWS-DSL)	94.3	91.7	48.3	71.7	95.3	90.0	78.3	63.3	63.3	86.7	73.3	76.3	30.0	20.0	86.7	90.0	70.0	93.3	73.5
NINJA (ATF-006)	93.3	93.3	50.0	66.7	94.0	94.7	76.7	66.7	66.7	81.7	62.7	71.7	40.0	21.7	85.0	86.7	83.3	86.7	73.4
MARKSMAN (MB-23-92)	94.2	96.3	12.0	80.0	94.0	91.7	79.8	73.3	73.3	85.0	67.0	83.0	36.7	21.7	85.0	85.0	70.0	90.0	73.2
HOUNDOG V (ISI-AFE)	95.3	90.0	43.3	73.3	94.3	94.7	80.0	70.0	70.0	89.7	70.0	76.5	30.0	12.7	83.3	85.0	65.0	91.7	73.0
ADOBE (SFL)	94.2	94.7	35.0	76.7	94.0	91.7	80.0	70.0	70.0	85.0	67.0	80.0	26.7	21.7	86.7	90.0	60.0	90.0	73.0
LANCER	97.3	83.0	36.7	78.3	94.1	95.0	78.3	70.0	70.0	85.0	78.7	63.3	33.3	10.0	85.0	86.7	71.7	95.0	72.9
REBEL 3D	93.8	95.0	33.3	85.0	95.1	93.3	76.7	70.0	70.0	88.3	64.3	68.3	33.3	15.0	85.0	90.0	61.7	91.0	72.7
ALAMO (J-1048)	93.3	93.3	28.3	75.0	93.0	91.7	76.7	76.7	76.7	80.0	64.3	82.3	23.3	14.3	88.3	83.3	80.0	88.3	72.7
MONARCH	95.0	90.0	31.7	80.0	95.7	88.0	78.3	60.0	60.0	81.7	76.7	82.0	33.3	18.3	88.3	88.3	70.0	91.7	72.7
CAS-MA21	92.2	93.0	16.7	80.0	94.6	95.0	70.0	70.0	70.0	85.0	71.7	84.7	33.3	16.7	88.3	83.3	70.0	92.7	72.6
RENEGADE (MB-22-92)	96.3	96.3	30.7	80.0	94.3	90.0	73.3	66.7	66.7	91.7	58.0	84.0	26.7	15.7	85.0	88.3	73.3	90.0	72.6
PRO-9178	94.5	91.7	28.3	80.0	93.4	95.0	75.0	73.3	73.3	83.3	63.3	73.3	33.3	11.7	83.3	86.7	71.7	95.3	72.6
BONANZA	94.3	91.7	35.0	75.0	93.7	93.3	71.7	70.0	70.0	81.7	79.3	79.8	23.3	6.7	86.7	85.0	78.3	91.0	72.6
KITTYHAWK	95.3	90.0	33.3	78.3	94.6	90.0	75.0	56.7	56.7	76.7	72.0	75.7	33.3	23.3	85.0	86.7	86.7	95.0	72.5
SILVERADO	92.7	93.3	56.7	86.7	95.2	91.7	73.3	66.7	66.7	85.0	68.3	65.0	36.7	15.0	85.0	85.0	48.3	91.7	72.4
PST-5VC	91.2	96.3	27.0	62.5	95.1	91.7	71.7	63.3	63.3	86.7	67.7	81.3	36.7	30.0	86.7	90.0	71.7	89.3	72.3
403	94.3	90.0	41.7	75.0	94.6	91.7	78.3	73.3	73.3	81.7	59.7	60.0	33.3	10.7	81.7	88.3	80.0	93.3	72.3
EMPRESS (ZPS-E2)	93.8	93.0	28.3	76.7	95.1	91.7	73.3	70.0	70.0	85.0	66.0	83.0	30.0	11.7	83.3	85.0	78.3	85.0	72.2
PALISADES (OFI-TF-601)	95.0	88.3	31.7	80.0	94.0	95.0	73.3	60.0	60.0	85.0	57.7	86.2	40.0	18.3	86.7	85.0	73.3	88.3	72.1
VIRTUE	95.0	85.0	1.0	76.7	94.7	93.3	83.3	66.7	66.7	91.7	65.0	84.2	40.0	17.7	90.0	80.0	78.3	88.3	72.1
PST-5STB	93.5	90.0	43.3	71.7	93.7	95.0	75.0	60.0	60.0	85.0	67.7	83.5	23.3	16.7	86.7	90.0	73.3	88.3	72.0
CROSSFIRE II (PICK 90-12)	90.0	93.0	50.0	75.0	94.7	96.3	78.3	66.7	66.7	81.7	67.0	82.2	23.3	13.3	80.0	83.3	71.7	83.3	72.0
DEBUTANTE (WXI-208-2)	90.5	95.0	50.0	81.7	95.1	88.3	75.0	63.3	63.3	85.0	56.3	63.3	30.0	15.0	88.3	81.7	81.0	92.7	72.0
PST-5PM	92.8	93.3	28.7	81.7	93.2	91.7	75.0	63.3	63.3	78.3	63.3	81.5	33.3	21.0	85.0	81.7	80.0	88.3	72.0
BAR FA 2AB	92.7	85.0	40.7	80.0	93.8	91.7	75.0	70.0	70.0	86.7	66.0	82.2	36.7	12.7	83.3	81.7	61.7	83.3	71.8
PST-5LX	93.2	91.7	27.3	76.7	93.7	91.7	73.3	63.3	63.3	83.3	69.7	82.2	36.7	18.3	85.0	80.0	70.0	90.0	71.6
CAS-LA20	92.2	90.0	31.7	76.7	94.0	93.0	76.5	73.3	73.3	85.0	60.3	83.0	20.0	16.7	83.3	83.3	66.7	88.3	71.5
LEPRECHAUN	95.0	91.7	36.7	81.7	95.1	94.3	74.8	80.0	80.0	88.3	43.3	75.8	23.3	12.7	83.3	83.3	50.0	91.7	71.2
TWILIGHT	93.2	93.3	48.3	80.0	94.3	93.3	71.7	66.7	66.7	78.3	57.0	63.3	30.0	15.7	75.0	85.0	71.7	91.7	70.8
BAR FA 214	94.2	93.3	25.3	85.0	94.0	91.7	75.0	63.3	63.3	83.3	58.7	83.7	26.7	13.3	85.0	86.7	55.0	91.7	70.5
GAZELLE (ZPS-VL)	91.7	88.3	1.7	73.3	94.6	90.0	75.0	66.7	66.7	94.3	52.0	84.7	33.3	18.3	88.3	70.0	78.3	86.7	69.7
SUN PRO (PICK 90-10)	89.7	86.7	50.0	73.3	94.1	93.3	70.0	66.7	66.7	81.7	55.0	74.8	36.7	15.0	78.3	76.7	60.0	85.0	69.6
BARLEXAS (LEXUS)	93.3	93.0	11.7	83.3	93.7	91.7	75.0	70.0	70.0	88.3	52.3	82.2	26.7	15.0	80.0	80.0	53.3	88.3	69.3
SHORTSTOP II (PICK 90-06)	89.7	88.3	41.7	71.7	94.6	95.0	76.7	70.0	70.0	88.3	55.7	73.3	20.0	7.7	80.0	73.3	61.7	78.3	68.7
BONSAI	92.2	85.0	40.0	80.0	93.0	95.0	70.0	70.0	70.0	85.0	55.0	69.2	16.7	15.0	80.0	63.3	53.3	83.3	67.6
LSD VALUE	6.2	7.3	54.1	11.4	5.6	6.0	11.4	15.0	15.0	9.3	17.3	17.4	13.7	16.5	6.4	8.0	28.4	8.5	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 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/									
	AZ1	MO1	MO2	MO3	MO4	NE3	NV1	TX1	VA6	MEAN
JAGUAR 3 (ZPS-J3)	98.3	73.9	97.4	96.3	76.7	78.3	76.3	75.0	97.3	85.5
SHENANDOAH	98.3	69.4	97.4	96.3	70.0	81.7	81.7	75.0	97.0	85.2
BAR FA 0855	97.7	68.3	97.8	96.3	76.7	80.0	84.7	70.0	88.3	84.4
GUARDIAN	97.7	64.4	97.4	93.3	78.3	86.7	81.3	66.7	93.7	84.4
FA-22	96.0	70.0	96.9	91.7	71.7	80.0	83.3	73.3	94.3	84.1
M-2	97.7	67.2	97.4	95.0	75.0	75.0	82.7	70.0	95.7	84.0
ASTRO 2000	98.3	68.9	97.2	93.3	75.0	83.3	77.3	63.3	98.3	83.9
MONTAUK	96.8	67.8	97.7	93.3	68.3	85.0	82.7	73.3	89.7	83.8
OLYMPIC II	96.3	74.4	98.0	94.7	76.7	80.0	77.0	58.3	98.7	83.8
WILDCAT (PSTF-200)	93.8	68.3	97.9	94.7	70.0	81.7	79.7	70.0	97.0	83.7
ANTHEM	98.3	61.7	95.9	94.7	76.7	81.7	82.3	65.0	96.3	83.6
TITAN 2 (SR 8010)	93.7	67.2	97.7	95.0	76.7	76.7	83.3	66.7	95.7	83.6
FINELAWN 88	97.7	67.8	96.3	94.7	75.0	75.0	88.0	66.7	91.3	83.6
MARKSMAN (MB-23-92)	96.3	65.6	98.0	91.7	70.0	80.0	81.3	73.3	96.0	83.6
FALCON II (MB-21-92)	95.5	64.4	97.7	96.3	73.3	80.0	86.0	60.0	98.3	83.5
MICRO DD	98.3	67.8	97.2	95.0	73.3	78.3	80.0	65.0	96.0	83.4
SR 8200	97.7	72.2	97.4	93.3	75.0	78.3	81.3	68.3	86.7	83.4
BONSAI PLUS	98.3	68.3	97.6	91.7	75.0	80.0	76.7	70.0	92.7	83.4
BONANZA II	98.3	65.0	97.8	95.0	70.0	76.7	86.7	65.0	95.3	83.3
SR 8210	98.3	68.3	96.0	96.3	75.0	73.3	88.7	63.3	90.0	83.3
PSTF-LF	97.0	67.2	97.7	91.7	75.0	81.7	83.3	65.0	90.7	83.2
PIXIE	97.7	68.9	98.0	95.0	75.0	78.3	67.3	78.3	90.0	83.2
HERITAGE (PSTF-401)	97.0	71.7	97.3	95.0	66.7	85.0	77.7	60.0	97.7	83.1
KITTYHAWK	96.3	70.6	96.7	93.3	70.0	73.3	81.7	68.3	97.3	83.1
TRAILBLAZER II	97.0	68.9	97.3	93.3	71.7	81.7	76.7	66.7	94.0	83.0
SOUTHERN CHOICE (MB-25-92)	97.0	70.0	98.1	93.3	70.0	81.7	87.0	58.3	91.7	83.0
PST-5DX W/ENDOPHYTE	96.2	65.0	98.2	95.0	71.7	76.7	84.7	61.7	97.7	83.0
MIRAGE (KWS-DSL)	96.0	68.9	96.9	93.3	73.3	81.7	78.7	68.3	89.3	82.9
ARID	97.7	67.2	96.8	93.3	73.3	80.0	75.0	63.3	98.3	82.8
ATF-007	98.3	70.6	97.6	95.0	70.0	76.7	88.3	60.0	88.3	82.8
BONANZA	96.8	66.7	96.7	94.7	70.0	75.0	84.3	61.7	97.3	82.6
CORONADO (PST-RDG)	98.3	63.9	97.4	91.7	68.3	80.0	83.3	71.7	88.0	82.5
GENERIC (CAFA 101)	92.0	68.3	97.4	93.3	78.3	76.7	76.3	63.3	96.3	82.5
KY-31 W/ENDO.	96.7	67.2	96.0	91.7	76.7	83.3	66.7	65.0	98.7	82.4
VIRTUE	98.3	66.7	96.4	93.3	66.7	83.3	78.0	61.7	97.0	82.4
REBEL 3D	97.7	67.2	97.2	94.7	71.7	81.7	81.7	65.0	84.3	82.3
APACHE II (PST-59D)	98.3	70.0	97.1	91.7	66.7	76.7	76.7	71.7	91.7	82.3
GRANDE (SR 8400)	97.0	73.3	97.4	94.7	73.3	75.0	72.7	66.7	90.3	82.3
SAFARI	94.5	67.8	98.0	94.7	73.3	78.3	84.7	55.0	94.0	82.3
REBEL, JR.	97.7	73.3	96.6	95.0	68.3	85.0	68.3	68.3	87.3	82.2
AUSTIN	99.0	66.1	97.4	93.3	61.7	78.3	86.3	60.0	97.3	82.2
FA-19	98.3	60.6	96.0	93.3	70.0	80.0	86.0	65.0	90.0	82.1
ALAMO (J-1048)	97.7	67.2	97.6	93.3	73.3	75.0	82.7	60.0	92.3	82.1
PYRAMID (SIU-1)	98.3	70.0	98.0	93.3	63.3	80.0	76.3	63.3	96.3	82.1
COCHISE	94.5	65.6	96.4	93.3	73.3	75.0	79.3	70.0	91.3	82.1
CAS-MA21	96.7	65.6	97.2	95.0	60.0	73.3	88.7	65.0	97.0	82.0
FALCON	97.5	65.6	95.0	93.3	71.7	73.3	77.7	70.0	94.3	82.0
PHOENIX	95.2	73.3	97.8	96.3	78.3	76.7	56.7	66.7	97.3	82.0
LANCER	97.7	66.1	97.3	95.0	70.0	83.3	72.0	65.0	91.0	81.9
ISI-AFA	96.3	66.1	97.2	99.0	66.7	75.0	75.3	68.3	92.7	81.9

TABLE 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1993-1995 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS										
NAME	AZ1	MO1	MO2	MO3	MO4	NE3	NV1	TX1	VA6	MEAN
KY-31 NO ENDO.	96.8	66.7	95.9	91.3	78.3	78.3	73.3	56.7	99.0	81.8
CHIEFTAIN II (PICK CII)	96.0	67.8	97.2	93.3	65.0	78.3	74.3	66.7	97.0	81.7
PST-5PM	97.7	70.6	97.0	88.3	68.3	76.7	72.7	73.3	91.0	81.7
MONARCH	99.0	62.8	96.7	93.0	71.7	75.0	82.0	63.3	91.3	81.6
CROSSFIRE II (PICK 90-12)	97.0	65.0	95.9	94.7	75.0	71.7	86.0	60.0	89.3	81.6
BAR FA 2AB	99.0	66.1	95.0	93.3	70.0	80.0	78.0	65.0	88.0	81.6
STARLET (MB-24-92)	97.7	64.4	98.0	95.0	66.7	78.3	77.7	65.0	91.3	81.6
PST-5VC	99.0	58.3	97.2	93.0	65.0	78.3	74.7	76.7	91.3	81.5
RENEGADE (MB-22-92)	95.5	68.9	95.8	96.3	71.7	81.7	69.3	61.7	92.7	81.5
AVANTI	98.3	65.0	96.4	91.7	73.3	80.0	71.3	61.7	95.3	81.5
403	97.7	63.3	97.2	95.0	71.7	76.7	77.0	58.3	96.0	81.4
AZTEC	96.2	67.2	97.3	95.0	68.3	71.7	81.3	70.0	84.7	81.3
TOMAHAWK	98.3	67.8	97.2	95.0	66.7	75.0	69.3	68.3	94.0	81.3
FINELAWN PETITE	97.0	62.8	96.2	95.0	70.0	75.0	77.7	65.0	92.7	81.3
ISI-CRC	97.0	66.1	97.2	95.0	68.3	80.0	68.7	65.0	92.7	81.1
DUSTER (ITR-90-2)	96.8	67.2	97.2	93.3	66.7	71.7	75.7	66.7	93.3	81.0
PRO-9178	96.2	63.9	97.3	94.7	65.0	75.0	83.0	61.7	91.7	80.9
DEBUTANTE (WXI-208-2)	94.2	68.9	97.6	90.0	70.0	76.7	64.7	71.7	94.7	80.9
PALISADES (OFI-IF-601)	95.8	68.9	95.8	95.0	65.0	75.0	72.3	71.7	88.3	80.9
DUKE	97.7	67.2	97.4	91.3	61.7	78.3	73.7	63.3	96.3	80.8
NINJA (ATF-006)	99.0	60.6	96.4	94.7	66.7	73.3	68.3	80.0	87.7	80.7
ELDORADO	98.3	68.3	95.2	93.3	70.0	73.3	76.7	63.3	88.0	80.7
AVALON (ISI-ATK)	98.3	64.4	97.8	96.3	68.3	78.3	59.3	65.0	98.3	80.7
VEGAS	98.3	65.0	96.7	94.7	61.7	75.0	70.0	75.0	88.0	80.5
SR 8300	94.8	67.8	97.2	93.3	70.0	81.7	74.0	53.3	92.0	80.5
SHORTSTOP II (PICK 90-06)	94.5	61.1	97.3	95.0	68.3	75.0	82.7	63.3	86.7	80.4
HOUNDG V (ISI-AFE)	96.3	63.3	98.0	93.3	70.0	81.7	80.0	56.7	83.0	80.3
PST-5LX	95.3	61.7	95.9	91.7	66.7	76.7	77.7	66.7	89.0	80.1
SUN PRO (PICK 90-10)	97.5	67.8	97.2	95.0	68.3	73.3	71.7	61.7	88.3	80.1
GAZELLE (ZPS-VL)	95.2	66.1	96.1	93.3	66.7	81.7	63.3	66.7	89.3	79.8
LEPRECHAUN	93.0	72.8	97.3	96.0	70.0	83.3	62.3	55.0	86.7	79.6
GENESIS (GEN-91)	97.7	65.0	96.4	93.3	58.3	85.0	74.3	56.7	89.7	79.6
EMPRESS (ZPS-E2)	96.2	67.2	97.9	88.3	63.3	75.0	78.0	61.7	87.7	79.5
COYOTE (ZPS-ML)	97.7	65.0	96.2	91.7	66.7	76.7	61.0	71.7	88.3	79.4
ADOBE (SFL)	95.2	68.3	97.4	91.7	65.0	75.0	76.7	51.7	93.3	79.4
PST-5STB	96.0	58.3	96.2	93.3	65.0	80.0	73.7	63.3	87.7	79.3
SILVERADO	96.8	70.6	98.0	91.7	65.0	78.3	70.7	70.0	71.7	79.2
BAR FA 214	97.7	67.2	95.8	96.3	63.3	76.7	64.7	73.3	77.7	79.2
TWILIGHT	96.7	61.1	95.2	93.3	61.7	70.0	80.3	61.7	91.0	79.0
CAS-LA20	96.8	62.2	95.4	93.0	65.0	73.3	75.0	61.7	88.0	78.9
BARLEXAS (LEXUS)	96.8	65.0	96.4	93.3	68.3	78.3	66.3	68.3	76.7	78.8
BONSAI	97.7	62.2	96.6	95.0	58.3	73.3	71.3	66.7	76.7	77.5
LSD VALUE	4.4	20.4	1.9	5.4	12.5	10.0	19.4	13.8	15.5	5.0

