

1996 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 1997-2000

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Santa Clara	CA1
California	Riverside	CA3
Delaware	Newark	DE1
Georgia	Griffin	GA1
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maine	Orono	ME1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Missouri	St. Louis	MO3
Mississippi	Mississippi State (Shade)	MS1
Nebraska	Mead	NE1
Nebraska	Mead (Traffic)	NE2
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New York	Ithaca	NY1
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Rhode Island	Kingston	RI1
South Carolina	Clemson	SC2
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4
Virginia	Blackstone	VA9
Washington	Pullman	WA1

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Entries and Sponsors

Entry #	Name	Sponsor	Entry #	Name	Sponsor
1	Axiom (ATF-192)	American Seed Producers	66	Marksman	ProSeeds Marketing, Inc.
2	Wildfire (ATF-196)	Jenks Seed Connection	67	Renegade	ProSeeds Marketing, Inc.
3	ATF-022	Advanta Seeds Pacific	68	Southern Choice	ProSeeds Marketing, Inc.
4	Red Coat (ATF-038)	Mountain View Seeds	69	Falcon II	Standard Entry
5	Reserve (ATF-182)	LandMark Seed	70	TF 66 (BAR FA6 US6F)	Barenbrug USA, Inc.
6	ATF-020	Advanta Seeds Pacific	71	Duster	Pennington Seed Company
7	ATF-253	Advanta Seeds Pacific	72	Cochise II	Ampac Seed Company
8	ATF-257	Advanta Seeds Pacific	73	Shenandoah II (WRS2)	ProSeeds Marketing, Inc.
9	Tulsa	Seed Research of Oregon	74	WX3-275	Simplot Turf & Hortoculture
10	Regiment	Seed Research of Oregon	75	Crossfire II	Pickseed West, Inc.
11	Rebel Sentry (AA-A91)	Budd Seed	76	Bulldawg (Pick GA-96)	Pickseed West, Inc.
12	Rebel 2000 (AA-989)	Budd Seed	77	Pick FA N-93	Pickseed West, Inc.
13	Velocity (AA-983)	ProSeeds Marketing, Inc.	78	JTTFA-96	Japan Turfgrass II
14	CU9501T	Clemson University	79	JTTFC-96	Japan Turfgrass II
15	CU9502T	Clemson University	80	ISI-TF10	Cebeco International Seeds, Inc.
16	Arid	Standard Entry	81	ISI-TF9	Cebeco International Seeds, Inc.
17	Arid 3 (J-98)	Simplot Turf & Hortoculture	82	ISI-TF11	Cebeco International Seeds, Inc.
18	Arid II (J-3)	Simplot Turf & Hortoculture	83	Kentucky-31 w/endo.	Standard Entry
19	DP 50-9011	DLF/ Trifolium	84	Zanzibar (ZPS-5LZ)	Grassland Oregon
20	DP 7952	DLF/ Trifolium	85	PST-5TO	Pure-Seed Testing, Inc.
21	Arabia (J-5)	Simplot Turf & Hortoculture	86	Olympic Gold (PST-5E5)	Pure-Seed Testing, Inc.
22	Pixie E+	Simplot Turf & Hortoculture	87	Wolfpack (PST-R5TK)	Pure-Seed Testing, Inc.
23	Alamo E	Simplot Turf & Hortoculture	88	Bandana (PST-R5AE)	Pennington Seed, Inc.
24	Brandy (J-101)	ProSeeds Marketing, Inc.	89	Gazelle	ProSeeds Marketing, Inc.
25	Shortstop II	Pickseed West, Inc.	90	Safari	Turf-Seed, Inc.
26	Pick FA 15-92	Pickseed West, Inc.	91	Coyote	ProSeeds Marketing, Inc.
27	Arizona (Pick FA 6-91)	Pickseed West, Inc.	92	Tomahawk-E	Turf-Seed, Inc.
28	R5AU	Rutgers University	93	Tar Heel	Pure-Seed Testing, Inc.
29	Rembrandt (LTP-4026 E+)	Lebanon Turf Products, Inc.	94	Coronado	Turf-Seed, Inc.
30	Plantation (Pennington-1901)	Pennington Seed Company	95	Apache II	Turf-Seed, Inc.
31	Millennium (TMI-RBR)	Rutgers University	96	Kitty Hawk S.S.T (SS45DW)	Smith Seed Services
32	Anthem II (TMI-FMN)	Turf Merchants, Inc.	97	Comstock (SSDE31)	Smith Seed Services
33	Equinox (TMI-N91)	Turf Merchants, Inc.	98	Titan 2	Smith Seed Services
34	Twilight II (TMI-TW)	Turf Merchants, Inc.	99	Lion	Cascade International Seed Co.
35	Aztec II (TMI-AZ)	Turf Merchants, Inc.	100	EA 41	Cascade International Seed Co.
36	Bonsai 2000 (Bullet)	Turf Merchants, Inc.	101	OFI-FWY	AgriBioTech, Inc.
37	BAR FA 6D	Barenbrug USA, Inc.	102	OFI-951	AgriBioTech, Inc.
38	Barlexas II (BAR FA 6LV)	Barenbrug USA, Inc.	103	OFI-931	AgriBioTech, Inc.
39	Pick FA UT-93	Pickseed West, Inc.	104	Finelawn Petite	ProSeeds Marketing, Inc.
40	Watchdog (Pick FA B-93)	Pickseed West, Inc.	105	PSII-TF-10	Production Service International
41	Mustang II	Pickseed West, Inc.	106	PSII-TF-9	Production Service International
42	Wyatt (ATF-188)	The Scotts Company	107	SR 8500 (SRX 8500)	Seed Research of Oregon
43	Chapel Hill (TA-7)	Mountain View Seeds, Ltd.	108	SRX 8084	Seed Research of Oregon
44	WVPB-1B	Willamette Valley Plant Breeders	109	SR 8210	Seed Research of Oregon
45	DLF-1	DLF/Trifolium	110	PRO 8430	Seed Research of Oregon
46	OFI-96-31	ProSeeds Marketing, Inc.	111	Pick FA 20-92	Pickseed West, Inc.
47	OFI-96-32	AgriBioTech, Inc.	112	Pick FA XK-95	Pickseed West, Inc.
48	Glen Eagle (EC-101)	Emerald Commodities	113	Empress	ProSeeds Marketing, Inc.
49	JSC-1	Jenks Seed Company	114	Masterpiece (LTP-SD-TF)	Lebanon Turf Products, Inc.
50	AV-1	Agrivesments	115	Leprechaun	Roberts Seed Company
51	Pedestal (PC-AO)	Mountain View Seeds, Ltd.	116	Dominion (PST-5M5)	Pure-Seed Testing, Inc.
52	Bravo (RG-93)	LESCO, Inc.	117	Coronado Gold (PST-5RT)	Pure-Seed Testing, Inc.
53	Helix (WVPB-1D)	Plainview Seed Co.	118	Jaguar 3	Standard Entry
54	WPEZE (WVPB-1C)	Western Productions Inc./Willamette Valley Plant Breeders	119	Dynasty (Pick RT-95)	Pickseed West, Inc.
55	Good-EN (Kooos 96-14)	Western Productions Inc.	120	Scorpio (ZPS-2PTF)	ProSeeds Marketing, Inc.
56	MB 26	ProSeeds Marketing, Inc.	121	Sunpro	Pickseed West, Inc.
57	MB 28	ProSeeds Marketing, Inc.	122	Bonsai	Standard Entry
58	MB 29	ProSeeds Marketing, Inc.	123	OnCue (PST-523)	Pennington Seed Company
59	Airlie (MB 210)	ORCO, Inc.	124	Tracer (BAR Fa6 US1)	Barenbrug USA, Inc.
60	Durana (MB 211)	Pennington Seed, Company Inc.	125	BAR Fa6 US2U	Barenbrug USA, Inc.
61	Falcon III (MB 212)	ProSeeds Marketing, Inc.	126	Barrera (BAR Fa6 US3)	Barenbrug USA, Inc.
62	MB 213	ProSeeds Marketing, Inc.	127	Barrington (BAR Fa6D USA)	Barenbrug USA, Inc.
63	MB 214	ProSeeds Marketing, Inc.	128	Shenandoah	Standard Entry
64	MB 215	ProSeeds Marketing, Inc.	129	Genesis	Budd Seed
65	MB 216	ProSeeds Marketing, Inc.			

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1/
1997-2000 DATA

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

NAME	ARI	CA1	CA3	DE1	GAI	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
* REMBRANDT (LTP-4026 E+)	6.6	6.9	6.2	4.4	6.6	5.3	6.3	7.5	6.7	6.7	8.3	6.0	6.7	5.8	5.5	6.6	6.7	6.0	6.0	4.9	8.0	6.7	6.0	6.2	5.8	5.5	5.8	6.0	6.3
* PLANTATION (PENNINGTON-1901)	6.4	7.1	6.2	4.0	6.8	5.4	5.9	6.6	6.4	6.6	8.1	5.9	6.6	5.9	5.6	6.7	6.8	6.0	5.8	6.0	7.8	6.6	6.1	5.7	6.0	5.5	5.7	6.1	6.2
* MILLENNIUM (TMI-RBR)	6.2	7.0	6.3	4.4	6.4	5.5	6.2	7.3	6.7	6.7	8.1	5.8	7.1	5.6	5.3	6.2	6.3	6.5	5.8	6.4	7.9	6.6	5.9	5.6	5.5	5.2	5.8	6.0	6.2
* DYNASTY (PICK RT-95)	6.4	6.9	6.3	4.6	6.6	4.7	6.0	7.5	6.5	6.3	8.0	5.4	6.7	5.7	5.3	6.7	6.5	5.6	5.7	4.9	7.9	6.4	5.1	5.2	5.7	5.3	6.0	5.9	6.1
* SHENANDOAH II (WRS2)	6.4	7.0	6.1	4.9	6.2	5.0	6.0	7.2	6.3	6.4	7.8	5.8	6.3	5.3	5.4	6.7	6.4	5.5	5.2	5.9	7.9	6.6	5.1	5.3	5.5	5.5	5.9	6.0	6.0
* MASTERPIECE (LIP-SD-TF)	6.2	7.0	5.9	3.8	6.9	5.1	6.1	6.9	6.7	6.7	8.1	5.8	6.2	5.3	5.1	6.5	6.4	5.9	5.3	5.1	7.8	6.4	5.5	5.4	5.4	5.2	5.9	6.0	6.0
* SCORPIO (ZPS-2PTF)	6.3	6.9	6.3	3.8	6.3	5.1	6.2	7.4	6.5	6.5	7.9	5.8	6.2	5.5	5.4	6.4	6.2	5.8	5.5	5.1	8.0	6.4	4.5	5.2	6.0	5.0	5.8	6.2	6.0
* CROSSFIRE II	6.0	7.0	6.1	4.3	6.4	5.6	6.0	6.8	6.5	6.4	7.6	5.2	6.5	5.3	5.4	6.3	6.7	5.9	5.2	6.0	7.5	6.5	5.4	5.2	5.2	5.2	5.7	5.9	6.0
* COYOTE	6.0	6.8	5.9	4.0	6.0	5.0	5.9	6.6	6.4	6.2	7.8	5.7	7.0	5.4	5.4	6.5	6.4	5.7	5.5	4.3	8.0	6.4	5.6	5.2	5.7	5.4	5.8	6.1	6.0
* REBEL SENTRY (AA-A91)	5.7	6.8	5.8	4.0	6.2	5.3	6.1	6.7	6.2	6.4	7.7	6.0	6.2	5.3	5.3	6.5	6.6	5.2	5.3	4.7	8.0	6.5	6.3	5.5	5.5	5.1	5.7	5.9	5.9
* WATCHDOG (PICK FA B-93)	6.3	6.6	6.0	4.2	5.9	5.3	5.8	6.5	6.6	6.3	7.8	5.7	7.0	5.5	5.0	6.0	6.2	5.4	5.4	4.4	7.9	6.5	5.8	5.5	5.8	5.0	5.9	5.9	5.9
* ARID 3 (J-98)	6.1	6.7	5.9	4.3	5.9	4.5	5.6	6.3	6.4	6.5	7.7	5.9	6.1	5.1	4.8	6.6	6.6	5.6	5.0	6.1	7.7	6.4	6.6	5.6	5.8	4.8	5.7	5.8	5.9
* JAGUAR 3	6.5	7.0	6.1	4.0	6.7	5.0	5.8	7.1	6.5	6.5	7.9	5.5	6.2	5.3	4.9	6.3	6.5	5.2	5.0	5.6	7.7	6.4	5.2	5.2	5.3	5.2	5.8	5.7	5.9
* OLYMPIC GOLD (PST-5E5)	6.2	6.8	6.2	4.5	6.6	4.7	5.7	6.3	6.2	6.6	7.9	5.7	6.5	5.6	5.1	6.4	6.0	5.1	5.0	5.7	7.6	6.4	5.3	5.2	5.4	5.2	5.7	6.0	5.9
* BRANDY (J-101)	5.7	6.9	6.0	3.9	5.7	5.2	5.6	6.5	6.2	6.3	7.5	5.1	6.3	5.7	5.0	6.4	6.2	5.5	4.7	5.7	7.7	6.3	7.2	5.6	5.2	5.0	5.8	5.8	5.9
* FALCON III (MB 212)	6.1	6.9	5.7	4.1	6.2	5.1	5.8	7.1	6.2	6.4	8.1	5.0	6.7	5.8	5.1	6.1	6.3	5.3	4.9	3.8	7.7	6.4	5.7	5.5	5.5	5.2	5.8	5.9	5.9
CU9502T	5.6	7.0	5.7	4.4	5.8	4.6	5.9	6.2	6.4	6.4	7.9	6.1	6.4	5.5	5.2	6.0	6.6	5.1	4.6	5.6	7.7	6.4	5.9	5.5	5.3	5.5	5.8	5.8	5.9
MB 29	6.5	6.6	5.8	4.0	6.0	4.7	5.7	6.0	6.2	6.4	8.1	5.4	6.4	5.7	5.3	6.6	6.1	5.1	5.0	5.2	7.6	6.6	5.2	5.8	5.3	5.1	5.7	6.4	5.9
CU9501T	5.4	6.8	6.0	4.1	6.0	5.2	5.5	6.4	6.2	6.4	7.7	6.0	6.2	5.4	4.9	6.0	6.7	5.1	5.0	4.9	7.6	6.4	6.0	6.0	5.4	5.2	5.6	5.9	5.9
* MUSTANG II	6.1	6.7	5.7	4.6	6.3	5.0	5.8	7.1	6.3	6.6	7.3	5.4	6.4	5.9	4.9	5.9	6.1	4.5	4.7	5.6	7.4	6.4	5.7	5.9	5.3	4.8	5.8	5.5	5.9
* TAR HEEL	6.0	6.8	6.2	4.0	6.2	5.0	6.0	6.4	6.2	6.4	7.8	5.5	6.1	5.4	5.2	6.3	5.9	5.5	5.1	4.7	7.6	6.3	5.4	5.5	5.6	5.4	5.7	5.7	5.9
* ONCUE (PST-523)	6.1	6.8	5.9	4.3	6.3	5.2	6.0	6.6	6.3	6.3	7.5	5.7	5.7	5.5	5.1	5.9	6.3	5.0	5.0	4.9	7.6	6.4	5.8	5.3	5.6	5.1	5.8	5.6	5.8
* SOUTHERN CHOICE	5.9	6.7	6.0	4.3	6.1	4.8	5.8	6.6	6.2	6.6	7.2	5.8	6.4	5.9	5.1	5.8	6.5	4.7	5.0	5.7	7.5	6.3	5.2	5.2	5.6	5.3	5.6	5.8	5.8
MB 26	6.1	6.9	6.0	4.3	5.1	4.3	5.7	6.2	6.2	6.2	7.7	5.2	6.6	5.3	5.1	6.4	6.4	5.4	5.0	5.9	8.1	6.6	5.0	5.7	5.0	4.9	5.6	6.1	5.8
* GAZELLE	5.6	6.9	6.0	3.9	5.7	5.1	5.7	6.8	6.6	6.3	7.8	5.4	6.3	5.0	5.0	6.4	6.5	5.7	5.6	3.9	8.0	6.3	5.5	5.2	5.5	5.0	5.8	5.8	5.8
* DURANA (MB 211)	6.2	6.6	5.8	4.3	5.8	4.3	5.7	6.7	6.1	6.4	7.9	5.1	6.7	5.8	5.3	6.4	6.2	5.0	4.6	4.8	7.6	6.6	5.9	5.5	5.5	5.0	5.6	5.9	5.8
MB 213	6.2	6.6	5.7	4.7	5.7	4.8	5.7	6.2	6.2	6.6	7.8	4.8	6.4	5.7	5.1	6.5	6.1	5.5	4.6	5.5	7.8	6.5	4.8	5.5	5.6	4.9	5.5	6.1	5.8
* DOMINION (PST-5M5)	5.9	6.5	6.0	4.0	6.1	5.0	5.7	6.9	6.3	6.6	7.7	5.7	6.5	5.8	5.2	6.6	6.5	4.7	5.0	3.3	7.6	6.5	4.8	5.1	5.7	5.3	5.9	5.8	5.8
MB 28	5.8	6.4	5.7	4.0	6.0	5.0	5.5	6.2	6.0	6.5	7.4	5.5	6.2	5.8	5.2	6.3	6.1	5.2	4.7	6.1	7.4	6.6	5.3	5.6	5.5	5.0	5.6	6.1	5.8
OFI-931	5.8	6.4	5.8	4.0	6.0	4.6	5.8	6.2	6.4	6.4	7.7	5.5	6.4	5.4	5.0	6.3	6.1	4.7	4.9	5.4	7.5	6.5	5.9	5.4	5.8	5.1	5.7	5.9	5.8
* BARLEXAS II (BAR FA 6LV)	5.8	6.8	6.2	4.6	6.2	4.3	5.4	6.0	6.3	6.4	7.8	5.2	6.9	5.1	5.0	5.9	6.1	5.3	4.6	5.0	7.9	6.4	6.2	5.3	5.7	4.8	5.6	5.8	5.8
* BARRERA (BAR FA6 US3)	5.7	6.7	5.9	4.3	5.4	4.4	5.7	6.0	6.4	6.3	7.9	5.2	6.1	5.1	5.1	6.4	6.3	4.9	5.0	5.8	7.8	6.7	5.5	5.3	5.6	4.7	5.7	6.2	5.8
* BONSAI 2000 (BULLET)	5.1	7.0	6.1	4.5	5.9	5.2	6.0	6.8	6.3	6.5	7.5	5.5	6.2	5.3	4.8	5.8	6.1	5.3	5.1	5.0	7.5	6.3	5.0	5.5	5.6	5.0	5.6	5.6	5.8
* RED COAT (ATF-038)	6.4	6.8	6.0	4.7	5.8	4.9	5.2	6.4	6.3	6.2	7.4	5.4	5.9	5.5	4.8	5.9	6.5	4.5	4.6	5.8	7.6	6.4	5.7	5.5	5.3	5.4	5.6	5.7	5.8
* WOLFPACK (PST-R5TK)	5.5	6.7	6.3	3.8	6.8	5.5	6.0	6.5	6.3	6.4	7.5	5.8	5.7	5.5	5.0	6.1	6.0	5.0	5.1	3.9	7.4	6.6	5.1	5.2	5.4	5.3	5.7	5.7	5.8
* REBEL 2000 (AA-989)	6.2	6.5	5.7	3.9	6.1	4.8	5.3	5.7	6.0	6.3	7.3	5.4	6.5	4.9	4.8	6.3	6.1	4.8	4.3	5.7	7.4	6.3	6.4	5.8	5.6	5.3	5.7	6.3	5.8
* PIXIE E+	5.4	6.6	5.7	4.3	5.9	5.6	5.7	6.6	6.2	6.3	7.1	5.9	6.1	5.7	5.1	6.1	6.0	4.0	4.4	5.3	7.5	6.3	5.7	6.0	5.4	5.4	5.7	5.8	5.8
* GENESIS	5.7	6.4	5.7	4.1	6.0	5.1	5.7	6.3	6.2	6.4	7.6	5.7	6.0	5.1	5.0	5.8	5.7	4.8	4.1	6.0	7.3	6.5	6.0	5.4	5.5	5.7	5.6	5.7	5.8
MB 214	5.9	6.5	5.8	4.4	5.6	4.5	5.8	5.9	6.0	6.4	7.6	5.6	6.2	5.2	4.9	6.2	6.3	4.9	4.2	6.0	8.2	6.5	4.9	5.5	5.3	5.2	5.6	6.3	5.8
OFI-96-31	5.5	6.6	5.9	4.3	5.6	4.8	5.6	5.6	6.3	6.4	7.2	5.0	6.2	5.5	5.1	6.1	6.2	5.1	5.0	5.8	7.6	6.5	5.7	5.3	5.7	5.1	5.7	6.0	5.8
BAR FA 6D	5.7	6.7	6.0	4.0	5.8	4.3	5.5	5.8	6.5	6.6	7.6	5.6	6.1	5.2	5.3	5.8	6.2	5.2	4.7	5.3	7.8	6.4	5.8	5.4	5.6	4.9	5.6	5.9	5.8
* CHAPEL HILL (TA-7)	5.4	6.2	5.8	3.8	6.0	4.8	5.6	6.1	6.1	6.3	7.8	5.5	6.4	5.8	5.2	5.8	6.2	4.9	4.7	5.3	7.5	6.4	6.1	5.3	5.5	5.3	5.6	5.8	5.8
* BRAVO (RG-93)	5.4	6.7	5.8	4.4	6.2	5.1	5.7	6.4	6.3	6.5	7.5	5.4	6.3	5.3	5.0	6.0	5.5	5.0	4.9	6.1	7.6	6.2	5.0	5.2	5.2	5.2	5.7	5.9	5.8
* WILDFIRE (ATF-196)	5.9	6.8	6.1	3.7	5.8	4.7	5.3	7.0	6.2	6.1	6.9	5.4	5.7	5.0	5.1	6.1	6.6	5.3	5.2	5.5	7.6	6.3	5.8	5.5	5.4	4.9	5.6	5.9	5.8

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ARI	CA1	CA3	DE1	GAI	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
* EMPRESS	5.6	6.9	5.7	4.3	6.0	4.9	6.1	5.9	6.4	6.4	7.5	5.7	6.1	5.2	5.1	6.4	6.4	5.0	4.9	4.1	7.6	6.2	5.7	5.2	5.7	4.9	5.6	5.9	5.8
* RESERVE (ATF-182)	6.0	6.5	5.9	3.6	6.5	4.1	5.7	6.9	6.2	6.3	7.3	5.7	6.3	5.5	4.8	5.6	5.9	4.5	4.6	5.8	7.5	6.4	5.5	5.5	5.4	5.5	5.7	5.7	5.7
MB 215	5.9	6.2	5.7	4.6	5.9	4.7	5.5	6.0	6.0	6.4	7.3	5.4	6.5	5.7	5.2	6.4	6.3	5.0	4.1	4.4	7.9	6.5	5.2	5.6	5.7	5.3	5.6	6.0	5.7
* AIRLIE (MB 210)	5.4	6.6	5.9	4.0	5.7	4.5	5.6	6.4	6.1	6.7	7.5	5.7	6.6	5.5	5.2	5.8	6.1	4.8	4.6	5.4	7.6	6.5	4.9	5.7	5.8	4.9	5.7	5.6	5.7
* RENEGADE	5.5	6.5	5.9	4.6	5.9	5.4	5.7	6.3	6.0	6.3	7.3	5.9	6.2	5.4	5.1	5.8	5.9	4.1	4.5	6.0	7.5	6.5	5.3	5.2	5.1	5.5	5.6	5.5	5.7
* ARID II (J-3)	5.2	6.6	6.0	5.2	5.6	4.3	5.4	6.2	6.0	6.3	7.3	5.1	5.8	5.6	4.7	6.1	6.3	5.1	4.7	5.7	7.7	6.2	6.4	5.5	5.6	4.8	5.6	5.8	5.7
* APACHE II	6.0	6.7	6.0	4.3	6.0	4.8	5.9	5.7	6.1	6.3	7.6	5.5	6.5	5.1	4.9	5.8	6.1	4.8	5.0	5.1	7.4	6.2	5.4	5.4	5.4	5.1	5.7	5.7	5.7
* WYATT (ATF-188)	5.2	6.8	5.9	4.6	5.9	4.6	5.8	6.2	6.5	6.2	7.3	5.5	6.1	5.6	4.8	5.8	6.0	4.9	4.8	5.4	7.7	6.2	5.6	5.4	5.1	5.0	5.7	5.7	5.7
MB 216	5.9	6.2	5.6	4.0	5.9	5.2	5.5	5.5	5.9	6.3	7.4	5.4	6.4	5.9	5.2	6.7	6.1	4.9	4.3	4.9	7.6	6.4	5.2	5.8	5.6	4.9	5.6	6.1	5.7
R5AU	6.0	6.8	6.0	4.1	6.4	4.7	5.8	6.9	6.2	6.4	7.3	5.5	6.6	5.2	5.3	6.1	5.5	4.6	4.7	3.2	7.4	6.4	5.8	5.6	5.8	5.0	5.5	5.6	5.7
* CORONADO	5.5	6.8	6.0	3.9	6.2	5.1	5.7	6.0	6.1	6.3	7.4	4.7	6.3	4.9	5.3	6.2	6.1	5.8	5.0	4.1	7.7	6.2	5.0	5.4	6.0	5.0	5.6	5.8	5.7
BAR FA6 US2U	5.9	6.5	6.0	4.0	5.4	4.5	5.5	5.5	6.3	6.3	7.7	5.2	6.3	5.2	5.0	6.0	6.1	5.3	4.6	5.6	7.5	6.6	5.5	5.3	6.0	4.8	5.6	6.1	5.7
* BARRINGTON (BAR FA6D USA)	5.0	6.7	5.9	4.1	6.1	4.4	5.6	5.9	6.4	6.4	7.9	5.4	6.4	5.4	4.9	6.3	6.1	5.5	4.6	4.0	7.8	6.6	5.2	5.4	5.6	5.0	5.7	5.9	5.7
* AZTEC II (TMI-AZ)	4.9	6.9	6.0	4.2	5.8	5.2	5.7	6.1	6.3	6.4	7.3	4.6	5.7	5.7	5.1	5.9	5.9	5.0	4.8	5.6	7.7	6.4	5.6	5.3	5.3	4.9	5.7	5.8	5.7
* SR 8210	5.8	6.7	6.1	4.2	5.6	5.0	5.8	5.7	6.5	6.3	7.4	5.0	6.1	5.5	4.9	6.3	5.8	4.9	4.8	5.1	7.8	6.3	5.3	5.1	5.7	4.9	5.7	5.8	5.7
* ANTHEM II (TMI-FMN)	5.3	6.9	5.9	3.8	5.8	5.1	5.6	6.4	5.9	6.4	7.4	4.9	5.8	5.8	4.9	5.8	6.0	5.2	4.7	5.0	7.4	6.3	5.5	5.5	6.0	4.9	5.7	5.8	5.7
* TULSA	5.6	7.0	5.9	4.0	6.1	5.0	5.8	6.7	6.3	6.3	7.2	5.4	5.9	5.6	5.0	5.9	5.9	4.5	4.9	3.8	7.7	6.4	5.7	5.5	5.5	5.0	5.7	5.7	5.7
* ZANZIBAR (ZPS-5LZ)	6.2	6.8	6.1	4.5	5.4	4.9	5.6	6.0	6.1	6.2	7.7	5.2	6.0	5.0	4.8	6.5	6.1	5.2	4.8	4.6	7.7	6.4	4.8	5.2	5.8	4.9	5.6	5.7	5.7
* SHENANDOAH	5.9	6.2	5.5	4.9	6.0	5.6	5.8	6.3	6.1	6.3	7.2	5.8	5.7	5.9	4.9	5.6	5.9	4.2	4.2	5.9	7.2	6.2	5.1	5.4	5.3	5.4	5.6	5.4	5.7
* DUSTER	5.4	6.6	6.0	3.9	5.5	5.2	5.7	6.2	6.2	6.3	7.2	5.7	5.9	5.1	5.0	5.9	6.1	4.4	4.4	5.2	7.4	6.3	6.3	5.1	5.7	5.0	5.6	5.7	5.7
* SR 8500 (SRX 8500)	5.7	6.8	5.9	3.8	5.2	4.7	5.7	5.7	6.3	6.2	7.6	5.1	6.4	5.2	5.2	5.7	6.5	4.8	5.0	5.0	7.5	6.3	5.8	5.2	5.7	5.0	5.7	5.8	5.7
ISI-TF11	5.7	6.5	5.7	3.8	5.9	5.7	5.9	6.3	6.0	6.3	7.4	5.7	5.7	5.6	5.1	6.0	5.8	4.5	4.6	5.1	7.4	6.3	5.1	5.2	5.5	5.2	5.6	5.5	5.7
* SAFARI	5.6	6.5	5.5	4.6	6.0	5.3	6.2	6.2	6.0	6.4	7.1	5.8	6.1	6.0	5.1	5.6	5.7	4.0	4.2	5.6	7.5	6.3	5.0	5.2	5.2	5.3	5.7	5.3	5.7
* SUNPRO	6.2	6.6	6.0	5.0	5.4	4.5	5.7	5.1	6.3	6.0	7.4	5.2	6.4	5.1	4.9	5.8	6.4	5.4	4.8	4.8	7.7	6.3	4.9	5.2	5.7	4.8	5.5	6.0	5.7
ATF-257	6.1	6.7	5.8	4.1	6.1	4.8	5.9	6.7	6.0	6.3	7.4	5.5	6.1	5.3	4.8	5.7	6.2	4.2	4.9	4.8	7.3	6.3	5.1	5.4	5.3	5.0	5.6	5.3	5.7
* TRACER (BAR FA6 US1)	5.9	6.7	5.9	4.4	5.5	4.1	5.2	5.5	6.4	6.3	7.9	5.1	6.0	4.9	5.0	6.1	6.4	5.2	4.7	5.8	7.9	6.4	4.8	5.3	5.5	4.5	5.5	6.1	5.7
* REGIMENT	5.5	6.7	5.5	4.6	5.6	5.3	5.7	6.3	6.2	6.1	6.9	5.6	5.9	5.5	5.1	5.8	5.8	4.7	4.6	5.1	7.4	6.3	5.2	5.6	5.2	5.3	5.6	5.4	5.7
ISI-TF9	5.6	6.7	5.7	4.0	5.7	4.8	5.8	6.4	6.0	6.3	7.6	5.3	6.0	5.8	4.9	5.8	6.0	4.7	4.4	4.9	7.6	6.4	5.3	5.2	5.4	5.0	5.6	5.6	5.7
PICK FA 20-92	5.2	6.8	6.0	3.6	5.4	4.3	5.5	5.7	6.3	6.1	7.2	5.3	6.8	4.9	5.1	6.1	6.1	5.0	5.3	5.5	7.7	6.4	5.6	5.2	5.3	4.6	5.4	6.1	5.7
PICK FA XK-95	6.1	6.8	5.9	4.0	5.5	4.5	5.7	5.4	6.1	6.3	7.3	4.4	5.6	5.3	5.1	6.1	6.0	5.3	5.2	5.1	7.7	6.3	5.5	5.2	5.2	5.2	5.5	5.9	5.7
OFI-951	5.7	6.7	5.9	3.8	5.5	4.4	5.6	5.4	6.2	6.2	7.4	5.2	5.6	5.3	4.9	6.4	6.2	4.8	4.7	5.3	7.6	6.4	5.5	5.3	5.6	4.6	5.7	6.0	5.6
* BULLDAWG (PICK GA-96)	5.8	6.7	5.6	3.9	5.7	4.3	5.6	5.4	6.3	6.1	7.5	5.4	6.2	4.9	4.8	5.9	6.2	5.0	4.8	6.0	7.4	6.3	5.2	5.2	5.2	5.0	5.7	5.7	5.6
* ALAMO E	5.9	6.6	6.0	3.8	5.9	5.0	5.8	6.1	6.0	6.2	7.1	5.4	5.2	5.7	5.0	5.8	5.8	5.0	4.9	4.5	7.6	6.3	5.4	5.6	5.2	4.9	5.6	5.9	5.6
* BANDANA (PST-R5AE)	5.3	7.0	6.1	3.9	5.8	4.9	5.7	6.4	6.1	6.4	7.2	5.6	5.4	5.5	5.0	6.0	5.6	4.4	4.5	4.8	7.6	6.5	5.2	5.2	5.2	4.9	5.7	5.8	5.6
PST-5TO	5.8	6.7	5.9	3.8	6.2	4.1	5.7	5.8	6.1	6.4	7.5	5.4	5.6	5.3	5.3	6.3	5.6	5.1	4.9	4.3	7.5	6.3	5.3	5.1	5.5	4.8	5.7	5.7	5.6
* TWILIGHT II (TMI-TW)	5.2	6.7	5.7	4.1	5.9	4.9	5.3	6.1	5.8	6.4	7.0	5.3	5.5	5.4	5.0	6.1	5.4	5.0	4.6	5.0	7.3	6.3	5.9	5.3	5.5	5.0	5.6	5.9	5.6
* TF 66 (BAR FA6 US6F)	5.7	6.7	5.8	4.4	5.6	4.8	5.6	5.5	6.1	6.3	7.4	5.4	6.0	5.1	5.2	6.1	5.8	4.5	4.7	3.1	7.7	6.5	5.9	5.2	5.6	5.0	5.7	5.8	5.6
* FALCON II	5.2	6.4	5.7	3.9	6.0	4.9	5.8	5.6	6.1	6.6	7.2	6.0	5.9	5.6	5.0	5.7	6.3	4.3	4.2	5.0	7.3	6.3	5.2	5.2	5.3	5.4	5.6	5.6	5.6
* VELOCITY (AA-983)	5.8	6.3	5.6	4.1	5.9	3.8	5.2	6.0	6.1	6.3	7.2	5.1	6.5	5.2	4.9	6.2	6.5	4.0	4.2	4.6	7.5	6.3	6.4	5.5	5.2	5.1	5.5	6.0	5.6
* ARABIA (J-5)	5.6	6.7	6.1	4.5	5.2	4.1	5.2	5.7	6.2	6.0	7.4	4.7	5.8	5.2	4.7	6.0	5.5	5.1	4.6	5.3	7.6	6.3	5.7	5.5	5.7	4.7	5.6	6.1	5.6
* CORONADO GOLD (PST-5RT)	5.9	6.5	6.1	4.1	6.6	4.8	5.9	5.3	6.1	6.3	7.3	4.6	5.9	5.7	5.1	5.9	5.4	5.1	4.8	4.0	7.5	6.3	5.1	5.2	5.0	4.8	5.8	5.7	5.6
WX3-275	5.4	6.6	5.6	3.9	6.2	5.0	5.6	5.9	6.0	6.2	7.4	4.6	6.1	5.4	4.9	5.7	5.7	4.8	4.1	6.0	7.5	6.1	5.8	5.2	5.0	4.9	5.6	5.4	5.6
PICK FA 15-92	5.6	6.7	5.7	4.5	5.4	4.3	5.5	5.8	6.1	6.1	7.0	4.3	5.5	5.3	4.7	6.1	6.0	5.3	4.4	4.9	7.3	6.1	6.7	5.6	5.4	4.5	5.4	5.9	5.6
* LION	5.9	6.4	5.9	3.8	5.1	4.8	5.7	6.2	5.8	6.3	7.0	5.3	5.9	5.5	5.0	6.0	5.7	4.5	4.5	3.7	7.7	6.5	6.1	5.3	5.5	4.8	5.7	5.7	5.6
ISI-TF10	5.9	6.3	5.9	4.1	5.6	4.3	5.3	5.3	6.0	6.3	7.3	4.8	6.1	5.6	5.1	5.8	5.5	4.7	4.4	5.3	7.3	6.5	5.4	5.1	5.5	5.1	5.5	5.8	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
* COCHISE II	6.0	6.7	5.6	4.2	5.7	4.4	5.6	5.9	6.1	6.1	6.8	5.2	5.9	5.3	4.9	5.7	5.7	4.3	4.3	5.9	7.6	6.3	5.2	5.1	5.0	4.8	5.5	5.8	5.6
PRO 8430	5.3	6.5	5.8	4.0	5.9	5.1	5.9	6.6	6.1	6.3	6.9	5.1	5.9	5.2	4.9	5.4	6.1	4.0	4.3	5.1	7.6	6.2	4.8	5.2	5.3	5.1	5.6	5.6	5.6
OFI-FWY	6.0	6.6	5.5	3.8	5.5	4.8	5.5	5.4	6.3	6.3	7.4	5.3	5.8	5.0	5.1	5.8	6.1	4.7	4.5	5.2	7.5	6.5	4.1	5.3	5.6	5.0	5.6	5.7	5.6
* TOMAHAWK-E	5.0	6.5	5.7	4.0	5.6	4.2	5.9	5.6	6.0	6.3	7.1	5.3	6.5	5.1	4.8	6.1	6.3	4.7	3.9	4.5	7.4	6.1	6.1	5.2	5.5	5.1	5.5	5.7	5.6
ATF-253	5.4	6.7	5.7	4.3	6.0	5.1	5.6	6.8	5.9	6.4	7.1	5.2	6.1	5.1	4.9	5.8	5.7	4.7	4.7	3.4	7.3	6.3	5.3	5.4	4.9	5.0	5.5	5.6	5.6
* FINELAWN PETITE	5.0	6.4	5.7	3.7	6.0	5.0	5.4	5.6	6.0	6.3	7.2	5.4	5.9	5.2	4.8	5.7	5.4	4.7	4.2	4.9	7.6	6.5	5.8	5.2	5.4	5.2	5.6	5.7	5.6
* ARIZONA (PICK FA 6-91)	5.6	6.6	5.5	4.0	5.4	4.1	5.4	5.8	6.2	6.3	7.0	5.2	6.2	5.1	5.0	6.1	6.1	4.5	4.4	3.2	7.6	6.3	6.6	5.6	5.6	4.4	5.4	6.1	5.5
* MARKSMAN	5.7	6.2	5.4	4.2	5.8	5.2	5.7	5.8	5.8	6.3	6.9	4.7	6.5	5.7	4.9	5.4	6.2	4.1	4.2	4.5	7.4	6.3	4.8	5.6	5.5	5.1	5.6	5.7	5.5
ATF-022	5.9	6.5	5.4	3.8	5.8	4.6	5.3	6.7	5.8	6.3	7.0	5.1	6.2	5.1	4.7	5.5	6.1	4.0	4.3	5.4	7.4	6.3	5.7	5.5	5.2	5.2	5.2	5.5	5.5
EA 41	5.8	6.6	5.8	4.3	4.9	4.7	5.5	5.2	6.0	6.0	7.2	5.3	5.9	5.4	5.3	6.3	5.3	4.8	4.3	3.9	7.7	6.3	5.6	5.1	4.9	4.8	5.6	6.0	5.5
* SHORTSTOP II	5.1	6.7	5.8	3.7	4.7	4.6	5.4	5.3	6.0	6.0	7.0	5.1	5.2	4.8	4.9	5.9	6.3	5.0	4.5	5.8	7.4	6.0	6.4	5.6	5.2	4.6	5.4	5.9	5.5
OFI-96-32	5.4	6.4	5.3	4.2	5.9	4.7	5.7	6.1	5.8	6.4	7.0	5.1	5.7	5.4	5.0	5.5	5.6	4.2	4.4	4.9	7.5	6.3	5.4	5.4	5.1	5.2	5.5	5.5	5.5
* GLEN EAGLE (EC-101)	5.1	6.5	5.6	3.9	5.7	4.7	5.5	5.6	6.1	6.4	7.4	4.9	5.8	5.7	4.9	5.8	5.7	4.2	4.4	4.4	7.5	6.3	5.7	5.3	5.1	5.1	5.5	5.6	5.5
ATF-020	5.7	6.5	5.6	3.9	5.5	4.3	5.2	6.5	5.8	6.3	7.3	5.3	6.1	5.1	4.5	5.8	5.9	4.2	4.4	4.7	7.4	6.2	5.5	5.4	5.1	4.9	5.5	5.6	5.5
* TITAN 2	5.3	6.1	5.1	4.4	5.9	5.8	5.9	6.0	5.8	6.4	6.7	5.9	5.6	5.6	4.9	5.1	5.7	3.9	3.9	5.9	7.1	6.1	5.0	5.5	4.8	5.2	5.3	5.1	5.5
PSII-TF-9	5.3	6.3	5.3	4.1	5.7	4.8	5.5	5.9	5.9	6.1	7.0	5.6	5.6	5.6	4.9	5.5	5.4	4.0	4.4	5.8	7.2	6.2	5.3	5.3	5.1	5.2	5.4	5.6	5.5
PICK FA N-93	5.0	6.6	5.9	3.6	4.8	3.8	5.2	5.7	6.3	6.0	7.3	4.9	6.1	4.7	5.0	6.9	5.8	5.4	5.0	4.5	7.8	6.5	5.0	5.2	5.6	4.4	5.5	5.8	5.5
* LEPRECHAUN	5.2	6.4	5.8	3.9	6.1	4.9	5.7	5.2	6.0	6.1	6.9	5.5	6.3	5.1	4.9	5.5	5.6	4.1	4.1	5.6	7.3	6.1	4.3	5.4	5.3	5.2	5.5	5.6	5.5
* PEDESTAL (PC-AO)	5.0	6.4	5.4	3.7	5.6	4.7	5.3	5.7	6.0	6.3	7.7	5.1	5.4	5.6	4.8	5.8	6.1	4.0	4.1	5.0	7.4	6.2	4.8	5.4	5.0	5.2	5.6	5.6	5.5
* GOOD-EN (KOOS 96-14)	5.2	6.2	5.0	3.7	5.4	4.4	5.5	5.5	5.6	6.3	6.9	5.4	6.1	5.5	4.9	5.5	5.5	4.7	4.6	5.4	7.4	6.1	4.9	5.6	5.1	5.3	5.5	5.6	5.5
WVPB-1B	5.3	6.3	5.4	4.2	5.8	4.5	5.4	5.8	6.0	6.3	7.0	5.2	5.8	5.1	5.0	5.6	5.5	4.3	4.2	4.6	7.3	6.2	5.2	5.2	5.1	5.2	5.4	5.4	5.4
SRX 8084	5.0	6.7	5.6	4.9	5.7	4.9	5.7	5.7	5.8	6.1	7.1	5.0	5.8	5.6	4.8	5.5	5.9	3.8	4.2	4.1	7.3	6.1	4.6	5.1	5.1	4.9	5.6	5.5	5.4
* WPEZE (WVPB-1C)	5.0	6.2	4.9	4.0	5.8	5.0	5.5	5.4	5.8	6.2	7.1	5.5	5.6	5.4	4.8	5.5	5.1	3.9	4.5	5.7	7.2	6.2	5.5	5.2	5.2	5.4	5.5	5.5	5.4
* COMSTOCK (SSDE31)	5.4	6.3	5.4	4.5	5.6	4.4	5.6	5.4	5.9	6.3	7.1	5.2	6.0	5.6	4.9	5.6	5.4	4.2	4.1	3.6	7.2	6.2	5.7	5.4	4.9	5.4	5.4	5.6	5.4
* HELIX (WVPB-1D)	5.5	6.4	5.3	4.2	6.0	4.9	5.6	5.2	5.7	6.2	7.0	4.9	5.3	5.5	4.9	5.5	5.7	4.3	4.4	5.0	7.2	6.3	4.6	5.2	4.9	5.2	5.5	5.4	5.4
* KITTY HAWK S.S.T. (SS45DW)	4.8	6.3	5.6	3.9	5.6	4.7	5.7	5.7	5.9	6.3	7.0	4.8	5.6	5.5	4.6	5.7	5.4	3.9	4.3	5.2	7.4	6.1	5.4	5.4	5.0	4.9	5.5	5.6	5.4
* EQUINOX (TMI-N91)	5.0	6.6	5.6	4.0	5.9	4.5	5.7	5.2	5.7	6.1	6.7	5.0	5.8	5.6	4.9	5.3	5.2	4.1	4.3	4.4	7.3	6.3	5.7	5.5	5.4	4.8	5.5	5.7	5.4
DP 50-9011	5.1	6.6	5.7	4.2	5.4	4.2	5.1	5.3	6.2	6.1	6.9	4.9	5.8	5.3	4.9	5.5	5.7	3.6	3.7	5.5	7.6	6.2	5.2	5.4	5.2	4.8	5.4	5.4	5.4
PSII-TF-10	5.0	6.3	5.3	3.7	5.4	4.6	5.4	5.6	5.7	6.2	7.0	4.9	5.5	5.3	4.8	5.6	6.0	4.1	4.2	5.1	7.3	6.2	5.2	5.2	5.0	4.9	5.5	5.6	5.4
* AXIOM (ATF-192)	5.1	6.3	5.6	3.9	5.7	4.9	5.4	5.6	5.6	6.2	6.4	5.3	6.0	5.0	4.8	5.4	5.0	3.8	4.1	4.6	6.9	6.2	5.5	5.5	5.3	5.1	5.5	5.3	5.4
* BONSAI	4.8	6.2	5.6	4.5	4.6	4.4	5.5	5.5	5.9	6.1	6.6	4.6	5.2	5.7	4.8	5.5	5.8	3.6	4.0	4.9	7.2	6.1	4.9	5.2	5.1	4.8	5.4	5.5	5.3
JSC-1	4.4	6.2	5.2	3.9	5.4	4.7	5.3	4.6	5.7	6.3	6.9	4.9	5.4	5.2	4.6	5.6	5.7	3.8	3.7	4.8	7.3	6.1	5.7	5.2	5.1	5.0	5.3	5.5	5.3
PICK FA UT-93	5.2	6.6	5.5	3.8	4.6	3.7	4.7	4.4	6.0	5.7	6.9	4.4	6.0	4.1	4.6	6.0	5.7	4.5	4.3	5.0	7.5	6.0	5.9	5.3	5.5	4.1	5.4	5.7	5.3
JTTFC-96	5.2	6.3	5.3	4.0	5.8	4.8	5.3	5.5	5.9	6.2	6.9	5.2	5.4	5.6	5.0	5.1	5.3	3.4	3.7	4.5	7.0	6.2	4.6	5.1	4.7	4.9	5.3	4.9	5.2
JTTFA-96	4.8	6.2	5.0	4.3	5.6	4.7	5.3	4.9	5.9	5.4	6.2	5.6	5.3	5.7	4.5	5.0	4.8	3.3	4.0	5.0	7.1	6.0	4.6	5.1	5.0	5.3	5.4	4.9	5.2
DLF-1	4.7	5.9	4.7	3.9	5.5	4.8	5.1	4.7	5.5	6.2	6.3	4.6	5.0	5.4	4.7	5.1	5.3	2.9	3.1	3.2	7.1	6.0	5.4	5.8	4.8	4.8	5.3	5.1	5.0
* ARID	4.6	5.5	4.9	3.4	5.7	5.6	5.0	5.1	5.5	5.7	6.1	5.5	4.7	5.9	4.6	4.7	5.3	2.8	2.6	4.4	6.7	5.9	4.4	5.4	4.8	5.1	5.0	4.7	5.0
DP 7952	4.2	5.5	4.4	3.4	4.5	5.0	4.9	4.4	5.5	5.9	5.9	5.2	5.1	5.3	4.6	4.7	4.7	2.5	2.9	5.6	6.9	5.7	4.1	5.5	4.5	4.9	5.1	4.8	4.9
AV-1	4.0	5.3	4.7	3.9	5.1	4.7	5.1	4.2	5.1	5.8	6.0	4.6	5.0	5.4	4.5	4.7	4.9	2.3	2.8	3.5	6.7	5.7	5.7	5.3	4.7	4.8	5.0	5.0	4.8
* KENTUCKY-31 W/ENDO.	3.4	3.5	4.0	3.1	5.1	5.3	4.2	3.3	3.3	4.5	4.4	3.9	3.5	5.8	4.2	3.2	2.9	1.5	1.1	4.5	5.5	5.0	4.1	4.9	3.5	4.1	4.2	3.6	3.9
LSD VALUE	0.5	0.4	0.3	1.9	0.5	0.8	0.4	0.8	0.3	0.3	0.3	0.9	0.6	0.7	0.5	0.4	0.4	0.5	0.4	2.0	0.3	0.3	0.5	0.7	0.5	0.9	0.7	0.3	0.1
C.V. (%)	10.9	7.2	6.3	39.6	10.3	21.2	9.2	17.2	6.3	6.5	5.3	19.9	13.1	14.4	11.9	8.8	9.1	14.5	11.1	35.5	5.0	6.1	5.9	10.9	12.0	24.4	14.6	5.5	13.1

* COMMERCIALY AVAILABLE IN THE USA IN 2001.

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1/ 1997-2000 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
REMBRANDT (LTP-4026 E+)	6.1	6.6	6.7	6.5	6.4	6.3	6.3	6.1	6.4	6.6	6.5	6.6	6.3
PLANTATION (PENNINGTON-1901)	6.2	6.7	6.6	6.4	6.4	6.3	6.2	6.1	6.3	6.5	6.5	6.7	6.3
MILLENNIUM (TMI-RBR)	6.4	6.9	6.5	6.5	6.6	6.3	6.1	6.0	6.2	6.5	6.3	6.4	6.3
DYNASTY (PICK RT-95)	6.0	6.4	6.5	6.2	6.4	6.3	6.0	5.9	6.1	6.4	6.4	6.6	6.1
SHENANDOAH II (WRS2)	6.1	6.6	6.3	6.0	6.2	6.1	6.0	5.9	6.1	6.4	6.3	6.5	6.1
SCORPIO (ZPS-2PTF)	6.0	6.4	6.4	6.2	6.3	6.2	5.9	5.9	6.1	6.4	6.2	6.6	6.1
MASTERPIECE (LTP-SD-TF)	6.1	6.6	6.5	6.1	6.2	6.1	6.0	6.0	6.1	6.4	6.4	6.6	6.1
COYOTE	5.9	6.0	6.2	6.1	6.3	6.2	5.8	5.9	6.1	6.3	6.2	6.4	6.1
CROSSFIRE II	6.1	6.3	6.4	6.0	6.3	6.1	6.0	5.8	6.0	6.2	6.2	6.4	6.1
REBEL SENTRY (AA-A91)	5.9	6.3	6.3	6.3	6.2	6.1	5.9	5.8	6.0	6.1	5.9	6.1	6.0
WATCHDOG (PICK FA B-93)	5.6	5.9	6.3	6.1	6.1	6.1	5.9	5.8	6.0	6.2	6.1	6.2	6.0
JAGUAR 3	6.3	6.6	6.6	6.1	6.0	6.0	5.8	5.9	6.1	6.3	6.3	6.5	6.0
OLYMPIC GOLD (PST-5E5)	6.3	6.5	6.3	6.0	6.1	6.0	5.9	5.9	5.9	6.1	6.0	6.4	6.0
FALCON III (MB 212)	6.0	6.3	6.3	6.2	6.2	6.1	5.7	5.8	5.9	6.2	6.1	6.3	6.0
ARID 3 (J-98)	5.6	5.9	6.1	6.2	6.2	6.1	5.8	5.7	5.8	6.0	6.0	6.0	5.9
MB 29	5.8	5.9	6.3	6.2	6.2	6.1	5.7	5.7	5.8	6.1	5.9	6.0	5.9
DOMINION (PST-5M5)	5.9	6.1	6.2	6.1	6.2	6.1	5.8	5.8	5.9	6.2	6.0	6.2	5.9
TAR HEEL	5.9	6.4	6.1	5.8	6.0	6.0	5.9	5.8	5.9	6.2	6.1	6.4	5.9
GAZELLE	5.9	6.2	6.1	6.2	6.2	6.0	5.5	5.6	5.9	6.3	6.1	6.3	5.9
CJ9502T	6.0	6.2	6.3	5.9	6.0	6.0	5.8	5.6	5.8	6.2	6.1	6.3	5.9
SOUTHERN CHOICE	5.9	6.3	6.4	6.0	6.1	6.0	5.8	5.7	5.8	6.0	5.9	6.3	5.9
CJ9501T	5.8	6.3	6.3	6.0	6.0	6.0	5.7	5.7	5.8	6.2	6.0	6.3	5.9
QNCUE (PST-523)	6.1	6.5	6.4	6.0	6.0	5.9	5.8	5.7	5.8	6.1	6.1	6.3	5.9
MB 26	5.8	6.0	6.1	6.2	6.2	6.0	5.6	5.6	5.8	6.0	6.0	6.0	5.9
BRANDY (J-101)	5.7	6.1	6.1	6.0	6.1	5.9	5.6	5.6	5.9	6.1	6.0	6.2	5.9
MB 213	5.7	5.7	5.9	6.1	6.3	6.0	5.7	5.7	5.7	6.1	5.9	5.9	5.9
DURANA (MB 211)	5.9	6.0	6.2	6.0	6.1	5.9	5.7	5.7	5.8	6.0	6.0	6.0	5.9
MUSTANG II	6.0	6.5	6.2	5.8	5.9	5.9	5.8	5.7	5.8	6.1	6.2	6.3	5.9
WOLFPACK (PST-R5TK)	6.6	6.4	6.3	5.9	5.8	5.9	5.8	5.7	5.9	6.2	6.2	6.7	5.9
OFI-931	5.5	5.9	5.9	6.0	6.1	6.0	5.7	5.7	5.7	6.0	5.8	6.3	5.8
BONSAI 2000 (BULLET)	6.1	6.5	6.3	5.9	6.0	5.8	5.6	5.7	5.8	6.1	6.0	6.4	5.8
MB 28	5.5	5.8	6.0	6.0	6.2	6.0	5.7	5.7	5.7	5.8	5.7	6.0	5.8
BARLEXAS II (BAR FA 6LV)	6.0	6.2	6.3	6.1	6.2	6.0	5.5	5.5	5.7	6.0	5.9	6.3	5.8
BARRERA (BAR FA6 US3)	5.7	6.1	6.0	5.9	6.1	6.1	5.7	5.6	5.7	5.9	5.8	5.9	5.8
EMPRESS	5.8	6.2	6.0	5.8	5.9	5.9	5.6	5.7	5.8	6.1	5.9	6.3	5.8
MB 214	5.8	6.0	5.9	6.0	6.1	5.9	5.6	5.6	5.7	6.0	5.7	6.1	5.8
GENESIS	5.7	6.0	6.1	5.8	5.9	5.9	5.7	5.7	5.8	6.0	5.8	6.1	5.8
PIXIE E+	5.7	5.9	6.0	5.8	5.9	5.9	5.6	5.7	5.8	6.0	5.8	6.2	5.8
CORONADO	6.1	6.5	6.2	6.0	6.0	5.8	5.5	5.6	5.8	6.1	6.0	6.4	5.8
BAR FA 6D	5.9	6.4	6.0	6.1	6.0	6.0	5.6	5.4	5.7	6.0	5.9	6.2	5.8
BRAVO (RG-93)	5.9	6.4	5.9	5.7	5.9	5.8	5.7	5.7	5.8	6.1	6.0	6.5	5.8
RED COAT (ATF-038)	5.8	6.0	6.2	6.0	6.0	5.9	5.6	5.6	5.7	5.9	6.0	6.3	5.8
AIRLIE (MB 210)	5.9	6.2	6.0	5.8	6.0	5.9	5.7	5.7	5.7	6.0	5.8	6.1	5.8
MB 215	5.4	5.6	5.9	6.0	6.1	6.0	5.6	5.6	5.7	5.9	5.8	6.0	5.8