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 16.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/												MEAN	
	AZ1	GA1	GA2	IL1	IN1	MA1	MO1	MO2	MO3	MO4	NV1	TX1		VA8
OLYMPIC II	99.0	92.3	32.2	78.3	68.3	91.7	62.5	97.5	99.0	78.2	88.0	59.2	71.7	78.3
REBEL, JR.	99.0	93.0	46.2	65.0	75.0	93.3	73.3	97.8	99.0	56.7	85.0	74.2	58.3	78.1
GRANDE (SR 8400)	99.0	92.1	68.3	61.7	48.3	88.3	62.5	97.0	99.0	73.3	85.3	79.2	58.3	77.9
HERITAGE (PSTF-401)	99.0	91.4	59.4	68.3	56.7	90.0	59.2	97.3	99.0	71.7	89.0	73.3	51.7	77.4
ANTHEM	99.0	91.8	43.9	68.3	56.7	93.3	54.2	96.5	99.0	73.3	89.3	78.3	60.0	77.2
SHENANDOAH	99.0	91.9	55.6	51.7	46.7	85.0	64.2	97.2	99.0	63.3	94.3	83.3	61.7	76.4
TITAN 2 (SR 8010)	99.0	92.4	34.4	73.3	45.0	90.0	56.7	97.8	99.0	75.0	92.3	75.0	56.7	75.9
COCHISE	99.0	92.4	64.4	50.0	53.3	85.0	60.0	94.3	99.0	65.0	86.0	77.5	56.7	75.6
ARID	99.0	90.2	32.8	73.3	65.0	88.3	55.0	96.8	97.7	71.7	85.7	70.8	51.7	75.2
ISI-AFA	99.0	90.6	51.7	56.7	48.3	85.0	68.3	98.0	99.0	70.0	87.0	74.2	48.3	75.1
WILDCAT (PSTF-200)	99.0	90.9	52.9	65.0	46.7	83.3	61.7	97.7	99.0	73.3	86.0	65.0	55.0	75.0
KY-31 W/ENDO.	99.0	94.8	44.6	71.7	63.3	86.7	53.3	95.3	99.0	75.0	67.7	58.3	66.7	75.0
M-2	99.0	92.7	25.0	56.7	65.0	88.3	60.0	97.8	99.0	71.7	90.7	77.8	46.7	74.6
FINELAWN PETITE	99.0	92.7	55.6	50.0	56.7	83.3	65.0	97.2	99.0	68.3	84.3	64.2	55.0	74.6
PHOENIX	99.0	93.7	47.2	56.7	55.0	89.3	56.7	98.2	99.0	79.8	80.7	71.7	43.3	74.6
TRAILBLAZER II	99.0	91.8	29.7	56.7	61.7	92.7	60.8	98.3	97.7	70.0	86.7	78.3	46.7	74.6
GENERIC (CAFA 101)	99.0	90.6	37.8	56.7	45.0	88.3	55.8	97.7	99.0	76.7	86.7	66.7	70.0	74.6
PSTF-LF	99.0	92.6	47.8	55.0	40.0	88.3	61.7	97.5	99.0	73.3	91.3	64.2	60.0	74.6
JAGUAR 3 (ZPS-J3)	99.0	94.3	27.1	50.0	51.7	80.0	73.3	98.0	99.0	78.3	86.0	76.7	55.0	74.5
MIRAGE (KWS-DSL)	91.0	92.2	43.3	65.0	51.7	90.0	55.0	96.7	99.0	61.7	89.7	79.2	53.3	74.4
SR 8200	99.0	94.2	53.9	45.0	36.7	86.7	65.8	97.3	99.0	78.3	86.3	75.8	48.3	74.3
SOUTHERN CHOICE (MB-25-92)	99.0	92.1	42.8	61.7	61.7	83.3	63.3	97.8	99.0	53.3	94.0	69.2	48.3	74.3
MICRO DD	99.0	93.6	29.7	60.0	51.7	89.3	55.0	98.3	99.0	66.7	89.0	69.2	65.0	74.3
BONSAI PLUS	99.0	92.9	62.8	43.3	43.3	83.3	60.8	97.5	99.0	71.7	86.7	78.3	46.7	74.3
GUARDIAN	99.0	91.9	38.4	65.0	51.7	85.0	63.3	97.5	99.0	61.7	86.7	69.2	56.7	74.2
ASTRO 2000	99.0	90.1	42.8	58.3	56.7	86.7	59.2	95.8	99.0	76.7	88.0	50.8	55.0	73.7
SR 8300	99.0	91.0	35.2	63.3	43.3	88.3	65.0	97.0	99.0	66.7	85.7	65.0	58.3	73.6
FINELAWN 88	99.0	92.0	55.0	43.3	50.0	83.3	58.3	96.5	99.0	60.0	93.7	72.5	53.3	73.5
CORONADO (PST-RDG)	99.0	90.9	68.3	45.0	40.0	85.0	56.7	97.7	99.0	61.7	90.3	80.0	41.7	73.5
FALCON	99.0	93.6	48.3	50.0	46.7	86.7	51.7	96.5	99.0	71.7	88.7	57.5	65.0	73.4
SILVERADO	99.0	89.7	51.1	41.7	65.0	83.3	68.3	98.3	99.0	50.0	81.7	67.5	56.7	73.2
PALISADES (OFI-TF-601)	99.0	86.2	24.6	53.3	60.0	83.3	63.3	96.7	99.0	61.7	83.3	76.7	63.3	73.1
ISI-CRC	99.0	94.1	38.3	50.0	40.0	83.3	60.8	97.7	99.0	71.7	85.3	75.0	55.0	73.0
KY-31 NO ENDO.	99.0	91.9	17.4	80.0	53.3	83.3	50.0	93.3	99.0	68.3	80.3	67.5	65.0	73.0
BAR FA 0855	99.0	88.1	25.7	48.3	48.3	85.0	59.2	98.3	99.0	76.5	96.0	77.5	46.7	72.9
LANCER	99.0	90.4	27.8	61.7	65.0	83.3	68.3	96.8	99.0	65.0	69.0	71.7	50.0	72.9
PST-5DX W/ENDOPHYTE	99.0	92.0	39.4	46.7	56.7	83.3	56.7	97.7	99.0	66.7	96.0	66.7	46.7	72.8
SR 8210	99.0	93.6	28.5	50.0	45.0	85.0	65.8	96.7	99.0	74.8	97.0	67.5	43.3	72.7
FALCON II (MB-21-92)	99.0	90.0	35.0	48.3	51.7	81.7	58.3	97.3	99.0	63.3	94.7	71.7	55.0	72.7
MONARCH	99.0	90.2	23.4	48.3	65.0	86.7	55.0	97.3	99.0	61.7	86.0	75.8	56.7	72.6
TOMAHAWK	99.0	91.1	29.2	46.7	58.3	81.7	66.7	98.0	99.0	58.3	85.3	82.5	46.7	72.5
AZTEC	99.0	91.6	36.1	65.0	53.3	81.7	53.3	96.3	99.0	58.3	87.0	73.3	48.3	72.5
PYRAMID (SIU-1)	99.0	91.2	26.8	50.0	71.7	83.3	60.0	97.7	99.0	48.3	88.0	63.3	63.3	72.4
CHIEFTAIN II (PICK CII)	99.0	88.1	34.1	61.7	51.7	81.7	62.5	97.3	96.3	50.0	85.0	70.8	60.0	72.2
ADOBE (SFL)	99.0	93.0	30.0	55.0	50.0	86.7	68.3	98.2	94.3	68.3	84.3	63.3	46.7	72.1
REBEL 3D	99.0	92.9	28.9	50.0	66.7	80.0	59.2	98.3	99.0	60.0	88.0	66.7	48.3	72.1
BONANZA II	99.0	92.6	40.0	48.3	50.0	83.3	57.5	97.7	99.0	60.0	93.7	70.8	43.3	71.9
HOUNDG V (ISI-AFE)	99.0	90.0	33.3	46.7	30.0	86.7	59.2	98.3	97.7	75.0	93.3	68.3	56.7	71.9
CROSSFIRE II (PICK 90-12)	99.0	91.2	36.1	40.0	41.7	86.7	57.5	96.8	99.0	83.2	94.7	69.2	38.3	71.8
MONTAUK	99.0	88.6	38.3	48.3	38.3	86.7	65.8	97.0	97.7	63.3	93.3	63.3	53.3	71.8

TABLE 16.
(CONT'D)PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS												MEAN	
	AZ1	GA1	GA2	IL1	IN1	MA1	MO1	MO2	MO3	MO4	NV1	TX1		VA8
KITYHAWK	99.0	90.0	26.2	45.0	56.7	85.0	60.0	97.5	99.0	68.3	88.0	64.2	53.3	71.7
BONANZA	97.7	91.7	34.0	56.7	40.0	75.0	62.5	96.7	99.0	65.0	90.7	71.7	50.0	71.6
NINJA (ATF-006)	99.0	90.7	43.9	58.3	41.7	86.7	55.0	97.7	99.0	60.0	82.3	80.8	35.0	71.5
403	99.0	89.4	45.2	58.3	45.0	83.3	53.3	97.7	99.0	61.7	86.3	56.7	53.3	71.4
DEBUTANTE (WXI-208-2)	99.0	93.1	43.3	43.3	50.0	80.0	62.5	97.7	99.0	56.7	86.7	65.8	50.0	71.3
AVANTI	99.0	91.7	18.0	56.7	63.3	88.3	54.2	97.0	99.0	66.7	84.0	62.8	43.3	71.1
SUN PRO (PICK 90-10)	99.0	86.0	47.2	51.7	41.7	80.0	64.2	97.7	99.0	56.7	83.0	66.7	48.3	70.9
FA-19	99.0	91.6	44.4	35.0	51.7	78.3	63.3	97.0	99.0	66.7	95.3	67.5	31.7	70.8
ELDORADO	99.0	90.2	32.2	48.3	38.3	80.0	62.5	97.0	99.0	60.0	90.3	69.2	53.3	70.7
STARLET (MB-24-92)	99.0	90.8	53.9	43.3	35.0	78.3	59.2	97.7	99.0	53.3	89.0	70.0	50.0	70.7
DUSTER (ITR-90-2)	99.0	86.0	20.2	48.3	46.7	78.3	70.8	96.5	94.7	65.0	86.3	73.3	51.7	70.5
PIXIE	99.0	93.3	34.4	50.0	26.7	85.0	60.0	97.3	99.0	65.0	90.0	70.8	45.0	70.4
APACHE II (PST-59D)	99.0	92.3	34.4	41.7	31.7	80.0	64.2	97.5	99.0	51.7	96.0	76.7	50.0	70.3
TWILIGHT	92.7	93.2	42.2	51.7	40.0	80.0	55.0	93.3	97.7	53.3	89.3	75.8	46.7	70.1
DUKE	99.0	92.9	38.9	46.7	35.0	83.3	64.2	97.0	97.7	51.7	85.7	60.0	58.3	70.0
BAR FA 214	99.0	92.3	22.6	40.0	46.7	81.7	59.2	97.2	99.0	68.3	75.7	80.8	46.7	69.9
FA-22	94.3	89.6	23.6	41.7	45.0	88.3	66.7	97.2	99.0	55.0	94.7	77.5	35.0	69.8
ALAMO (J-1048)	99.0	90.4	24.7	45.0	36.7	73.3	65.8	96.8	99.0	63.3	95.7	75.8	41.7	69.8
AVALON (ISI-ATK)	99.0	92.3	29.0	51.7	33.3	88.3	57.5	97.7	99.0	69.8	56.7	84.2	48.3	69.8
CAS-MA21	99.0	90.4	17.6	50.0	45.0	81.7	62.5	97.0	99.0	48.3	97.0	66.7	51.7	69.7
MARKSMAN (MB-23-92)	99.0	91.9	7.4	36.7	56.7	80.0	55.0	97.7	99.0	68.2	85.7	82.8	45.0	69.6
VEGAS	99.0	89.1	19.6	63.3	40.0	80.0	58.3	97.8	99.0	58.3	81.7	70.0	48.3	69.6
COYOTE (ZPS-ML)	99.0	91.0	39.4	31.7	43.3	80.0	63.3	96.0	99.0	65.0	73.0	67.5	55.0	69.5
BONSAI	99.0	90.2	32.6	36.7	48.3	76.7	56.7	97.7	99.0	63.3	82.7	70.0	50.0	69.4
PST-5PM	99.0	92.6	27.7	45.0	28.3	83.3	62.5	97.7	94.3	71.7	92.3	70.0	36.7	69.3
SAFARI	99.0	92.7	18.6	55.0	36.7	83.3	55.8	97.8	99.0	53.3	94.3	61.7	53.3	69.3
AUSTIN	99.0	89.9	37.8	60.0	31.7	85.0	62.5	95.8	99.0	51.7	88.0	56.7	43.3	69.3
BAR FA 2AB	99.0	84.6	33.2	51.7	38.3	81.7	52.5	96.8	91.3	68.3	91.7	70.0	40.0	69.2
EMPRESS (ZPS-E2)	99.0	93.1	23.9	48.3	43.3	86.7	61.7	97.5	92.7	65.0	92.3	63.3	31.7	69.1
GENESIS (GEN-91)	99.0	86.9	23.9	43.3	60.0	90.0	61.7	97.8	99.0	51.7	84.3	65.0	35.0	69.0
VIRTUE	99.0	86.4	0.4	45.0	45.0	83.3	61.7	96.2	99.0	61.7	89.3	72.0	58.3	69.0
PST-5LX	99.0	91.3	22.9	35.0	46.7	80.0	62.5	97.2	99.0	61.7	91.0	64.2	45.0	68.9
PRO-9178	99.0	90.2	20.0	51.7	38.3	80.0	55.0	96.5	99.0	56.7	88.0	65.8	53.3	68.7
LEPRECHAUN	99.0	89.8	31.2	50.0	43.3	76.7	65.0	97.3	99.0	51.7	74.0	61.7	51.7	68.5
RENEGADE (MB-22-92)	99.0	92.4	28.2	38.3	43.3	75.0	64.2	96.0	97.7	68.3	81.3	52.5	53.3	68.4
PST-5VC	99.0	92.0	23.2	46.7	45.0	80.0	57.5	97.8	92.7	61.7	87.0	64.2	40.0	68.2
ATF-007	99.0	89.7	37.0	35.0	30.0	80.0	59.2	97.8	99.0	60.0	97.3	62.5	40.0	68.2
SHORTSTOP II (PICK 90-06)	99.0	89.9	36.1	28.3	33.3	71.7	58.3	97.7	99.0	65.0	91.0	67.5	46.7	68.0
PST-5STB	92.7	87.9	28.6	40.0	31.7	80.0	54.2	96.3	99.0	58.3	83.7	77.5	41.7	67.0
GAZELLE (ZPS-VL)	99.0	86.6	2.8	46.7	50.0	80.0	63.3	96.8	99.0	58.3	74.3	59.2	46.7	66.4
CAS-LA20	99.0	85.0	27.8	46.7	23.3	76.7	60.8	93.7	92.7	53.3	86.7	58.3	35.0	64.5
BARLEXAS (LEXUS)	99.0	88.0	7.3	43.3	13.3	85.0	59.2	97.7	99.0	53.3	77.7	65.8	35.0	63.4
LSL VALUE	3.8	9.9	25.1	20.1	31.6	7.6	18.0	2.8	4.3	17.6	17.6	30.1	23.5	6.0