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
WILDFIRE (ATF-196)	5.6	6.0	5.8	5.9	6.0	5.9	5.6	5.6	5.8	6.1	6.1	6.2	5.8
R5AU	6.1	6.5	6.2	5.9	6.0	5.8	5.8	5.6	5.7	6.0	6.0	6.3	5.8
CHAPEL HILL (TA-7)	5.8	5.8	6.1	6.0	6.0	5.9	5.6	5.7	5.7	5.9	5.8	6.1	5.8
OFI-96-31	5.7	6.1	6.1	6.0	6.1	5.9	5.6	5.6	5.6	5.9	5.7	6.2	5.8
REBEL 2000 (AA-989)	6.0	6.4	5.9	6.0	6.0	5.8	5.7	5.6	5.8	6.0	5.8	6.0	5.8
BARRINGTON (BAR FA6D USA)	5.9	6.1	5.9	5.9	6.1	6.0	5.6	5.5	5.7	6.0	5.9	6.4	5.8
RESERVE (ATF-182)	6.0	6.3	6.2	5.8	5.9	5.8	5.6	5.6	5.7	6.1	6.1	6.5	5.8
APACHE II	5.8	6.3	6.3	6.0	6.0	5.8	5.6	5.7	5.6	5.9	5.9	6.2	5.8
MB 216	5.3	5.8	6.1	6.0	6.1	5.9	5.6	5.6	5.6	5.9	5.7	5.9	5.8
ZANZIBAR (ZPS-5LZ)	5.7	6.0	6.0	5.9	6.0	5.8	5.5	5.5	5.8	6.1	5.9	6.0	5.8
RENEGADE	5.6	6.0	6.1	5.7	5.9	5.9	5.7	5.5	5.7	5.9	5.7	6.4	5.8
TULSA	6.1	6.4	6.1	5.9	5.9	5.8	5.6	5.5	5.7	6.0	6.0	6.2	5.8
SR 8210	5.7	6.1	6.2	6.0	5.9	5.8	5.5	5.6	5.7	5.9	5.9	6.2	5.8
ANTHEM II (TMI-FMN)	6.0	6.4	6.1	5.8	5.8	5.8	5.6	5.6	5.7	6.0	6.0	6.2	5.8
BAR FA6 US2U	5.5	6.0	5.9	5.9	6.0	5.8	5.6	5.6	5.7	5.9	5.7	6.0	5.8
WYATT (ATF-188)	5.7	6.2	6.0	5.9	5.9	5.8	5.5	5.5	5.7	6.0	6.0	6.2	5.8
ISI-TF11	5.7	6.0	6.0	5.9	5.8	5.7	5.6	5.6	5.7	6.0	5.8	6.3	5.8
AZTEC II (TMI-AZ)	5.8	6.2	6.2	5.9	5.9	5.7	5.5	5.5	5.7	5.9	5.8	6.3	5.7
ATF-257	5.7	5.9	5.9	5.8	5.8	5.8	5.8	5.6	5.7	6.0	6.0	6.2	5.7
SR 8500 (SRX 8500)	5.5	5.8	6.0	5.9	6.0	5.8	5.5	5.5	5.7	5.8	5.8	5.9	5.7
SUNPRO	5.6	6.1	5.9	5.9	6.0	5.8	5.6	5.5	5.6	5.9	5.7	5.9	5.7
SHENANDOAH	5.5	6.1	6.2	5.6	5.7	5.7	5.6	5.6	5.7	5.9	5.9	6.1	5.7
SAFARI	5.8	6.0	6.0	5.6	5.7	5.7	5.6	5.6	5.7	6.0	5.9	6.3	5.7
DUSTER	5.6	5.9	6.0	5.8	6.0	5.8	5.5	5.5	5.6	5.9	5.7	6.1	5.7
ISI-TF9	5.9	6.2	6.1	5.8	5.8	5.7	5.6	5.6	5.7	6.0	5.8	6.2	5.7
ARID II (J-3)	5.5	5.8	6.1	5.9	6.0	5.8	5.5	5.5	5.6	5.8	5.8	6.0	5.7
TRACER (BAR FA6 US1)	5.5	6.0	6.0	5.9	6.0	6.0	5.5	5.4	5.6	5.8	5.8	5.9	5.7
PICK FA 20-92	5.8	6.0	5.9	5.8	6.1	5.9	5.6	5.5	5.6	5.8	5.6	5.8	5.7
REGIMENT	5.8	6.0	6.0	5.7	5.9	5.8	5.5	5.5	5.6	5.9	6.0	6.3	5.7
PICK FA XK-95	5.8	6.1	5.9	5.8	6.0	5.8	5.5	5.5	5.6	5.9	5.9	6.1	5.7
PST-5TO	5.8	6.2	6.1	5.7	5.8	5.7	5.6	5.6	5.7	6.0	6.0	6.1	5.7
ALAMO E	5.7	6.0	6.0	6.0	5.9	5.8	5.4	5.4	5.6	6.0	5.9	6.1	5.7
OFI-951	5.4	5.7	5.9	5.9	6.0	5.8	5.4	5.4	5.6	6.0	5.8	5.8	5.7
BANDANA (PST-R5AE)	6.0	6.3	6.2	5.8	5.8	5.7	5.5	5.5	5.7	6.0	5.8	6.2	5.7
BULLDAWG (PICK GA-96)	5.7	6.1	6.0	5.8	5.9	5.7	5.5	5.4	5.6	5.9	5.7	6.0	5.7
TF 66 (BAR FA6 US6F)	5.5	5.8	6.0	5.7	5.9	5.9	5.5	5.5	5.6	5.9	5.8	6.2	5.7
FALCON II	5.9	6.0	6.1	5.8	5.8	5.7	5.5	5.5	5.6	5.8	5.8	6.4	5.7
CORONADO GOLD (PST-5RT)	6.1	6.2	6.0	5.7	5.8	5.7	5.5	5.6	5.7	5.9	5.9	6.2	5.7
TWILIGHT II (TMI-TW)	5.8	5.8	5.9	5.8	5.9	5.7	5.5	5.5	5.6	5.8	5.9	6.2	5.7
OFI-FWY	5.4	5.8	5.8	5.8	5.8	5.8	5.5	5.4	5.6	5.8	5.8	6.0	5.7
LION	5.5	5.7	5.7	5.7	5.9	5.8	5.5	5.6	5.6	5.8	5.7	5.8	5.6
ATF-253	5.7	5.8	5.8	5.8	5.7	5.7	5.5	5.4	5.6	5.9	5.9	6.2	5.6
VELOCITY (AA-983)	5.4	5.6	5.8	5.8	5.8	5.7	5.5	5.5	5.6	5.8	5.7	6.0	5.6
PRO 8430	5.9	6.1	5.9	5.6	5.7	5.6	5.5	5.5	5.6	5.9	5.8	6.3	5.6
ARABIA (J-5)	5.5	5.7	5.7	5.8	5.9	5.8	5.4	5.3	5.5	5.8	5.6	5.9	5.6

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ISI-TF10	5.6	6.0	5.8	5.7	5.8	5.7	5.5	5.4	5.5	5.7	5.7	6.1	5.6
WX3-275	5.6	5.9	5.7	5.7	5.9	5.7	5.5	5.4	5.5	5.7	5.6	6.0	5.6
MARKSMAN	5.6	5.8	6.1	5.7	5.6	5.7	5.4	5.4	5.6	5.7	5.6	6.0	5.6
FINELAWN PETITE	5.8	6.1	5.9	5.6	5.7	5.6	5.5	5.4	5.6	5.8	5.7	6.1	5.6
TOMAHAWK-E	5.9	5.8	5.7	5.8	5.8	5.7	5.4	5.3	5.5	5.8	5.6	6.0	5.6
COCHISE II	5.8	6.2	6.0	5.7	5.7	5.6	5.4	5.4	5.6	5.8	5.7	6.2	5.6
ARIZONA (PICK FA 6-91)	5.2	5.6	5.7	5.8	5.9	5.8	5.5	5.4	5.4	5.7	5.5	5.8	5.6
EA 41	5.3	5.7	5.5	5.7	5.7	5.7	5.4	5.5	5.6	5.9	5.7	6.0	5.6
ATF-022	5.3	5.5	5.8	5.8	5.8	5.6	5.5	5.4	5.5	5.7	5.7	6.1	5.6
PICK FA 15-92	5.5	5.8	5.8	5.7	5.8	5.6	5.3	5.3	5.5	5.9	5.7	5.8	5.6
PICK FA N-93	5.2	5.4	5.5	5.7	5.9	5.8	5.5	5.4	5.4	5.8	5.5	5.5	5.6
OFI-96-32	5.8	6.1	5.8	5.7	5.7	5.7	5.5	5.4	5.4	5.7	5.6	6.1	5.6
GLEN EAGLE (EC-101)	5.6	5.9	6.0	5.6	5.8	5.6	5.4	5.4	5.4	5.8	5.6	6.2	5.6
ATF-020	5.4	5.7	5.9	5.7	5.7	5.6	5.4	5.4	5.5	5.7	5.6	6.0	5.5
LEPRECHAUN	5.7	6.2	5.9	5.7	5.7	5.6	5.4	5.3	5.5	5.7	5.5	6.1	5.5
PSII-TF-9	5.4	5.7	5.8	5.6	5.7	5.6	5.4	5.3	5.4	5.7	5.6	6.1	5.5
TITAN 2	5.6	5.9	5.9	5.6	5.5	5.5	5.5	5.3	5.4	5.6	5.6	6.0	5.5
GOOD-EN (KOOS 96-14)	5.1	5.5	5.8	5.6	5.8	5.6	5.4	5.3	5.4	5.6	5.4	5.6	5.5
PEDESTAL (PC-AO)	5.6	5.8	5.9	5.6	5.6	5.6	5.4	5.3	5.5	5.6	5.5	6.0	5.5
SHORTSTOP II	5.3	5.6	5.6	5.7	5.8	5.7	5.3	5.2	5.3	5.6	5.3	5.7	5.5
WVPB-1B	5.8	5.8	5.8	5.5	5.6	5.6	5.4	5.3	5.4	5.7	5.6	6.1	5.5
SRX 8084	5.5	6.0	5.8	5.5	5.5	5.6	5.4	5.4	5.5	5.7	5.5	6.1	5.5
HELIX (WVPB-1D)	5.5	5.9	6.0	5.6	5.6	5.5	5.4	5.3	5.4	5.6	5.5	6.0	5.5
COMSTOCK (SSDE31)	5.7	5.8	5.9	5.6	5.5	5.5	5.4	5.3	5.4	5.6	5.8	6.1	5.5
WPEZE (WVPB-1C)	5.3	5.6	5.8	5.5	5.6	5.5	5.3	5.3	5.3	5.5	5.5	5.9	5.5
KITTY HAWK S.S.T. (SS45DW)	5.7	5.9	5.7	5.5	5.5	5.5	5.2	5.3	5.4	5.6	5.6	6.1	5.4
EQUINOX (TMI-N91)	5.9	6.2	5.8	5.5	5.5	5.4	5.3	5.3	5.3	5.6	5.5	6.1	5.4
PSII-TF-10	5.5	5.7	5.8	5.6	5.6	5.5	5.3	5.2	5.3	5.5	5.4	5.8	5.4
DP 50-9011	5.8	6.2	5.8	5.4	5.5	5.4	5.1	5.2	5.4	5.7	5.5	6.0	5.4
AXIOM (ATF-192)	5.7	5.6	5.6	5.3	5.5	5.4	5.2	5.2	5.4	5.6	5.6	6.1	5.4
BONSAI	5.5	5.5	5.5	5.4	5.4	5.4	5.1	5.2	5.3	5.5	5.4	5.9	5.3
JTTFC-96	5.7	5.8	5.9	5.2	5.3	5.4	5.3	5.2	5.3	5.5	5.4	6.1	5.3
JSC-1	5.2	5.7	5.6	5.3	5.4	5.3	5.2	5.2	5.2	5.4	5.3	5.8	5.3
PICK FA UT-93	4.9	5.3	5.4	5.3	5.5	5.5	5.1	5.0	5.2	5.4	5.2	5.4	5.3
JTTFA-96	5.7	5.8	5.4	4.8	5.0	5.1	5.0	5.1	5.2	5.5	5.6	6.2	5.2
DLF-1	5.5	5.4	5.5	5.0	5.0	5.0	4.9	5.0	5.0	5.3	5.3	5.8	5.1
ARID	5.5	5.6	5.5	4.7	4.9	5.0	5.0	4.9	5.0	5.3	5.2	5.8	5.0
DP 7952	4.6	4.9	5.0	4.6	4.7	4.9	4.8	4.8	4.9	5.0	5.0	5.4	4.9
AV-1	5.1	5.0	5.1	4.7	4.8	4.8	4.7	4.6	4.8	5.0	4.9	5.7	4.8
KENTUCKY-31 W/ENDO.	3.9	4.4	4.5	3.7	3.8	3.7	3.8	3.8	3.8	3.8	3.8	4.3	3.9
LSD VALUE	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2
C.V. (%)	17.3	15.0	21.7	24.3	24.9	23.0	24.0	25.1	24.9	22.6	21.7	15.6	18.8

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

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

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1/
1997-2000 DATA

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

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
REMBRANDT (LTP-4026 E+)	1.0	20.0	6.0	24.0	6	15.0	1.0	1	2.0	4.0	1.0	2.0	9.0	8.0	2.0	8.0
PLANTATION (PENNINGTON-1901)	4.0	1.0	5.0	72.5	3	10.0	19.0	25	16.5	6.5	4.0	7.0	10.0	2.0	1.0	3.0
MILLENNIUM (TMI-RBR)	10.0	9.0	4.0	23.0	10	7.0	2.0	4	3.0	3.0	2.0	12.5	1.0	39.5	13.0	38.0
DYNASTY (PICK RT-95)	6.0	14.0	2.0	14.0	7	75.0	14.0	2	9.5	52.0	7.0	63.0	8.0	20.0	15.0	2.0
SHENANDOAH II (WRS2)	5.0	6.0	14.0	4.5	23	43.0	10.0	5	33.5	24.5	20.5	17.0	41.0	88.0	4.0	4.5
MASTERPIECE (LTP-SD-TF)	14.0	3.0	46.5	112.0	1	27.5	5.0	10	1.0	2.0	3.0	14.0	51.0	83.0	27.0	12.5
SCORPIO (ZPS-2PTF)	8.0	17.0	3.0	114.0	14	26.0	4.0	3	11.5	17.0	13.5	15.0	44.5	60.0	3.0	18.5
CROSSFIRE II	28.0	2.0	18.0	34.0	12	5.0	11.5	15	9.5	22.0	37.5	83.0	17.0	74.5	6.0	27.0
COYOTE	26.0	36.0	57.5	65.5	44	35.5	20.5	23	20.5	98.0	18.0	19.0	3.0	69.0	5.0	14.0
REBEL SENTRY (AA-A91)	60.0	23.0	62.0	83.5	17	11.0	6.5	19	56.0	46.0	27.5	3.0	52.5	76.0	12.0	10.5
WATCHDOG (PICK FA B-93)	9.0	64.0	23.0	46.0	58	13.5	31.0	29	4.5	85.0	16.0	24.0	2.0	49.0	60.0	57.0
ARID 3 (J-98)	22.0	53.0	48.0	39.0	49	102.0	70.0	42	19.0	18.0	25.0	8.0	64.0	102.5	110.0	7.0
JAGUAR 3	3.0	4.0	10.0	72.5	4	37.0	38.5	6	11.5	16.0	12.0	47.0	48.0	86.0	91.0	31.0
OLYMPIC GOLD (PST-5E5)	12.0	21.0	9.0	16.5	8	81.0	43.0	45	50.0	6.5	9.0	22.0	20.0	31.0	29.0	20.5
BRANDY (J-101)	62.0	15.0	26.0	94.0	87	20.0	75.5	31	56.0	72.0	43.5	96.0	38.0	19.0	64.0	22.0
FALCON III (MB 212)	24.0	18.0	80.0	58.5	22	29.0	32.0	7	50.0	20.0	6.0	103.0	7.0	14.0	28.0	44.0
CU9502T	74.0	5.0	91.0	25.0	67	93.0	22.0	55	20.5	29.0	10.0	1.0	23.0	59.0	25.0	60.0
MB 29	2.0	76.0	60.0	72.5	43	75.0	62.5	66	45.0	46.0	5.0	52.0	33.0	22.0	10.0	9.0
CU9501T	84.0	26.0	36.0	63.5	42	23.0	88.5	33	53.0	24.5	27.5	4.0	46.0	67.0	95.0	55.0
MUSTANG II	21.0	44.0	79.0	8.5	13	40.5	28.5	8	23.5	12.0	66.5	59.0	26.0	4.0	72.0	66.0
TAR HEEL	30.0	24.0	8.0	76.5	21	38.5	11.5	40	53.0	33.0	23.0	40.0	60.0	65.5	20.0	31.0
ONCUE (PST-523)	20.0	22.0	43.0	34.0	15	21.5	8.0	27	22.0	52.0	45.5	23.0	103.0	50.0	32.0	72.5
SOUTHERN CHOICE	37.0	41.0	21.0	43.0	27	66.0	34.0	24	47.5	11.0	78.0	18.0	30.0	5.0	39.0	78.0
MB 26	23.0	11.0	22.0	31.0	120	117.0	57.5	50	50.0	92.5	26.0	85.0	12.0	90.0	31.0	16.0
GAZELLE	67.0	13.0	32.0	94.0	76	30.0	62.5	14	4.5	81.0	18.0	65.0	34.0	119.0	68.0	15.0
DURANA (MB 211)	17.0	63.0	70.0	39.0	64	119.0	67.5	22	64.5	29.0	11.0	100.0	6.0	15.0	9.0	24.0
MB 213	11.0	79.0	75.0	7.0	79	63.0	40.0	52	53.0	5.0	22.0	114.0	28.0	29.0	35.0	12.5
DOMINION (PST-5M5)	40.0	87.0	28.0	72.5	26	38.5	49.0	13	26.5	9.5	24.0	26.0	18.0	13.0	18.0	6.0
MB 28	47.0	104.0	82.0	68.5	46	43.0	94.0	51	90.5	15.0	55.0	44.0	54.0	11.0	23.0	28.5
OFI-931	50.0	95.0	71.0	83.5	32	91.0	37.0	49	18.0	24.5	31.5	43.0	25.0	68.0	70.0	31.0
BARLEXAS II (BAR FA 6LV)	49.0	27.0	7.0	8.5	24	114.5	101.0	65	33.5	37.5	18.0	79.0	4.0	115.0	55.0	72.5
BARRERA (BAR FA6 US3)	58.0	58.0	59.0	32.0	113	105.0	49.0	70	15.0	77.5	8.0	84.0	69.0	106.0	37.0	17.0
BONSAI 2000 (BULLET)	109.0	8.0	11.0	20.0	52	24.0	13.0	17	30.0	13.0	43.5	36.0	47.0	80.0	101.0	78.0
RED COAT (ATF-038)	7.0	33.0	24.0	6.0	72	54.5	121.0	37	37.5	102.0	51.5	64.0	82.0	57.0	112.0	64.0
WOLFPACK (PST-R5TK)	78.0	46.0	1.0	116.5	2	8.0	9.0	32	26.5	29.0	40.5	12.5	100.0	55.0	56.0	52.5
REBEL 2000 (AA-989)	13.0	86.0	73.0	101.5	28	61.0	108.5	89	89.0	57.5	65.0	50.5	14.0	122.0	103.0	28.5
PIXIE E+	90.0	80.0	88.0	36.0	61	6.0	65.5	26	60.5	85.0	94.5	9.0	67.0	18.0	30.0	47.0
GENESIS	55.5	102.0	76.0	56.5	37	34.0	42.0	44	45.0	41.0	34.0	20.0	72.0	102.5	51.0	88.0
MB 214	33.0	82.0	63.0	26.0	96	100.5	28.5	71	92.5	37.5	33.0	31.0	52.5	96.0	71.0	36.5
OFI-96-31	75.0	69.0	50.0	43.0	95	70.0	83.5	98	23.5	24.5	80.5	105.0	42.0	45.0	47.0	50.0
BAR FA 6D	55.5	50.0	29.0	68.5	66	114.5	87.0	81	6.5	9.5	35.0	32.0	59.0	99.0	14.0	85.5
CHAPEL HILL (TA-7)	82.0	122.0	72.0	105.0	38	62.0	70.0	60	73.5	57.5	20.5	41.0	27.0	9.0	17.0	91.0
BRAVO (RG-93)	85.0	54.5	64.0	27.5	19	32.0	49.0	38	33.5	14.0	45.5	61.0	40.0	84.0	59.0	59.0
WILDFIRE (ATF-196)	45.0	30.5	13.0	121.0	73	84.0	112.0	9	45.0	118.0	110.0	56.0	104.0	120.0	40.0	40.5
EMPRESS	71.0	19.0	87.0	39.0	33	56.5	6.5	72	16.5	33.0	42.0	28.0	63.0	101.0	36.0	18.5