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 17. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/			
NAME	NV1	NAME	NV1
LANCER	5.8	SOUTHERN CHOICE (MB-25-92)	5.0
BONSAI PLUS	5.7	SR 8210	5.0
HERITAGE (PSTF-401)	5.7	FA-22	4.8
HOUNDOG V (ISI-AFE)	5.7	BARLEXAS (LEXUS)	4.8
SAFARI	5.7	NINJA (ATF-006)	4.8
WILDCAT (PSTF-200)	5.7	PST-5DX W/ENDOPHYTE	4.8
CORONADO (PST-RDG)	5.5	PYRAMID (SIU-1)	4.8
ELDORADO	5.5	REBEL, JR.	4.8
FALCON	5.5	TRAILBLAZER II	4.8
FALCON II (MB-21-92)	5.5	VEGAS	4.8
GENESIS (GEN-91)	5.5	AZTEC	4.7
MIRAGE (KWS-DSL)	5.5	BAR FA 214	4.7
MONTAUK	5.5	BAR FA 2AB	4.7
PSTF-LF	5.5	CAS-LA20	4.7
BONANZA	5.3	CHIEFTAIN II (PICK CII)	4.7
FINELAWN 88	5.3	COYOTE (ZPS-ML)	4.7
ISI-AFA	5.3	DEBUTANTE (WXI-208-2)	4.7
OLYMPIC II	5.3	FINELAWN PETITE	4.7
PALISADES (OFI-TF-601)	5.3	GENERIC (CAFA 101)	4.7
PRO-9178	5.3	GUARDIAN	4.7
PST-5STB	5.3	ISI-CRC	4.7
REBEL 3D	5.3	LEPRECHAUN	4.7
RENEGADE (MB-22-92)	5.3	M-2	4.7
TOMAHAWK	5.3	MONARCH	4.7
TWILIGHT	5.3	PST-5VC	4.7
VIRTUE	5.3	TITAN 2 (SR 8010)	4.7
ALAMO (J-1048)	5.2	ANTHEM	4.5
ASTRO 2000	5.2	ATF-007	4.5
AUSTIN	5.2	COCHISE	4.5
AVALON (ISI-ATK)	5.2	DUSTER (ITR-90-2)	4.5
CAS-MA21	5.2	KITTYHAWK	4.5
CROSSFIRE II (PICK 90-12)	5.2	KY-31 NO ENDO.	4.5
FA-19	5.2	MARKSMAN (MB-23-92)	4.5
SR 8300	5.2	PHOENIX	4.5
APACHE II (PST-59D)	5.0	SILVERADO	4.5
AVANTI	5.0	STARLET (MB-24-92)	4.5
BAR FA 0855	5.0	ADOBE (SFL)	4.3
BONANZA II	5.0	ARID	4.3
EMPRESS (ZPS-E2)	5.0	DUKE	4.3
GRANDE (SR 8400)	5.0	KY-31 W/ENDO.	4.3
JAGUAR 3 (ZPS-J3)	5.0	403	4.2
MICRO DD	5.0	GAZELLE (ZPS-VL)	4.2
PIXIE	5.0	SR 8200	4.2
PST-5LX	5.0	SUN PRO (PICK 90-10)	4.0
PST-5EM	5.0	BONSAI	3.8
SHENANDOAH	5.0		
SHORTSTOP II (PICK 90-06)	5.0	LSD VALUE	1.0

1/ FROST TOLERANCE RATED IN 1994 AND 1995.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 18. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/								WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION							
NAME	AR1	AZ1	BC1	CO1	TX1	VA8	MEAN	NAME	AR1	AZ1	BC1	CO1	TX1	VA8	MEAN
TWILIGHT	6.0	7.7	6.0	2.0	8.0	8.7	6.4	SAFARI	6.0	7.8	5.3	3.0	8.0	6.0	6.0
COYOTE (ZPS-ML)	6.0	7.8	6.0	3.3	8.0	7.0	6.4	ATF-007	6.3	7.7	5.0	2.7	8.0	6.3	6.0
FALCON II (MB-21-92)	6.0	7.8	5.3	3.0	8.0	7.7	6.3	MIRAGE (KWS-DSL)	5.7	7.7	5.3	2.7	8.0	6.7	6.0
EMPRESS (ZPS-E2)	5.7	7.7	6.0	3.0	8.0	7.3	6.3	PST-5DX W/ENDOPHYTE	6.0	7.7	5.3	2.7	8.0	6.3	6.0
TOMAHAWK	6.3	8.0	6.3	3.0	8.0	6.0	6.3	GUARDIAN	5.7	7.9	5.3	2.7	8.0	6.3	6.0
BARLEXAS (LEXUS)	6.0	7.9	5.3	3.0	8.0	7.3	6.3	VEGAS	5.3	7.6	5.0	2.7	8.0	7.3	6.0
ALAMO (J-1048)	6.3	7.8	5.3	3.3	8.0	6.7	6.2	AZTEC	6.0	7.8	5.0	3.0	7.7	6.3	6.0
CROSSFIRE II (PICK 90-12)	6.7	7.8	5.7	2.3	8.0	7.0	6.2	BONANZA	5.7	7.7	5.3	2.7	7.7	6.7	5.9
NINJA (ATF-006)	6.7	7.8	4.7	2.7	8.0	7.7	6.2	ISI-CRC	5.7	7.7	5.3	3.0	8.0	6.0	5.9
PST-5STB	6.0	7.8	5.3	3.0	8.0	7.3	6.2	PALISADES (OFI-TF-601)	4.7	7.7	6.0	3.3	8.0	6.0	5.9
SOUTHERN CHOICE (MB-25-92)	6.3	7.8	5.3	3.0	8.0	7.0	6.2	MICRO DD	5.7	7.7	5.3	2.3	8.0	6.7	5.9
ADOBE (SFL)	7.0	7.7	5.3	2.7	8.0	6.7	6.2	PST-5VC	6.0	7.7	5.3	2.3	7.3	7.0	5.9
ISI-AFA	6.3	7.7	5.3	2.7	8.0	7.3	6.2	BONANZA II	5.7	7.6	5.7	2.7	7.7	6.3	5.9
AVANTI	5.7	7.6	5.7	3.0	8.0	7.3	6.2	PST-5PM	6.0	7.6	5.0	3.0	8.0	6.0	5.9
BAR FA 2AB	6.0	7.6	5.3	3.0	8.0	7.3	6.2	GRANDE (SR 8400)	5.7	7.6	5.3	3.3	8.0	5.7	5.9
CORONADO (PST-RDG)	6.0	7.6	5.0	3.3	8.0	7.3	6.2	TRAILBLAZER II	5.3	7.9	5.3	2.3	8.0	6.7	5.9
JAGUAR 3 (ZPS-J3)	6.0	7.9	6.0	2.7	8.0	6.7	6.2	CAS-MA21	5.7	7.8	5.0	2.3	8.0	6.7	5.9
PYRAMID (SIU-1)	6.0	7.8	5.3	3.0	8.0	7.0	6.2	KITTYHAWK	6.0	7.4	5.0	2.7	8.0	6.3	5.9
VIRTUE	5.3	7.8	6.3	3.0	8.0	6.7	6.2	AUSTIN	5.7	7.7	5.0	3.0	8.0	6.0	5.9
APACHE II (PST-59D)	6.7	8.0	5.3	2.3	8.0	6.7	6.2	BONSAI PLUS	5.3	7.7	5.0	3.0	8.0	6.3	5.9
SR 8210	6.3	7.7	5.3	3.3	8.0	6.3	6.2	FA-19	5.7	7.7	5.3	2.7	7.7	6.3	5.9
STARLET (MB-24-92)	6.3	7.7	5.3	2.3	8.0	7.3	6.2	AVALON (ISI-ATK)	6.0	7.9	5.0	3.0	7.7	5.7	5.9
GENESIS (GEN-91)	5.3	7.8	5.0	3.0	8.0	7.7	6.1	FA-22	5.3	7.6	5.3	3.0	8.0	6.0	5.9
PIXIE	6.0	7.8	5.7	2.7	8.0	6.7	6.1	PSTF-LF	5.3	7.6	5.3	2.7	8.0	6.3	5.9
SHENANDOAH	5.3	7.8	5.7	3.0	8.0	7.0	6.1	SR 8300	5.3	7.6	5.3	2.7	8.0	6.3	5.9
HOUNDOG V (ISI-AFE)	5.7	7.8	5.0	3.3	8.0	7.0	6.1	403	5.0	7.7	5.7	2.7	8.0	6.0	5.8
BAR FA 0855	6.0	7.7	5.0	3.0	8.0	7.0	6.1	DEBUTANTE (WXI-208-2)	5.7	7.3	5.3	2.7	8.0	6.0	5.8
CHIEFTAIN II (PICK CII)	5.0	8.0	5.7	3.0	8.0	7.0	6.1	MONARCH	5.3	7.7	5.7	2.7	8.0	5.7	5.8
WILDCAT (PSTF-200)	6.3	7.7	5.0	2.7	8.0	7.0	6.1	SILVERADO	6.0	7.7	4.7	2.7	8.0	6.0	5.8
ELDORADO	6.0	7.7	5.3	3.0	8.0	6.7	6.1	TITAN 2 (SR 8010)	5.3	7.3	5.3	2.7	8.0	6.3	5.8
FINELAWN PETITE	6.3	7.7	5.3	2.3	8.0	7.0	6.1	M-2	5.0	7.4	5.7	2.7	8.0	6.0	5.8
REBEL 3D	5.3	7.7	5.0	3.0	8.0	7.7	6.1	PST-5LX	4.7	7.8	5.3	2.3	8.0	6.7	5.8
SR 8200	6.0	7.7	5.3	3.0	8.0	6.7	6.1	ASTRO 2000	5.3	7.3	5.3	2.7	8.0	6.0	5.8
COCHISE	6.0	7.9	5.3	2.7	8.0	6.7	6.1	PRO-9178	5.7	7.7	5.0	2.7	8.0	5.7	5.8
LANCER	5.3	7.9	5.7	2.3	8.0	7.3	6.1	BONSAI	4.7	7.6	5.0	2.7	8.0	6.7	5.8
DUSTER (ITR-90-2)	5.3	7.8	5.7	3.0	8.0	6.7	6.1	CAS-LA20	5.7	7.6	5.0	2.3	7.7	6.3	5.8
RENEGADE (MB-22-92)	5.3	7.8	5.7	2.3	8.0	7.3	6.1	GENERIC (CAFA 101)	5.3	7.4	5.3	2.7	7.7	6.0	5.7
SHORTSTOP II (PICK 90-06)	6.7	7.8	5.3	2.3	7.7	6.7	6.1	HERITAGE (PSTF-401)	5.7	7.4	5.0	2.7	7.7	6.0	5.7
SUN PRO (PICK 90-10)	5.7	7.8	5.3	2.7	8.0	7.0	6.1	ARID	5.7	7.0	5.3	3.0	7.7	5.7	5.7
DUKE	5.7	7.7	5.7	3.0	8.0	6.3	6.1	ANTHEM	5.7	6.8	5.7	2.7	7.3	6.0	5.7
FINELAWN 88	6.0	7.7	5.3	3.0	8.0	6.3	6.1	OLYMPIC II	5.0	7.7	4.7	3.0	7.7	5.7	5.6
LEPRECHAUN	6.0	7.7	5.0	2.3	8.0	7.3	6.1	BAR FA 214	5.7	7.4	4.7	2.7	8.0	5.0	5.6
PHOENIX	6.0	7.7	6.0	2.7	8.0	6.0	6.1	FALCON	5.7	7.0	5.3	2.7	7.3	5.3	5.6
GAZELLE (ZPS-VL)	5.7	7.9	6.0	3.0	8.0	5.7	6.0	KY-31 NO ENDO.	5.7	6.7	5.0	2.7	7.3	4.7	5.3
REBEL, JR.	5.3	7.9	5.7	3.0	8.0	6.3	6.0	KY-31 W/ENDO.	4.3	6.7	5.0	2.7	7.0	5.3	5.2
MARKSMAN (MB-23-92)	5.7	7.8	5.3	2.7	8.0	6.7	6.0								
MONTAUK	6.0	7.8	5.3	3.0	7.7	6.3	6.0	LSL VALUE	1.2	0.5	0.8	0.8	0.5	1.1	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 19. PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/			
NAME	SD1	NAME	SD1
BONANZA II	14.5	RENEGADE (MB-22-92)	5.0
FA-22	12.0	AVANTI	4.8
BONSAI PLUS	9.5	MARKSMAN (MB-23-92)	4.8
HERITAGE (PSTF-401)	9.5	SHENANDOAH	4.8
SR 8210	9.3	SR 8200	4.8
PALISADES (OFI-TF-601)	9.0	SUN PRO (PICK 90-10)	4.8
WILDCAT (PSTF-200)	8.5	REBEL 3D	4.7
BAR FA 214	8.2	SHORTSTOP II (PICK 90-06)	4.7
403	8.0	LANCER	4.5
M-2	8.0	CHIEFTAIN II (PICK CII)	4.3
VIRTUE	8.0	DEBUTANTE (WXI-208-2)	4.3
DUKE	7.8	CAS-MA21	4.2
FALCON II (MB-21-92)	7.7	GUARDIAN	4.2
GENESIS (GEN-91)	7.7	ISI-CRC	4.2
BARLEXAS (LEXUS)	7.5	MIRAGE (KWS-DSL)	4.2
FA-19	7.3	PST-5LX	4.2
PSTF-LF	7.3	SOUTHERN CHOICE (MB-25-92)	4.2
HOUND OG V (ISI-AFE)	7.2	BAR FA 0855	4.0
PST-5VC	7.2	COYOTE (ZPS-ML)	4.0
BAR FA 2AB	7.0	GAZELLE (ZPS-VL)	4.0
AZTEC	6.8	SAFARI	4.0
DUSTER (ITR-90-2)	6.8	SILVERADO	4.0
ISI-AFA	6.8	TOMAHAWK	4.0
EMPRESS (ZPS-E2)	6.7	VEGAS	4.0
FINELAWN PETITE	6.7	ASTRO 2000	3.8
MONTAUK	6.7	CORONADO (PST-RDG)	3.8
NINJA (ATF-006)	6.7	GRANDE (SR 8400)	3.8
ANTHEM	6.5	PYRAMID (SIU-1)	3.8
ATF-007	6.3	STARLET (MB-24-92)	3.8
PIXIE	6.3	PST-5DX W/ENDOPHYTE	3.7
AUSTIN	6.2	REBEL, JR.	3.7
TWILIGHT	6.2	FINELAWN 88	3.5
APACHE II (PST-59D)	6.0	GENERIC (CAFA 101)	3.5
BONANZA	6.0	PST-5STB	3.3
CAS-LA20	6.0	OLYMPIC II	3.2
SR 8300	6.0	FALCON	3.0
PST-5PM	5.8	LEPRECHAUN	3.0
ALAMO (J-1048)	5.7	JAGUAR 3 (ZPS-J3)	2.7
BONSAI	5.7	PHOENIX	2.7
COCHISE	5.7	ARID	2.5
ELDORADO	5.7	KY-31 W/ENDO.	2.5
MONARCH	5.5	TITAN 2 (SR 8010)	2.5
TRAILBLAZER II	5.5	CROSSFIRE II (PICK 90-12)	2.3
KITTYHAWK	5.3	KY-31 NO ENDO.	1.8
MICRO ID	5.2	AVALON (ISI-ATK)	1.7
PRO-9178	5.2		
ADOBE (SFL)	5.0	LSD VALUE	4.1