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
RESERVE (ATF-182)	32.0	83.0	51.0	125.5	9	123.0	56.0	11	56.0	59.5	75.0	29.0	39.0	58.0	115.0	101.0
MB 215	44.0	118.0	85.0	10.5	62	84.0	98.5	67	95.0	42.0	69.0	53.0	16.0	24.0	21.0	23.0
AIRLIE (MB 210)	86.0	67.0	55.0	86.0	81	96.5	78.0	39	76.0	1.0	40.5	27.0	13.0	46.5	26.0	75.0
RENEGADE	77.0	90.0	46.5	15.0	51	9.0	59.5	47	97.5	68.5	73.5	6.0	49.0	61.0	33.5	85.5
ARID II (J-3)	102.0	78.0	37.0	1.0	91	111.0	105.0	57	92.5	72.0	76.5	101.0	91.0	42.0	118.0	52.5
APACHE II	27.0	52.0	38.0	34.0	39	64.0	23.5	91	64.5	63.5	39.0	48.0	15.0	110.0	80.0	82.0
WYATT (ATF-188)	101.0	25.0	52.0	13.0	50	89.0	35.0	54	6.5	92.5	66.5	46.0	56.0	36.0	109.0	89.0
MB 216	36.0	116.0	93.0	78.5	53	19.0	96.0	100	101.5	90.0	59.0	62.0	24.0	6.0	22.0	4.5
R5AU	31.0	29.0	33.0	54.5	11	88.0	38.5	12	47.5	37.5	69.0	37.0	11.0	94.0	8.0	45.0
CORONADO	79.5	28.0	20.0	98.0	20	27.5	49.0	68	79.0	59.5	55.0	118.0	36.0	123.0	7.0	36.5
BAR FA6 US2U	35.0	88.0	35.0	78.5	107	100.5	98.5	106	36.0	63.5	29.5	86.0	35.0	98.0	52.0	57.0
BARRINGTON (BAR FA6D USA)	116.0	40.0	44.0	56.5	31	107.0	80.0	74	13.5	43.5	13.5	54.0	32.0	62.0	92.0	33.0
AZTEC II (TMI-AZ)	120.0	12.0	30.0	46.0	65	18.0	59.5	58	30.0	33.0	64.0	123.0	105.0	17.0	46.0	68.0
SR 8210	52.0	45.0	17.0	46.0	93	45.5	36.0	85	8.0	68.5	61.0	104.0	65.0	56.0	96.0	25.5
ANTHEM II (TMI-FMN)	95.0	16.0	53.0	116.5	68	32.0	75.5	34	101.5	20.0	49.0	112.0	94.0	10.0	93.0	91.0
TULSA	69.0	10.0	40.0	80.5	25	47.0	28.5	20	39.5	74.0	80.5	55.0	85.0	32.0	65.0	71.0
ZANZIBAR (ZPS-5LZ)	15.0	32.0	19.0	18.5	112	58.0	81.5	63	70.0	104.0	31.5	87.5	78.0	118.0	111.0	10.5
SHENANDOAH	41.0	115.0	109.0	3.0	40	4.0	25.0	46	78.0	72.0	80.5	11.0	99.0	3.0	98.0	106.0
DUSTER	83.0	62.0	25.0	94.0	101	17.0	45.5	56	42.0	63.5	83.0	21.0	86.0	107.0	69.0	68.0
SR 8500 (SRX 8500)	61.0	35.0	56.0	108.5	118	79.0	52.0	87	39.5	95.0	36.0	91.0	29.0	97.0	24.0	94.0
ISI-TF11	64.0	85.0	83.0	114.0	47	2.0	15.0	43	99.5	52.0	55.0	25.0	102.0	41.0	43.0	62.5
SAFARI	68.0	89.0	108.0	10.5	41	12.0	3.0	53	87.5	37.5	89.0	16.0	57.5	1.0	45.0	102.0
SUNPRO	16.0	65.0	27.0	2.0	116	96.5	54.0	121	33.5	119.0	59.0	82.0	31.0	109.0	83.0	75.0
ATF-257	19.0	49.0	69.0	61.5	30	59.5	17.5	18	84.0	52.0	55.0	38.0	57.5	77.0	105.0	98.5
TRACER (BAR FA6 US1)	42.0	60.0	57.5	29.5	106	126.0	122.0	101	13.5	85.0	15.0	95.0	71.0	125.0	58.0	50.0
REGIMENT	79.5	37.0	107.0	12.0	97	13.5	62.5	41	59.0	116.0	116.5	30.0	83.0	52.0	42.0	82.0
ISI-TF9	70.0	51.0	86.0	80.5	86	70.0	33.0	36	95.0	77.5	37.5	71.0	76.0	16.0	75.0	78.0
PICK FA 20-92	103.0	30.5	31.0	124.0	111	116.0	94.0	90	26.5	113.5	80.5	75.0	5.0	124.0	41.0	42.5
PICK FA XK-95	18.0	34.0	41.0	72.5	102	98.0	44.0	108	64.5	90.0	76.5	126.0	109.0	81.0	33.5	47.0
OFI-951	65.0	47.0	39.0	107.0	104	106.0	73.0	111	42.0	95.0	59.0	81.0	110.0	87.0	77.0	20.5
BULLDAWG (PICK GA-96)	54.0	54.5	95.0	88.0	80	113.0	70.0	109	30.0	111.5	47.5	60.0	43.0	126.0	100.0	65.0
ALAMO E	39.0	74.0	34.0	111.0	55	43.0	26.0	59	95.0	105.5	92.5	57.0	124.0	21.0	63.0	82.0
BANDANA (PST-R5AE)	92.0	7.0	12.0	98.0	74	49.0	54.0	35	76.0	37.5	84.5	33.0	119.0	53.0	54.0	62.5
PST-5TO	53.0	43.0	45.0	108.5	16	125.0	67.5	80	64.5	20.0	47.5	58.0	107.0	82.0	16.0	25.5
TWILIGHT II (TMI-TW)	97.0	42.0	74.0	61.5	57	53.0	113.0	61	114.5	43.5	98.0	69.0	115.0	72.0	49.0	40.5
TF 66 (BAR FA6 US6F)	57.0	56.0	61.0	29.5	92	73.0	73.0	103	71.5	63.5	55.0	49.0	74.0	105.0	19.0	39.0
FALCON II	104.0	99.0	90.0	101.5	36	52.0	28.5	99	71.5	8.0	86.5	5.0	87.0	43.0	62.0	100.0
VELOCITY (AA-983)	51.0	107.0	96.0	54.5	59	128.0	117.0	64	76.0	52.0	84.5	97.0	21.0	95.0	81.0	35.0
ARABIA (J-5)	66.0	59.0	15.0	21.0	119	122.0	119.0	92	42.0	123.0	50.0	117.0	96.5	100.0	119.0	57.0
CORONADO GOLD (PST-5RT)	34.0	84.0	16.0	63.5	5	67.0	20.5	114	68.5	63.5	73.5	122.0	84.0	27.0	48.0	68.0
WX3-275	81.0	68.0	99.0	98.0	18	45.5	79.0	73	80.5	98.0	51.5	121.0	68.0	63.0	86.0	97.0
PICK FA 15-92	72.0	38.0	81.0	16.5	109	112.0	85.5	82	68.5	108.5	102.5	128.0	114.0	89.0	116.0	47.0
LION	38.0	96.0	42.0	110.0	123	72.0	49.0	48	117.5	77.5	104.5	68.0	89.0	54.0	50.0	54.0
ISI-TF10	43.0	110.0	49.0	60.0	88	110.0	108.5	113	84.0	68.5	71.5	115.0	66.0	35.0	38.0	85.5
COCHISE II	25.0	48.0	94.0	51.5	82	103.0	73.0	75	73.5	108.5	119.0	78.0	81.0	74.5	79.0	95.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
PRO 8430	96.0	81.0	67.0	72.5	54	32.0	17.5	28	64.5	52.0	116.5	93.0	88.0	92.0	84.0	118.0
OFI-FWY	29.0	75.0	106.0	105.0	105	68.0	88.5	107	26.5	85.0	62.5	67.0	96.5	121.0	44.0	85.5
TOMAHAWK-E	113.0	91.0	78.0	83.5	90	121.0	23.5	94	87.5	85.0	94.5	73.0	19.0	104.0	114.0	50.0
ATF-253	89.0	57.0	89.0	39.0	45	25.0	77.0	16	108.5	29.0	92.5	90.0	55.0	111.0	74.0	93.0
FINELAWN PETITE	117.0	101.0	84.0	122.5	34	35.5	100.0	95	97.5	77.5	86.5	66.0	79.0	91.0	99.0	96.0
ARIZONA (PICK FA 6-91)	73.0	66.0	104.0	65.5	108	124.0	104.0	78	60.5	77.5	104.5	89.0	44.5	108.0	57.0	42.5
MARKSMAN	63.0	119.0	110.0	53.0	63	21.5	41.0	77	110.0	52.0	115.0	119.0	22.0	26.0	78.0	119.0
ATF-022	46.0	94.0	113.0	105.0	70	90.0	116.0	21	112.5	85.0	107.0	94.0	50.0	113.0	120.0	113.0
EA 41	48.0	73.0	66.0	39.0	124	80.0	85.5	117	90.5	121.0	88.0	70.0	80.0	73.0	11.0	34.0
SHORTSTOP II	108.0	39.0	65.0	118.5	126	93.0	102.0	116	84.0	121.0	107.0	92.0	122.0	127.0	85.0	70.0
OFI-96-32	88.0	97.0	117.0	48.0	48	75.0	57.5	62	116.0	37.5	100.0	98.5	101.0	71.0	66.0	111.5
GLEN EAGLE (EC-101)	107.0	93.0	98.0	101.5	77	84.0	94.0	93	64.5	29.0	62.5	113.0	98.0	23.0	76.0	80.0
ATF-020	59.0	92.0	102.0	94.0	103	118.0	119.0	30	112.5	77.5	69.0	72.0	62.0	114.0	126.0	91.0
TITAN 2	93.0	124.0	121.0	27.5	56	1.0	16.0	69	114.5	46.0	121.0	10.0	106.0	33.5	82.0	122.0
PSII-TF-9	94.0	111.0	115.0	58.5	83	59.5	91.5	76	105.0	111.5	107.0	35.0	108.0	37.0	90.0	111.5
PICK FA N-93	115.0	72.0	54.0	125.5	125	127.0	119.0	83	37.5	121.0	71.5	111.0	70.0	128.0	67.0	1.0
LEPRECHAUN	100.0	98.0	68.0	90.5	29	50.0	65.5	118	99.5	108.5	118.0	39.0	37.0	112.0	89.0	110.0
PEDESTAL (PC-AO)	118.0	100.0	112.0	118.5	99	84.0	115.0	84	84.0	52.0	29.5	98.5	117.0	39.5	106.0	75.0
GOOD-EN (KOOS 96-14)	98.0	117.0	123.0	120.0	117	108.0	91.5	102	123.0	85.0	113.0	50.5	61.0	46.5	88.0	108.5
WVPB-1B	91.0	112.0	114.0	51.5	71	95.0	103.0	79	84.0	63.5	98.0	76.0	92.0	116.0	61.0	104.0
SRX 8084	112.0	61.0	97.0	4.5	85	56.5	54.0	86	111.0	108.5	90.0	106.0	95.0	38.0	102.0	114.5
WPEZE (WVPB-1C)	111.0	121.0	125.0	83.5	75	48.0	90.0	112	117.5	102.0	96.0	42.0	111.0	65.5	113.0	116.5
COMSTOCK (SSDE31)	87.0	113.0	111.0	22.0	89	109.0	83.5	110	107.0	68.5	91.0	87.5	75.0	33.5	87.0	107.0
HELIX (WVPB-1D)	76.0	103.0	116.0	49.5	35	51.0	81.5	120	119.5	102.0	102.5	107.0	120.0	51.0	94.0	108.5
KITTY HAWK S.S.T. (SS45DW)	122.0	106.0	100.0	94.0	94	87.0	45.5	88	103.5	52.0	101.0	116.0	112.0	48.0	123.0	98.5
EQUINOX (TMI-N91)	119.0	70.0	101.0	76.5	60	99.0	62.5	119	122.0	113.5	120.0	102.0	90.0	44.0	73.0	121.0
DP 50-9011	106.0	77.0	77.0	49.5	115	120.0	123.0	115	58.0	115.0	113.0	108.0	93.0	78.0	97.0	114.5
PSII-TF-10	114.0	105.0	118.0	122.5	114	93.0	106.0	97	121.0	100.0	98.0	110.0	113.0	79.0	104.0	104.0
AXIOM (ATF-192)	110.0	109.0	92.0	90.5	84	54.5	107.0	96	124.0	95.0	123.0	74.0	77.0	117.0	107.5	120.0
BONSAI	123.0	114.0	103.0	18.5	128	104.0	97.0	104	103.5	117.0	122.0	120.0	123.0	25.0	107.5	116.5
JSC-1	126.0	123.0	120.0	101.5	110	84.0	111.0	125	119.5	90.0	109.0	109.0	116.0	93.0	125.0	104.0
PICK FA UT-93	99.0	71.0	105.0	114.0	127	129.0	128.0	127	80.5	127.0	113.0	127.0	73.0	129.0	124.0	61.0
JTTFC-96	105.0	108.0	119.0	67.0	69	70.0	114.0	105	108.5	105.5	111.0	80.0	118.0	30.0	53.0	124.0
JTTFA-96	121.0	120.0	122.0	43.0	98	77.5	110.0	123	106.0	128.0	125.0	34.0	121.0	28.0	128.0	125.0
DLF-1	124.0	125.0	127.0	88.0	100	65.0	125.0	124	126.0	98.0	124.0	124.0	126.0	70.0	117.0	123.0
ARID	125.0	126.0	124.0	128.0	78	3.0	126.0	122	127.0	126.0	126.0	45.0	128.0	7.0	122.0	127.5
DP 7952	127.0	127.0	128.0	127.0	129	40.5	127.0	126	125.0	124.0	128.0	77.0	125.0	85.0	121.0	126.0
AV-1	128.0	128.0	126.0	88.0	121	77.5	124.0	128	128.0	125.0	127.0	125.0	127.0	64.0	127.0	127.5
KENTUCKY-31 W/ENDO.	129.0	129.0	129.0	129.0	122	16.0	129.0	129	129.0	129.0	129.0	129.0	129.0	12.0	129.0	129.0

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 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S. 1/
1997-2000 DATA

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

NAME	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
REMBRANDT (LTP-4026 E+)	2.0	3.0	1.0	81.5	7.0	2.0	17.0	1.0	6	5.0	11.0	22.0	1
PLANTATION (PENNINGTON-1901)	1.0	2.0	2.0	8.5	18.0	3.0	12.5	11.0	4	3.0	32.0	14.5	2
MILLENNIUM (TMI-RBR)	25.0	1.0	3.0	1.0	8.0	6.0	22.5	22.5	41	33.0	7.0	21.0	3
DYNASTY (PICK RT-95)	10.0	11.0	4.0	83.0	11.0	56.5	98.0	111.5	13	26.0	1.0	33.0	4
SHENANDOAH II (WRS2)	17.0	12.0	12.0	15.0	12.0	12.0	98.0	71.5	55	6.0	2.0	17.0	5
MASTERPIECE (LTP-SD-TF)	18.0	4.0	11.0	61.5	22.0	38.0	58.0	60.0	71	46.0	3.0	18.0	6
SCORPIO (ZPS-2PTF)	38.0	6.0	6.0	59.0	4.0	52.0	124.0	94.0	3	68.0	9.0	4.0	7
CROSSFIRE II	4.0	5.0	14.0	5.0	68.0	20.0	68.0	94.0	89	44.0	29.0	38.0	8
COYOTE	20.0	9.0	7.0	110.0	3.0	39.0	49.0	87.5	17	11.0	10.0	14.5	9
REBEL SENTRY (AA-A91)	6.0	32.0	9.0	93.0	5.0	25.0	9.5	26.0	46	54.0	46.0	29.0	10
WATCHDOG (PICK FA B-93)	44.0	19.0	8.0	107.5	13.0	23.0	30.0	44.5	7	72.0	4.0	39.0	11
ARID 3 (J-98)	5.0	10.0	29.0	3.0	26.0	53.0	3.0	16.0	12	114.0	24.0	61.0	12
JAGUAR 3	12.0	31.0	26.5	31.0	27.0	49.0	91.0	111.5	84	40.0	8.0	74.0	13
OLYMPIC GOLD (PST-5E5)	67.0	37.5	20.0	26.5	47.0	33.0	76.5	111.5	66	39.0	19.0	25.0	14
BRANDY (J-101)	34.0	15.0	59.0	26.5	25.0	64.0	1.0	16.0	95	81.0	12.0	46.0	15
FALCON III (MB 212)	24.0	21.0	41.0	120.0	34.0	34.0	34.5	28.0	43	32.0	15.0	31.0	16
CU9502T	7.0	35.0	74.0	31.0	31.0	56.5	22.5	44.5	76	4.0	13.0	54.0	17
MB 29	48.0	36.0	33.0	54.0	40.0	11.0	86.0	7.5	83	50.0	30.0	1.0	18
CU9501T	3.0	39.0	24.0	84.5	54.0	43.5	17.0	3.0	62	41.0	49.0	30.0	19
MUSTANG II	52.0	84.0	58.0	36.5	89.0	45.0	34.5	4.0	85	112.0	6.0	107.0	20
TAR HEEL	83.0	14.0	16.0	91.0	56.0	74.0	64.0	39.0	32	10.0	28.0	66.5	21
ONCUE (PST-523)	28.5	49.0	21.0	79.0	60.0	36.0	27.0	80.5	36	58.0	14.0	89.0	22
SOUTHERN CHOICE	15.0	75.0	31.0	25.0	77.0	60.0	91.0	104.5	31	17.0	61.0	60.0	23
MB 26	21.0	18.0	25.0	13.0	2.0	8.0	104.0	9.5	113	86.0	59.0	9.0	24
GAZELLE	14.0	8.0	5.0	117.0	6.0	91.5	58.0	94.0	57	63.0	16.0	51.0	25
DURANA (MB 211)	39.0	51.5	61.0	89.5	42.0	5.0	22.5	29.0	45	70.0	82.5	42.0	26
MB 213	58.0	13.0	62.0	41.0	16.0	27.0	117.5	41.0	34	94.0	102.0	12.0	27
DOMINION (PST-5M5)	16.0	72.5	32.0	125.0	46.0	29.0	113.0	126.0	14	22.0	5.0	51.0	28
MB 28	54.0	33.5	55.0	2.0	83.0	9.0	72.0	22.5	51	75.0	73.0	10.0	29
OFI-931	60.0	71.0	39.0	45.0	70.0	30.0	22.5	63.5	11	48.0	25.0	32.0	30
BARLEXAS II (BAR FA 6LV)	53.0	26.0	73.0	75.0	14.0	55.0	11.0	77.5	24	106.0	64.5	62.5	31
BARREFA (BAR FA6 US3)	33.0	57.0	30.0	17.5	19.0	1.0	58.0	75.0	33	119.0	44.0	5.0	32
BONSAI 2000 (BULLET)	49.0	27.0	18.0	68.0	65.0	84.0	104.0	44.5	37	71.0	56.0	103.0	33
RED COAT (ATF-038)	9.0	82.0	69.0	20.0	52.0	54.0	43.0	35.0	80	14.0	86.0	73.0	34
WOLFPACK (PST-R5TK)	69.0	50.0	17.0	116.0	87.0	7.0	95.0	84.0	60	19.0	37.0	82.0	35
REBEL 2000 (AA-989)	51.0	67.5	99.0	29.0	90.0	83.0	6.0	5.0	35	21.0	40.0	2.0	36
PIXIE E+	70.0	108.0	81.0	48.5	75.0	59.0	37.0	2.0	61	12.0	34.0	49.0	37
GENESIS	91.0	62.0	115.0	8.5	102.0	13.0	17.0	51.5	53	1.0	62.0	66.5	38
MB 214	28.5	56.0	105.0	8.5	1.0	22.0	110.0	35.0	81	30.0	87.0	3.0	39
OFI-96-31	43.0	40.0	19.0	17.5	63.0	14.0	43.0	68.0	19	47.0	45.0	26.0	40
BAR FA 6D	41.0	30.0	60.0	50.0	15.0	32.0	27.0	55.5	39	101.0	80.0	35.0	41
CHAPEL HILL (TA-7)	36.0	60.0	56.0	48.5	73.0	37.0	14.0	68.0	52	23.0	55.0	65.0	42
BRAVO (RG-93)	111.0	53.5	35.0	4.0	58.0	111.0	104.0	94.0	86	35.0	31.0	42.0	43
WILDFIRE (ATF-196)	8.0	24.0	15.0	39.5	45.0	73.0	30.0	39.0	65	87.0	64.5	34.0	44
EMPRESS	23.0	55.0	36.0	113.0	48.0	101.0	43.0	111.5	21	96.0	60.0	45.0	45

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
RESERVE (ATF-182)	78.0	87.0	68.0	19.0	69.0	48.0	58.0	26.0	70	7.0	20.0	78.0	46
MB 215	31.0	53.5	112.0	105.0	10.0	17.0	91.0	21.0	23	20.0	70.0	19.0	47
AIRLIE (MB 210)	65.5	67.5	72.0	42.5	50.0	31.0	108.0	9.5	8	88.5	39.0	92.0	48
RENEGADE	77.0	103.0	80.0	11.0	82.0	15.0	76.5	84.0	106	2.0	51.0	106.0	49
ARID II (J-3)	32.0	37.5	52.0	24.0	36.0	109.0	7.5	35.0	29	111.0	54.0	51.0	50
APACHE II	56.0	66.0	22.0	61.5	95.0	107.0	68.0	47.0	64	56.0	23.0	86.0	51
WYATT (ATF-188)	72.0	59.0	44.0	42.5	29.5	98.0	51.0	48.5	102	79.0	27.0	75.0	52
MB 216	65.5	61.0	97.5	84.5	55.0	43.5	86.0	7.5	28	92.0	71.0	8.0	53
R5AU	108.0	81.0	54.0	128.0	98.5	50.0	32.5	12.5	10	74.0	92.0	96.0	54
CORONADO	45.0	7.0	23.0	112.0	28.0	95.0	104.0	60.0	2	69.0	52.0	55.0	55
BAR FA6 US2U	64.0	23.0	66.5	33.5	76.0	10.0	58.0	80.5	5	118.0	67.0	6.5	56
BARRINGTON (BAR FA6D USA)	61.0	16.0	71.0	115.0	21.0	4.0	91.0	48.5	40	64.0	48.0	28.0	57
AZTEC II (TMI-AZ)	81.0	44.0	47.0	35.0	33.0	46.0	51.0	68.0	75	83.0	38.0	47.5	58
SR 8210	90.0	58.0	45.5	59.0	17.0	87.0	76.5	127.5	16	88.5	26.0	56.0	59
ANTHEM II (TMI-FMN)	68.0	28.0	50.0	74.0	85.0	77.5	58.0	31.0	1	91.0	22.0	58.0	60
TULSA	82.0	89.0	34.0	119.0	29.5	47.0	43.0	26.0	58	78.0	47.0	85.0	61
ZANZIBAR (ZPS-5LZ)	55.0	33.5	43.0	94.0	23.0	40.0	117.5	111.5	9	97.0	53.0	68.0	62
SHENANDOAH	80.0	98.0	102.0	12.0	116.0	94.0	98.0	55.5	79	8.0	69.0	116.0	63
DUSTER	57.0	91.0	84.0	54.0	84.0	67.0	9.5	123.0	18	62.0	68.0	81.0	64
SR 8500 (SRX 8500)	13.0	69.0	28.0	72.0	78.0	91.5	30.0	111.5	22	82.0	42.0	57.0	65
ISI-TF11	86.0	88.0	64.5	59.0	93.0	62.0	98.0	100.5	47	28.0	84.0	110.0	66
SAFARI	92.0	111.0	101.0	33.5	71.0	63.0	104.0	117.5	94	16.0	41.0	121.0	67
SUNPRO	19.0	17.0	48.0	87.5	39.0	68.0	112.0	87.5	15	110.0	101.0	20.0	68
ATF-257	35.0	97.0	40.0	89.5	105.0	88.5	94.0	51.5	78	73.0	63.0	119.0	69
TRACER (BAR FA6 US1)	22.0	29.0	53.0	23.0	9.0	35.0	117.5	80.5	44	124.0	103.0	6.5	70
REGIMENT	84.0	72.5	66.5	64.0	93.0	75.5	91.0	19.5	91	25.0	78.0	114.0	71
ISI-TF9	73.0	76.5	83.0	77.5	49.0	41.0	76.5	100.5	63	67.0	57.0	95.0	72
PICK FA 20-92	50.0	51.5	10.0	39.5	38.0	42.0	51.0	104.5	72	123.0	111.0	13.0	73
PICK FA XK-95	74.0	22.0	13.0	64.0	35.0	80.0	58.0	94.0	96	36.0	88.0	40.0	74
OFI-951	37.0	64.0	49.0	51.5	43.0	51.0	58.0	74.0	27	121.0	18.0	24.0	75
BULLDAWG (PICK GA-96)	40.0	48.0	42.0	8.5	98.5	71.0	86.0	111.5	93	76.0	35.5	77.0	76
ALAMO E	85.0	46.5	37.0	99.0	41.0	90.0	71.0	19.5	97	102.0	76.0	37.0	77
BANDANA (PST-R5AE)	103.0	92.0	75.0	87.5	57.0	24.0	81.5	94.0	90	84.0	21.0	62.5	78
PST-5TO	105.0	43.0	38.0	109.0	72.0	81.0	73.0	119.5	48	109.0	33.0	83.0	79
TWILIGHT II (TMI-TW)	115.0	45.0	64.5	72.0	111.0	58.0	22.5	73.0	54	65.0	50.0	44.0	80
TF 66 (BAR FA6 US6F)	89.0	85.5	51.0	129.0	32.0	19.0	22.5	117.5	26	77.0	43.0	64.0	81
FALCON II	27.0	95.0	104.0	72.0	107.0	61.0	81.5	84.0	82	9.0	72.0	88.0	82
VELOCITY (AA-983)	11.0	113.0	108.0	97.0	67.0	82.0	5.0	35.0	92	60.0	89.0	23.0	83
ARABIA (J-5)	109.0	42.0	63.0	51.5	53.0	70.0	43.0	31.0	20	120.0	58.0	11.0	84
CORONADO GOLD (PST-5RT)	116.0	41.0	45.5	114.0	74.0	66.0	98.0	111.5	114	113.0	17.0	71.5	85
WX3-275	99.0	64.0	113.0	6.0	79.0	114.0	32.5	111.5	112	98.0	82.5	118.0	86
PICK FA 15-92	71.0	25.0	85.0	80.0	110.0	119.0	2.0	16.0	67	125.0	112.0	36.0	87
LION	93.0	90.0	78.5	121.0	37.0	28.0	15.0	80.5	59	105.0	35.5	80.0	88
ISI-TF10	107.0	70.0	88.0	47.0	113.0	18.0	65.0	119.5	42	59.0	108.0	47.5	89
COCHISE II	100.0	93.5	94.0	14.0	51.0	86.0	81.5	121.0	116	103.0	106.0	59.0	90

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
PRO 8430	47.0	114.0	96.0	64.0	62.0	100.0	114.5	104.5	74	55.0	85.0	94.0	91
OFI-FWY	59.0	80.0	77.0	56.0	80.0	16.0	128.0	76.0	30	80.0	66.0	79.0	92
TOMAHAWK-E	26.0	76.5	120.0	101.5	93.0	113.0	12.5	94.0	49	53.0	93.0	70.0	93
ATF-253	94.5	78.0	57.0	124.0	109.0	79.0	76.5	63.5	122	66.0	97.0	92.0	94
FINELAWN PETITE	113.0	74.0	107.0	76.0	59.0	21.0	27.0	100.5	68	37.0	77.0	76.0	95
ARIZONA (PICK FA 6-91)	63.0	85.5	87.0	127.0	44.0	69.0	4.0	16.0	25	126.0	115.0	16.0	96
MARKSMAN	42.0	105.0	106.0	98.0	87.0	72.0	117.5	16.0	50	57.0	74.0	84.0	97
ATF-022	46.0	110.0	93.0	45.0	100.0	88.5	37.0	44.5	88	42.5	125.0	109.0	98
EA 41	119.0	64.0	92.0	118.0	24.0	65.0	48.0	124.5	120	107.0	79.0	27.0	99
SHORTSTOP II	30.0	46.5	76.0	21.5	87.0	124.0	7.5	12.5	87	122.0	113.0	42.0	100
OFI-96-32	106.0	101.0	91.0	77.5	81.0	75.5	68.0	60.0	109	34.0	104.0	104.0	101
GLEN EAGLE (EC-101)	102.0	102.0	89.0	107.5	66.0	85.0	43.0	68.0	104	52.0	90.0	97.5	102
ATF-020	76.0	100.0	82.0	92.0	96.0	106.0	58.0	60.0	110	99.0	109.0	92.0	103
TITAN 2	98.0	116.0	121.0	16.0	121.0	120.0	104.0	39.0	123	38.0	122.0	123.0	104
PSII-TF-9	117.0	112.0	90.0	21.5	119.0	97.0	76.5	68.0	101	27.0	114.0	99.0	105
PICK FA N-93	88.0	20.0	26.5	101.5	20.0	26.0	104.0	94.0	38	127.0	98.0	53.0	106
LEPRECHAUN	104.0	106.0	116.0	31.0	106.0	117.0	126.0	65.0	77	42.5	96.0	90.0	107
PEDESTAL (PC-AO)	62.0	109.0	114.0	68.0	91.0	105.0	114.5	55.5	111	45.0	81.0	101.5	108
GOOD-EN (KOOS 96-14)	112.0	79.0	70.0	45.0	97.0	115.0	110.0	24.0	105	18.0	107.0	100.0	109
WVPB-1B	110.0	93.5	103.0	95.0	104.0	110.0	81.5	104.5	103	31.0	119.0	113.0	110
SRX 8084	79.0	118.0	110.0	111.0	103.0	116.0	120.5	122.0	100	95.0	75.0	111.0	111
WPEZE (WVPB-1C)	124.0	117.0	78.5	28.0	115.0	104.0	58.0	87.5	99	15.0	91.0	112.0	112
COMSTOCK (SSDE31)	118.0	99.0	117.0	122.0	118.0	108.0	43.0	51.5	121	13.0	110.0	101.5	113
HELIX (WVPB-1D)	96.0	96.0	86.0	68.0	120.0	77.5	120.5	111.5	119	29.0	94.0	117.0	114
KITTY HAWK S.S.T. (SS45DW)	114.0	115.0	95.0	54.0	101.0	112.0	68.0	51.5	115	85.0	99.0	97.5	115
EQUINOX (TMI-N91)	123.0	107.0	100.0	106.0	108.0	93.0	43.0	31.0	69	115.0	95.0	71.5	116
DP 50-9011	101.0	121.0	122.5	38.0	61.0	103.0	86.0	55.5	98	117.0	118.0	115.0	117
PSII-TF-10	75.0	104.0	109.0	57.0	114.0	99.0	86.0	94.0	118	93.0	105.0	87.0	118
AXIOM (ATF-192)	125.0	120.0	111.0	96.0	126.0	96.0	58.0	35.0	73	51.0	100.0	120.0	119
BONSAI	87.0	122.0	118.0	81.5	117.0	118.0	110.0	100.5	107	116.0	116.0	105.0	120
JSC-1	97.0	119.0	124.0	86.0	112.0	121.0	37.0	87.5	108	61.0	123.0	108.0	121
PICK FA UT-93	94.5	83.0	97.5	68.0	64.0	123.0	19.0	77.5	56	128.0	117.0	69.0	122
JTTFC-96	120.0	123.0	122.5	101.5	124.0	102.0	122.0	127.5	127	90.0	121.0	126.0	123
JTTFA-96	127.0	124.0	119.0	68.0	122.0	122.0	123.0	124.5	117	24.0	120.0	125.0	124
DLF-1	122.0	125.0	125.0	126.0	123.0	125.0	68.0	6.0	124	104.0	124.0	122.0	125
ARID	121.0	126.0	128.0	104.0	128.0	126.0	125.0	60.0	125	49.0	127.0	128.0	126
DP 7952	128.0	127.0	126.0	36.5	125.0	128.0	127.0	42.0	128	100.0	126.0	127.0	127
AV-1	126.0	128.0	127.0	123.0	127.0	127.0	43.0	71.5	126	108.0	128.0	124.0	128
KENTUCKY-31 W/ENDO.	129.0	129.0	129.0	101.5	129.0	129.0	129.0	129.0	129	129.0	129.0	129.0	129