1/ PERCENT WINTER KILL RATED IN 1994 AND 1995.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 20. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/							
NAME	NE3	NV1	MEAN	NAME	NE3	NV1	MEAN
MONTAUK	5.7	9.0	7.3	JAGUAR 3 (ZPS-J3)	4.3	8.0	6.2
FALCON II (MB-21-92)	5.3	9.0	7.2	ADOBE (SFL)	4.0	8.0	6.0
HOUNDG V (ISI-AFE)	5.3	9.0	7.2	ARID	4.7	7.3	6.0
SAFARI	5.3	9.0	7.2	BONSAI PLUS	4.3	7.7	6.0
BAR FA 0855	5.0	9.0	7.0	ELDORADO	4.0	8.0	6.0
FA-19	5.0	9.0	7.0	HERITAGE (PSTF-401)	4.0	8.0	6.0
SR 8210	5.0	9.0	7.0	MONARCH	3.7	8.3	6.0
ANTHEM	4.7	9.0	6.8	PST-5PM	4.0	8.0	6.0
FA-22	4.7	9.0	6.8	RENEGADE (MB-22-92)	5.0	7.0	6.0
GENESIS (GEN-91)	4.7	9.0	6.8	SHENANDOAH	4.0	8.0	6.0
PST-5DX W/ENDOPHYTE	4.7	9.0	6.8	TWILIGHT	3.0	9.0	6.0
SOUTHERN CHOICE (MB-25-92)	4.7	9.0	6.8	VEGAS	4.3	7.7	6.0
TRAILBLAZER II	4.7	9.0	6.8	VIRTUE	4.0	8.0	6.0
WILDCAT (PSTF-200)	4.7	9.0	6.8	DUSTER (ITR-90-2)	4.0	7.7	5.8
BAR FA 2AB	5.0	8.3	6.7	SUN PRO (PICK 90-10)	4.0	7.7	5.8
STARLET (MB-24-92)	5.0	8.3	6.7	AZTEC	2.7	9.0	5.8
ALAMO (J-1048)	4.3	9.0	6.7	BAR FA 214	4.3	7.3	5.8
BONANZA	4.3	9.0	6.7	CORONADO (PST-RDG)	3.7	8.0	5.8
CAS-MA21	4.3	9.0	6.7	CROSSFIRE II (PICK 90-12)	3.7	8.0	5.8
DUKE	4.7	8.7	6.7	KY-31 NO ENDO.	3.7	8.0	5.8
EMPRESS (ZPS-E2)	4.3	9.0	6.7	NINJA (ATF-006)	3.7	8.0	5.8
FALCON	4.3	9.0	6.7	PYRAMID (SIU-1)	3.7	8.0	5.8
GENERIC (CAFA 101)	5.3	8.0	6.7	APACHE II (PST-59D)	3.3	8.0	5.7
MARKSMAN (MB-23-92)	4.3	9.0	6.7	GAZELLE (ZPS-VL)	5.7	5.7	5.7
OLYMPIC II	4.3	9.0	6.7	PST-5STB	3.3	8.0	5.7
PALISADES (OFI-TF-601)	4.3	9.0	6.7	PSTF-LF	3.7	7.7	5.7
PIXIE	5.3	8.0	6.7	AVANTI	5.3	6.0	5.7
ATF-007	4.0	9.0	6.5	CHIEFTAIN II (PICK CII)	4.0	7.3	5.7
FINELAWN 88	4.0	9.0	6.5	DEBUTANTE (WXI-208-2)	5.0	6.3	5.7
MIRAGE (KWS-DSL)	4.0	9.0	6.5	KITTYHAWK	4.0	7.3	5.7
SHORTSTOP II (PICK 90-06)	4.0	9.0	6.5	BONSAI	4.3	6.7	5.5
TITAN 2 (SR 8010)	4.0	9.0	6.5	CAS-LA20	4.3	6.7	5.5
AUSTIN	4.7	8.0	6.3	COCHISE	3.7	7.3	5.5
FINELAWN PETITE	4.7	8.0	6.3	ISI-CRC	4.3	6.7	5.5
GUARDIAN	4.7	8.0	6.3	BARLEXAS (LEXUS)	4.0	6.7	5.3
PST-5VC	4.3	8.3	6.3	REBEL, JR.	4.7	6.0	5.3
BONANZA II	3.7	9.0	6.3	SILVERADO	4.0	6.7	5.3
M-2	3.7	9.0	6.3	TOMAHAWK	4.0	6.7	5.3
PRO-9178	3.7	9.0	6.3	403	4.0	6.3	5.2
PST-5LX	3.7	9.0	6.3	LANCER	4.0	6.3	5.2
ISI-AFA	4.7	7.7	6.2	COYOTE (ZPS-ML)	4.3	5.7	5.0
MICRO DD	3.3	9.0	6.2	LEPRECHAUN	4.0	6.0	5.0
REBEL 3D	4.7	7.7	6.2	KY-31 W/ENDO.	4.0	5.0	4.5
SR 8200	4.7	7.7	6.2	PHOENIX	3.7	5.0	4.3
SR 8300	4.7	7.7	6.2	AVALON (ISI-ATK)	3.3	4.7	4.0
ASTRO 2000	4.3	8.0	6.2				
GRANDE (SR 8400)	4.3	8.0	6.2	LSD VALUE	1.3	2.6	1.5

1/ DROUGHT TOLERANCE (WILTING) RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 21. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/			
NAME	NW1	NAME	NV1
ALAMO (J-1048)	9.0	REBEL 3D	8.3
ANTHEM	9.0	SR 8300	8.3
ATF-007	9.0	VIRTUE	8.3
AZTEC	9.0	APACHE II (PST-59D)	8.0
BAR FA 0855	9.0	ASTRO 2000	8.0
BONANZA	9.0	AVALON (ISI-ATK)	8.0
BONANZA II	9.0	BAR FA 214	8.0
CAS-MA21	9.0	BONSAI PLUS	8.0
EMPRESS (ZPS-E2)	9.0	FINELAWN PETITE	8.0
FA-19	9.0	GRANDE (SR 8400)	8.0
FA-22	9.0	HERITAGE (PSTF-401)	8.0
FALCON	9.0	ISI-CRC	8.0
FALCON II (MB-21-92)	9.0	JAGUAR 3 (ZPS-J3)	8.0
FINELAWN 88	9.0	KITTYHAWK	8.0
GENESIS (GEN-91)	9.0	KY-31 NO ENDO.	8.0
HOUNDOG V (ISI-AFE)	9.0	NINJA (ATF-006)	8.0
LANCER	9.0	PIXIE	8.0
M-2	9.0	PST-5PM	8.0
MARKSMAN (MB-23-92)	9.0	PSTF-LF	8.0
MICRO DD	9.0	STARLET (MB-24-92)	8.0
MIRAGE (KWS-DSL)	9.0	SUN PRO (PICK 90-10)	8.0
MONTAUK	9.0	VEGAS	8.0
OLYMPIC II	9.0	ADOBE (SFL)	7.7
PALISADES (OFI-TF-601)	9.0	AUSTIN	7.7
PRO-9178	9.0	COCHISE	7.7
PST-5DX W/ENDOPHYTE	9.0	DEBUTANTE (WXI-208-2)	7.7
PST-5LX	9.0	DUSTER (ITR-90-2)	7.7
SAFARI	9.0	ISI-AFA	7.7
SHORTSTOP II (PICK 90-06)	9.0	RENEGADE (MB-22-92)	7.7
SOUTHERN CHOICE (MB-25-92)	9.0	SR 8200	7.7
SR 8210	9.0	ARID	7.3
TITAN 2 (SR 8010)	9.0	CAS-LA20	7.3
TRAILBLAZER II	9.0	CHIEFTAIN II (PICK CII)	7.3
TWILIGHT	9.0	BARLEXAS (LEXUS)	7.0
WILDCAT (PSTF-200)	9.0	SILVERADO	7.0
DUKE	8.7	TOMAHAWK	7.0
MONARCH	8.7	403	6.7
SHENANDOAH	8.7	AVANTI	6.7
BAR FA 2AB	8.3	BONSAI	6.7
CORONADO (PST-RDG)	8.3	LEPRECHAUN	6.7
CROSSFIRE II (PICK 90-12)	8.3	REBEL, JR.	6.3
ELDORADO	8.3	COYOTE (ZPS-ML)	6.0
GENERIC (CAFA 101)	8.3	GAZELLE (ZPS-VL)	5.7
GUARDIAN	8.3	KY-31 W/ENDO.	5.7
PST-5STB	8.3	PHOENIX	5.0
PST-5VC	8.3		
PYRAMID (SIU-1)	8.3	LSD VALUE	2.1

1/ ROUGHT TOLERANCE (DORMANCY) RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 22. TYPHULA BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/			
NAME	PA1	NAME	PA1
AVANTI	4.7	DUKE	2.3
BAR FA 2AB	4.7	M-2	2.3
GENERIC (CAFA 101)	4.7	PRO-9178	2.3
KY-31 W/ENDO.	4.7	PST-5VC	2.3
PALISADES (OFI-TF-601)	4.7	SR 8210	2.3
BAR FA 214	4.0	STARLET (MB-24-92)	2.3
ADOBE (SFL)	3.7	SUN PRO (PICK 90-10)	2.3
COCHISE	3.7	TITAN 2 (SR 8010)	2.3
COYOTE (ZPS-ML)	3.7	APACHE II (PST-59D)	2.0
ELDORADO	3.7	AVALON (ISI-ATK)	2.0
GENESIS (GEN-91)	3.7	BONSAI	2.0
SAFARI	3.7	CORONADO (PST-RDG)	2.0
VEGAS	3.7	DEBUTANTE (WXI-208-2)	2.0
ATF-007	3.3	LANCER	2.0
AUSTIN	3.3	LEPRECHAUN	2.0
EMPRESS (ZPS-E2)	3.3	MICRO DD	2.0
GAZELLE (ZPS-VL)	3.3	SHENANDOAH	2.0
JAGUAR 3 (ZPS-J3)	3.3	SILVERADO	2.0
KY-31 NO ENDO.	3.3	SR 8200	2.0
BARLEXAS (LEXUS)	3.3	BONANZA II	1.7
PHOENIX	3.3	FA-19	1.7
PST-5LX	3.3	FINELAWN PETITE	1.7
TWILIGHT	3.3	GRANDE (SR 8400)	1.7
ALAMO (J-1048)	3.0	MONARCH	1.7
ARID	3.0	NINJA (ATF-006)	1.7
AZTEC	3.0	PST-5DX W/ENDOPHYTE	1.7
BAR FA 0855	3.0	REBEL 3D	1.7
CAS-MA21	3.0	REBEL, JR.	1.7
CROSSFIRE II (PICK 90-12)	3.0	SHORTSTOP II (PICK 90-06)	1.7
DUSTER (ITR-90-2)	3.0	TRAILBLAZER II	1.7
FALCON II (MB-21-92)	3.0	WILDCAT (PSTF-200)	1.7
PST-5STB	3.0	403	1.3
BONSAI PLUS	2.7	FA-22	1.3
CAS-LA20	2.7	HERITAGE (PSTF-401)	1.3
FALCON	2.7	HOUNDOG V (ISI-AFE)	1.3
FINELAWN 88	2.7	ISI-CRC	1.3
GUARDIAN	2.7	MARKSMAN (MB-23-92)	1.3
KITTYHAWK	2.7	MONTAUK	1.3
MIRAGE (KWS-DSL)	2.7	ANTHEM	1.0
OLYMPIC II	2.7	BONANZA	1.0
PST-5PM	2.7	ISI-AFA	1.0
PSTF-LF	2.7	PIXIE	1.0
PYRAMID (SIU-1)	2.7	RENEGADE (MB-22-92)	1.0
SOUTHERN CHOICE (MB-25-92)	2.7	SR 8300	1.0
VIRTUE	2.7	TOMAHAWK	1.0
ASTRO 2000	2.3		
CHIEFTAIN II (PICK CII)	2.3	LSD VALUE	2.7

1/ TYPHULA BLIGHT RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 23. FUSARIUM PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

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

NAME	PA1	NAME	PA1
ALAMO (J-1048)	8.0	GENERIC (CAFA 101)	7.3
ARID	8.0	HOUNDOG V (ISI-AFE)	7.3
BONANZA	8.0	LEPRECHAUN	7.3
CORONADO (PST-RDG)	8.0	MONARCH	7.3
COYOTE (ZPS-ML)	8.0	OLYMPIC II	7.3
DUSTER (ITR-90-2)	8.0	PHOENIX	7.3
GRANDE (SR 8400)	8.0	PRO-9178	7.3
ISI-AFA	8.0	PST-5LX	7.3
ISI-CRC	8.0	REBEL, JR.	7.3
JAGUAR 3 (ZPS-J3)	8.0	SAFARI	7.3
MARKSMAN (MB-23-92)	8.0	SHENANDOAH	7.3
PST-5DX W/ENDOPHYTE	8.0	SOUTHERN CHOICE (MB-25-92)	7.3
PST-5VC	8.0	SR 8210	7.3
TOMAHAWK	8.0	VIRTUE	7.3
ADOBE (SFL)	7.7	ANTHEM	7.0
APACHE II (PST-59D)	7.7	KITTYHAWK	7.0
AVALON (ISI-ATK)	7.7	MIRAGE (KWS-DSL)	7.0
AVANTI	7.7	PALISADES (OFI-TF-601)	7.0
CAS-LA20	7.7	PST-5PM	7.0
CAS-MA21	7.7	PSTF-LF	7.0
COCHISE	7.7	ATF-007	6.7
CROSSFIRE II (PICK 90-12)	7.7	AZTEC	6.7
ELDORADO	7.7	BONANZA II	6.7
EMPRESS (ZPS-E2)	7.7	BONSAI	6.7
FA-19	7.7	CHIEFTAIN II (PICK CII)	6.7
FA-22	7.7	FINELAWN PETITE	6.7
FALCON	7.7	NINJA (ATF-006)	6.7
FALCON II (MB-21-92)	7.7	WILDCAT (PSTF-200)	6.7
GAZELLE (ZPS-VL)	7.7	ASTRO 2000	6.3
GENESIS (GEN-91)	7.7	AUSTIN	6.3
GUARDIAN	7.7	M-2	6.3
KY-31 NO ENDO.	7.7	MICRO DD	6.3
KY-31 W/ENDO.	7.7	DEBUTANTE (WXI-208-2)	6.0
MONTAUK	7.7	HERITAGE (PSTF-401)	6.0
PIXIE	7.7	BARLEXAS (LEXUS)	6.0
PST-5STB	7.7	SILVERADO	5.7
PYRAMID (SIU-1)	7.7	TWILIGHT	5.7
RENEGADE (MB-22-92)	7.7	403	5.0
SHORTSTOP II (PICK 90-06)	7.7	LANCER	5.0
SR 8200	7.7	TRAILBLAZER II	5.0
SR 8300	7.7	BONSAI PLUS	4.7
STARLET (MB-24-92)	7.7	VEGAS	4.7
SUN PRO (PICK 90-10)	7.7	REBEL 3D	4.3
TITAN 2 (SR 8010)	7.7	BAR FA 2AB	4.0
BAR FA 0855	7.3	BAR FA 214	3.7
DUKE	7.3		
FINELAWN 88	7.3	LSD VALUE	1.2

1/ FUSARIUM PATCH RATED IN 1993 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 24. LEAF SPOT RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/			
NAME	TX1	NAME	TX1
AVALON (ISI-ATK)	7.7	STARLET (MB-24-92)	5.7
HOUNDOG V (ISI-AFE)	7.7	SUN PRO (PICK 90-10)	5.7
ANTHEM	7.0	ASTRO 2000	5.3
BAR FA 0855	7.0	CAS-LA20	5.3
CORONADO (PST-RDG)	7.0	ELDORADO	5.3
CROSSFIRE II (PICK 90-12)	7.0	FALCON II (MB-21-92)	5.3
FINELAWN 88	7.0	GUARDIAN	5.3
ISI-AFA	7.0	JAGUAR 3 (ZPS-J3)	5.3
SAFARI	7.0	LEPRECHAUN	5.3
ALAMO (J-1048)	6.7	SOUTHERN CHOICE (MB-25-92)	5.3
ATF-007	6.7	AUSTIN	5.0
BONSAI PLUS	6.7	BAR FA 214	5.0
CAS-MA21	6.7	CHIEFTAIN II (PICK CII)	5.0
GRANDE (SR 8400)	6.7	KITTYHAWK	5.0
PIXIE	6.7	PYRAMID (SIU-1)	5.0
PST-5DX W/ENDOPHYTE	6.7	AZTEC	4.7
REBEL, JR.	6.7	DUKE	4.7
TITAN 2 (SR 8010)	6.7	DUSTER (ITR-90-2)	4.7
APACHE II (PST-59D)	6.3	FA-19	4.7
ARID	6.3	FALCON	4.7
KY-31 W/ENDO.	6.3	FINELAWN PETITE	4.7
SR 8200	6.3	BARLEXAS (LEXUS)	4.7
BAR FA 2AB	6.0	PRO-9178	4.7
BONSAI	6.0	PST-5LX	4.7
COYOTE (ZPS-ML)	6.0	PST-5STB	4.7
EMERESS (ZPS-E2)	6.0	SHORTSTOP II (PICK 90-06)	4.7
HERITAGE (PSTF-401)	6.0	SR 8300	4.7
ISI-CRC	6.0	TRAILBLAZER II	4.7
LANCER	6.0	VIRTUE	4.7
M-2	6.0	AVANTI	4.3
MICRO DD	6.0	DEBUTANTE (WXI-208-2)	4.3
PALISADES (OFI-TF-601)	6.0	PST-5VC	4.3
PHOENIX	6.0	VEGAS	4.3
PST-5PM	6.0	403	4.0
PSTF-LF	6.0	BONANZA	4.0
WILDCAT (PSTF-200)	6.0	NINJA (ATF-006)	4.0
ADOBE (SFL)	5.7	OLYMPIC II	4.0
BONANZA II	5.7	RENEGADE (MB-22-92)	4.0
COCHISE	5.7	SILVERADO	4.0
FA-22	5.7	GENERIC (CAFA 101)	3.7
GAZELLE (ZPS-VL)	5.7	MONTAUK	3.7
KY-31 NO ENDO.	5.7	GENESIS (GEN-91)	3.3
MARKSMAN (MB-23-92)	5.7	TOMAHAWK	3.0
MIRAGE (KWS-DSL)	5.7	TWILIGHT	3.0
REBEL 3D	5.7	MONARCH	2.7
SHENANDOAH	5.7		
SR 8210	5.7	LSD VALUE	3.1

1/ LEAF SPOT RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 25. NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