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
GROWN IN FULL SUN FOR EACH YEAR IN THE U.S. 1/
1997-2000 DATA

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

NAME	1997	1998	1999	2000	1997-00
REMBRANDT (LTP-4026 E+)	6.0	6.4	6.5	6.5	6.3
PLANTATION (PENNINGTON-1901)	6.1	6.3	6.5	6.4	6.2
MILLENNIUM (TMI-RBR)	6.1	6.2	6.5	6.5	6.2
DYNASTY (PICK RT-95)	5.7	6.1	6.5	6.4	6.1
SHENANDOAH II (WRS2)	5.8	6.2	6.3	6.4	6.0
MASTERPIECE (LTP-SD-TF)	5.7	6.1	6.5	6.4	6.0
SCORPIO (ZPS-2PTF)	5.8	6.1	6.4	6.3	6.0
CROSSFIRE II	5.8	6.0	6.3	6.2	6.0
COYOTE	5.6	6.0	6.3	6.4	6.0
REBEL SENTRY (AA-A91)	5.8	5.9	6.2	6.2	5.9
WATCHDOG (PICK FA B-93)	5.7	6.0	6.2	6.2	5.9
ARID 3 (J-98)	5.9	5.9	6.1	6.0	5.9
JAGUAR 3	5.6	6.0	6.3	6.3	5.9
OLYMPIC GOLD (PST-5E5)	5.6	6.0	6.2	6.2	5.9
BRANDY (J-101)	5.8	5.8	6.1	6.0	5.9
FALCON III (MB 212)	5.7	5.9	6.3	6.2	5.9
CU9502T	5.7	5.9	6.2	6.0	5.9
MB 29	5.8	5.9	6.2	6.0	5.9
CU9501T	5.7	5.8	6.1	6.1	5.9
MUSTANG II	5.7	5.9	6.0	6.0	5.9
TAR HEEL	5.6	5.9	6.2	6.2	5.9
ONCUE (PST-523)	5.6	5.9	6.1	6.0	5.8
SOUTHERN CHOICE	5.8	5.9	6.0	6.0	5.8
MB 26	5.8	5.9	6.0	6.0	5.8
GAZELLE	5.7	5.8	6.2	6.2	5.8
DURANA (MB 211)	5.6	5.9	6.1	6.0	5.8
MB 213	5.7	5.9	6.1	6.0	5.8
DOMINION (PST-5M5)	5.5	5.9	6.2	6.2	5.8
MB 28	5.7	5.8	6.0	6.0	5.8
OFI-931	5.7	5.8	6.0	6.0	5.8
BARLEXAS II (BAR FA 6LV)	5.7	5.7	6.0	6.0	5.8
BARRERA (BAR FA6 US3)	5.7	5.8	6.0	5.9	5.8
BONSAI 2000 (BULLET)	5.6	5.8	6.1	6.0	5.8
RED COAT (ATF-038)	5.6	5.7	6.0	6.0	5.8
WOLFPACK (PST-R5TK)	5.4	5.9	6.2	6.2	5.8
REBEL 2000 (AA-989)	5.6	5.7	6.0	5.9	5.8
PIXIE E+	5.7	5.8	6.0	5.9	5.8
GENESIS	5.8	5.8	6.0	5.8	5.8
MB 214	5.7	5.7	6.0	5.9	5.8
OFI-96-31	5.8	5.7	6.0	5.9	5.8
BAR FA 6D	5.7	5.8	6.0	5.9	5.8
CHAPEL HILL (TA-7)	5.7	5.7	6.0	5.9	5.8
BRAVO (RG-93)	5.6	5.8	6.1	6.0	5.8
WILDFIRE (ATF-196)	5.6	5.7	6.0	6.0	5.8
EMPRESS	5.7	5.8	6.0	6.0	5.8

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN FULL SUN FOR EACH YEAR IN THE U.S.
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	1997-00
RESERVE (ATF-182)	5.6	5.8	6.0	5.9	5.7
MB 215	5.6	5.8	6.0	6.0	5.7
AIRLIE (MB 210)	5.6	5.7	6.0	5.9	5.7
RENEGADE	5.8	5.8	5.8	5.8	5.7
ARID II (J-3)	5.6	5.7	5.9	5.7	5.7
APACHE II	5.7	5.7	6.0	5.9	5.7
WYATT (ATF-188)	5.5	5.7	6.0	6.0	5.7
MB 216	5.6	5.8	6.0	5.8	5.7
R5AU	5.4	5.8	6.1	6.0	5.7
CORONADO	5.6	5.7	6.0	6.0	5.7
BAR FA6 US2U	5.6	5.8	6.0	5.8	5.7
BARRINGTON (BAR FA6D USA)	5.5	5.8	6.0	6.0	5.7
AZTEC II (TMI-AZ)	5.6	5.7	6.0	5.8	5.7
SR 8210	5.6	5.6	6.0	5.9	5.7
ANTHEM II (TMI-FMN)	5.6	5.7	6.0	5.9	5.7
TULSA	5.6	5.7	5.9	5.9	5.7
ZANZIBAR (ZPS-5LZ)	5.5	5.8	6.0	5.9	5.7
SHENANDOAH	5.7	5.7	5.8	5.7	5.7
DUSTER	5.6	5.7	5.9	5.8	5.7
SR 8500 (SRX 8500)	5.6	5.7	5.9	5.9	5.7
ISI-TF11	5.6	5.7	5.9	5.9	5.7
SAFARI	5.6	5.7	5.9	5.8	5.7
SUNPRO	5.5	5.7	5.9	5.9	5.7
ATF-257	5.3	5.7	6.0	6.1	5.7
TRACER (BAR FA6 US1)	5.5	5.7	6.0	5.8	5.7
REGIMENT	5.7	5.6	5.9	5.7	5.7
ISI-TF9	5.5	5.7	5.9	5.9	5.7
PICK FA 20-92	5.5	5.6	5.9	6.0	5.7
PICK FA XK-95	5.5	5.6	5.9	5.9	5.7
OPI-951	5.4	5.6	5.9	5.9	5.6
BULLDAWG (PICK GA-96)	5.5	5.7	5.9	5.8	5.6
ALAMO E	5.5	5.6	5.9	5.9	5.6
BANDANA (PST-R5AE)	5.4	5.6	6.0	5.9	5.6
PST-5TO	5.3	5.7	6.0	6.1	5.6
TWILIGHT II (TMI-TW)	5.4	5.7	5.9	5.8	5.6
TF 66 (BAR FA6 US6F)	5.5	5.6	6.0	5.9	5.6
FALCON II	5.6	5.6	5.8	5.8	5.6
VELOCITY (AA-983)	5.4	5.6	5.8	5.8	5.6
ARABIA (J-5)	5.4	5.6	5.8	5.8	5.6
CORONADO GOLD (PST-5RT)	5.3	5.7	6.0	5.9	5.6
WX3-275	5.4	5.6	5.8	5.8	5.6
PICK FA 15-92	5.5	5.5	5.8	5.7	5.6
LION	5.3	5.6	5.9	5.8	5.6
ISI-TF10	5.5	5.6	5.8	5.7	5.6
COCHISE II	5.5	5.5	5.8	5.7	5.6

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN FULL SUN FOR EACH YEAR IN THE U.S.
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	1997	1998	1999	2000	1997-00
PRO 8430	5.3	5.6	5.9	5.8	5.6
OFL-FWY	5.5	5.6	5.8	5.8	5.6
TOMAHAWK-E	5.3	5.5	5.8	5.8	5.6
ATF-253	5.3	5.6	5.9	5.9	5.6
FINELAWN PETITE	5.5	5.6	5.7	5.7	5.6
ARIZONA (PICK FA 6-91)	5.5	5.5	5.7	5.7	5.5
MARKSMAN	5.5	5.6	5.8	5.7	5.5
ATF-022	5.3	5.6	5.8	5.7	5.5
EA 41	5.4	5.5	5.8	5.7	5.5
SHORTSTOP II	5.5	5.4	5.6	5.6	5.5
OFL-96-32	5.6	5.5	5.7	5.5	5.5
GLEN EAGLE (EC-101)	5.5	5.5	5.7	5.7	5.5
ATF-020	5.4	5.5	5.7	5.7	5.5
TITAN 2	5.5	5.5	5.5	5.5	5.5
PSII-TF-9	5.5	5.5	5.7	5.6	5.5
PICK FA N-93	5.2	5.4	5.9	5.9	5.5
LEPRECHAUN	5.5	5.5	5.7	5.6	5.5
PEDESTAL (PC-AO)	5.4	5.5	5.7	5.6	5.5
GOOD-EN (KOOS 96-14)	5.5	5.5	5.6	5.5	5.5
WVPB-1B	5.4	5.4	5.6	5.6	5.4
SRX 8084	5.4	5.5	5.6	5.6	5.4
WPEZE (WVPB-1C)	5.5	5.4	5.6	5.4	5.4
COMSTOCK (SSDE31)	5.3	5.5	5.7	5.6	5.4
HELIX (WVPB-1D)	5.4	5.4	5.6	5.5	5.4
KITTY HAWK S.S.T. (SS45DW)	5.3	5.4	5.6	5.6	5.4
EQUINOX (TMI-N91)	5.3	5.4	5.6	5.6	5.4
DP 50-9011	5.2	5.3	5.7	5.5	5.4
PSII-TF-10	5.4	5.4	5.5	5.5	5.4
AXIOM (ATF-192)	5.2	5.4	5.5	5.7	5.4
BONSAI	5.2	5.3	5.5	5.4	5.3
JSC-1	5.2	5.2	5.5	5.4	5.3
PICK FA UT-93	5.2	5.1	5.5	5.4	5.3
JTTFC-96	5.1	5.3	5.5	5.4	5.2
JTTFA-96	5.1	5.2	5.3	5.2	5.2
DLF-1	5.1	5.0	5.1	5.1	5.0
ARID	5.1	5.0	5.1	5.0	5.0
DP 7952	4.9	4.9	4.9	4.8	4.9
AV-1	4.8	4.7	4.9	4.9	4.8
KENTUCKY-31 W/ENDO.	4.2	3.9	3.8	3.6	3.9
LSD VALUE	0.2	0.2	0.2	0.2	0.1
C.V. (%)	10.9	9.8	8.2	8.3	13.1

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

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

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN FOR EACH YEAR IN THE U.S. 1/
1997-2000 DATA

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

NAME	1997	1998	1999	2000	1997-00
REMBRANDT (LTP-4026 E+)	3.0	1	1.0	1	1
PLANTATION (PENNINGTON-1901)	1.0	2	4.0	4	2
MILLENNIUM (TMI-RBR)	2.0	3	2.0	2	3
DYNASTY (PICK RT-95)	26.0	5	3.0	3	4
SHENANDOAH II (WRS2)	15.0	4	9.0	7	5
MASTERPIECE (LTP-SD-TF)	21.0	7	5.0	6	6
SCORPIO (ZPS-2PTF)	7.0	6	6.0	8	7
CROSSFIRE II	11.0	9	8.0	11	8
COYOTE	39.0	12	7.0	5	9
REBEL SENTRY (AA-A91)	5.0	14	18.0	12	10
WATCHDOG (PICK FA B-93)	19.0	10	12.0	13	11
ARID 3 (J-98)	4.0	16	25.0	41	12
JAGUAR 3	49.0	8	10.0	9	13
OLYMPIC GOLD (PST-5E5)	54.0	11	13.0	10	14
BRANDY (J-101)	10.0	35	26.0	34	15
FALCON III (MB 212)	25.0	24	11.0	18	16
CU9502T	27.0	17	17.0	32	17
MB 29	8.0	18	19.0	22	18
CU9501T	18.0	30	24.0	19	19
MUSTANG II	17.0	26	47.0	31	20
TAR HEEL	55.0	22	15.0	15	21
ONCUE (PST-523)	46.0	13	22.0	25	22
SOUTHERN CHOICE	6.0	23	34.0	35	23
MB 26	12.0	19	42.0	40	24
GAZELLE	28.0	27	20.0	16	25
DURANA (MB 211)	40.0	20	27.0	23	26
MB 213	36.0	25	21.0	26	27
DOMINION (PST-5M5)	67.0	15	14.0	14	28
MB 28	20.0	37	37.0	42	29
OFI-931	24.0	29	30.0	45	30
BARLEXAS II (BAR FA 6LV)	31.0	58	35.0	27	31
BARRERA (BAR FA6 US3)	22.0	42	41.0	61	32
BONSAI 2000 (BULLET)	37.0	34	28.0	29	33
RED COAT (ATF-038)	45.0	52	46.0	36	34
WOLFPACK (PST-R5TK)	91.0	21	16.0	17	35
REBEL 2000 (AA-989)	42.0	51	51.0	48	36
PIXIE E+	29.0	33	60.0	68	37
GENESIS	14.0	31	40.0	88	38
MB 214	16.0	55	48.0	58	39
OFI-96-31	13.0	68	59.0	64	40
BAR FA 6D	30.0	36	33.0	63	41
CHAPEL HILL (TA-7)	35.0	53	53.0	52	42
BRAVO (RG-93)	64.0	43	29.0	30	43
WILDFIRE (ATF-196)	47.0	57	54.0	28	44
EMPRESS	34.0	41	44.0	39	45

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN FULL SUN FOR EACH YEAR IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	1997	1998	1999	2000	1997-00
RESERVE (ATF-182)	58.0	38	58.0	50	46
MB 215	59.0	40	38.0	44	47
AIRLIE (MB 210)	44.0	47	55.0	46	48
RENEGADE	9.0	39	89.0	89	49
ARID II (J-3)	50.0	56	77.0	90	50
APACHE II	33.0	62	57.0	60	51
WYATT (ATF-188)	84.0	65	36.0	38	52
MB 216	38.0	44	49.0	77	53
R5AU	93.0	45	23.0	24	54
CORONADO	41.0	59	31.0	33	55
BAR FA6 US2U	62.0	46	50.0	72	56
BARRINGTON (BAR FA6D USA)	73.0	32	52.0	37	57
AZTEC II (TMI-AZ)	52.0	63	62.0	78	58
SR 8210	43.0	80	43.0	47	59
ANTHEM II (TMI-FMN)	63.0	61	39.0	62	60
TULSA	53.0	50	68.0	55	61
ZANZIBAR (ZPS-5LZ)	71.0	28	56.0	57	62
SHENANDOAH	23.0	49	87.0	95	63
DUSTER	48.0	70	72.0	84	64
SR 8500 (SRX 8500)	60.0	69	81.0	51	65
ISI-TF11	61.0	48	69.0	69	66
SAFARI	51.0	54	84.0	82	67
SUNPRO	79.0	60	71.0	59	68
ATF-257	110.0	64	32.0	20	69
TRACER (BAR FA6 US1)	75.0	66	64.0	73	70
REGIMENT	32.0	77	76.0	98	71
ISI-TF9	78.0	67	70.0	67	72
PICK FA 20-92	68.0	91	74.5	43	73
PICK FA XK-95	87.5	85	66.0	53	74
OFI-951	94.0	83	67.0	54	75
BULLDAWG (PICK GA-96)	65.0	71	82.0	86	76
ALAMO E	77.0	79	78.0	65	77
BANDANA (PST-R5AE)	95.0	75	61.0	66	78
PST-5TO	116.0	72	45.0	21	79
TWILIGHT II (TMI-TW)	101.0	73	79.0	80	80
TF 66 (BAR FA6 US6F)	86.0	86	63.0	70	81
FALCON II	56.0	93	86.0	85	82
VELOCITY (AA-983)	100.0	78	90.0	83	83
ARABIA (J-5)	96.0	89	97.0	81	84
CORONADO GOLD (PST-5RT)	108.0	74	65.0	71	85
WX3-275	105.0	82	88.0	87	86
PICK FA 15-92	87.5	105	98.0	99	87
LION	113.0	81	74.5	74	88
ISI-TF10	80.0	94	96.0	96	89
COCHISE II	82.0	99	94.0	94	90

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN FULL SUN FOR EACH YEAR IN THE U.S.
1997-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	1997	1998	1999	2000	1997-00
PRO 8430	109.0	76	80.0	79	91
OFI-FWY	85.0	87	85.0	76	92
TOMAHAWK-E	107.0	96	91.0	75	93
ATF-253	114.0	84	83.0	49	94
FINELAWN PETITE	74.0	90	99.0	102	95
ARIZONA (PICK FA 6-91)	70.0	104	100.0	93	96
MARKSMAN	89.0	88	92.0	100	97
ATF-022	106.0	92	95.0	92	98
EA 41	102.0	98	93.0	97	99
SHORTSTOP II	76.0	113	112.0	105	100
OFI-96-32	57.0	97	107.0	116	101
GLEN EAGLE (EC-101)	90.0	107	101.0	101	102
ATF-020	104.0	102	102.0	91	103
TITAN 2	66.0	95	117.0	114	104
PSII-TF-9	83.0	103	108.0	110	105
PICK FA N-93	119.0	112	73.0	56	106
LEPRECHAUN	72.0	108	105.0	106	107
PEDESTAL (PC-AO)	103.0	106	103.0	104	108
GOOD-EN (KOOS 96-14)	81.0	100	114.0	117	109
WVPB-1B	92.0	111	111.0	111	110
SRX 8084	97.0	101	115.0	112	111
WPEZE (WVPB-1C)	69.0	115	116.0	122	112
COMSTOCK (SSDE31)	111.0	109	106.0	109	113
HELIX (WVPB-1D)	98.0	110	109.0	115	114
KITTY HAWK S.S.T. (SS45DW)	112.0	114	113.0	108	115
EQUINOX (TMI-N91)	115.0	117	110.0	107	116
DP 50-9011	118.0	119	104.0	113	117
PSII-TF-10	99.0	116	119.0	118	118
AXIOM (ATF-192)	122.0	118	118.0	103	119
BONSAI	117.0	121	123.0	123	120
JSC-1	120.0	122	120.0	121	121
PICK FA UT-93	121.0	124	122.0	119	122
JTTFC-96	124.0	120	121.0	120	123
JTTFA-96	123.0	123	124.0	124	124
DLF-1	126.0	125	125.0	125	125
ARID	125.0	126	126.0	126	126
DP 7952	127.0	127	127.0	128	127
AV-1	128.0	128	128.0	127	128
KENTUCKY-31 W/ENDO.	129.0	129	129.0	129	129

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.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN DENSE SHADE AT MISSISSIPPI STATE, MS 1/
1997-2000 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ARID	4.5	5.2	6.5	6.0	6.0	6.2	5.5	5.0	4.8	4.2	5.1	5.2	5.7
PLANTATION (PENNINGTON-1901)	4.3	4.5	5.3	5.5	6.7	6.5	5.8	5.3	4.8	4.5	5.1	5.3	5.5
TITAN 2	4.0	4.8	5.8	5.8	6.2	6.3	4.5	4.8	4.2	4.5	5.0	5.3	5.5
SR 8500 (SRX 8500)	4.2	4.7	5.2	5.3	6.3	6.2	5.3	5.0	4.8	4.3	5.1	5.1	5.4
REMBRANDT (LTP-4026 E+)	4.3	4.7	5.3	5.7	6.3	6.2	5.2	4.8	4.7	4.3	4.8	5.2	5.4
OFI-FWY	4.3	4.8	5.5	5.8	6.5	6.3	5.3	5.3	5.0	4.5	5.0	5.2	5.4
BRANDY (J-101)	4.3	5.0	5.7	5.8	6.5	6.0	5.0	4.7	4.5	4.2	4.9	5.2	5.4
FALCON II	4.5	4.3	5.8	5.8	6.3	6.5	5.8	5.2	5.0	4.5	4.9	5.1	5.4
SAFARI	4.3	5.0	5.7	5.8	6.3	6.2	4.8	4.5	4.2	4.0	4.8	5.0	5.4
ATF-022	4.0	4.7	5.2	6.0	6.5	6.3	5.5	5.2	4.7	4.3	4.8	5.0	5.3
MB 215	4.3	5.0	5.5	5.7	6.2	5.8	5.0	4.8	4.3	4.2	4.8	5.3	5.3
SR 8210	4.2	4.7	5.5	5.8	6.5	5.7	4.8	4.7	4.5	4.3	4.8	5.2	5.3
ISI-TF9	4.2	5.2	5.5	5.8	6.3	6.2	5.2	4.8	4.3	3.8	4.3	5.0	5.3
SHENANDOAH	4.2	4.8	6.3	5.8	6.3	6.2	5.2	4.7	4.3	4.0	4.6	5.0	5.3
KITTY HAWK S.S.T. (SS45DW)	4.3	5.2	5.5	5.7	6.5	6.3	5.3	5.0	4.8	4.2	4.9	5.0	5.3
MB 214	4.2	4.7	5.2	5.7	6.3	6.2	5.7	5.2	4.8	4.3	4.8	5.0	5.3
PSII-TF-9	4.2	4.7	5.7	5.7	6.5	6.3	5.5	5.2	5.0	4.3	4.4	5.0	5.3
DURANA (MB 211)	4.3	5.2	5.5	5.8	6.3	6.2	5.3	4.8	4.7	4.3	4.7	5.1	5.3
RESERVE (ATF-182)	4.0	4.7	5.3	5.7	6.3	6.3	5.5	5.2	4.7	4.7	4.8	5.0	5.3
FALCON III (MB 212)	4.2	4.8	5.5	5.5	6.2	5.8	5.5	5.0	4.8	4.0	4.6	5.0	5.2
ISI-TF10	4.2	4.7	5.2	5.8	6.3	6.2	5.5	5.3	5.0	4.7	4.6	5.0	5.2
RED COAT (ATF-038)	4.5	5.0	5.3	5.7	6.5	6.2	5.5	5.0	4.8	4.3	4.3	5.1	5.2
WOLFPACK (PST-R5TK)	4.2	4.7	5.5	5.5	6.2	6.3	5.5	5.5	5.0	4.5	4.6	5.1	5.2
CORONADO	4.0	4.5	5.3	5.5	6.3	6.5	5.3	5.3	4.8	4.3	4.7	4.9	5.2
EMPRESS	4.0	4.5	5.2	5.7	6.3	6.3	5.0	4.8	4.3	4.2	4.7	4.9	5.2
DLF-1	4.2	4.3	5.5	5.7	6.0	6.3	5.7	5.3	5.2	4.3	4.7	5.0	5.2
ISI-TF11	4.3	4.7	5.8	5.8	6.3	6.0	5.3	4.8	4.5	4.2	4.4	5.1	5.2
OLYMPIC GOLD (PST-5E5)	4.3	4.5	5.7	5.7	6.3	6.2	5.7	5.5	4.5	4.3	4.6	4.8	5.1
GOOD-EN (KOOS 96-14)	3.8	4.5	5.7	5.5	6.3	6.3	5.7	5.3	5.2	4.3	4.7	5.0	5.1
KENTUCKY-31 W/ENDO.	4.0	4.8	5.8	5.0	4.8	5.3	4.5	4.7	4.3	4.0	4.7	5.1	5.1
LEPRECHAUN	4.2	4.7	5.5	5.3	5.8	5.8	4.8	4.5	4.2	4.0	4.4	4.8	5.1
SOUTHERN CHOICE	3.7	4.3	5.3	5.3	6.2	6.3	5.7	5.3	4.7	4.3	4.6	4.8	5.1
AIRLIE (MB 210)	4.2	4.8	5.5	5.8	6.5	6.3	5.0	4.7	4.3	4.0	4.4	4.9	5.1
PRO 8430	4.0	5.0	5.5	5.5	6.0	5.5	4.2	4.0	4.3	3.8	4.6	4.8	5.1
BAR FA 6D	4.2	4.7	4.8	5.2	6.2	5.8	4.8	4.3	4.3	3.8	4.7	4.8	5.1
JTTFC-96	4.0	4.7	5.3	5.8	6.3	6.5	5.5	5.3	5.0	4.5	4.7	4.9	5.1
MILLENNIUM (TMI-RBR)	4.3	4.3	5.2	5.3	6.7	6.7	5.7	5.7	5.2	4.8	4.7	4.9	5.1
MUSTANG II	3.8	4.5	5.2	5.5	6.3	6.5	5.7	5.2	4.8	4.3	4.6	4.7	5.1
PIXIE E+	4.2	4.3	5.0	5.5	6.3	6.0	5.5	5.5	4.7	4.3	4.7	4.9	5.1
ANTHEM II (TMI-FMN)	4.2	4.8	5.2	5.7	5.8	5.5	4.5	4.0	4.2	3.8	4.3	4.8	5.1
TOMAHAWK-E	3.8	4.5	5.2	5.7	6.5	6.5	5.3	5.2	5.0	4.5	4.6	4.9	5.1
CU9501T	4.2	4.8	5.2	5.2	6.3	6.3	4.8	4.8	4.3	4.3	4.7	4.9	5.1
FINELAWN PETITE	4.2	4.7	5.2	5.2	6.2	6.5	5.2	5.0	4.5	4.7	4.7	4.9	5.1
GLEN EAGLE (EC-101)	4.5	4.8	5.5	5.2	6.2	5.7	4.7	4.5	4.2	3.8	4.4	4.9	5.1

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN DENSE SHADE AT MISSISSIPPI STATE, MS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JAGUAR 3	4.3	4.8	5.3	5.7	6.3	6.2	5.2	4.7	4.3	4.0	4.4	4.8	5.1
ARABIA (J-5)	4.0	4.3	4.8	5.2	6.2	6.0	5.2	5.3	4.8	4.2	4.7	5.0	5.1
MB 29	4.0	4.3	5.0	5.3	6.5	6.5	6.0	5.7	5.2	4.8	4.9	4.8	5.1
BARRERA (BAR FA6 US3)	3.7	4.0	4.8	5.0	6.3	5.5	4.7	4.3	4.5	4.2	4.6	4.8	5.1
WYATT (ATF-188)	4.0	4.8	5.2	5.3	6.5	6.2	5.3	5.2	4.8	4.5	4.4	5.0	5.1
DUSTER	4.2	4.5	5.0	5.5	6.3	6.2	5.7	5.2	5.2	4.3	4.6	4.8	5.1
REBEL 2000 (AA-989)	4.0	4.7	5.5	5.5	6.3	6.2	5.3	5.0	5.0	4.7	4.8	5.0	5.1
TULSA	4.2	4.7	5.3	5.5	6.5	6.2	5.5	5.0	4.8	4.3	4.6	4.8	5.1
EA 41	4.2	4.5	5.2	5.3	6.5	6.0	5.5	5.2	4.5	4.7	4.6	5.0	5.0
VELOCITY (AA-983)	4.0	4.3	5.2	5.2	6.3	6.5	5.7	5.5	5.0	4.3	4.6	4.7	5.0
WVPB-1B	4.2	4.5	5.7	5.3	6.3	6.3	5.3	5.2	4.8	4.2	4.4	4.8	5.0
BARLEXAS II (BAR FA 6LV)	4.0	4.5	5.3	5.3	6.2	6.0	4.8	4.5	4.5	4.0	4.7	4.7	5.0
ONCUE (PST-523)	4.5	4.7	5.7	5.3	6.2	6.3	5.2	4.8	4.7	4.3	4.4	4.9	5.0
R5AU	3.8	4.7	5.0	5.2	5.8	5.8	4.8	4.3	4.2	3.8	4.6	4.7	5.0
ALAMO E	4.3	4.5	5.3	5.3	6.2	6.2	5.2	4.7	4.5	4.0	4.4	4.6	5.0
AXIOM (ATF-192)	4.0	4.5	5.0	5.2	6.2	6.2	5.2	5.0	4.3	4.2	4.6	4.8	5.0
HELIX (WVPB-1D)	4.0	4.5	5.5	5.7	6.3	6.3	5.5	5.0	5.0	4.3	4.6	4.8	5.0
PST-5TO	4.0	4.5	5.0	5.3	6.3	6.3	5.2	5.0	4.7	4.5	4.8	4.9	5.0
REGIMENT	3.8	4.3	5.3	5.3	6.0	6.0	4.8	4.5	4.0	3.8	4.1	4.6	5.0
GAZELLE	3.7	4.7	5.2	5.5	6.7	6.0	4.8	4.3	4.0	4.3	4.7	4.9	5.0
MASTERPIECE (LTP-SD-TF)	4.2	4.7	5.5	5.2	6.2	5.8	4.5	4.5	4.2	4.2	4.3	4.8	5.0
GENESIS	4.0	4.5	5.7	5.3	6.2	6.2	5.3	5.0	4.5	3.7	4.3	4.8	5.0
BANDANA (PST-R5AE)	4.3	5.0	5.5	5.7	6.5	6.3	5.3	5.0	4.8	4.2	4.7	4.4	5.0
ZANZIBAR (ZPS-5LZ)	3.7	4.2	4.8	5.2	6.0	5.8	4.8	4.7	4.8	4.2	4.4	4.8	5.0
DYNASTY (PICK RT-95)	4.2	4.5	5.2	5.0	6.3	6.5	5.3	5.0	4.3	4.2	4.4	4.8	5.0
BARRINGTON (BAR FA6D USA)	3.5	3.8	5.2	4.7	5.7	5.8	5.3	5.0	4.7	4.2	4.7	4.7	5.0
SRX 8084	4.0	4.5	5.3	5.5	6.3	6.3	5.2	4.7	4.7	4.0	4.6	4.7	5.0
PICK FA 20-92	3.8	4.0	4.7	4.7	6.2	6.0	5.0	5.0	4.5	4.2	4.4	4.7	5.0
SHENANDOAH II (WRS2)	3.7	4.0	5.3	5.3	6.3	6.5	5.8	5.3	4.8	5.0	4.7	4.9	4.9
SUNPRO	3.8	4.5	5.0	5.5	6.3	6.0	5.3	4.8	4.7	4.2	4.6	4.7	4.9
TRACER (BAR FA6 US1)	4.2	4.3	5.2	5.2	6.0	6.3	5.3	5.2	4.7	4.2	4.4	4.6	4.9
MARKSMAN	4.2	4.7	5.2	5.5	5.8	5.8	4.5	4.2	3.8	3.7	4.3	4.4	4.9
TWILIGHT II (IMI-TW)	3.8	4.7	5.0	4.8	6.3	6.3	5.5	5.2	5.0	4.2	4.3	4.9	4.9
PEDESTAL (PC-AO)	4.2	4.7	5.7	5.7	6.0	6.0	5.3	4.8	4.7	4.0	4.1	4.9	4.9
LION	3.8	4.3	5.2	5.0	6.3	6.2	5.5	5.2	4.3	4.0	4.4	4.7	4.9
OFI-96-31	4.3	4.0	4.7	4.8	5.8	5.3	4.7	4.5	4.2	3.5	4.2	4.6	4.9
APACHE II	4.2	4.5	5.0	5.3	6.0	5.7	4.7	4.3	4.2	3.5	4.2	4.7	4.9
JSC-1	4.0	4.8	5.2	5.5	6.2	6.2	4.7	4.3	4.0	4.0	4.3	4.7	4.9
COCHISE II	4.2	4.5	5.2	5.5	6.3	6.2	5.0	5.0	4.3	4.0	4.6	4.6	4.9
PSII-TF-10	3.8	4.5	5.2	5.5	6.3	6.3	5.2	5.0	4.8	4.0	4.2	4.6	4.9
WPEZE (WVPB-1C)	3.7	4.3	5.2	5.0	6.2	6.5	5.7	5.5	4.8	4.2	4.3	4.8	4.9
BULLDAWG (PICK GA-96)	3.5	4.3	5.2	5.0	6.2	6.0	5.2	4.7	4.5	4.0	4.4	4.6	4.9
RENEGADE	4.0	4.3	5.2	5.3	6.2	6.2	5.3	5.2	4.0	4.2	4.2	4.4	4.9
AV-1	4.0	4.5	5.2	5.3	5.7	5.5	4.3	4.3	4.2	3.5	3.9	4.7	4.9
CU9502T	3.7	4.3	5.5	5.2	6.3	6.2	5.7	5.2	4.8	4.2	4.3	4.6	4.9