NET BLOTCH RATINGS 1-9; 9=NO DISEASE 2/			
NAME	NJ2	NAME	NJ2
BARLEXAS (LEXUS)	8.3	M-2	5.3
CORONADO (PST-RDG)	7.7	MARKSMAN (MB-23-92)	5.3
PST-5VC	7.7	OLYMPIC II	5.3
COYOTE (ZPS-ML)	7.3	PST-5LX	5.3
DUSTER (ITR-90-2)	7.3	RENEGADE (MB-22-92)	5.3
ELDORADO	7.3	SHORTSTOP II (PICK 90-06)	5.3
GAZELLE (ZPS-VL)	7.3	ADOBE (SFL)	5.0
PIXIE	7.3	BONSAI PLUS	5.0
APACHE II (PST-59D)	7.0	CAS-MA21	5.0
JAGUAR 3 (ZPS-J3)	7.0	FALCON	5.0
MICRO DD	7.0	MONARCH	5.0
PST-5STB	7.0	PALISADES (OFI-TF-601)	5.0
REBEL 3D	7.0	PHOENIX	5.0
ISI-AFA	6.7	TRAILBLAZER II	5.0
MONTAUK	6.7	WILDCAT (PSTF-200)	5.0
PST-5DX W/ENDOPHYTE	6.7	ALAMO (J-1048)	4.7
PST-5PM	6.7	COCHISE	4.7
SILVERADO	6.7	FINELAWN 88	4.7
TOMAHAWK	6.7	GUARDIAN	4.7
ATF-007	6.3	AVALON (ISI-ATK)	4.3
FALCON II (MB-21-92)	6.3	HERITAGE (PSTF-401)	4.3
FINELAWN PETITE	6.3	PSTF-LF	4.3
GENESIS (GEN-91)	6.3	REBEL, JR.	4.3
HOUNDOG V (ISI-AFE)	6.3	VIRTUE	4.3
SAFARI	6.3	403	4.0
BAR FA 214	6.0	ASTRO 2000	4.0
BONANZA	6.0	AVANTI	4.0
DUKE	6.0	BAR FA 2AB	4.0
FA-19	6.0	ISI-CRC	4.0
LANCER	6.0	KITTYHAWK	4.0
SOUTHERN CHOICE (MB-25-92)	6.0	SR 8200	4.0
SUN PRO (PICK 90-10)	6.0	TITAN 2 (SR 8010)	4.0
BONSAI	5.7	ANTHEM	3.7
DEBUTANTE (WXL-208-2)	5.7	ARID	3.7
EMERESS (ZPS-E2)	5.7	SHENANDOAH	3.7
PRO-9178	5.7	SR 8300	3.7
SR 8210	5.7	TWILIGHT	3.7
STARLET (MB-24-92)	5.7	BONANZA II	3.3
VEGAS	5.7	FA-22	3.3
AUSTIN	5.3	KY-31 NO ENDO.	3.3
BAR FA 0855	5.3	NINJA (ATF-006)	3.3
CAS-LA20	5.3	KY-31 W/ENDO.	2.3
CHIEFTAIN II (PICK CII)	5.3	AZTEC	2.0
CROSSFIRE II (PICK 90-12)	5.3	MIRAGE (KWS-DSL)	2.0
GENERIC (CAFA 101)	5.3	PYRAMID (SIU-1)	2.0
GRANDE (SR 8400)	5.3		
LEPRECHAUN	5.3	LSD VALUE	1.6

1/ NET BLOTCH RATED IN 1993 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 26. RED THREAD RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/		
	BC1	VA6	MEAN
AVALON (ISI-ATK)	9.0	6.0	7.5
CAS-LA20	8.3	6.7	7.5
AUSTIN	9.0	5.3	7.2
BONSAI PLUS	9.0	5.3	7.2
GENESIS (GEN-91)	8.3	5.7	7.0
GUARDIAN	9.0	5.0	7.0
REBEL, JR.	8.3	5.7	7.0
TWILIGHT	9.0	5.0	7.0
BONSAI	9.0	4.7	6.8
FALCON II (MB-21-92)	8.3	5.3	6.8
REBEL 3D	8.3	5.3	6.8
HOUND OG V (ISI-AFE)	8.3	5.0	6.7
OLYMPIC II	8.3	5.0	6.7
PHOENIX	8.3	5.0	6.7
ARID	7.7	5.3	6.5
CAS-MA21	7.7	5.3	6.5
COCHISE	8.3	4.7	6.5
CORONADO (PST-RDG)	9.0	4.0	6.5
GENERIC (CAFA 101)	8.3	4.7	6.5
ISI-AFA	7.7	5.3	6.5
BARLEXAS (LEXUS)	7.7	5.3	6.5
RENEGADE (MB-22-92)	8.3	4.7	6.5
SAFARI	8.3	4.7	6.5
SILVERADO	8.3	4.7	6.5
APACHE II (PST-59D)	7.7	5.0	6.3
FA-22	8.3	4.3	6.3
FALCON	7.7	5.0	6.3
FINELAWN PETITE	8.3	4.3	6.3
M-2	7.7	5.0	6.3
MARKSMAN (MB-23-92)	7.7	5.0	6.3
MONARCH	8.3	4.3	6.3
NINJA (ATF-006)	8.3	4.3	6.3
SR 8210	8.3	4.3	6.3
SR 8300	7.0	5.7	6.3
STARLET (MB-24-92)	7.0	5.7	6.3
TOMAHAWK	7.7	5.0	6.3
WILDCAT (PSTF-200)	9.0	3.7	6.3
DEBUTANTE (WXI-208-2)	7.7	4.7	6.2
ELDORADO	7.7	4.7	6.2
FINELAWN 88	8.3	4.0	6.2
LEPRECHAUN	7.7	4.7	6.2
MICRO DD	9.0	3.3	6.2
PST-5LX	7.7	4.7	6.2
PST-5PM	7.7	4.7	6.2
PSTF-LF	7.7	4.7	6.2
SOUTHERN CHOICE (MB-25-92)	8.3	4.0	6.2
TITAN 2 (SR 8010)	8.3	4.0	6.2

RED THREAD RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE		
	BC1	VA6	MEAN
VEGAS	8.3	4.0	6.2
AZTEC	7.0	5.3	6.2
PALISADES (OFI-TF-601)	7.0	5.3	6.2
AVANTI	7.7	4.3	6.0
BAR FA 2AB	7.7	4.3	6.0
EMPRESS (ZPS-E2)	8.3	3.7	6.0
GRANDE (SR 8400)	8.3	3.7	6.0
HERITAGE (PSTF-401)	9.0	3.0	6.0
ISI-CRC	6.7	5.3	6.0
KY-31 W/ENDO.	7.7	4.3	6.0
PST-5DX W/ENDOPHYTE	8.3	3.7	6.0
PYRAMID (SIU-1)	7.7	4.3	6.0
SHORTSTOP II (PICK 90-06)	8.3	3.7	6.0
VIRTUE	8.3	3.7	6.0
BAR FA 214	7.7	4.0	5.8
FA-19	7.7	4.0	5.8
GAZELLE (ZPS-VL)	7.7	4.0	5.8
JAGUAR 3 (ZPS-J3)	7.7	4.0	5.8
SUN PRO (PICK 90-10)	7.7	4.0	5.8
BAR FA 0855	7.7	3.7	5.7
MIRAGE (KWS-DSL)	6.7	4.7	5.7
CROSSFIRE II (PICK 90-12)	6.0	5.3	5.7
LANCER	7.0	4.3	5.7
SR 8200	7.0	4.3	5.7
ASTRO 2000	7.7	3.3	5.5
ATF-007	7.7	3.3	5.5
CHIEFTAIN II (PICK CII)	7.0	4.0	5.5
KITTYHAWK	7.0	4.0	5.5
KY-31 NO ENDO.	7.7	3.3	5.5
PIXIE	7.7	3.3	5.5
PRO-9178	7.0	4.0	5.5
PST-5STB	7.7	3.3	5.5
PST-5VC	7.7	3.3	5.5
TRAILBLAZER II	6.7	4.3	5.5
ALAMO (J-1048)	7.7	3.0	5.3
BONANZA	8.3	2.3	5.3
COYOTE (ZPS-ML)	8.3	2.3	5.3
SHENANDOAH	7.7	3.0	5.3
403	7.0	3.7	5.3
ANTHEM	7.3	3.3	5.3
DUKE	7.0	3.7	5.3
DUSTER (ITR-90-2)	7.3	2.7	5.0
MONTAUK	7.0	3.0	5.0
ADOBE (SFL)	6.7	3.0	4.8
BONANZA II	7.0	2.3	4.7
LSD VALUE	1.9	2.7	1.7

1/ RED THREAD RATED IN 1995 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 27.

BROWN PATCH LOCATIONS RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

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

NAME	AR1	AR2	AZ1	IL2	IN1	KS1	KS2	MD1	MO1	MO2	NJ1	PA1	SD1	VA1	VA4	VA8	MEAN
JAGUAR 3 (ZPS-J3)	8.5	8.0	9.0	6.1	8.0	6.0	4.7	7.7	8.3	4.5	6.3	7.2	9.0	6.7	4.3	5.7	6.9
BAR FA 0855	7.5	7.5	8.0	6.3	6.7	7.3	5.7	6.7	7.3	4.8	7.0	7.5	8.3	6.3	4.0	6.0	6.7
KY-31 NO ENDO.	6.5	7.2	9.0	6.8	7.3	6.2	6.7	7.7	7.7	5.2	5.0	7.8	9.0	5.3	4.7	3.3	6.6
PHOENIX	7.7	7.8	7.3	7.0	7.0	7.5	6.3	6.3	8.3	5.3	5.3	7.3	9.0	6.0	4.2	2.3	6.6
AVANTI	8.0	7.3	8.0	6.9	6.7	6.5	5.7	7.7	7.3	5.3	5.7	7.2	9.0	5.0	4.7	3.0	6.5
KY-31 W/ENDO.	7.0	7.8	9.0	6.4	7.7	6.7	6.7	7.7	7.7	4.8	6.3	7.5	9.0	4.7	3.8	1.0	6.5
VEGAS	7.3	6.7	9.0	5.8	5.3	6.7	5.3	8.0	7.0	4.5	6.0	8.2	8.3	6.7	4.2	4.3	6.5
SAFARI	8.2	6.8	9.0	6.3	5.7	7.0	5.7	7.0	7.7	5.2	4.0	7.5	9.0	6.0	4.2	3.3	6.4
GENERIC (CAFA 101)	7.0	6.7	9.0	6.8	5.3	7.3	6.0	7.3	7.3	5.2	4.7	8.0	9.0	6.0	4.0	2.7	6.4
ASTRO 2000	6.8	6.3	8.0	6.3	6.7	6.7	6.7	7.0	8.0	4.3	5.7	7.2	9.0	5.7	4.5	3.3	6.4
FALCON	7.5	7.2	8.0	6.2	7.3	6.3	5.7	7.7	7.3	5.5	4.0	7.2	9.0	5.0	4.3	3.7	6.4
BONANZA II	7.7	8.3	8.0	5.0	6.0	6.0	5.0	6.7	7.7	5.7	4.3	7.2	8.3	7.3	4.0	4.3	6.3
FALCON II (MB-21-92)	8.3	7.5	9.0	5.8	5.7	6.2	6.3	6.3	7.0	5.5	3.7	7.3	8.3	7.3	4.2	3.0	6.3
PYRAMID (SIU-1)	8.2	7.5	7.3	7.1	6.3	6.7	4.3	7.0	7.7	5.2	4.0	7.0	9.0	6.7	3.2	4.3	6.3
ISI-CRC	6.5	6.8	8.0	7.0	4.7	6.5	5.7	7.7	6.7	5.0	5.7	7.7	9.0	6.7	4.2	3.3	6.3
GUARDIAN	8.2	7.0	9.0	7.0	4.0	5.8	5.7	6.7	8.3	5.0	3.7	7.2	9.0	5.3	4.2	4.7	6.3
SHENANDOAH	7.7	6.8	9.0	6.0	6.0	6.0	5.0	7.0	8.0	5.0	4.7	7.5	9.0	6.7	4.2	2.0	6.3
GENESIS (GEN-91)	7.8	7.0	9.0	6.3	5.3	6.5	5.0	6.7	8.0	5.2	4.3	7.3	9.0	6.3	3.7	3.0	6.3
BAR FA 2AB	7.8	7.3	8.0	5.1	5.7	7.3	6.0	6.7	6.0	4.8	4.3	8.2	9.0	6.3	3.7	4.0	6.3
PSTF-LF	6.8	6.8	8.0	6.6	6.7	5.7	6.0	6.3	8.3	4.7	4.7	7.3	9.0	6.0	4.0	3.3	6.3
AUSTIN	7.0	6.8	9.0	7.0	5.0	5.7	6.7	6.3	6.0	4.7	4.7	7.8	9.0	6.3	4.8	3.3	6.3
ANTHEM	7.2	7.7	9.0	7.2	6.7	5.3	5.7	6.7	7.3	5.5	4.3	7.8	8.0	6.3	4.2	1.0	6.2
RENEGADE (MB-22-92)	8.2	7.2	9.0	4.7	5.7	5.5	6.7	6.7	7.7	5.0	3.3	7.2	9.0	6.3	3.5	4.3	6.2
TOMAHAWK	7.2	6.8	9.0	6.1	5.3	5.8	5.3	7.3	7.0	5.0	4.0	7.7	9.0	6.0	3.7	4.3	6.2
HERITAGE (PSTF-401)	6.3	7.3	9.0	6.4	7.0	6.0	5.7	7.0	8.3	4.8	4.7	7.2	9.0	6.0	3.0	1.7	6.2
MIRAGE (KWS-DSL)	7.8	6.8	9.0	5.9	5.3	6.3	5.3	7.3	8.0	5.3	5.7	6.8	8.3	5.3	4.0	2.0	6.2
FA-19	7.0	6.3	8.0	4.9	6.0	7.3	5.0	7.0	7.0	4.7	4.0	7.7	9.0	7.0	3.7	4.7	6.2
ARID	8.0	7.3	8.0	6.7	6.0	5.7	5.7	5.7	7.7	5.0	4.0	7.3	9.0	6.3	3.8	3.0	6.2
DUKE	7.5	6.2	8.0	6.2	6.0	7.0	6.0	6.0	7.7	5.2	4.3	7.5	8.7	6.3	4.2	2.3	6.2
FINELAWN PETITE	7.5	7.2	8.0	5.2	5.3	6.7	6.0	6.7	7.3	5.0	3.7	7.3	8.7	5.3	4.8	4.3	6.2
SR 8300	7.3	7.2	8.0	6.0	5.3	6.8	6.3	6.7	7.7	5.7	4.0	7.0	9.0	6.3	4.5	1.0	6.2
ALAMO (J-1048)	8.0	6.0	9.0	6.8	5.3	6.5	5.7	6.7	7.7	5.2	4.3	6.8	8.0	6.3	3.8	2.7	6.2
ISI-AFA	8.3	7.5	7.3	5.9	5.3	6.0	5.0	6.3	7.3	5.5	4.0	8.0	9.0	5.7	3.8	3.7	6.2
M-2	7.8	6.3	9.0	7.1	4.7	5.7	5.7	6.3	7.3	5.5	4.7	7.0	8.7	5.3	3.5	4.0	6.2
WILDCAT (PSTF-200)	7.8	6.7	9.0	6.2	5.3	5.7	6.0	6.7	7.0	4.8	4.7	7.7	9.0	6.0	3.8	2.0	6.1
CROSSFIRE II (PICK 90-12)	7.3	7.5	7.3	6.4	5.0	6.2	4.3	8.0	7.3	4.8	4.7	7.5	8.3	7.0	3.5	3.0	6.1
BONANZA	7.8	6.3	8.0	5.7	4.7	6.7	5.3	6.7	8.3	5.5	4.3	7.2	9.0	6.0	4.3	2.3	6.1
AVALON (ISI-ATK)	7.0	6.2	6.3	6.2	7.0	6.7	6.0	6.0	7.7	5.0	6.3	8.0	8.7	6.0	3.7	1.3	6.1
LEPRECHAUN	7.5	7.0	8.0	5.6	6.7	5.2	5.0	7.3	8.0	5.0	5.0	7.5	8.7	6.3	4.2	1.0	6.1
PALISADES (OFI-TF-601)	7.3	7.8	6.3	6.3	6.3	6.7	6.0	6.0	7.0	5.0	4.3	7.3	8.7	5.7	4.7	2.3	6.1
MONARCH	7.3	7.5	9.0	5.8	6.0	6.5	5.0	7.7	6.3	4.8	3.7	6.7	9.0	6.7	4.2	1.7	6.1
OLYMPIC II	6.2	6.5	8.0	6.2	6.7	6.8	6.0	7.0	7.7	5.5	4.7	6.5	9.0	5.0	4.2	1.7	6.1
GRANDE (SR 8400)	8.0	8.2	6.3	7.6	6.0	6.5	5.3	6.0	7.0	5.3	3.7	7.5	9.0	6.3	3.5	1.3	6.1
BARLEXAS (LEXUS)	7.7	6.3	9.0	5.2	3.7	6.5	5.3	6.3	7.3	5.2	4.3	7.3	9.0	7.0	3.3	4.0	6.1
EMPRESS (ZPS-E2)	7.0	7.2	9.0	6.4	4.0	5.3	5.3	6.7	7.7	5.5	4.3	6.7	6.7	6.0	4.3	5.3	6.1
KITTYHAWK	7.3	6.5	9.0	4.8	6.0	6.0	5.7	6.7	8.0	5.3	4.0	6.7	9.0	5.0	4.5	3.0	6.1
AZTEC	8.2	8.0	7.0	6.2	6.0	6.0	5.0	6.3	6.7	5.2	5.0	7.2	7.7	6.0	3.7	3.3	6.1
SILVERADO	7.5	6.0	6.0	5.6	6.0	6.2	5.0	7.3	7.3	4.8	4.7	7.7	9.0	7.0	4.3	2.7	6.1
SOUTHERN CHOICE (MB-25-92)	7.5	6.3	9.0	6.0	5.3	6.3	5.0	7.0	7.3	4.8	4.7	7.3	8.0	6.0	3.7	2.7	6.1
FINELAWN 88	7.2	6.3	8.0	6.1	5.3	6.2	5.3	6.7	7.0	5.3	4.3	7.2	8.3	6.3	5.3	2.0	6.1

TABLE 27. (CONT'D)