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN DENSE SHADE AT MISSISSIPPI STATE, MS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
WILDFIRE (ATF-196)	3.8	4.2	4.8	5.2	6.3	6.5	5.7	5.2	5.0	4.7	4.4	4.8	4.9
REBEL SENTRY (AA-A91)	4.0	4.5	5.0	5.2	6.2	6.3	5.0	4.8	4.3	4.0	4.1	4.6	4.9
TAR HEEL	3.8	4.2	5.0	5.0	6.3	6.3	5.5	5.3	5.0	4.3	4.4	4.3	4.9
DOMINION (PST-5M5)	4.2	4.7	5.0	5.3	6.2	6.2	5.2	4.8	4.5	4.0	4.2	4.4	4.8
DP 50-9011	3.5	4.3	5.3	5.2	6.0	6.0	5.2	5.0	4.5	3.8	4.4	4.2	4.8
CHAPEL HILL (TA-7)	4.0	4.2	5.0	5.0	6.0	6.0	4.8	4.8	4.2	4.0	4.1	4.6	4.8
ATF-257	3.8	4.3	5.0	5.3	5.8	6.2	4.8	4.7	4.2	4.3	4.7	4.6	4.8
ARID 3 (J-98)	3.5	4.2	4.8	4.8	5.8	5.8	4.8	4.8	4.3	4.0	4.4	4.6	4.8
OFI-96-32	3.8	4.3	5.0	5.5	6.0	5.7	4.8	4.3	4.2	3.8	4.2	4.4	4.8
WATCHDOG (PICK FA B-93)	3.7	4.5	4.8	5.0	5.8	5.7	4.5	4.8	4.5	4.2	4.3	4.9	4.8
MB 216	4.0	4.2	5.0	5.5	6.3	6.2	5.7	5.0	4.8	4.2	4.3	4.8	4.8
OFI-931	3.8	4.2	5.2	5.5	6.2	6.0	5.0	4.7	4.5	4.0	4.2	4.3	4.8
CORONADO GOLD (PST-SRT)	4.2	4.7	5.3	5.0	6.2	6.0	4.8	4.5	4.2	4.0	4.1	4.6	4.8
JTIFA-96	3.8	4.2	5.7	5.5	5.7	5.7	5.0	4.8	4.5	4.0	4.2	4.3	4.8
ARIZONA (PICK FA 6-91)	4.0	4.0	4.7	4.8	6.2	6.2	5.5	5.0	4.7	4.7	4.4	4.6	4.8
BAR FA6 US2U	3.8	4.7	5.0	5.2	6.3	6.3	5.3	5.0	4.7	4.3	4.1	4.4	4.7
COMSTOCK (SSDE31)	4.0	4.7	5.5	5.3	6.0	5.8	5.2	4.8	4.5	3.8	4.3	4.3	4.7
DP 7952	3.7	4.3	5.2	5.0	5.5	5.5	5.0	5.2	4.3	3.7	4.3	4.2	4.7
MB 26	3.8	4.2	4.7	4.7	6.3	6.3	5.5	5.0	4.7	3.8	4.1	4.4	4.7
CROSSFIRE II	3.7	4.3	5.2	5.3	6.2	5.8	5.2	4.7	4.5	4.3	4.1	4.7	4.7
PICK FA XK-95	3.8	4.0	4.7	5.2	6.3	6.0	5.2	5.0	5.0	4.5	4.2	4.7	4.7
MB 213	3.8	4.2	5.0	5.0	6.2	5.8	5.2	4.5	4.2	3.3	4.0	4.3	4.7
AZTEC II (TMI-AZ)	3.7	4.7	5.3	5.3	5.7	5.5	4.3	3.7	4.0	3.5	4.0	4.2	4.7
MB 28	3.8	4.3	5.0	5.2	6.2	6.0	4.8	4.3	4.2	3.8	4.1	4.4	4.7
ATF-020	3.5	4.0	4.8	5.3	6.2	6.2	5.2	4.8	4.3	3.7	4.1	4.1	4.6
COYOTE	3.8	4.0	5.0	4.7	6.0	6.2	5.2	4.8	4.3	4.0	4.0	4.6	4.6
OFI-951	3.7	3.8	4.8	4.8	6.0	5.3	4.2	4.2	4.2	3.5	4.1	4.4	4.6
SCORPIO (ZPS-2PTF)	3.8	4.3	5.2	4.7	6.2	5.8	5.0	4.5	4.3	4.0	4.0	4.3	4.6
SHORTSTOP II	3.3	4.2	4.7	4.5	6.0	5.5	4.8	4.3	4.2	3.8	3.8	4.6	4.6
BONSAI 2000 (BULLET)	3.7	4.3	4.8	5.2	5.8	5.5	4.3	4.2	3.7	3.7	4.1	4.2	4.6
ATF-253	3.7	4.0	4.8	5.0	5.8	5.8	4.5	4.3	4.0	4.2	4.1	4.6	4.6
BRAVO (RG-93)	4.0	4.5	5.3	5.2	5.7	5.7	4.3	4.0	4.0	3.3	3.8	4.3	4.6
TF 66 (BAR FA6 US6F)	3.5	3.8	4.8	4.7	6.0	5.7	4.7	4.7	4.2	3.5	4.0	4.3	4.6
ARID II (J-3)	3.5	3.7	4.7	4.7	6.0	5.5	4.5	4.5	4.2	3.5	3.9	4.4	4.5
BONSAI	3.3	3.8	4.7	4.8	5.7	5.2	4.8	4.7	4.5	3.8	3.8	4.4	4.5
WX3-275	3.8	3.8	4.8	4.8	6.2	6.3	5.2	4.8	4.5	4.0	3.9	4.1	4.5
PICK FA 15-92	3.8	3.8	4.3	4.7	5.8	5.5	4.5	4.3	4.0	4.0	3.9	4.6	4.4
EQUINOX (TMI-N91)	3.8	4.2	4.7	4.7	5.3	5.3	4.5	4.2	4.2	3.3	3.7	3.9	4.3
PICK FA N-93	3.5	3.7	4.0	4.3	5.2	5.3	4.5	4.3	4.0	3.7	3.8	4.1	4.3
PICK FA UT-93	2.8	3.7	4.2	4.5	5.2	5.3	4.3	4.0	4.7	3.3	3.4	3.8	4.0
LSD VALUE	0.9	1.0	1.2	1.0	1.1	1.1	1.0	1.2	1.1	1.6	1.2	1.1	0.8
C.V. (%)	20.7	20.0	19.8	17.3	16.3	16.3	17.3	21.2	20.6	34.9	28.4	26.2	18.1

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MEAD, NE 1/
1997-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PLANTATION (PENNINGTON-1901)	5.9	6.5	6.9	6.8	6.3	7.0	6.8	6.6
CU9501T	6.1	6.3	6.5	6.5	6.6	6.6	6.8	6.4
DYNASTY (PICK RT-95)	6.0	6.2	6.7	6.8	6.1	6.3	6.8	6.4
TRACER (BAR FA6 US1)	5.8	6.2	6.2	6.8	6.3	7.0	6.5	6.4
SCORPIO (ZPS-2PTF)	5.7	6.3	6.6	6.3	6.3	6.6	7.0	6.3
OPI-931	5.8	6.3	6.8	6.6	5.9	6.2	6.5	6.3
WATCHDOG (PICK FA B-93)	5.8	6.0	6.3	6.6	6.2	6.4	6.8	6.3
JAGUAR 3	5.8	6.2	6.5	6.2	5.8	6.7	7.2	6.2
SOUTHERN CHOICE	6.1	6.1	6.1	6.3	6.0	6.6	7.0	6.2
PICK FA N-93	5.8	6.5	6.1	6.6	5.8	6.3	7.0	6.2
SUNPRO	6.2	6.1	6.4	6.3	5.9	6.4	6.7	6.2
FALCON III (MB 212)	5.9	5.7	6.3	6.3	6.1	6.8	6.7	6.2
DUSTER	6.1	5.9	6.7	6.0	6.1	6.4	6.5	6.2
ARIZONA (PICK FA 6-91)	6.0	6.2	6.3	6.4	6.3	5.9	6.5	6.2
CU9502T	5.7	6.3	6.3	6.3	6.5	6.3	6.2	6.2
MB 29	5.8	6.0	6.6	6.4	6.3	6.1	6.7	6.2
OLYMPIC GOLD (PST-5E5)	5.8	5.8	6.6	6.6	6.0	6.3	6.3	6.2
DOMINION (PST-5M5)	5.8	6.2	6.1	6.1	6.2	6.8	6.3	6.2
BRANDY (J-101)	5.8	6.0	5.9	6.3	6.4	6.6	6.7	6.2
GENESIS	5.8	5.8	6.7	6.0	6.2	6.4	6.8	6.2
SR 8500 (SRX 8500)	6.1	5.9	6.3	5.9	5.9	6.8	6.3	6.2
BARLEXAS II (BAR FA 6LV)	5.9	5.8	6.5	6.5	5.7	6.3	6.8	6.2
MB 214	6.0	5.8	6.3	6.1	6.0	6.6	6.5	6.2
MILLENNIUM (TMI-RBR)	5.9	6.2	6.2	6.2	6.1	6.4	6.2	6.2
PIXIE E+	6.0	5.8	6.4	6.4	6.0	6.3	6.5	6.2
TOMAHAWK-E	6.0	5.8	6.3	6.4	5.9	6.2	6.7	6.2
COYOTE	6.0	5.8	6.3	6.6	5.8	6.1	7.0	6.1
ATF-022	5.6	5.4	6.3	6.5	6.5	6.7	6.0	6.1
MASTERPIECE (LTP-SD-TF)	5.6	5.9	5.9	6.4	6.3	6.6	6.5	6.1
RED COAT (ATF-038)	5.8	6.4	5.9	6.3	6.0	6.3	6.3	6.1
BONSAI 2000 (BULLET)	5.8	5.6	6.0	6.0	6.3	6.7	6.8	6.1
ARID 3 (J-98)	6.0	6.2	5.9	6.0	5.9	6.5	6.3	6.1
BAR FA6 US2U	5.5	6.3	6.2	6.3	6.0	6.1	6.8	6.1
GLEN EAGLE (EC-101)	6.0	5.8	6.3	6.2	5.9	6.3	6.2	6.1
MUSTANG II	6.1	6.1	6.2	6.0	5.7	6.3	6.7	6.1
CROSSFIRE II	5.8	5.6	6.5	6.2	5.6	6.5	6.8	6.1
PICK FA 20-92	6.0	5.9	6.3	6.3	5.9	5.8	6.2	6.1
BARRERA (BAR FA6 US3)	5.8	6.1	6.3	5.9	5.8	6.3	6.7	6.1
REBEL SENTRY (AA-A91)	5.5	5.9	6.3	6.5	5.9	6.2	6.3	6.1
MB 26	5.4	6.1	6.2	6.5	6.0	6.0	6.3	6.1
WILDFIRE (ATF-196)	5.9	5.8	5.8	6.0	5.9	6.6	6.8	6.1
MB 216	6.0	5.9	6.5	6.0	5.8	6.0	6.7	6.0
APACHE II	5.3	5.8	5.9	6.5	6.1	6.3	6.5	6.0
OPI-96-31	5.6	5.5	6.3	6.1	6.2	6.6	6.5	6.0

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT MEAD, NE
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
EMPRESS	5.8	5.8	6.1	6.2	6.1	6.1	6.7	6.0
GAZELLE	5.9	6.2	6.2	5.8	5.3	6.7	6.8	6.0
ZANZIBAR (ZPS-5LZ)	5.8	6.1	5.9	6.3	5.8	6.0	6.8	6.0
OFT-FWY	5.7	6.3	6.3	5.8	5.7	6.3	6.8	6.0
BULLDAG (PICK GA-96)	5.8	5.8	6.5	5.8	5.7	6.2	7.2	6.0
WYATT (ATF-188)	5.7	6.0	6.1	6.1	6.0	6.3	6.3	6.0
AIRLIE (MB 210)	5.5	5.8	6.2	6.4	5.8	6.3	6.5	6.0
REMBRANDT (LTP-4026 E+)	5.5	5.9	6.0	6.6	5.6	6.3	6.7	6.0
SR 8210	5.7	5.9	5.9	6.2	6.1	6.1	6.7	6.0
SHENANDOAH	5.8	6.0	5.8	6.0	6.0	6.1	7.0	6.0
FALCON II	5.8	5.6	5.9	6.3	5.8	6.6	6.5	6.0
PEDESTAL (PC-AO)	5.4	6.0	5.8	6.4	6.0	6.3	6.3	6.0
BAR FA 6D	5.8	6.0	6.0	6.1	5.6	6.3	6.7	6.0
PRO 8430	5.7	5.8	6.1	6.2	5.9	6.3	6.2	6.0
CRONADO	5.8	6.0	6.3	5.9	5.4	6.3	6.3	6.0
ARID II (J-3)	5.8	6.0	6.2	6.0	5.7	6.2	6.0	6.0
ISI-TF9	5.8	5.5	6.0	6.1	5.8	6.0	7.3	6.0
DURANA (MB 211)	5.8	5.9	5.5	6.1	5.9	6.2	6.3	5.9
RESERVE (ATF-182)	5.6	6.0	5.7	6.3	5.8	6.1	6.5	5.9
VELOCITY (AA-983)	5.8	6.2	5.9	5.8	5.7	6.1	6.3	5.9
REBEL 2000 (AA-989)	5.4	5.8	5.8	6.5	5.6	6.2	6.3	5.9
PSII-TF-10	5.9	5.5	5.8	5.8	6.0	6.2	6.5	5.9
REGIMENT	5.8	5.3	5.8	6.1	5.8	6.4	6.2	5.9
ISI-TF11	5.6	5.9	6.0	6.0	5.7	5.9	6.5	5.9
JSC-1	5.6	5.8	6.4	5.8	5.8	5.8	6.7	5.9
PSII-TF-9	5.8	5.8	6.1	5.9	5.7	6.0	6.3	5.9
MB 213	5.5	5.9	6.0	5.7	5.8	6.0	6.8	5.9
BARRINGTON (BAR FA6D USA)	5.4	5.9	5.8	6.1	5.6	6.1	6.8	5.9
WOLFPACK (PST-R5TK)	5.4	5.3	5.8	6.3	5.9	6.2	6.5	5.9
SHENANDOAH II (WRS2)	5.2	5.6	6.2	6.2	5.9	5.8	6.3	5.9
TF 66 (BAR FA6 US6F)	5.7	6.2	5.4	6.4	5.3	6.2	6.0	5.9
TULSA	5.7	5.5	5.8	6.4	5.4	6.1	6.2	5.8
OFT-951	5.6	5.6	5.8	6.1	6.0	5.9	6.2	5.8
CHAPEL HILL (TA-7)	5.5	5.4	6.1	6.1	5.8	5.8	6.7	5.8
BONSAI	5.7	5.4	6.4	5.7	5.4	6.0	6.8	5.8
BANDANA (PST-R5AE)	5.3	5.6	5.8	6.2	6.0	5.8	6.3	5.8
R5AU	5.5	5.4	5.4	5.8	6.1	6.3	6.7	5.8
WX3-275	5.8	5.8	6.0	5.5	5.3	5.9	6.7	5.8
ALAMO E	6.0	6.1	6.0	5.4	5.3	5.6	6.3	5.8
AZTEC II (TMI-AZ)	5.3	5.3	6.1	5.9	5.7	6.0	6.7	5.8
MB 215	5.5	5.3	5.9	6.1	5.3	6.2	6.3	5.8
HELIX (WVPB-1D)	5.7	5.3	5.9	6.3	5.5	5.8	5.7	5.8
ATF-257	5.3	5.7	5.8	6.0	5.5	6.0	6.0	5.8
ATF-020	5.4	5.1	6.1	6.0	5.8	5.9	6.0	5.7
PICK FA 15-92	5.6	5.8	5.8	5.6	5.4	6.0	6.3	5.7

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT MEAD, NE
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SHORTSTOP II	5.4	5.4	5.6	5.8	5.8	6.0	6.8	5.7
FINELAWN PETITE	5.6	5.3	6.0	5.7	5.4	6.2	6.3	5.7
COCHISE II	5.6	5.7	5.8	5.7	5.6	5.8	6.2	5.7
TAR HEEL	5.2	5.2	5.8	6.3	5.3	6.2	6.8	5.7
SRX 8084	5.6	5.8	5.8	5.5	5.6	5.8	6.0	5.7
PST-5TO	5.2	5.3	5.9	6.2	5.8	5.4	6.5	5.7
COMSTOCK (SSDE31)	5.4	5.1	5.6	5.8	5.7	6.2	6.5	5.7
ATF-253	5.3	5.6	5.9	5.7	5.5	5.7	6.3	5.7
PICK FA UT-93	5.7	5.6	5.8	5.5	5.1	5.9	6.7	5.7
WVPB-1B	5.4	5.1	5.7	5.8	5.7	6.0	6.2	5.7
ERAVO (RG-93)	5.4	5.5	5.8	5.5	5.3	5.8	6.7	5.6
CORONADO GOLD (PST-5RT)	5.5	5.5	6.0	5.8	5.1	5.6	6.0	5.6
DP 50-9011	5.3	5.6	5.3	5.3	5.5	6.3	6.5	5.6
ARID	5.3	5.5	5.3	5.8	5.8	5.8	5.8	5.6
PICK FA XK-95	5.4	5.4	5.6	5.9	5.4	5.6	6.0	5.6
ISI-TF10	5.3	5.5	5.8	5.8	5.1	5.8	6.3	5.6
ARABIA (J-5)	5.2	5.8	5.7	5.6	5.3	5.7	6.7	5.6
MARKSMAN	5.3	5.3	6.2	5.7	5.5	5.5	6.2	5.6
SAFARI	5.8	5.4	5.5	5.5	5.1	5.8	6.3	5.6
MB 28	5.3	5.6	5.6	5.8	5.4	5.5	6.5	5.6
LEPRECHAUN	5.5	5.4	5.7	5.4	5.4	5.8	6.0	5.6
OFI-96-32	5.4	5.8	5.3	5.5	5.3	5.8	6.3	5.6
TWILIGHT II (TMI-TW)	5.3	5.3	5.8	5.6	5.4	5.6	6.2	5.5
AXIOM (ATF-192)	5.4	5.4	5.3	5.4	5.5	5.8	6.2	5.5
KITTY HAWK S.S.T. (SS45DW)	5.1	5.6	5.3	5.7	5.5	5.8	6.0	5.5
LION	5.2	5.0	5.3	5.8	5.8	5.8	6.0	5.5
TITAN 2	5.2	5.1	5.9	5.4	5.7	5.7	6.0	5.5
AV-1	5.2	5.5	5.7	5.5	5.3	5.6	6.3	5.5
WPEZE (WVPB-1C)	5.6	5.3	4.9	6.5	5.5	5.0	6.2	5.5
CNCUE (PST-523)	5.5	5.6	5.6	5.6	5.5	4.9	6.2	5.5
GOOD-EN (KOOS 96-14)	5.8	5.3	5.1	5.9	5.2	5.6	5.8	5.5
RENEGADE	5.1	5.3	5.5	6.1	5.2	5.6	5.7	5.5
JITFA-96	5.0	5.2	5.4	5.7	5.7	5.8	5.7	5.5
EA 41	5.2	5.3	5.4	5.5	5.1	5.7	6.5	5.4
JITFC-96	5.1	5.2	5.6	5.4	4.9	5.8	5.8	5.4
DP 7952	5.1	5.1	5.4	5.0	5.3	5.3	6.0	5.2
EQUINOX (TMI-N91)	5.3	5.1	5.1	5.0	4.8	5.5	6.5	5.2
ANTHEM II (TMI-FMN)	4.9	5.0	5.5	5.2	5.2	5.2	6.0	5.2
DLF-1	5.0	4.4	5.2	5.2	4.4	5.1	5.8	4.9
KENTUCKY-31 W/ENDO.	4.7	4.3	4.2	4.1	3.8	4.0	4.7	4.2
LSD VALUE	1.9	1.0	1.0	1.3	1.0	0.9	1.1	0.6
C.V. (%)	41.2	22.8	21.8	26.3	21.9	17.9	15.3	13.6

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

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

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN ON A ROADSIDE AT BLACKSTONE, VA 1/
1997-2000 DATA

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

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TITAN 2	7.3	6.5	6.3	7.4	7.1	7.4	7.2	7.2	6.8	7.0
OFI-FWY	6.7	6.8	6.9	6.8	6.8	6.9	7.2	7.7	7.0	7.0
KENTUCKY-31 W/ENDO.	7.0	5.8	5.7	7.3	8.0	7.8	7.3	7.3	6.4	7.0
RENEGADE	7.3	6.5	6.2	7.1	6.8	7.2	7.0	7.2	7.2	7.0
ARID	6.7	6.3	6.0	7.2	7.0	7.7	7.0	7.2	6.9	7.0
DP 7952	6.7	5.8	6.3	7.3	7.8	7.0	6.8	7.3	6.2	6.9
JAGUAR 3	7.7	6.0	6.2	7.3	6.4	6.8	7.5	7.8	7.0	6.9
MUSTANG II	7.3	5.8	6.1	6.9	6.8	7.4	7.0	7.2	6.9	6.8
BONSAI 2000 (BULLET)	7.3	6.3	5.8	7.1	6.8	7.2	7.5	7.3	6.7	6.8
OFI-96-32	7.3	6.3	5.8	6.4	6.9	7.3	7.2	7.3	7.2	6.8
ISI-TF10	7.3	6.2	6.4	6.9	6.7	7.1	7.0	7.2	6.8	6.8
AXIOM (ATF-192)	6.7	6.2	6.7	7.0	6.8	7.2	6.8	6.8	6.7	6.8
ONCUE (PST-523)	7.0	6.2	6.2	6.9	6.7	7.3	6.8	7.3	6.9	6.8
AV-1	7.7	6.8	5.6	6.8	6.7	6.7	7.7	7.3	7.0	6.8
JITFA-96	6.7	6.7	5.8	6.9	7.0	7.2	7.2	7.0	6.9	6.8
SCORPIO (ZPS-2PTF)	7.3	5.7	6.3	6.8	7.0	6.9	7.0	7.3	7.0	6.8
EA 41	7.0	6.7	6.0	6.4	6.7	7.1	7.5	7.0	6.9	6.8
JITFC-96	6.0	5.8	5.8	7.3	7.0	7.4	7.0	7.2	6.6	6.8
SRX 8084	6.7	6.3	6.0	7.1	6.8	7.3	6.8	7.2	6.4	6.8
MASTERPIECE (LTP-SD-TF)	7.0	6.5	6.1	6.4	6.8	6.7	7.5	7.2	6.8	6.8
WVPB-1B	7.0	6.5	6.0	6.8	6.8	6.9	7.2	7.2	6.6	6.7
ISI-TF9	7.0	5.8	5.8	7.0	7.0	6.7	7.3	7.7	6.9	6.7
REMBRANDT (LTP-4026 E+)	7.0	6.3	6.0	6.6	6.3	7.6	7.0	7.2	6.6	6.7
ISI-TF11	6.7	6.0	5.9	7.2	6.7	6.9	7.0	7.5	6.4	6.7
PRO 8430	7.3	5.8	5.6	7.2	6.9	7.0	7.2	7.3	6.6	6.7
PSII-TF-9	7.0	6.0	5.7	6.9	7.0	7.1	6.8	7.2	6.8	6.7
R5AU	7.0	6.2	5.8	6.6	6.6	7.1	6.8	7.3	6.9	6.7
SOUTHERN CHOICE	6.7	6.2	5.8	6.6	7.0	6.9	6.8	7.3	6.9	6.7
SR 8500 (SRX 8500)	7.0	6.0	6.3	6.6	6.4	7.3	6.5	7.0	6.9	6.7
REGIMENT	7.3	5.8	6.6	6.9	6.7	7.0	6.5	6.5	6.6	6.7
DLF-1	7.3	6.2	5.7	7.1	6.8	6.9	6.7	6.8	6.7	6.7
AZTEC II (TMI-AZ)	6.3	6.3	5.9	7.0	6.7	6.8	7.0	7.0	6.4	6.7
COCHISE II	7.3	6.8	5.7	6.8	6.6	6.9	6.8	7.0	6.6	6.7
LEPRECHAUN	7.0	6.2	5.6	6.9	6.8	7.0	6.5	7.0	6.9	6.7
ALAMO E	6.0	6.3	6.2	7.2	6.2	6.7	6.7	6.7	6.8	6.6
APACHE II	7.3	5.8	6.1	7.0	6.3	7.0	7.0	6.7	6.7	6.6
MARKSMAN	5.7	6.2	5.4	6.4	7.0	7.0	7.2	7.7	6.7	6.6
DYNASTY (PICK RT-95)	7.0	6.5	6.1	6.4	6.2	7.0	7.2	7.0	6.7	6.6
PICK FA XK-95	7.0	6.2	5.4	6.6	6.8	7.3	6.8	7.0	6.8	6.6
FINELAWN PETITE	6.3	6.2	6.2	6.8	6.4	6.9	7.0	7.0	6.6	6.6
CU9502T	6.7	5.8	5.8	6.7	6.8	7.3	6.7	7.2	6.4	6.6
GENESIS	6.7	5.7	6.1	6.7	6.6	7.3	6.5	7.3	6.3	6.6
BANDANA (PST-R5AE)	7.3	6.3	5.9	6.9	6.6	6.7	7.5	6.7	6.6	6.6
ATF-257	6.7	5.7	5.3	7.0	7.0	7.4	7.2	7.0	6.4	6.6