BROWN PATCH LOCATIONS RATINGS OF TALL FESCUE CULTIVARS
1993-1995 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	AR1	AR2	AZ1	IL2	IN1	KS1	KS2	MD1	MO1	MO2	NJ1	PA1	SD1	VA1	VA4	VA8	MEAN
VIRTUE	7.5	7.0	8.0	5.9	6.0	5.5	5.0	6.3	6.3	5.7	5.7	7.5	8.7	5.7	4.5	1.7	6.1
TITAN 2 (SR 8010)	6.7	7.5	9.0	6.7	4.3	6.8	5.3	6.3	7.7	5.0	4.0	7.0	9.0	6.0	3.8	1.7	6.1
HOUNDOG V (ISI-AFE)	8.3	5.8	7.0	6.3	5.7	6.2	5.0	8.0	7.3	5.3	4.7	7.3	8.3	6.0	3.5	2.0	6.1
PST-5LX	6.8	6.3	9.0	6.4	6.3	6.5	6.3	7.0	6.7	5.0	3.7	6.5	8.7	6.0	4.5	1.0	6.0
REBEL, JR.	7.3	7.7	6.3	5.6	5.7	5.8	5.3	5.7	8.0	5.3	5.3	7.2	9.0	6.0	3.5	3.0	6.0
REBEL 3D	7.2	7.0	7.0	6.4	5.0	6.0	6.3	7.0	7.0	4.5	4.7	7.5	9.0	5.3	4.3	2.0	6.0
DEBUTANTE (WXI-208-2)	6.7	6.8	8.0	6.7	5.7	5.5	3.7	6.0	7.3	5.0	4.7	7.0	9.0	7.0	3.8	2.7	6.0
CAS-MA21	7.2	6.0	9.0	6.1	5.0	6.0	5.7	7.0	6.7	5.3	3.3	7.5	8.3	6.0	3.5	2.7	6.0
PIXIE	6.8	6.8	9.0	6.1	5.3	6.2	5.3	7.0	7.3	5.3	4.3	6.8	7.3	7.0	3.0	1.3	5.9
COYOTE (ZPS-ML)	7.5	6.2	9.0	6.6	4.3	5.8	5.3	7.0	7.3	5.0	4.0	7.7	7.3	5.7	4.5	1.7	5.9
MARKSMAN (MB-23-92)	7.0	7.0	9.0	5.6	5.0	4.7	5.3	6.0	7.3	4.8	3.7	6.8	8.3	7.3	3.7	3.3	5.9
CAS-LA20	7.0	6.8	8.0	6.0	4.7	5.0	5.3	5.7	7.3	5.5	3.0	7.5	7.7	5.7	4.3	5.3	5.9
TRAILBLAZER II	7.8	6.5	7.3	5.1	5.3	6.8	5.7	6.7	6.3	4.8	4.0	7.5	7.7	4.3	4.2	4.7	5.9
403	7.2	6.2	7.3	6.8	6.0	6.5	5.0	7.0	7.3	5.0	4.0	7.3	7.7	6.3	3.8	1.3	5.9
MONTAUK	7.3	6.7	6.3	5.6	5.3	6.2	6.3	6.3	7.7	4.8	3.7	7.2	8.3	6.7	5.3	1.0	5.9
ATF-007	6.7	6.0	8.0	4.9	5.0	6.2	4.3	6.7	7.7	4.8	3.3	7.3	9.0	7.7	3.2	3.3	5.9
COCHISE	6.0	5.8	8.0	6.2	4.7	6.5	5.0	7.0	7.0	5.0	4.7	7.2	8.0	6.0	4.3	2.0	5.8
PST-5DX W/ENDOHYTE	7.8	6.0	7.0	6.2	3.7	6.5	5.3	6.3	6.7	5.2	4.3	7.0	8.3	6.0	3.3	3.7	5.8
SR 8210	6.8	6.8	8.0	5.2	4.3	6.0	4.3	7.3	7.0	5.7	3.0	7.0	9.0	5.0	3.3	4.3	5.8
DUSTER (ITR-90-2)	7.2	7.0	8.0	5.4	4.3	6.0	4.7	6.0	7.7	5.0	3.7	7.5	8.3	5.7	4.3	2.0	5.8
MICRO DD	6.5	5.7	6.3	5.9	6.0	6.2	5.0	6.0	7.7	5.2	4.7	7.8	8.3	5.3	3.2	2.7	5.8
CORONADO (PST-RDG)	7.0	6.5	8.0	5.9	3.3	6.0	5.3	7.0	7.7	4.7	5.0	6.8	7.3	6.0	4.3	1.3	5.8
SHORTSTOP II (PICK 90-06)	7.0	6.3	7.0	5.4	4.0	6.0	5.0	6.7	8.0	4.8	5.0	6.8	5.7	6.0	4.3	4.0	5.8
NINJA (ATF-006)	7.2	6.0	7.3	5.3	4.3	6.0	4.7	6.0	6.7	4.8	3.3	7.2	8.7	6.7	3.8	4.0	5.8
APACHE II (PST-59D)	7.7	6.0	7.0	5.8	4.3	6.5	6.3	6.3	8.0	5.3	2.7	7.5	7.3	5.0	4.5	1.3	5.7
PST-5VC	8.3	6.5	9.0	5.0	5.0	5.8	6.3	5.3	5.0	4.8	3.0	6.5	9.0	4.7	4.8	2.3	5.7
BAR FA 214	6.2	6.2	8.0	5.1	5.0	6.0	5.0	6.0	7.3	5.3	3.3	6.5	8.0	5.0	3.2	5.3	5.7
PST-5PM	7.3	6.5	7.0	4.8	4.3	5.8	5.3	6.3	7.0	6.0	3.7	7.5	7.3	4.0	3.5	4.7	5.7
CHIEFTAIN II (PICK CII)	7.0	6.7	5.7	5.9	5.3	5.8	5.7	6.3	7.3	4.3	4.3	6.8	9.0	4.7	4.8	1.3	5.7
ELDORADO	6.7	5.8	8.0	5.0	6.0	6.0	6.0	6.7	7.7	4.7	3.7	6.3	7.3	5.0	4.0	2.0	5.7
ADOBE (SFL)	6.3	5.7	8.0	5.2	3.7	5.7	5.0	6.7	7.0	5.0	4.3	6.2	7.7	5.7	4.5	3.7	5.6
FA-22	7.8	6.2	5.7	5.6	4.3	5.8	5.0	5.7	6.3	5.5	3.0	7.5	8.7	6.7	4.2	1.7	5.6
STARLET (MB-24-92)	7.0	6.3	7.3	5.7	3.0	5.5	5.0	6.7	7.0	5.5	3.0	7.2	7.0	5.7	4.3	2.7	5.6
SR 8200	7.2	5.8	6.3	6.3	3.0	5.7	5.0	7.7	6.3	5.3	4.0	7.2	8.3	4.3	2.8	2.7	5.5
BONSAI PLUS	6.2	7.5	5.7	5.8	4.3	6.2	4.3	7.0	7.0	4.5	4.0	6.7	7.3	4.3	3.5	3.0	5.5
TWILIGHT	6.0	5.0	8.0	6.4	4.7	5.2	6.7	6.7	7.0	5.0	3.7	7.3	6.3	3.3	4.0	1.7	5.4
SUN PRO (PICK 90-10)	6.5	5.3	7.0	4.7	2.3	4.8	5.7	6.7	7.3	5.5	3.7	7.0	7.0	5.7	4.5	3.0	5.4
PRO-9178	7.0	5.5	8.0	6.1	5.3	5.5	4.7	5.7	7.0	5.3	3.7	6.7	7.0	4.3	3.7	1.0	5.4
PST-5STB	7.2	5.3	8.0	5.8	4.7	6.0	4.7	6.7	5.7	5.0	3.7	6.7	5.7	5.7	3.7	1.7	5.4
GAZELLE (ZPS-VL)	6.8	5.7	5.3	5.1	2.3	5.7	4.3	6.0	7.7	5.0	2.7	7.5	7.0	4.7	4.7	3.0	5.2
LANCER	7.2	5.2	7.3	5.2	3.3	5.7	5.3	6.3	6.7	4.7	3.7	6.7	5.7	4.0	4.3	1.0	5.1
BONSAI	5.5	4.5	6.3	5.2	3.7	4.8	4.7	6.3	7.7	4.8	3.3	6.8	7.3	3.7	3.5	3.0	5.1
LSD VALUE	1.7	2.1	2.8	2.0	2.2	1.8	1.4	1.4	1.5	1.5	1.9	1.1	1.6	2.1	1.5	3.9	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 28. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT LEXINGTON, KY (KY1) 2/
1993-1995 DATA

NAME	JUL	AUG	MEAN	NAME	JUL	AUG	MEAN
PST-5PM	7.0	19.3	13.2	DUKE	2.3	8.3	5.3
TWILIGHT	13.7	12.3	13.0	FA-19	2.7	8.0	5.3
FINELAWN PETITE	4.7	18.7	11.7	SHENANDOAH	4.0	6.7	5.3
BONSAI PLUS	8.7	14.0	11.3	DUSTER (ITR-90-2)	3.3	7.0	5.2
MICRO DD	14.3	8.3	11.3	REBEL 3D	1.7	8.7	5.2
BONSAI	12.7	9.0	10.8	SILVERADO	1.7	8.7	5.2
PST-5STB	10.0	11.7	10.8	AVALON (ISI-ATK)	0.3	9.7	5.0
SR 8210	4.7	15.7	10.2	BARLEXAS (LEXUS)	3.3	6.7	5.0
ADOBE (SFL)	7.0	13.0	10.0	GRANDE (SR 8400)	1.0	8.7	4.8
CORONADO (PST-RDG)	4.0	16.0	10.0	HERITAGE (PSTF-401)	2.0	7.7	4.8
BAR FA 214	7.0	12.0	9.5	SAFARI	2.3	7.0	4.7
GAZELLE (ZPS-VL)	5.7	12.0	8.8	ARID	4.7	4.3	4.5
SUN PRO (PICK 90-10)	4.0	13.0	8.5	ASTRO 2000	3.3	5.7	4.5
PST-5DX W/ENDOPHYTE	5.3	11.3	8.3	BAR FA 0855	3.7	5.3	4.5
REBEL, JR.	2.3	14.3	8.3	BAR FA 2AB	2.7	6.3	4.5
ATF-007	5.0	9.7	7.3	GUARDIAN	1.3	7.3	4.3
GENESIS (GEN-91)	0.7	14.0	7.3	STARLET (MB-24-92)	3.0	5.7	4.3
NINJA (ATF-006)	4.7	10.0	7.3	CHIEFTAIN II (PICK CII)	2.3	6.0	4.2
CAS-LA20	5.3	8.7	7.0	MONARCH	2.0	6.3	4.2
OLYMPIC II	4.0	10.0	7.0	AUSTIN	3.7	4.3	4.0
PALISADES (OFI-TF-601)	2.3	11.7	7.0	VEGAS	5.7	2.3	4.0
TOMAHAWK	4.7	9.3	7.0	ELLDORADO	2.0	5.7	3.8
SR 8200	4.0	9.7	6.8	SR 8300	4.3	3.3	3.8
COYOTE (ZPS-ML)	6.0	7.3	6.7	VIRTUE	1.3	6.3	3.8
DEBUTANTE (WXI-208-2)	1.7	11.7	6.7	PST-5LX	1.7	5.7	3.7
CAS-MA21	3.7	9.3	6.5	KY-31 NO ENDO.	3.7	3.0	3.3
ISI-AFA	1.7	11.0	6.3	APACHE II (PST-59D)	1.3	5.0	3.2
KITTYHAWK	5.7	7.0	6.3	COCHISE	1.3	5.0	3.2
PIXIE	3.3	9.0	6.2	GENERIC (CAFA 101)	4.3	2.0	3.2
PSTF-LF	3.0	9.3	6.2	PRO-9178	3.3	2.7	3.0
PYRAMID (SIU-1)	4.3	8.0	6.2	TITAN 2 (SR 8010)	2.0	4.0	3.0
FALCON II (MB-21-92)	4.0	8.0	6.0	ANTHEM	3.3	2.3	2.8
FINELAWN 88	4.0	8.0	6.0	EMPRESS (ZPS-E2)	1.3	4.3	2.8
ALAMO (J-1048)	2.7	9.0	5.8	FALCON	2.7	2.3	2.5
AVANTI	5.7	6.0	5.8	LEPRECHAUN	0.7	4.3	2.5
FA-22	2.3	9.3	5.8	RENEGADE (MB-22-92)	1.0	4.0	2.5
HOUND OG V (ISI-AFE)	1.0	10.7	5.8	SHORTSTOP II (PICK 90-06)	1.0	4.0	2.5
LANCER	5.0	6.7	5.8	SOUTHERN CHOICE (MB-25-92)	2.0	3.0	2.5
PST-5VC	6.0	5.7	5.8	CROSSFIRE II (PICK 90-12)	1.3	3.3	2.3
ISI-CRC	3.7	7.7	5.7	JAGUAR 3 (ZPS-J3)	0.0	4.7	2.3
M-2	3.3	8.0	5.7	KY-31 W/ENDO.	2.7	1.7	2.2
MONTAUK	2.0	9.3	5.7	TRAILBLAZER II	1.0	3.3	2.2
403	5.0	6.0	5.5	MIRAGE (KWS-DSL)	2.7	1.3	2.0
BONANZA	3.3	7.7	5.5	PHOENIX	2.0	2.0	2.0
MARKSMAN (MB-23-92)	5.7	5.3	5.5	WILDCAT (PSTF-200)	0.7	3.0	1.8
AZTEC	8.3	2.3	5.3				
BONANZA II	2.3	8.3	5.3	LSD VALUE	6.0	11.6	6.5

1/ PERCENT BROWN PATCH RATED IN 1995 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 29. PYTHIUM BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/			
NAME	AZ1	NAME	AZ1
AUSTIN	9.0	DUSTER (ITR-90-2)	6.7
BAR FA 2AB	9.0	RENEGADE (MB-22-92)	6.7
GUARDIAN	9.0	AVALON (ISI-ATK)	6.3
HERITAGE (PSTF-401)	9.0	AZTEC	6.3
KY-31 W/ENDO.	9.0	BONANZA II	6.3
MONTAUK	9.0	BONSAI PLUS	6.3
PYRAMID (SIU-1)	9.0	COCHISE	6.3
STARLET (MB-24-92)	9.0	CORONADO (PST-RDG)	6.3
TITAN 2 (SR 8010)	9.0	CROSSFIRE II (PICK 90-12)	6.3
PIXIE	8.7	JAGUAR 3 (ZPS-J3)	6.3
BONANZA	8.3	LANCER	6.3
DUKE	8.3	NINJA (ATF-006)	6.3
SAFARI	8.3	PALISADES (OFI-TF-601)	6.3
ADOBE (SFL)	8.0	PSTF-LF	6.3
ARID	8.0	REBEL 3D	6.3
AVANTI	8.0	REBEL, JR.	6.3
COYOTE (ZPS-ML)	8.0	TOMAHAWK	6.3
FALCON II (MB-21-92)	8.0	WILDCAT (PSTF-200)	6.3
GAZELLE (ZPS-VL)	8.0	403	6.0
ISI-CRC	8.0	BAR FA 214	6.0
KY-31 NO ENDO.	8.0	BONSAI	6.0
LEPRECHAUN	8.0	CHIEFTAIN II (PICK CII)	6.0
BARLEXAS (LEXUS)	8.0	GRANDE (SR 8400)	6.0
MARKSMAN (MB-23-92)	8.0	KITTYHAWK	6.0
OLYMPIC II	8.0	PST-5VC	6.0
SHENANDOAH	8.0	SR 8200	6.0
SOUTHERN CHOICE (MB-25-92)	8.0	FA-19	5.7
SR 8300	8.0	PHOENIX	5.7
TRAILBLAZER II	8.0	PST-5DX W/ENDOPHYTE	5.7
VEGAS	8.0	SHORTSTOP II (PICK 90-06)	5.7
ALAMO (J-1048)	7.7	SILVERADO	5.7
CAS-LA20	7.7	GENESIS (GEN-91)	5.3
ASTRO 2000	7.3	HOUND OG V (ISI-AFE)	5.3
CAS-MA21	7.3	MICRO DD	5.3
DEBUTANTE (WXI-208-2)	7.3	PST-5LX	5.3
FINELAWN PETITE	7.3	PST-5STB	5.3
ISI-AFA	7.3	SUN PRO (PICK 90-10)	5.3
M-2	7.3	TWILIGHT	5.3
MONARCH	7.3	VIRTUE	5.3
PRO-9178	7.3	ANTHEM	5.0
SR 8210	7.3	ATF-007	4.7
BAR FA 0855	7.0	FINELAWN 88	4.7
ELDORADO	7.0	PST-5PM	4.3
EMPRESS (ZPS-E2)	7.0	FA-22	4.0
FALCON	7.0	MIRAGE (KWS-DSL)	3.3
GENERIC (CAFA 101)	7.0		
APACHE II (PST-59D)	6.7	LSD VALUE	3.4

1/ PYTHIUM BLIGHT RATED IN 1994 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 30. PYTHIUM APHANIDERMATIUM RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