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A ROADSIDE AT BLACKSTONE, VA
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PLANTATION (PENNINGTON-1901)	7.0	6.3	5.9	7.0	6.3	6.8	7.0	7.0	6.6	6.6
DURANA (MB 211)	7.7	6.2	5.7	6.7	6.6	7.2	6.3	7.0	6.8	6.6
TAR HEEL	6.7	6.2	6.0	7.0	6.7	6.7	7.0	7.2	6.2	6.6
WYATT (ATF-188)	6.7	6.0	6.0	6.9	6.4	7.1	6.8	6.7	6.4	6.6
HELIX (WVPB-1D)	8.0	6.2	5.9	6.6	6.3	7.2	7.0	6.5	6.7	6.6
ANTHEM II (IMI-FMN)	6.3	6.2	5.6	6.9	6.4	7.1	7.2	7.2	6.4	6.6
KITTY HAWK S.S.T. (SS45DW)	7.0	5.7	5.8	6.4	7.0	7.1	6.8	7.0	6.6	6.6
CORONADO	7.3	6.0	5.3	7.0	6.7	7.1	6.8	6.7	6.6	6.6
EQUINOX (TMI-N91)	6.7	6.0	6.2	7.0	6.6	6.6	6.5	7.0	6.6	6.6
SAFARI	7.0	6.0	6.1	6.9	6.7	6.7	6.8	7.0	6.4	6.6
EMPRESS	7.7	6.7	5.6	6.7	6.7	6.8	6.7	6.7	6.6	6.6
LION	7.0	6.3	5.9	6.3	6.6	6.7	7.3	7.5	6.4	6.6
DUSTER	7.7	6.7	5.7	6.7	6.1	6.6	7.2	7.2	6.6	6.6
ARID 3 (J-98)	7.0	6.3	6.2	6.6	6.2	7.0	6.7	6.3	6.7	6.6
DP 50-9011	7.0	6.0	5.7	6.3	6.8	7.0	6.3	7.0	6.7	6.6
BULLDAWG (PICK GA-96)	7.0	6.2	5.2	6.7	6.2	7.0	7.2	6.7	6.8	6.5
PEDESTAL (PC-AO)	7.3	6.2	6.1	6.7	6.6	6.8	6.5	6.7	6.3	6.5
FALCON II	6.0	5.7	5.9	6.8	6.6	7.3	6.7	6.5	6.4	6.5
SHENANDOAH II (WRS2)	6.3	6.0	5.8	6.9	6.4	7.0	6.7	6.7	6.7	6.5
WATCHDOG (PICK FA B-93)	7.7	6.5	5.4	6.4	6.6	6.1	7.2	7.5	6.8	6.5
PICK FA 15-92	6.7	6.5	5.7	6.6	6.4	6.9	6.3	6.7	6.8	6.5
REBEL SENTRY (AA-A91)	7.0	5.8	5.3	6.6	6.6	6.9	7.0	7.2	6.8	6.5
SHENANDOAH	6.3	5.0	5.7	6.9	6.8	7.1	6.8	7.0	6.3	6.5
TWILIGHT II (TMI-TW)	7.0	6.3	5.0	6.9	6.6	6.8	7.0	7.2	6.4	6.5
MB 215	6.7	6.2	5.9	6.9	6.1	6.6	6.8	6.7	6.7	6.5
CHAPEL HILL (TA-7)	7.3	5.8	5.7	6.3	6.7	6.9	6.7	6.7	6.8	6.5
TF 66 (BAR FA6 US6F)	6.7	6.2	5.8	6.7	6.3	6.9	6.7	7.0	6.2	6.5
SUNPRO	7.3	6.0	5.3	6.8	6.3	7.1	6.8	6.8	6.3	6.5
CU9501T	6.7	6.3	5.7	6.6	6.6	7.1	6.5	6.5	6.4	6.5
COMSTOCK (SSDE31)	6.7	5.5	5.4	6.7	6.6	6.7	7.0	7.2	6.7	6.5
BRAVO (RG-93)	6.7	5.7	5.8	6.7	6.3	6.7	7.0	7.0	6.4	6.5
PIXIE E+	6.7	5.7	5.3	6.9	6.4	6.7	6.7	7.2	6.7	6.5
JSC-1	7.3	6.2	5.2	6.1	6.7	6.8	7.0	7.2	6.6	6.5
MB 216	6.7	5.8	5.8	6.8	6.6	6.6	6.3	6.7	6.7	6.5
SR 8210	7.3	5.7	5.4	6.7	6.9	6.7	6.7	6.7	6.4	6.5
BAR FA 6D	7.3	6.3	5.8	6.8	6.1	6.6	6.8	6.3	6.4	6.4
RED COAT (ATF-038)	7.0	5.8	5.3	6.3	6.3	6.9	7.2	6.3	6.9	6.4
TRACER (BAR FA6 US1)	6.3	5.8	6.1	6.6	6.2	6.9	6.5	6.5	6.2	6.4
ATF-020	7.0	5.5	5.4	6.7	6.4	6.9	6.8	6.3	6.6	6.4
MB 28	7.0	5.5	5.8	6.7	6.7	6.7	6.5	6.3	6.6	6.4
BAR FA6 US2U	7.0	5.7	5.9	6.6	6.1	6.6	6.7	6.5	6.6	6.4
PST-5TO	6.7	6.0	5.7	6.6	6.2	6.6	6.8	6.5	6.3	6.4
WX3-275	7.0	5.5	5.9	6.4	6.6	6.7	6.7	6.3	6.3	6.4
PSII-TF-10	6.3	6.3	5.1	6.4	6.4	6.4	6.8	7.3	6.6	6.4
BARLEXAS II (BAR FA 6LV)	6.0	6.3	5.9	6.7	6.2	6.6	6.5	6.5	6.2	6.4

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A ROADSIDE AT BLACKSTONE, VA
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS										
NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
FALCON III (MB 212)	6.7	5.7	5.7	6.6	6.3	6.8	6.7	6.8	6.2	6.4
TOMAHAWK-E	6.7	6.5	4.9	6.6	6.3	6.7	6.8	7.2	6.6	6.4
ATF-253	6.7	5.8	5.1	6.4	6.7	6.6	6.8	6.5	6.7	6.4
OFI-931	6.3	5.8	5.4	6.3	6.6	6.8	6.5	6.5	6.7	6.4
COYOTE	7.0	6.2	5.7	6.3	5.8	6.7	6.8	7.2	6.4	6.4
AIRLIE (MB 210)	6.7	6.0	5.6	6.4	6.2	6.8	6.7	6.3	6.4	6.4
MILLENNIUM (TMI-RBR)	7.3	5.8	5.1	6.7	6.2	7.0	6.7	7.0	6.1	6.3
VELOCITY (AA-983)	6.3	6.2	5.3	6.2	6.4	6.9	6.5	6.3	6.6	6.3
BARRINGTON (BAR FA6D USA)	7.0	5.5	6.0	6.2	6.3	6.8	6.5	6.3	6.4	6.3
TULSA	7.3	5.5	5.4	6.0	6.8	6.7	6.7	6.8	6.3	6.3
CORONADO GOLD (PST-5RT)	6.7	5.2	5.9	6.9	6.2	6.7	6.5	6.0	6.6	6.3
CROSSFIRE II	7.3	5.7	5.2	6.9	6.1	6.6	6.7	6.5	6.4	6.3
DOMINION (PST-5M5)	6.3	5.3	5.4	6.6	6.7	6.9	6.3	6.5	6.2	6.3
ARABIA (J-5)	6.0	5.7	5.7	6.7	5.7	6.8	7.0	6.5	6.1	6.3
SHORTSTOP II	6.3	6.0	5.4	6.0	6.0	6.9	6.5	6.8	6.3	6.3
OFI-951	6.3	5.3	5.6	6.4	6.4	7.0	6.2	6.2	6.3	6.2
MB 214	7.3	5.7	5.3	6.2	6.4	6.8	6.5	6.0	6.3	6.2
ATF-022	7.3	5.3	5.3	6.1	6.2	6.7	7.0	6.5	6.3	6.2
ARID II (J-3)	7.0	5.5	5.8	6.3	5.8	6.6	6.3	6.0	6.6	6.2
WILDFIRE (ATF-196)	5.7	5.5	5.6	6.4	6.3	6.6	6.3	6.7	6.4	6.2
GLEN EAGLE (EC-101)	6.7	5.7	4.7	6.4	6.6	6.7	6.8	6.8	6.3	6.2
BARRERA (BAR FA6 US3)	7.0	6.3	5.6	6.3	6.1	6.6	6.7	6.3	5.9	6.2
WPEZE (WVPB-1C)	7.3	5.5	5.1	6.3	6.3	6.6	6.5	6.7	6.3	6.2
OLYMPIC GOLD (PST-5E5)	6.0	5.8	4.7	6.7	6.0	6.7	6.7	6.8	6.6	6.2
BONSAI	6.3	5.3	5.2	6.3	6.6	6.8	6.5	6.7	6.0	6.2
RESERVE (ATF-182)	6.3	5.8	5.1	6.2	6.6	6.4	6.0	6.3	6.7	6.2
MB 213	6.3	6.0	5.3	6.4	6.1	6.4	6.3	6.3	6.0	6.1
OFI-96-31	7.0	5.2	4.8	6.4	6.3	6.6	6.5	6.7	6.3	6.1
GOOD-EN (KOCS 96-14)	6.7	5.7	5.3	6.2	6.1	6.4	6.2	6.2	6.4	6.1
PICK FA N-93	6.7	6.0	4.7	6.1	6.3	6.7	6.3	5.7	6.7	6.1
WOLFPACK (PST-R5TK)	6.7	5.2	5.4	6.4	6.0	6.2	6.5	6.7	6.2	6.1
MB 26	6.3	5.7	5.2	6.1	6.2	6.6	6.3	6.5	6.3	6.1
BRANDY (J-101)	6.0	5.8	5.1	6.0	6.2	6.7	6.2	5.8	6.4	6.1
ZANZIBAR (ZPS-5LZ)	6.7	5.8	5.4	5.8	5.9	6.3	6.7	6.5	6.1	6.1
PICK FA 20-92	6.3	6.3	4.9	6.0	6.0	6.4	6.3	6.2	6.2	6.0
ARIZONA (PICK FA 6-91)	7.0	5.5	5.1	6.2	5.6	6.3	6.5	5.7	6.6	6.0
MB 29	6.0	5.8	5.0	5.9	6.0	7.0	5.8	6.2	6.3	6.0
REBEL 2000 (AA-989)	6.7	5.3	5.2	6.1	6.0	6.4	6.2	6.0	6.0	6.0
PICK FA UT-93	6.7	5.5	5.0	5.6	5.4	6.2	6.5	5.7	6.2	5.8
GAZELLE	6.0	5.2	5.0	5.9	5.6	6.0	6.2	6.0	6.1	5.8
LSD VALUE	1.3	1.0	1.1	0.9	1.4	1.5	1.3	1.2	1.5	0.8
C.V. (%)	12.3	15.3	20.1	14.8	22.9	23.0	16.2	14.9	24.8	13.7

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN USING 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/

NAME	1997	1998	1999	2000	MEAN
MILLENNIUM (TMI-RBR)	4.6	5.8	6.5	6.2	6.3
REMBRANDT (LTP-4026 E+)	4.7	5.2	6.3	6.2	6.2
MASTERPIECE (LTP-SD-TF)	4.4	5.0	6.1	6.3	6.2
PLANTATION (PENNINGTON-1901)	5.0	6.0	6.1	6.1	6.2
SCORPIO (ZPS-2PTF)	4.3	5.3	6.2	6.1	6.2
WOLFPACK (PST-R5TK)	4.5	5.2	6.1	6.2	6.1
DYNASTY (PICK RT-95)	4.3	4.7	6.2	6.0	6.0
COYOTE	4.3	5.3	6.1	6.0	6.0
CROSSFIRE II	4.6	5.6	6.4	6.0	6.0
REBEL SENTRY (AA-A91)	5.0	5.5	6.1	5.8	6.0
FALCON III (MB 212)	4.7	5.1	6.0	5.9	6.0
SHENANDOAH II (WRS2)	4.5	5.6	5.9	5.8	5.9
WATCHDOG (PICK FA B-93)	4.4	5.5	6.2	5.8	5.9
MB 213	4.7	5.2	6.0	5.6	5.9
ONCUE (PST-523)	5.1	5.3	5.8	5.8	5.9
BONSAI 2000 (BULLET)	4.7	5.5	5.8	5.8	5.8
TULSA	4.7	5.6	5.8	5.7	5.8
CORONADO GOLD (PST-5RT)	4.5	4.8	6.0	5.7	5.8
ANTHEM II (TMI-FMN)	4.6	5.2	6.1	5.7	5.8
TAR HEEL	4.4	5.2	5.9	5.7	5.8
GAZELLE	4.3	5.2	5.7	5.8	5.8
JAGUAR 3	4.2	5.0	6.0	5.8	5.8
MUSTANG II	5.2	5.0	5.8	5.6	5.8
WYATT (ATF-188)	4.3	4.8	5.9	5.7	5.8
DOMINION (PST-5M5)	4.6	5.2	5.9	5.7	5.8
BRAVO (RG-93)	4.5	5.0	5.9	5.7	5.8
OLYMPIC GOLD (PST-5E5)	4.1	5.0	5.9	5.7	5.8
CU9501T	4.9	5.6	5.8	5.6	5.8
SHENANDOAH	5.7	5.6	6.0	5.6	5.8
BRANDY (J-101)	4.8	5.3	6.1	5.6	5.8
CHAPEL HILL (TA-7)	4.5	4.8	6.0	5.6	5.8
ALAMO E	4.6	5.2	5.9	5.7	5.8
MB 28	4.9	5.9	5.9	5.5	5.8
BARLEXAS II (BAR FA 6LV)	4.0	4.9	5.4	5.7	5.7
CORONADO	4.3	5.3	5.7	5.8	5.7
PICK FA XK-95	3.9	4.8	6.1	5.6	5.7
SOUTHERN CHOICE	5.0	5.2	5.9	5.4	5.7
BARRINGTON (BAR FA6D USA)	4.5	4.9	5.3	5.6	5.7
ATF-257	4.5	4.8	5.8	5.7	5.7
OFI-931	4.6	5.1	5.6	5.5	5.7
AZTEC II (TMI-AZ)	4.7	5.5	6.0	5.6	5.7
MB 29	4.7	5.1	5.7	5.5	5.7
SAFARI	5.5	5.3	6.0	5.5	5.7
WILDFIRE (ATF-196)	4.3	4.8	5.6	5.6	5.7
ARID 3 (J-98)	4.4	4.6	5.5	5.6	5.7

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
MB 215	4.3	5.0	5.8	5.5	5.7
EMPRESS	4.4	5.2	5.8	5.6	5.7
MB 214	4.5	5.0	5.5	5.5	5.7
RESERVE (ATF-182)	4.2	4.5	5.3	5.7	5.7
REGIMENT	5.0	5.7	5.8	5.4	5.7
ISI-TF11	4.8	5.8	6.2	5.6	5.7
TITAN 2	5.6	6.1	5.9	5.4	5.7
AIRLIE (MB 210)	4.6	4.6	5.7	5.4	5.7
ISI-TF9	4.5	4.7	6.0	5.5	5.7
PIXIE E+	4.9	5.8	6.2	5.4	5.7
SR 8210	4.5	5.1	5.9	5.5	5.7
SUNPRO	3.9	4.5	5.7	5.6	5.6
FINELAWN PETITE	4.6	5.5	5.7	5.5	5.6
R5AU	4.0	5.2	5.8	5.5	5.6
RED COAT (ATF-038)	4.6	5.1	5.6	5.5	5.6
WK3-275	4.4	5.4	5.8	5.5	5.6
OFI-96-31	4.6	4.9	5.8	5.4	5.6
APACHE II	4.3	5.0	5.7	5.5	5.6
E5T-5TO	3.6	4.2	5.6	5.6	5.6
MARKSMAN	4.6	5.6	6.1	5.3	5.6
CU9502T	4.1	5.0	5.9	5.3	5.6
FALCON II	4.7	5.1	5.9	5.3	5.6
PRO 8430	4.1	5.3	6.1	5.5	5.6
MB 26	4.1	4.7	5.4	5.5	5.6
DURANA (MB 211)	4.2	4.2	5.8	5.3	5.6
BANDANA (PST-R5AE)	4.8	5.3	5.6	5.4	5.6
REBEL 2000 (AA-989)	4.0	5.2	5.5	5.6	5.5
PICK FA 20-92	4.0	4.6	5.5	5.5	5.5
ATF-253	4.2	5.1	5.7	5.6	5.5
EAR FA 6D	3.8	5.0	5.6	5.4	5.5
PICK FA 15-92	3.9	4.6	5.7	5.4	5.5
GENESIS	4.8	5.3	6.1	5.3	5.5
COCHISE II	4.5	4.8	5.5	5.4	5.5
OFI-951	3.8	4.6	5.7	5.5	5.5
MB 216	4.6	5.7	5.9	5.2	5.5
RENEGADE	5.2	6.3	5.7	5.1	5.5
TWILIGHT II (TMI-TW)	4.2	5.1	5.5	5.5	5.5
DUSTER	4.5	5.6	5.9	5.3	5.5
GLEN EAGLE (EC-101)	4.8	4.5	5.6	5.3	5.5
OFI-FWY	4.2	4.9	5.5	5.4	5.5
ZANZIBAR (ZPS-5LZ)	4.4	5.3	5.6	5.4	5.5
EA 41	4.4	4.9	5.6	5.3	5.5
TOMAHAWK-E	4.1	4.5	5.4	5.3	5.5
HELIX (WVPB-1D)	4.8	5.2	5.7	5.2	5.5
ARID II (J-3)	3.7	4.3	5.8	5.4	5.4

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
SR 8500 (SRX 8500)	4.3	4.8	5.5	5.4	5.4
BAR FA6 US2U	4.0	4.9	5.7	5.2	5.4
ARABIA (J-5)	3.8	4.5	5.4	5.4	5.4
EQUINOX (TMI-N91)	4.1	4.3	5.7	5.4	5.4
GOOD-EN (KOOS 96-14)	4.5	4.6	5.5	5.2	5.4
LION	4.0	5.0	6.0	5.2	5.4
BARRERA (BAR FA6 US3)	3.9	4.7	5.8	5.2	5.4
PSII-TF-9	4.5	5.2	5.8	5.1	5.4
WPEZE (WVPB-1C)	4.6	5.1	5.7	5.2	5.4
KITTY HAWK S.S.T. (SS45DW)	4.7	4.7	5.7	5.1	5.4
LEPRECHAUN	4.3	5.4	5.6	5.2	5.4
PEDESTAL (PC-AO)	4.8	4.8	5.4	5.2	5.4
OFI-96-32	4.5	5.2	5.6	5.1	5.4
AXIOM (ATF-192)	4.0	4.9	5.4	5.5	5.3
SRX 8084	4.6	5.1	5.7	5.1	5.3
JTTFC-96	4.9	5.0	5.4	5.1	5.3
TRACER (BAR FA6 US1)	3.8	4.4	5.1	5.2	5.3
ATF-020	4.1	4.6	5.1	5.2	5.3
BULLDAWG (PICK GA-96)	3.9	4.3	5.4	5.3	5.3
TF 66 (BAR FA6 US6F)	4.2	5.2	5.5	5.2	5.3
ATF-022	4.0	5.0	5.6	5.2	5.3
ISI-TF10	4.2	4.5	5.5	5.1	5.3
SHORTSTOP II	4.5	5.0	5.2	5.1	5.3
PICK FA N-93	3.3	4.2	5.2	5.2	5.3
COMSTOCK (SSDE31)	4.5	4.5	5.5	5.0	5.3
JTTFA-96	4.9	5.0	5.3	5.0	5.2
WVPB-1B	4.1	5.0	5.2	5.2	5.2
JSC-1	4.4	5.2	5.4	5.0	5.2
PSII-TF-10	4.5	5.2	5.3	4.9	5.2
BONSAI	4.4	4.7	5.5	5.0	5.2
ARIZONA (PICK FA 6-91)	4.4	4.4	5.1	5.0	5.2
ARID	5.7	6.0	5.3	4.9	5.1
VELOCITY (AA-983)	3.5	3.9	5.3	5.0	5.1
DLF-1	5.1	4.9	5.1	4.8	5.1
DP 50-9011	4.0	4.3	5.2	4.9	5.0
PICK FA UT-93	3.2	4.1	4.7	4.8	4.8
DP 7952	4.4	5.2	5.5	4.5	4.8
AV-1	4.4	4.8	5.3	4.6	4.8
KENTUCKY-31 W/ENDO.	5.3	5.8	4.9	4.0	4.4
LSD VALUE	0.8	1.3	0.6	0.4	0.4
C.V. (%)	15.0	15.6	10.5	10.4	14.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - IAL MI1;
1998 DATA - IAL;
1999 DATA - IAL IL1 MI1;
2000 DATA - GA1 IAL IL1 NJ1 OH1.

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/

NAME	1997	1998	1999	2000	MEAN
PLANTATION (PENNINGTON-1901)	5.5	6.5	6.4	6.2	6.4
REMBRANDT (LTP-4026 E+)	5.5	6.5	6.3	6.2	6.3
MILLENNIUM (TMI-RBR)	5.4	6.3	6.1	6.3	6.2
SCORPIO (ZPS-2PTF)	5.6	6.2	6.3	6.1	6.2
SHENANDOAH II (WRS2)	5.3	6.4	6.3	6.3	6.2
COYOTE	5.4	6.3	6.3	6.2	6.2
MASTERPIECE (LTP-SD-TF)	5.4	6.2	6.3	6.1	6.1
DYNASTY (PICK RT-95)	5.3	6.2	6.3	6.0	6.1
OLYMPIC GOLD (PST-5E5)	5.3	6.3	6.1	6.1	6.1
DOMINION (PST-5M5)	5.3	6.3	6.2	5.9	6.0
WATCHDOG (PICK FA B-93)	5.3	6.2	6.0	5.9	6.0
WOLFPACK (PST-R5TK)	4.9	6.2	6.1	6.0	6.0
REBEL SENTRY (AA-A91)	5.4	6.2	6.1	6.1	6.0
JAGUAR 3	5.1	6.2	6.0	6.0	6.0
CROSSFIRE II	5.3	6.0	6.1	5.9	6.0
FALCON III (MB 212)	5.2	6.1	6.1	5.8	6.0
TAR HEEL	5.2	6.0	6.0	6.1	6.0
MB 29	5.6	6.2	6.2	5.8	5.9
CU9502T	5.3	6.2	6.1	5.9	5.9
CU9501T	5.5	6.1	6.0	5.9	5.9
GAZELLE	5.4	6.1	5.9	5.9	5.9
ONCUE (PST-523)	5.1	6.1	6.0	5.8	5.9
MB 26	5.4	6.2	5.9	5.6	5.9
PST-5TO	5.0	6.0	6.0	5.9	5.9
RED COAT (ATF-038)	5.1	6.0	6.0	5.8	5.9
OFI-931	5.4	6.1	6.1	5.7	5.9
DURANA (MB 211)	5.1	6.1	5.8	5.8	5.9
SOUTHERN CHOICE	5.2	6.1	6.0	5.7	5.9
ARID 3 (J-98)	5.4	6.1	6.0	5.8	5.9
MB 215	5.3	6.2	6.0	5.9	5.9
MB 28	5.2	6.0	6.0	5.9	5.8
ZANZIBAR (ZPS-5LZ)	5.2	6.1	6.1	5.8	5.8
MB 216	5.3	6.1	6.0	5.9	5.8
BARRINGTON (BAR FA6D USA)	5.2	6.1	5.9	5.8	5.8
WYATT (ATF-188)	5.1	5.9	5.8	5.8	5.8
BANDANA (PST-R5AE)	5.3	6.1	5.9	5.6	5.8
R5AU	5.0	6.0	6.0	5.7	5.8
CORONADO	5.1	5.8	5.9	5.9	5.8
CHAPEL HILL (TA-7)	5.0	6.1	5.8	5.8	5.8
BRAVO (RG-93)	5.0	6.0	5.9	5.8	5.8
EMPRESS	5.6	5.9	5.9	5.7	5.8
WILDFIRE (ATF-196)	5.2	5.9	5.8	5.9	5.8
MB 213	5.1	6.0	5.9	5.7	5.8
RESERVE (ATF-182)	5.2	6.0	5.9	5.7	5.8
OFI-951	5.4	5.9	5.9	5.7	5.8

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	1997	1998	1999	2000	MEAN
SR 8210	5.2	5.9	5.9	5.7	5.8
OFI-96-31	5.3	5.9	5.8	5.7	5.8
TULSA	5.2	6.0	5.8	5.6	5.8
BRANDY (J-101)	5.3	6.0	5.8	5.8	5.8
PICK FA 20-92	5.1	5.8	5.9	5.8	5.8
MB 214	5.4	6.1	6.0	5.7	5.8
AIRLIE (MB 210)	5.1	5.9	5.8	5.8	5.8
ANICHEM II (TMI-FMN)	5.0	5.8	5.8	5.7	5.8
PICK FA N-93	5.1	5.7	6.0	6.0	5.8
ALAMO E	5.1	5.9	5.8	5.7	5.8
PIXIE E+	5.3	6.2	5.9	5.7	5.7
LION	5.0	6.1	5.8	5.7	5.7
REBEL 2000 (AA-989)	5.4	6.1	5.9	5.9	5.7
BARRERA (BAR FA6 US3)	5.5	6.0	5.9	5.6	5.7
BAR FA 6D	5.2	6.0	5.8	5.6	5.7
MUSTANG II	5.1	5.8	5.8	5.7	5.7
BAR FA6 US2U	5.3	5.9	5.9	5.7	5.7
TF 66 (BAR FA6 US6F)	5.2	6.0	6.0	5.5	5.7
BARLEXAS II (BAR FA 6LV)	5.2	5.8	5.8	5.7	5.7
DUSTER	5.3	5.9	5.9	5.6	5.7
ATF-257	4.8	5.8	5.9	5.6	5.7
BONSAI 2000 (BULLET)	5.0	5.8	5.9	5.6	5.7
TWILIGHT II (TMI-TW)	5.1	6.0	5.9	5.6	5.7
REGIMENT	5.0	6.0	5.9	5.5	5.7
SUNPRO	5.1	5.9	5.8	5.5	5.7
SR 8500 (SRX 8500)	5.1	5.8	5.7	5.6	5.7
EA 41	5.3	6.1	5.8	5.5	5.7
PICK FA XK-95	4.9	5.7	5.8	5.7	5.7
ISI-TF11	5.1	6.0	5.9	5.5	5.7
BULLDAWG (PICK GA-96)	5.1	5.9	5.8	5.6	5.7
APACHE II	5.1	5.8	5.8	5.7	5.7
ISI-TF9	5.0	5.9	5.7	5.6	5.7
RENEGADE	5.2	6.1	5.8	5.5	5.7
FALCON II	5.2	5.9	5.9	5.6	5.7
TOMAHAWK-E	5.1	5.8	5.8	5.7	5.7
CORONADO GOLD (PST-5RT)	4.9	5.9	5.7	5.5	5.6
AZTEC II (TMI-AZ)	4.9	5.9	5.7	5.5	5.6
ARID II (J-3)	5.2	5.9	5.8	5.5	5.6
OFI-FWY	5.3	5.8	5.7	5.6	5.6
TRACER (BAR FA6 US1)	5.1	5.9	5.7	5.6	5.6
FINELAWN PETITE	4.9	5.8	5.8	5.7	5.6
GENESIS	5.1	6.1	5.9	5.5	5.6
GOOD-EN (KOOS 96-14)	4.9	5.9	5.8	5.5	5.6
SAFARI	5.0	6.0	5.7	5.5	5.6
ATF-253	4.9	5.7	5.7	5.6	5.6

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
SHENANDOAH	5.1	5.9	5.7	5.5	5.6
VELOCITY (AA-983)	5.1	6.1	5.7	5.5	5.6
ISI-TF10	5.0	5.9	5.6	5.5	5.6
ARABIA (J-5)	5.1	5.8	5.6	5.5	5.6
GLEN EAGLE (EC-101)	4.8	5.8	5.7	5.4	5.6
MARKSMAN	4.8	5.8	5.7	5.4	5.6
PSII-TF-9	5.1	5.8	5.7	5.4	5.6
COCHISE II	5.1	5.8	5.6	5.4	5.5
COMSTOCK (SSDE31)	4.9	5.9	5.6	5.4	5.5
ATF-020	5.0	5.8	5.7	5.4	5.5
PEDESTAL (PC-AO)	5.0	5.8	5.6	5.5	5.5
HELIX (WVPB-1D)	4.7	5.8	5.6	5.3	5.5
PRO 8430	4.8	5.8	5.6	5.5	5.5
LEPRECHAUN	5.3	5.8	5.7	5.3	5.5
OFI-96-32	4.9	5.8	5.6	5.3	5.5
WPEZE (WVPB-1C)	5.0	5.8	5.7	5.4	5.5
ARIZONA (PICK FA 6-91)	5.2	5.8	5.8	5.4	5.5
ATF-022	4.7	5.8	5.7	5.4	5.5
WVPB-1B	4.7	5.8	5.6	5.4	5.5
PICK FA 15-92	4.9	5.5	5.5	5.5	5.5
SHORTSTOP II	5.2	5.7	5.6	5.4	5.4
EQUINOX (TMI-N91)	4.9	5.7	5.5	5.2	5.4
AXIOM (ATF-192)	4.8	5.5	5.6	5.4	5.4
WX3-275	4.8	5.7	5.4	5.3	5.4
SRX 8084	4.9	5.8	5.4	5.2	5.4
KITTY HAWK S.S.T. (SS45DW)	4.8	5.7	5.4	5.4	5.4
PSII-TF-10	4.9	5.8	5.5	5.2	5.4
JSC-1	4.8	5.6	5.6	5.3	5.4
TITAN 2	4.9	5.8	5.3	5.2	5.3
BONSAI	4.8	5.7	5.4	5.1	5.3
JTTEA-96	4.8	5.6	5.4	5.0	5.3
DP 50-9011	4.7	5.7	5.5	5.0	5.3
JTTFC-96	4.7	5.6	5.3	5.0	5.3
PICK FA UT-93	5.2	5.3	5.4	5.2	5.2
DLF-1	4.7	5.5	5.1	4.7	5.0
ARID	4.7	5.4	4.9	4.7	4.9
DP 7952	4.7	5.4	5.0	4.6	4.9
AV-1	4.4	5.3	4.9	4.6	4.8
KENTUCKY-31 W/ENDO.	3.9	4.4	3.4	3.2	3.8
LSD VALUE	0.3	0.3	0.3	0.3	0.2
C.V. (%)	7.9	7.5	8.7	8.0	11.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - MD1 MO3 VA4 WA1;
1998 DATA - MD1 MI1 MO3 OH1 OK1 VA1 VA4 WA1;
1999 DATA - MD1 MO3 NJ2 OH1 VA1 UT1 WA1;
2000 DATA - MD1 MO3 NJ1 VA1 VA4 UT1 WA1.