PYTHIUM APHANIDERMATIUM RATINGS 1-9; 9=NO DISEASE 2/			
NAME	AZ1	NAME	AZ1
FINELAWN PETITE	8.7	CAS-LA20	7.3
PALISADES (OFI-TF-601)	8.7	CORONADO (PST-RDG)	7.3
PST-5LX	8.7	FA-22	7.3
ASTRO 2000	8.3	GRANDE (SR 8400)	7.3
BONANZA	8.3	HERITAGE (PSTF-401)	7.3
CHIEFTAIN II (PICK CII)	8.3	KITTYHAWK	7.3
ELDORADO	8.3	MARKSMAN (MB-23-92)	7.3
PST-5VC	8.3	MICRO DD	7.3
REBEL 3D	8.3	PHOENIX	7.3
VIRTUE	8.3	PRO-9178	7.3
ANTHEM	8.0	PST-5DX W/ENDOPHYTE	7.3
ARID	8.0	SR 8200	7.3
ATF-007	8.0	SUN PRO (PICK 90-10)	7.3
AZTEC	8.0	TITAN 2 (SR 8010)	7.3
DUKE	8.0	TOMAHAWK	7.3
FALCON	8.0	VEGAS	7.3
FINELAWN 88	8.0	AUSTIN	7.0
GENESIS (GEN-91)	8.0	AVALON (ISI-ATK)	7.0
OLYMPIC II	8.0	BAR FA 214	7.0
PIXIE	8.0	BONSAI	7.0
PYRAMID (SIU-1)	8.0	DUSTER (ITR-90-2)	7.0
REBEL, JR.	8.0	GAZELLE (ZPS-VL)	7.0
SHENANDOAH	8.0	LANCER	7.0
TRAILBLAZER II	8.0	LEPRECHAUN	7.0
TWILIGHT	8.0	BARLEXAS (LEXUS)	7.0
403	7.7	MONARCH	7.0
APACHE II (PST-59D)	7.7	PST-5PM	7.0
AVANTI	7.7	RENEGADE (MB-22-92)	7.0
BAR FA 0855	7.7	SAFARI	7.0
BAR FA 2AB	7.7	SR 8210	7.0
BONSAI PLUS	7.7	SR 8300	7.0
COCHISE	7.7	WILDCAT (PSTF-200)	7.0
CROSSFIRE II (PICK 90-12)	7.7	ADOBE (SFL)	6.7
FA-19	7.7	CAS-MA21	6.7
GENERIC (CAFA 101)	7.7	DEBUTANTE (WXI-208-2)	6.7
HOUND OG V (ISI-AFE)	7.7	EMPRESS (ZPS-E2)	6.7
ISI-AFA	7.7	FALCON II (MB-21-92)	6.7
ISI-CRC	7.7	MONTAUK	6.7
JAGUAR 3 (ZPS-J3)	7.7	NINJA (ATF-006)	6.7
KY-31 NO ENDO.	7.7	STARLET (MB-24-92)	6.7
KY-31 W/ENDO.	7.7	ALAMO (J-1048)	6.3
PST-5STB	7.7	M-2	6.3
PSTF-LF	7.7	COYOTE (ZPS-ML)	6.0
SHORTSTOP II (PICK 90-06)	7.7	MIRAGE (KWS-DSL)	6.0
SILVERADO	7.7	GUARDIAN	5.7
SOUTHERN CHOICE (MB-25-92)	7.7		
BONANZA II	7.3	LSD VALUE	1.8

1/ PYTHIUM APHANIDERMATIUM RATED IN 1995 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 31. UNIFORMITY RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

UNIFORMITY RATINGS 1-9; 9=COMPLETE UNIFORM 2/

NAME	NE3	NAME	NE3
CORONADO (PST-RDG)	6.0	403	4.8
GAZELLE (ZPS-VL)	6.0	ADOBE (SFL)	4.8
RENEGADE (MB-22-92)	6.0	APACHE II (PST-59D)	4.8
SILVERADO	5.8	COCHISE	4.8
SOUTHERN CHOICE (MB-25-92)	5.8	FINELAWN PETITE	4.8
EMPRESS (ZPS-E2)	5.7	ISI-CRC	4.8
LANCER	5.7	OLYMPIC II	4.8
BARLEXAS (LEXUS)	5.7	PRO-9178	4.8
PST-5STB	5.7	PST-5DX W/ENDOPHYTE	4.8
REBEL, JR.	5.7	PST-5LX	4.8
SHORTSTOP II (PICK 90-06)	5.7	PST-5PM	4.8
STARLET (MB-24-92)	5.7	PSTF-LF	4.8
VIRTUE	5.7	TITAN 2 (SR 8010)	4.8
DEBUTANTE (WXI-208-2)	5.5	TOMAHAWK	4.8
FALCON II (MB-21-92)	5.5	VEGAS	4.8
GENESIS (GEN-91)	5.5	ALAMO (J-1048)	4.7
GUARDIAN	5.5	AUSTIN	4.7
HOUNDG V (ISI-AFE)	5.5	CROSSFIRE II (PICK 90-12)	4.7
JAGUAR 3 (ZPS-J3)	5.5	FINELAWN 88	4.7
LEPRECHAUN	5.5	GRANDE (SR 8400)	4.7
SAFARI	5.5	PHOENIX	4.7
BONSAI	5.3	PIXIE	4.7
FA-19	5.3	SR 8200	4.7
FA-22	5.3	SUN PRO (PICK 90-10)	4.7
MICRO DD	5.3	WILDCAT (PSTF-200)	4.7
MIRAGE (KWS-DSL)	5.3	ARID	4.5
MONTAUK	5.3	AVALON (ISI-ATK)	4.5
TRAILBLAZER II	5.3	AVANTI	4.5
ASTRO 2000	5.2	BAR FA 2AB	4.5
BAR FA 0855	5.2	BONANZA II	4.5
BAR FA 214	5.2	CAS-LA20	4.5
BONSAI PLUS	5.2	GENERIC (CAFA 101)	4.5
CHIEFTAIN II (PICK CII)	5.2	ANTHEM	4.3
HERITAGE (PSTF-401)	5.2	BONANZA	4.3
MARKSMAN (MB-23-92)	5.2	CAS-MA21	4.3
PST-5VC	5.2	ELDORADO	4.3
REBEL 3D	5.2	ISI-AFA	4.3
SHENANDOAH	5.2	MONARCH	4.3
SR 8300	5.2	AZTEC	4.2
AIF-007	5.0	KITTYHAWK	4.2
COYOTE (ZPS-ML)	5.0	NINJA (ATF-006)	4.2
DUKE	5.0	TWILIGHT	4.0
DUSTER (ITR-90-2)	5.0	FALCON	3.8
M-2	5.0	KY-31 W/ENDO.	3.8
PALISADES (OFI-TF-601)	5.0	KY-31 NO ENDO.	3.7
PYRAMID (SIU-1)	5.0		
SR 8210	5.0	LSD VALUE	1.1

1/ UNIFORMITY RATED IN 1993 AND 1995.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 32. FLOOD RECOVERY RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST 2/			
NAME	NE2	NAME	NE2
CAS-MA21	6.0	VEGAS	3.0
ANTHEM	5.3	403	2.7
FALCON II (MB-21-92)	5.3	EMPRESS (ZPS-E2)	2.7
GENERIC (CAFA 101)	5.3	GENESIS (GEN-91)	2.7
PST-5DX W/ENDOPHYTE	5.3	HERITAGE (PSTF-401)	2.7
ELDORADO	5.0	M-2	2.7
LEPRECHAUN	5.0	OLYMPIC II	2.7
MIRAGE (KWS-DSL)	5.0	PALISADES (OFI-TF-601)	2.7
PYRAMID (SIU-1)	5.0	REBEL, JR.	2.7
DEBUTANTE (WXI-208-2)	4.7	SOUTHERN CHOICE (MB-25-92)	2.7
BONANZA II	4.3	SR 8210	2.7
GRANDE (SR 8400)	4.3	VIRTUE	2.7
MARKSMAN (MB-23-92)	4.3	ATF-007	2.3
REBEL 3D	4.3	CROSSFIRE II (PICK 90-12)	2.3
STARLET (MB-24-92)	4.3	FA-19	2.3
ASTRO 2000	4.0	GAZELLE (ZPS-VL)	2.3
COYOTE (ZPS-ML)	4.0	ISI-AFA	2.3
DUSTER (ITR-90-2)	4.0	ISI-CRC	2.3
FINELAWN 88	4.0	KY-31 NO ENDO.	2.3
GUARDIAN	4.0	KY-31 W/ENDO.	2.3
NINJA (ATF-006)	4.0	PSTF-LF	2.3
SUN PRO (PICK 90-10)	4.0	SAFARI	2.3
WILDCAT (PSTF-200)	4.0	TWILIGHT	2.3
ALAMO (J-1048)	3.7	AVALON (ISI-ATK)	2.0
BONANZA	3.7	BAR FA 214	2.0
FA-22	3.7	BONSAI	2.0
JAGUAR 3 (ZPS-J3)	3.7	DUKE	2.0
LANCER	3.7	FALCON	2.0
MONARCH	3.7	KITTYHAWK	2.0
PST-5LX	3.7	BARLEXAS (LEXUS)	2.0
PST-5VC	3.7	MONTAUK	2.0
ADOBE (SFL)	3.3	PIXIE	2.0
ARID	3.3	PST-5PM	2.0
AUSTIN	3.3	SR 8300	2.0
AZTEC	3.3	TITAN 2 (SR 8010)	2.0
CHIEFTAIN II (PICK CII)	3.3	TRAILBLAZER II	2.0
CORONADO (PST-RDG)	3.3	APACHE II (PST-59D)	1.7
PHOENIX	3.3	BAR FA 2AB	1.7
PRO-9178	3.3	BONSAI PLUS	1.7
RENEGADE (MB-22-92)	3.3	SILVERADO	1.7
SHORTSTOP II (PICK 90-06)	3.3	AVANTI	1.3
TOMAHAWK	3.3	BAR FA 0855	1.3
COCHISE	3.0	CAS-LA20	1.3
HOUNDG V (ISI-AFE)	3.0	FINELAWN PETITE	1.3
MICRO DD	3.0	PST-5STB	1.3
SHELANDOAH	3.0		
SR 8200	3.0	LSD VALUE	3.5

1/ FLOOD RECOVERY RATED IN 1993 ONLY.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 33. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/			
NAME	NJ2	NAME	NJ2
CORONADO (PST-RDG)	7.7	M-2	5.0
COYOTE (ZPS-ML)	7.0	PRO-9178	5.0
ISI-AFA	6.7	REBEL, JR.	5.0
BARLEXAS (LEXUS)	6.7	RENEGADE (MB-22-92)	5.0
PST-5VC	6.7	SILVERADO	5.0
REBEL 3D	6.7	TOMAHAWK	5.0
BAR FA 2AB	6.3	VIRTUE	5.0
BONSAI	6.3	ADOBE (SFL)	4.7
DUSTER (ITR-90-2)	6.3	AVANTI	4.7
GENESIS (GEN-91)	6.3	BONSAI PLUS	4.7
HOUND OG V (ISI-AFE)	6.3	MONTAUK	4.7
NINJA (ATF-006)	6.3	PALISADES (OFI-TF-601)	4.7
PST-5DX W/ENDOPHYTE	6.3	STARLET (MB-24-92)	4.7
APACHE II (PST-59D)	6.0	AUSTIN	4.3
ATF-007	6.0	AVALON (ISI-ATK)	4.3
FINELAWN PETITE	6.0	BAR FA 0855	4.3
GAZELLE (ZPS-VL)	6.0	BONANZA II	4.3
JAGUAR 3 (ZPS-J3)	6.0	FINELAWN 88	4.3
LANCER	6.0	ISI-CRC	4.3
MICRO DD	6.0	PST-5LX	4.3
PIXIE	6.0	SAFARI	4.3
PST-5STB	6.0	VEGAS	4.3
TRAILBLAZER II	6.0	WILDCAT (PSTF-200)	4.3
GUARDIAN	5.7	403	4.0
LEPRECHAUN	5.7	CAS-LA20	4.0
MIRAGE (KWS-DSL)	5.7	COCHISE	4.0
SHORTSTOP II (PICK 90-06)	5.7	HERITAGE (PSTF-401)	4.0
SUN PRO (PICK 90-10)	5.7	MONARCH	4.0
TWILIGHT	5.7	ASTRO 2000	3.7
BAR FA 214	5.3	GRANDE (SR 8400)	3.7
CROSSFIRE II (PICK 90-12)	5.3	PHOENIX	3.7
FALCON II (MB-21-92)	5.3	SR 8200	3.7
MARKSMAN (MB-23-92)	5.3	ARID	3.3
PST-5PM	5.3	BONANZA	3.3
PYRAMID (SIU-1)	5.3	CAS-MA21	3.3
SOUTHERN CHOICE (MB-25-92)	5.3	GENERIC (CAFA 101)	3.3
SR 8210	5.3	PSTF-LF	3.3
SR 8300	5.3	TITAN 2 (SR 8010)	3.3
ALAMO (J-1048)	5.0	KITTYHAWK	3.0
AZTEC	5.0	OLYMPIC II	3.0
CHIEFTAIN II (PICK CII)	5.0	FALCON	2.7
DEBUTANIE (WXI-208-2)	5.0	SHENANDOAH	2.7
DUKE	5.0	ANTHEM	2.0
ELDORADO	5.0	KY-31 NO ENDO.	2.0
EMPRESS (ZPS-E2)	5.0	KY-31 W/ENDO.	2.0
FA-19	5.0		
FA-22	5.0	LSD VALUE	1.8

1/ FALL COLOR (NOVEMBER) RATED IN 1994.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 34. DENSITY COUNTS (SPRING) OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

NAME	DENSITY COUNTS IN SPRING: STEMS/81 SQ.CM 2/		
	AR1	AR2	MEAN
BARLEXAS (LEXUS)	149.3	162.8	156.1
FA-22	161.8	144.3	153.1
ATF-007	152.5	150.9	151.7
BAR FA 214	144.0	157.6	150.8
SUN PRO (PICK 90-10)	153.3	143.7	148.5
JAGUAR 3 (ZPS-J3)	147.3	148.2	147.8
PST-5PM	140.5	152.2	146.4
ADOBE (SFL)	149.5	141.6	145.5
GAZELLE (ZPS-VL)	148.0	139.8	143.9
M-2	141.5	146.0	143.8
PST-5LX	138.2	148.3	143.3
COCHISE	139.5	146.2	142.9
MICRO DD	146.3	138.9	142.6
SILVERADO	150.3	133.3	141.8
FA-19	123.0	159.4	141.2
STARLET (MB-24-92)	133.5	148.3	140.9
PALISADES (OFI-TF-601)	128.3	153.1	140.7
COYOIE (ZPS-ML)	156.0	124.7	140.3
EMPRESS (ZPS-E2)	134.2	143.4	138.8
RENEGADE (MB-22-92)	131.7	145.9	138.8
PST-5DX W/ENDOPHYTE	137.8	139.6	138.7
ISI-CRC	116.2	160.6	138.4
BONANZA II	130.8	145.2	138.0
GRANDE (SR 8400)	153.3	121.7	137.5
PYRAMID (SIU-1)	132.7	139.2	135.9
PRO-9178	131.5	138.8	135.1
SR 8200	143.7	125.0	134.3
AZTEC	141.8	126.6	134.2
ALAMO (J-1048)	120.0	148.3	134.2
SR 8210	118.5	149.8	134.1
TITAN 2 (SR 8010)	132.5	135.8	134.1
CAS-IA20	131.0	137.1	134.1
REBEL, JR.	121.0	147.0	134.0
CHIEFTAIN II (PICK CII)	115.3	152.1	133.7
DEBUTANTE (WXI-208-2)	120.2	147.2	133.7
PST-5VC	109.8	157.2	133.5
BAR FA 2AB	125.3	140.7	133.0
TOMAHAWK	135.2	130.7	132.9
PST-5STB	129.8	135.4	132.6
HERITAGE (PSTF-401)	129.3	134.8	132.1
PIXIE	118.2	144.4	131.3
SHORTSTOP II (PICK 90-06)	124.7	137.4	131.1
HOUNDG V (ISI-AFE)	128.5	133.3	130.9
LANCER	137.3	122.6	129.9
SOUTHERN CHOICE (MB-25-92)	116.5	142.7	129.6
SR 8300	125.8	131.4	128.6
CAS-MA21	132.2	124.8	128.5

DENSITY COUNTS (SPRING) OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY COUNTS IN SPRING: STEMS/81 SQ.CM		
	AR1	AR2	MEAN
WILDCAT (PSTF-200)	118.7	137.7	128.2
DUSTER (ITR-90-2)	117.5	138.8	128.1
CORONADO (PST-RDG)	120.0	135.1	127.6
OLYMPIC II	131.0	122.9	126.9
FALCON II (MB-21-92)	131.0	121.7	126.3
MARKSMAN (MB-23-92)	120.0	132.2	126.1
VIRTUE	129.8	122.3	126.1
VEGAS	119.8	132.2	126.0
LEPRECHAUN	124.0	127.6	125.8
TRAILBLAZER II	100.7	150.8	125.7
FINELAWN PETITE	109.2	141.9	125.5
KITTYHAWK	128.8	121.0	124.9
BONANZA	125.5	123.6	124.5
GUARDIAN	111.5	137.0	124.3
TWILIGHT	128.5	119.6	124.0
BONSAI PLUS	124.2	122.2	123.2
MIRAGE (KWS-DSL)	129.5	116.9	123.2
AVALON (ISI-ATK)	113.5	132.6	123.0
NINJA (ATF-006)	129.2	116.4	122.8
CROSSFIRE II (PICK 90-12)	114.3	131.2	122.8
PHOENIX	121.0	124.6	122.8
ANTHEM	117.8	127.3	122.6
BAR FA 0855	118.2	126.3	122.3
ISI-AFA	117.7	126.3	122.0
ASTRO 2000	114.7	128.9	121.8
MONTAUK	112.7	129.6	121.1
GENESIS (GEN-91)	91.5	150.7	121.1
ELDORADO	116.3	124.9	120.6
AUSTIN	114.2	127.0	120.6
FINELAWN 88	121.0	119.6	120.3
MONARCH	106.7	133.2	119.9
GENERIC (CAFA 101)	111.5	128.3	119.9
APACHE II (PST-59D)	104.7	134.6	119.6
REBEL 3D	110.3	128.7	119.5
BONSAI	125.0	109.1	117.1
DUKE	109.7	124.2	116.9
AVANTI	103.8	129.4	116.6
403	115.7	114.3	115.0
SAFARI	108.3	121.4	114.9
FALCON	102.3	125.7	114.0
PSTF-LF	104.3	121.9	113.1
SHENANDOAH	112.5	107.7	110.1
ARID	106.5	111.6	109.0
KY-31 W/ENDO.	90.2	100.9	95.5
KY-31 NO ENDO.	88.7	98.6	93.6
LSD VALUE	57.1	48.2	36.9

1/ DENSITY COUNTS (SPRING) RATED AT "AR1" IN 1994 & 1995 AND AT "AR2" IN 1993-1995.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 35. DENSITY COUNTS (FALL) OF TALL FESCUE CULTIVARS 1/
1993-1995 DATA

NAME	DENSITY COUNTS IN FALL: STEMS/81 SQ.CM 2/		
	AR1	AR2	MEAN
JAGUAR 3 (ZPS-J3)	87.0	44.5	65.8
RENEGADE (MB-22-92)	82.0	49.5	65.8
TOMAHAWK	75.3	53.2	64.3
PST-5LX	90.5	37.5	64.0
BARLEXAS (LEXUS)	82.2	44.2	63.2
M-2	79.7	46.5	63.1
EMPRESS (ZPS-E2)	79.5	44.2	61.8
GAZELLE (ZPS-VL)	68.8	54.8	61.8
PALISADES (OFI-TF-601)	84.5	39.0	61.8
LANCER	83.2	39.7	61.4
MIRAGE (KWS-DSL)	82.3	40.2	61.3
MONTAUK	78.2	44.2	61.2
TITAN 2 (SR 8010)	83.5	38.8	61.2
DEBUTANTE (WXI-208-2)	76.7	44.5	60.6
VEGAS	82.5	38.7	60.6
AZTEC	71.2	49.7	60.4
BAR FA 0855	78.2	42.0	60.1
FA-19	84.8	34.7	59.8
VIRTUE	82.2	37.3	59.8
FALCON II (MB-21-92)	75.7	43.0	59.3
DUSTER (ITR-90-2)	86.5	31.8	59.2
SUN PRO (PICK 90-10)	90.7	27.5	59.1
SILVERADO	84.5	33.0	58.8
BAR FA 2AB	74.2	42.5	58.3
GRANDE (SR 8400)	69.7	46.5	58.1
BONSAI PLUS	71.7	44.3	58.0
HERITAGE (PSTF-401)	79.7	36.0	57.8
CORONADO (PST-RDG)	70.7	44.8	57.8
ISI-AFA	73.5	42.0	57.8
ADOBE (SFL)	76.3	38.5	57.4
PST-5PM	77.5	37.2	57.3
MONARCH	73.8	40.7	57.3
PST-5DX W/ENDOPHYTE	79.3	35.0	57.2
BAR FA 214	74.0	39.7	56.8
FA-22	81.0	32.7	56.8
GUARDIAN	75.7	37.0	56.3
CAS-LA20	70.0	42.7	56.3
PST-5STB	76.5	36.0	56.3
REBEL, JR.	76.3	35.7	56.0
CROSSFIRE II (PICK 90-12)	71.5	40.2	55.8
PST-5VC	85.2	25.5	55.3
STARLET (MB-24-92)	69.0	41.7	55.3
FINELAWN 88	75.2	35.3	55.3
403	71.0	38.7	54.8
PYRAMID (SIU-1)	67.3	42.3	54.8
PHOENIX	76.5	33.0	54.8
BONANZA II	65.3	43.8	54.6

DENSITY COUNTS (FALL) OF TALL FESCUE CULTIVARS
1993-1995 DATA

NAME	DENSITY COUNTS IN FALL: STEMS/81 SQ.CM		
	AR1	AR2	MEAN
ATF-007	78.5	30.3	54.4
ELDORADO	67.7	41.0	54.3
CAS-MA21	63.5	45.2	54.3
SAFARI	65.7	42.8	54.3
SHORTSTOP II (PICK 90-06)	73.5	34.5	54.0
FINELAWN PETITE	74.7	33.2	53.9
COYOTE (ZPS-ML)	73.3	33.7	53.5
REBEL 3D	77.2	29.8	53.5
PIXIE	75.0	31.8	53.4
DUKE	71.2	34.8	53.0
HOUNDOG V (ISI-AFE)	75.7	30.3	53.0
TRAILBLAZER II	65.8	40.2	53.0
GENERIC (CAFA 101)	79.2	26.3	52.8
MARKSMAN (MB-23-92)	63.8	41.7	52.8
OLYMPIC II	65.8	39.7	52.8
CHIEFTAIN II (PICK CII)	61.5	43.7	52.6
NINJA (ATF-006)	70.3	34.0	52.2
BONANZA	69.5	34.3	51.9
ANTHEM	64.8	38.7	51.8
SR 8210	68.7	34.8	51.8
APACHE II (PST-59D)	72.3	30.8	51.6
PRO-9178	62.3	40.2	51.3
COCHISE	76.3	25.5	50.9
PSTF-LF	65.7	36.0	50.8
SHENANDOAH	64.7	36.5	50.6
ALAMO (J-1048)	70.7	30.3	50.5
GENESIS (GEN-91)	57.7	43.0	50.3
ARID	59.7	40.5	50.1
WILDCAT (PSTF-200)	58.7	40.8	49.8
KITTYHAWK	64.7	34.5	49.6
SOUTHERN CHOICE (MB-25-92)	71.7	27.0	49.3
SR 8300	65.3	33.2	49.3
FALCON	53.3	44.5	48.9
LEPRECHAUN	66.0	30.7	48.3
AVANTI	64.0	32.2	48.1
AUSTIN	56.7	37.8	47.3
MICRO DD	65.8	28.7	47.3
SR 8200	60.7	33.0	46.8
ASTRO 2000	64.0	29.3	46.7
BONSAI	64.0	28.0	46.0
TWILIGHT	56.5	32.3	44.4
AVALON (ISI-ATK)	57.7	30.7	44.2
ISI-CRC	59.3	26.2	42.8
KY-31 W/ENDO.	59.8	22.5	41.2
KY-31 NO ENDO.	49.2	28.8	39.0
LSD VALUE	19.7	24.8	15.8

1/ DENSITY COUNTS (FALL) RATED IN 1993 AND 1994.

2/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 36. DENSITY (MAY) RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE LOW MOWN STRIPS 2/
1993-1995 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 3/

NAME	AR1	NAME	AR1
COYOTE (ZPS-ML)	8.0	TITAN 2 (SR 8010)	6.7
LANCER	8.0	TOMAHAWK	6.7
SR 8200	7.7	APACHE II (PST-59D)	6.3
ATF-007	7.3	AUSTIN	6.3
AZTEC	7.3	AVALON (ISI-ATK)	6.3
CAS-MA21	7.3	BAR FA 0855	6.3
EMPRESS (ZPS-E2)	7.3	BONSAI	6.3
M-2	7.3	CORONADO (PST-RDG)	6.3
SR 8210	7.3	DUKE	6.3
TRAILBLAZER II	7.3	GRANDE (SR 8400)	6.3
403	7.0	GUARDIAN	6.3
AVANTI	7.0	ISI-CRC	6.3
CROSSFIRE II (PICK 90-12)	7.0	JAGUAR 3 (ZPS-J3)	6.3
DEBUTANTE (WXI-208-2)	7.0	KITTYHAWK	6.3
DUSTER (ITR-90-2)	7.0	MONARCH	6.3
FINELAWN 88	7.0	PIXIE	6.3
GAZELLE (ZPS-VL)	7.0	PST-5PM	6.3
GENESIS (GEN-91)	7.0	REBEL, JR.	6.3
HOUNDOG V (ISI-AFE)	7.0	SHENANDOAH	6.3
MARKSMAN (MB-23-92)	7.0	SILVERADO	6.3
MIRAGE (KWS-DSL)	7.0	SOUTHERN CHOICE (MB-25-92)	6.3
MONTAUK	7.0	VEGAS	6.3
NINJA (ATF-006)	7.0	VIRTUE	6.3
OLYMPIC II	7.0	ALAMO (J-1048)	6.0
PST-SDX W/ENDOPHYTE	7.0	BONANZA	6.0
PYRAMID (SIU-1)	7.0	BONANZA II	6.0
RENEGADE (MB-22-92)	7.0	HERITAGE (PSTF-401)	6.0
SUN PRO (PICK 90-10)	7.0	MICRO DD	6.0
ADOBE (SFL)	6.7	PHOENIX	6.0
ASTRO 2000	6.7	PRO-9178	6.0
BAR FA 214	6.7	PST-5VC	6.0
BONSAI PLUS	6.7	REBEL 3D	6.0
CHIEFTAIN II (PICK CII)	6.7	SAFARI	6.0
COCHISE	6.7	SHORTSTOP II (PICK 90-06)	6.0
ELDORADO	6.7	BAR FA 2AB	5.7
FA-19	6.7	FALCON	5.7
FA-22	6.7	GENERIC (CAFA 101)	5.7
FALCON II (MB-21-92)	6.7	PSTF-LF	5.7
FINELAWN PETITE	6.7	WILDCAT (PSTF-200)	5.7
ISI-AFA	6.7	CAS-LA20	5.3
LEPRECHAUN	6.7	TWILIGHT	5.3
BARLEXAS (LEXUS)	6.7	ANTHEM	5.0
PALISADES (OFI-TF-601)	6.7	ARID	5.0
PST-5LX	6.7	KY-31 NO ENDO.	4.3
PST-5STB	6.7	KY-31 W/ENDO.	4.0
SR 8300	6.7		
STARLET (MB-24-92)	6.7	LSD VALUE	1.6

- 1/ DENSITY (MAY) RATED IN 1995 ONLY.
- 2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.
- 3/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 37. PERCENT CRABGRASS (JULY) RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE LOW MOWN STRIPS 2/
1993-1995 DATA 3/

NAME	AR1	NAME	AR1
FINELAWN 88	93.3	TRAILBLAZER II	61.7
HERITAGE (PSTF-401)	90.0	PHOENIX	60.0
KY-31 NO ENDO.	86.7	SUN PRO (PICK 90-10)	60.0
KY-31 W/ENDO.	86.7	BONSAI PLUS	58.3
FALCON	85.0	CROSSFIRE II (PICK 90-12)	58.3
APACHE II (PST-59D)	83.3	ISI-AFA	58.3
PSTF-LF	83.3	STARLET (MB-24-92)	58.3
VIRTUE	83.3	TITAN 2 (SR 8010)	58.3
WILDCAT (PSTF-200)	83.3	ASTRO 2000	56.7
ALAMO (J-1048)	81.7	FA-19	56.7
ANTHEM	81.7	PST-5PM	56.7
AVALON (ISI-ATK)	81.7	ADOBE (SFL)	55.0
MONARCH	80.0	PRO-9178	55.0
BONSAI	78.3	RENEGADE (MB-22-92)	55.0
PST-5STB	78.3	SR 8300	55.0
PST-5VC	78.3	VEGAS	53.3
HOUNDOG V (ISI-AFE)	76.7	FA-22	51.7
PYRAMID (SIU-1)	76.7	SOUTHERN CHOICE (MB-25-92)	51.7
PST-5DX W/ENDOPHYTE	75.0	DUKE	50.0
PST-5LX	75.0	ELDORADO	50.0
REBEL 3D	73.3	PIXIE	50.0
403	71.7	BAR FA 214	48.3
FINELAWN PETITE	71.7	CORONADO (PST-RDG)	48.3
REBEL, JR.	71.7	LANCER	48.3
TOMAHAWK	71.7	BONANZA	46.7
BAR FA 2AB	70.0	COCHISE	46.7
KITTYHAWK	70.0	ISI-CRC	46.7
AVANTI	68.3	OLYMPIC II	46.7
COYOTE (ZPS-ML)	68.3	BAR FA 0855	45.0
GRANDE (SR 8400)	68.3	CHIEFTAIN II (PICK CII)	45.0
NINJA (ATF-006)	68.3	EMPRESS (ZPS-E2)	45.0
SHORTSTOP II (PICK 90-06)	68.3	MARKSMAN (MB-23-92)	45.0
AUSTIN	66.7	SILVERADO	45.0
BONANZA II	66.7	CAS-LA20	43.3
MIRAGE (KWS-DSL)	66.7	CAS-MA21	41.7
SR 8200	66.7	DEBUTANTE (WXI-208-2)	40.0
TWILIGHT	66.7	GENESIS (GEN-91)	36.7
GENERIC (CAFA 101)	65.0	JAGUAR 3 (ZPS-J3)	36.7
MONTAUK	65.0	M-2	36.7
SR 8210	65.0	AZTEC	35.0
DUSTER (ITR-90-2)	63.3	FALCON II (MB-21-92)	35.0
BARLEXAS (LEXUS)	63.3	GAZELLE (ZPS-VL)	33.3
MICRO DD	63.3	GUARDIAN	33.3
PALISADES (OFI-TF-601)	63.3	SHENANDOAH	30.0
SAFARI	63.3	ATF-007	26.7
ARID	61.7		
LEPRECHAUN	61.7	LSD VALUE	35.4

- 1/ PERCENT CRABGRASS (JULY) RATED IN 1995 ONLY.
- 2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.
- 3/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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 38. PERCENT GREEN COVER (AUGUST) RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE LOW MOWN STRIPS 1/
1993-1995 DATA 3/

NAME	AR1	NAME	AR1
EMPRESS (ZPS-E2)	31.7	REBEL 3D	8.7
ARID	30.7	AUSTIN	8.3
M-2	28.3	BAR FA 0855	8.3
COCHISE	26.7	BAR FA 214	8.3
BONANZA	25.0	BAR FA 2AB	8.3
RENEGADE (MB-22-92)	23.3	GENERIC (CAFA 101)	8.3
FALCON II (MB-21-92)	21.7	KITTYHAWK	8.3
OLYMPIC II	21.7	KY-31 NO ENDO.	8.3
CHIEFTAIN II (PICK CII)	20.3	PSTF-LF	8.3
AZTEC	20.0	SILVERADO	8.3
SOUTHERN CHOICE (MB-25-92)	20.0	VEGAS	8.3
SR 8300	20.0	BONANZA II	7.0
TITAN 2 (SR 8010)	20.0	BONSAI PLUS	7.0
ISI-CRC	18.3	DUSTER (ITR-90-2)	7.0
KY-31 W/ENDO.	18.3	LANCER	7.0
PYRAMID (SIU-1)	18.3	PALISADES (OFI-TF-601)	7.0
DUKE	17.0	PST-5LX	7.0
CROSSFIRE II (PICK 90-12)	16.7	PST-5PM	7.0
DEBUTANTE (WXI-208-2)	16.7	WILDCAT (PSTF-200)	7.0
FALCON	16.7	GAZELLE (ZPS-VL)	6.7
GRANDE (SR 8400)	16.7	MONTAUK	6.7
LEPRECHAUN	16.7	STARLET (MB-24-92)	6.7
PHOENIX	16.7	403	5.3
SAFARI	16.7	ADOBE (SFL)	5.3
SR 8200	15.3	ALAMO (J-1048)	5.3
AVALON (ISI-ATK)	15.0	COYOTE (ZPS-ML)	5.0
JAGUAR 3 (ZPS-J3)	13.7	HERITAGE (PSTF-401)	5.0
BARLEXAS (LEXUS)	13.7	REBEL, JR.	5.0
SHENANDOAH	13.7	SHORTSTOP II (PICK 90-06)	5.0
FA-22	13.3	FA-19	4.0
ISI-AFA	13.3	PST-5STB	4.0
MARKSMAN (MB-23-92)	13.3	FINELAWN 88	3.7
ANTHEM	12.0	TWILIGHT	3.7
HOUNDG V (ISI-AFE)	12.0	VIRTUE	3.7
SR 8210	12.0	APACHE II (PST-59D)	2.3
TRAILBLAZER II	12.0	BONSAI	2.3
ASTRO 2000	11.7	ELDORADO	2.3
ATF-007	11.7	FINELAWN PETITE	2.3
CAS-MA21	11.7	MONARCH	2.3
GENESIS (GEN-91)	11.7	NINJA (ATF-006)	2.3
MICRO DD	10.3	PST-5VC	2.3
MIRAGE (KWS-DSL)	10.3	SUN PRO (PICK 90-10)	2.3
CORONADO (PST-RDG)	10.0	TOMAHAWK	2.3
GUARDIAN	10.0	AVANTI	1.0
PIXIE	10.0	PRO-9178	1.0
PST-5DX W/ENDOPHYTE	10.0		
CAS-LA20	8.7	LSD VALUE	17.0

- 1/ PERCENT GREEN COVER (AUGUST) RATED IN 1995 ONLY.
- 2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.
- 3/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).