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/				MEAN
	1997	1998	1999	2000	
REMBRANDT (LTP-4026 E+)	6.7	6.4	6.9	6.9	6.6
MILLENNIUM (TMI-RBR)	6.7	6.2	6.8	6.9	6.5
PLANTATION (PENNINGTON-1901)	6.6	6.3	6.7	6.8	6.4
MASTERPIECE (LTP-SD-TF)	6.3	6.1	6.8	6.9	6.3
DYNASTY (PICK RT-95)	6.3	6.1	6.7	6.9	6.3
SHENANDOAH II (WRS2)	6.3	6.1	6.5	6.9	6.2
ARID 3 (J-98)	6.6	6.0	6.5	6.5	6.2
SCORPIO (ZPS-2PTF)	6.4	6.1	6.6	6.7	6.2
CROSSFIRE II	6.3	6.1	6.7	6.8	6.2
JAGUAR 3	6.4	6.0	6.6	6.9	6.2
WATCHDOG (PICK FA B-93)	6.3	5.9	6.5	6.6	6.2
REBEL SENTRY (AA-A91)	6.5	5.8	6.3	6.6	6.1
BRANDY (J-101)	6.4	5.8	6.3	6.5	6.1
CU9502T	6.5	5.8	6.5	6.5	6.1
GAZELLE	6.2	5.9	6.5	6.7	6.1
MB 26	6.4	5.8	6.4	6.6	6.1
COYOTE	6.2	5.8	6.5	6.7	6.1
BAR FA 6D	6.4	5.7	6.4	6.4	6.1
MUSTANG II	6.4	5.8	6.2	6.5	6.1
FALCON III (MB 212)	6.3	5.8	6.6	6.7	6.1
TAR HEEL	6.1	5.9	6.4	6.6	6.1
BARRERA (BAR FA6 US3)	6.3	5.8	6.4	6.6	6.0
ONCUE (PST-523)	6.2	5.9	6.3	6.5	6.0
BONSAI 2000 (BULLET)	6.3	5.9	6.3	6.5	6.0
CU9501T	6.4	5.6	6.4	6.6	6.0
MB 29	6.3	5.6	6.5	6.6	6.0
DURANA (MB 211)	6.3	5.8	6.4	6.6	6.0
OLYMPIC GOLD (PST-5E5)	6.2	5.8	6.5	6.7	6.0
WILDFIRE (ATF-196)	6.2	5.8	6.3	6.5	6.0
SOUTHERN CHOICE	6.5	5.7	6.2	6.4	6.0
MB 213	6.3	5.7	6.5	6.6	6.0
GENESIS	6.4	5.7	6.2	6.3	6.0
ARID II (J-3)	6.4	5.7	6.1	6.3	6.0
OFI-931	6.3	5.7	6.2	6.4	6.0
OFI-96-31	6.4	5.6	6.2	6.3	6.0
BARLEXAS II (BAR FA 6LV)	6.3	5.7	6.4	6.4	6.0
RESERVE (ATF-182)	6.3	5.7	6.2	6.3	6.0
MB 28	6.3	5.6	6.3	6.4	6.0
BAR FA6 US2U	6.1	5.7	6.5	6.3	6.0
AZTEC II (TMI-AZ)	6.3	5.7	6.2	6.3	6.0
MB 214	6.3	5.6	6.3	6.5	6.0
SR 8210	6.3	5.5	6.2	6.3	6.0
EMPRESS	6.1	5.8	6.3	6.4	5.9
ANTHEM II (TMI-FMN)	6.2	5.8	6.2	6.3	5.9
APACHE II	6.2	5.6	6.3	6.2	5.9

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	1997	1998	1999	2000	MEAN
TRACER (BAR FA6 US1)	6.1	5.6	6.5	6.5	5.9
AIRLIE (MB 210)	6.3	5.7	6.2	6.5	5.9
DUSTER	6.3	5.6	6.1	6.3	5.9
OFI-951	6.1	5.5	6.2	6.5	5.9
RED COAT (ATF-038)	6.3	5.5	6.3	6.5	5.9
WYATT (ATF-188)	6.2	5.7	6.2	6.3	5.9
PICK FA 15-92	6.2	5.5	6.1	6.2	5.9
BULLDAWG (PICK GA-96)	6.2	5.7	6.2	6.3	5.9
CORONADO	6.1	5.7	6.2	6.3	5.9
REBEL 2000 (AA-989)	6.2	5.5	6.3	6.3	5.9
WOLFPACK (PST-R5TK)	6.0	5.7	6.3	6.5	5.9
BRAVO (RG-93)	6.2	5.6	6.2	6.4	5.9
SR 8500 (SRX 8500)	6.1	5.7	6.1	6.4	5.9
TULSA	6.3	5.5	6.1	6.4	5.9
CHAPEL HILL (TA-7)	6.3	5.6	6.1	6.3	5.9
ATF-257	6.0	5.7	6.2	6.7	5.9
PIXIE E+	6.4	5.6	5.9	6.2	5.9
PICK FA XK-95	6.0	5.6	6.2	6.3	5.9
ISI-TF11	6.2	5.7	6.0	6.3	5.9
BARRINGTON (BAR FA6D USA)	6.1	5.7	6.4	6.5	5.9
ALAMO E	6.1	5.5	6.0	6.4	5.9
SUNPRO	6.0	5.7	6.3	6.4	5.9
DOMINION (PST-5M5)	6.0	5.7	6.3	6.6	5.9
PICK FA 20-92	6.2	5.6	6.0	6.3	5.9
ISI-TF9	6.2	5.6	6.1	6.3	5.9
ZANZIBAR (ZPS-5LZ)	6.0	5.7	6.3	6.5	5.9
WX3-275	6.0	5.6	6.1	6.3	5.8
R5AU	6.0	5.6	6.2	6.5	5.8
MB 216	6.1	5.5	6.2	6.2	5.8
PST-5TO	5.8	5.6	6.3	6.5	5.8
SHENANDOAH	6.3	5.6	6.0	6.0	5.8
ARABIA (J-5)	6.0	5.5	6.2	6.3	5.8
SHORTSTOP II	6.1	5.5	6.0	6.2	5.8
MB 215	6.1	5.4	6.2	6.4	5.8
RENEGADE	6.4	5.4	5.9	6.2	5.8
SAFARI	6.2	5.5	6.0	6.2	5.8
ATF-022	6.1	5.5	6.0	6.3	5.8
BANDANA (PST-R5AE)	6.0	5.4	6.2	6.5	5.8
VELOCITY (AA-983)	6.1	5.4	6.0	6.4	5.8
REGIMENT	6.3	5.4	6.0	6.1	5.8
COCHISE II	6.1	5.4	6.1	6.2	5.8
OFI-FWY	6.0	5.5	6.2	6.4	5.8
PRO 8430	6.1	5.6	5.9	6.2	5.8
PICK FA N-93	5.7	5.6	6.2	6.3	5.7
LION	5.9	5.4	6.0	6.3	5.7

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
TWILIGHT II (TMI-TW)	5.9	5.5	6.0	6.2	5.7
ARIZONA (PICK FA 6-91)	6.1	5.3	5.9	6.3	5.7
TF 66 (BAR FA6 US6F)	5.9	5.3	6.2	6.4	5.7
TOMAHAWK-E	6.0	5.4	6.0	6.3	5.7
FALCON II	6.2	5.4	6.0	6.3	5.7
ATF-020	6.1	5.4	5.9	6.4	5.7
ISI-TF10	6.0	5.3	6.0	6.2	5.7
FINELAWN PETITE	6.1	5.4	5.9	5.9	5.7
CORONADO GOLD (PST-5RT)	5.8	5.4	6.2	6.2	5.7
ATF-253	5.8	5.5	6.0	6.4	5.7
OFI-96-32	6.3	5.3	5.7	5.9	5.7
TITAN 2	6.2	5.4	5.6	5.9	5.7
EA 41	5.8	5.3	6.1	6.2	5.7
MARKSMAN	6.1	5.4	5.9	6.1	5.7
GLEN EAGLE (EC-101)	6.1	5.3	5.9	6.1	5.6
PSII-TF-9	6.2	5.3	5.7	5.9	5.6
PEDESTAL (PC-AO)	6.1	5.4	6.0	6.1	5.6
GOOD-EN (KOOS 96-14)	6.1	5.4	5.6	5.7	5.6
KITTY HAWK S.S.T. (SS45DW)	6.0	5.4	5.8	6.0	5.6
PICK FA UT-93	5.7	5.3	5.9	6.0	5.6
WVPB-1B	6.1	5.3	5.8	5.9	5.6
PSII-TF-10	6.1	5.3	5.7	6.0	5.6
DP 50-9011	6.0	5.2	5.9	6.1	5.6
EQUINOX (TMI-N91)	5.9	5.2	5.7	6.0	5.6
WPEZE (WVPB-1C)	6.2	5.2	5.6	5.6	5.6
SRX 8084	6.0	5.3	5.7	6.1	5.5
LEPRECHAUN	6.1	5.2	5.7	5.8	5.5
HELIX (WVPB-1D)	6.0	5.2	5.8	5.8	5.5
COMSTOCK (SSDE31)	5.8	5.1	5.8	6.0	5.5
BONSAI	6.0	5.2	5.5	5.8	5.4
AXIOM (ATF-192)	5.7	5.2	5.5	5.9	5.4
JSC-1	5.9	5.0	5.6	5.8	5.4
JTTFC-96	5.7	5.0	5.6	5.9	5.3
JTTFA-96	5.6	4.9	5.3	5.5	5.2
DLF-1	5.7	4.7	5.2	5.6	5.1
ARID	5.7	4.7	5.0	5.2	5.0
DP 7952	5.6	4.7	4.8	5.1	4.9
AV-1	5.5	4.3	4.8	5.2	4.8
KENTUCKY-31 W/ENDO.	4.7	3.2	3.4	3.5	3.8
LSD VALUE	0.3	0.3	0.2	0.2	0.2
C.V. (%)	10.2	10.2	6.9	7.0	11.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - CA1 IL1 IL2 IN1 KS2 KY1 NE1 NY1 OH1 OK1 RI1 SC2 UT1;
1998 DATA - CA1 IL1 IL2 IN1 KS2 KY1 NE1 NJ1 NJ2 NY1 SC2 UT1;
1999 DATA - AR1 CA1 IN1 KS2 KY1 NE1 NJ1 OK1;
2000 DATA - AR1 CA1 IL2 IN1 KS2 KY1 NE1 OK1.

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF				MEAN
	1997	1998	1999	2000	
MILLENNIUM (TMI-RBR)	5.6	6.0	5.7	5.7	5.7
PLANTATION (PENNINGTON-1901)	5.6	6.2	5.7	6.0	5.7
REMBRANDT (LTP-4026 E+)	5.5	6.2	5.6	6.1	5.6
MB 29	5.4	6.1	5.4	5.6	5.5
MB 26	5.3	6.0	5.4	5.7	5.5
COYOTE	5.2	5.9	5.5	6.1	5.5
PICK FA XK-95	5.4	5.7	5.4	5.7	5.4
ARID 3 (J-98)	5.3	5.7	5.2	5.4	5.4
SCORPIO (ZPS-2PTF)	5.2	6.2	5.8	5.8	5.4
TAR HEEL	5.2	5.8	5.5	6.2	5.4
DYNASTY (PICK RT-95)	5.3	5.9	5.6	6.0	5.4
SHENANDOAH II (WRS2)	5.2	6.1	5.6	5.9	5.4
CORONADO	5.4	5.7	5.5	5.6	5.4
BARRERA (BAR FA6 US3)	5.3	5.8	5.4	5.3	5.4
MB 213	5.2	6.0	5.3	5.4	5.4
GAZELLE	5.3	5.4	5.5	5.5	5.3
CROSSFIRE II	5.2	5.8	5.4	6.0	5.3
BAR FA6 US2U	5.2	5.8	5.3	5.6	5.3
SR 8500 (SRX 8500)	5.2	5.7	5.3	5.7	5.3
MB 214	5.2	5.7	5.4	5.5	5.3
BRANDY (J-101)	5.0	5.7	5.5	5.7	5.3
BAR FA 6D	5.1	5.7	5.5	5.8	5.3
REBEL SENTRY (AA-A91)	5.1	5.8	5.3	5.7	5.3
CHAPEL HILL (TA-7)	5.1	5.7	5.4	5.6	5.3
OFI-96-31	5.1	5.6	5.4	5.7	5.3
ISI-TF10	5.2	5.8	5.3	5.5	5.3
ZANZIBAR (ZPS-5LZ)	5.1	5.7	5.3	5.4	5.3
WATCHDOG (PICK FA B-93)	5.1	5.9	5.3	5.7	5.3
SUNPRO	5.1	5.7	5.2	5.7	5.3
BARLEXAS II (BAR FA 6LV)	5.2	5.5	5.5	5.9	5.3
FALCON III (MB 212)	5.2	5.7	5.3	5.5	5.3
SOUTHERN CHOICE	5.2	5.8	5.1	5.9	5.3
APACHE II	5.2	5.7	5.1	5.6	5.3
ONCUE (PST-523)	5.1	5.9	5.4	5.5	5.3
MB 215	5.0	5.9	5.3	5.6	5.2
MB 28	5.1	5.8	5.1	5.4	5.2
OLYMPIC GOLD (PST-5E5)	5.0	5.9	5.3	6.0	5.2
REBEL 2000 (AA-989)	5.1	5.7	5.1	5.3	5.2
DURANA (MB 211)	5.1	6.0	5.1	5.8	5.2
TRACER (BAR FA6 US1)	5.1	5.6	5.5	5.4	5.2
RENEGADE	5.2	5.5	5.3	5.7	5.2
MASTERPIECE (LTP-SD-TF)	5.1	5.8	5.3	5.6	5.2
GENESIS	5.1	5.6	5.2	5.4	5.2
WILDFIRE (ATF-196)	5.1	5.7	5.5	5.7	5.2
RED COAT (ATF-038)	5.0	6.0	5.2	5.5	5.2

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	1997	1998	1999	2000	MEAN
TF 66 (BAR FA6 US6F)	5.1	5.5	5.4	5.8	5.2
MB 216	5.1	5.7	5.1	5.6	5.2
ARABIA (J-5)	4.9	5.7	5.2	5.5	5.2
DOMINION (PST-5M5)	4.9	6.1	5.3	5.6	5.1
BONSAI 2000 (BULLET)	5.0	5.4	5.1	5.6	5.1
PICK FA 20-92	5.0	5.4	5.4	5.7	5.1
BARRINGTON (BAR FA6D USA)	4.9	5.5	5.2	5.5	5.1
AZTEC II (TMI-AZ)	5.0	5.3	5.4	5.8	5.1
CU9501T	4.9	5.6	5.2	5.5	5.1
AIRLIE (MB 210)	5.0	5.7	5.3	5.5	5.1
SR 8210	4.9	5.6	5.2	5.8	5.1
ARID II (J-3)	4.8	5.5	5.0	5.5	5.1
ALAMO E	5.0	5.7	5.3	5.6	5.1
EMPRESS	5.0	5.5	5.1	5.7	5.1
WOLFPACK (PST-R5TK)	5.0	5.7	5.4	5.7	5.1
TWILIGHT II (TMI-TW)	5.0	5.5	5.2	5.5	5.1
OFI-931	5.0	5.5	5.4	5.4	5.1
R5AU	4.8	5.8	5.7	5.8	5.1
ANIHEM II (TMI-FMN)	5.0	5.6	4.9	5.5	5.1
TULSA	4.8	5.9	5.2	5.4	5.1
ARIZONA (PICK FA 6-91)	4.8	5.5	5.2	5.4	5.1
BRAVO (RG-93)	4.9	5.6	5.1	5.5	5.1
JAGUAR 3	4.7	6.2	5.0	5.7	5.1
CU9502T	5.0	5.4	5.4	5.5	5.1
EA 41	4.9	5.8	5.2	5.8	5.1
OFI-FWY	5.0	5.6	5.2	5.4	5.1
CORONADO GOLD (PST-5RT)	4.7	5.9	5.3	5.9	5.1
REGIMENT	5.1	5.4	5.0	5.3	5.0
OFI-951	4.7	5.7	5.2	5.6	5.0
SHORTSTOP II	4.9	5.5	5.1	5.3	5.0
ISI-TF9	4.9	5.6	5.1	5.4	5.0
BULLDAWG (PICK GA-96)	4.9	5.4	5.2	5.2	5.0
ISI-TF11	4.9	5.6	4.9	5.9	5.0
PST-5TO	4.7	5.8	5.2	6.2	5.0
RESERVE (ATF-182)	4.7	5.7	5.2	5.5	5.0
WVEB-1B	5.0	5.2	4.9	5.2	5.0
FALCON II	4.9	5.2	5.0	5.5	4.9
MUSTANG II	4.8	5.7	4.9	5.5	4.9
DUSTER	4.7	5.4	5.3	5.8	4.9
SHENANDOAH	5.0	5.4	4.8	5.4	4.9
GOOD-EN (KOOS 96-14)	5.0	5.3	4.7	4.8	4.9
LION	4.6	6.0	5.2	5.7	4.9
PIXIE E+	4.8	5.4	5.2	5.6	4.9
PICK FA N-93	4.6	5.3	5.5	5.6	4.9
ATF-253	4.7	5.6	5.1	5.4	4.9

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
OFI-96-32	4.9	5.5	4.9	5.0	4.9
PICK FA 15-92	4.6	5.6	5.3	5.2	4.9
MARKSMAN	4.9	5.3	4.9	5.4	4.9
HELIX (WVPB-1D)	4.9	5.3	4.9	5.1	4.9
FINELAWN PETITE	4.8	5.4	4.8	5.1	4.9
COCHISE II	4.6	5.8	5.1	5.3	4.9
VELOCITY (AA-983)	4.5	5.7	5.1	5.5	4.8
GLEN EAGLE (EC-101)	4.7	5.4	5.0	5.4	4.8
LEPRECHAUN	4.7	5.3	5.2	5.6	4.8
ATF-022	4.6	5.5	4.9	5.2	4.8
WPEZE (WVPB-1C)	4.9	5.2	4.5	4.5	4.8
WYATT (ATF-188)	4.5	5.4	5.2	5.6	4.8
PSII-TF-9	4.7	5.3	4.6	5.5	4.8
SAFARI	4.8	5.3	5.0	5.4	4.8
WX3-275	4.6	5.3	5.1	5.5	4.8
ATF-257	4.5	5.6	5.1	5.6	4.8
ATF-020	4.6	5.4	4.8	5.1	4.7
COMSTOCK (SSDE31)	4.6	5.5	4.9	5.0	4.7
BANDANA (PST-R5AE)	4.4	5.5	5.4	5.6	4.7
PICK FA UT-93	4.4	5.1	5.1	5.2	4.7
TOMAHAWK-E	4.5	5.2	5.2	5.4	4.7
EQUINOX (TMI-N91)	4.5	5.3	5.0	5.3	4.7
SRX 8084	4.6	5.3	4.9	5.2	4.7
PEDESTAL (PC-AO)	4.5	5.1	5.0	5.4	4.6
PSII-TF-10	4.5	5.2	4.6	5.2	4.6
TITAN 2	4.5	5.3	4.5	5.4	4.6
DP 50-9011	4.3	5.2	5.2	5.6	4.6
PRO 8430	4.3	5.5	5.2	5.5	4.6
AXIOM (ATF-192)	4.4	5.3	5.1	5.2	4.6
KITTY HAWK S.S.T. (SS45DW)	4.4	5.0	5.0	5.0	4.5
BONSAI	4.3	5.2	5.1	5.0	4.5
JTTEC-96	4.3	5.2	4.8	5.5	4.4
JTTEA-96	4.3	4.9	4.4	5.0	4.4
JSC-1	4.1	4.9	4.6	5.1	4.4
ARID	4.1	4.9	4.3	5.0	4.1
DLF-1	4.0	4.9	4.4	5.0	4.1
DP 7952	3.8	4.6	4.1	4.8	3.9
AV-1	3.7	4.4	4.3	5.1	3.9
KENTUCKY-31 W/ENDO.	3.0	4.1	4.0	4.0	3.2
LSD VALUE	0.4	0.4	0.4	0.5	0.3
C.V. (%)	13.8	7.9	7.0	7.4	11.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - AR1 MO1 NJ1 NJ2 VA1;
1998 DATA - AR1 CA3 MO1;
1999 DATA - CA3 MO1;
2000 DATA - CA3 MO1.

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN AT A 0.6-1.5 INCH MOWING HEIGHT 1/
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/

NAME	1997	1998	1999	2000	MEAN
PLANTATION (PENNINGTON-1901)	6.9	6.5	6.7	6.4	6.9
MILLENNIUM (TMI-RBR)	7.0	6.5	6.7	6.3	6.9
REMBRANDT (LTP-4026 E+)	6.4	6.5	6.8	6.4	6.7
ARID 3 (J-98)	6.8	6.3	6.1	5.6	6.6
MB 26	6.8	6.2	6.1	5.4	6.5
CROSSFIRE II	6.4	6.3	6.5	6.0	6.5
SCORPIO (ZPS-2PTF)	6.2	6.2	6.4	6.2	6.5
SHENANDOAH II (WRS2)	6.4	6.2	6.2	5.9	6.5
DYNASTY (PICK RT-95)	6.2	6.3	6.6	6.1	6.5
JAGUAR 3	6.1	6.1	6.4	5.8	6.4
MASTERPIECE (LTP-SD-TF)	6.2	6.2	6.6	6.1	6.4
TRACER (BAR FA6 US1)	6.6	6.0	6.1	5.2	6.4
COYOTE	6.2	6.0	6.3	6.1	6.3
OLYMPIC GOLD (PST-5E5)	6.1	6.0	6.0	5.7	6.3
CU9502T	6.1	6.0	6.3	5.4	6.3
BARRERA (BAR FA6 US3)	6.6	6.0	6.1	4.9	6.3
GAZELLE	6.3	6.0	6.2	6.0	6.3
REBEL SENTRY (AA-A91)	6.4	5.9	6.1	5.7	6.3
BRANDY (J-101)	6.5	5.9	5.8	5.4	6.3
MB 29	6.6	5.8	6.0	5.5	6.2
CU9501T	6.1	5.8	6.2	6.0	6.2
MB 214	6.6	5.8	5.6	5.0	6.2
MB 213	6.5	6.0	5.9	5.0	6.2
WATCHDOG (PICK FA B-93)	6.1	6.0	6.2	5.7	6.2
OFI-96-31	6.5	5.8	5.9	5.3	6.2
BULLDAWG (PICK GA-96)	6.3	5.9	5.7	5.4	6.2
WILDFIRE (ATF-196)	6.1	5.9	5.8	6.0	6.2
ARID II (J-3)	6.4	5.8	5.8	5.2	6.2
BAR FA6 US2U	6.5	5.7	6.1	4.9	6.2
SOUTHERN CHOICE	6.2	5.9	5.9	5.4	6.2
BAR FA 6D	6.4	5.8	5.9	5.1	6.1
MB 28	6.5	5.6	6.0	5.2	6.1
PICK FA 20-92	6.4	5.9	5.6	5.5	6.1
RED COAT (ATF-038)	6.2	5.6	5.8	5.5	6.1
BARLEXAS II (BAR FA 6LV)	6.3	5.8	5.8	5.3	6.1
SUNPRO	6.1	5.9	6.1	5.4	6.1
BONSAI 2000 (BULLET)	5.9	5.9	6.1	5.6	6.1
OFI-931	6.1	5.9	5.8	5.2	6.1
ZANZIBAR (ZPS-5LZ)	6.3	5.8	5.9	5.0	6.1
DURANA (MB 211)	6.0	5.8	5.9	5.3	6.1
AZTEC II (TMI-AZ)	6.0	5.9	5.7	5.2	6.1
BRAVO (RG-93)	6.0	5.6	5.9	5.6	6.1
TAR HEEL	6.0	5.8	6.2	5.5	6.1
CHAPEL HILL (TA-7)	6.4	5.7	5.7	5.3	6.1
PICK FA XK-95	6.1	5.8	5.8	5.6	6.1

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 0.6-1.5 INCH MOWING HEIGHT
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
ONCUE (PST-523)	5.9	5.8	6.0	5.6	6.1
CORONADO	6.1	5.8	6.0	5.7	6.1
SR 8500 (SRX 8500)	6.2	5.8	5.8	5.5	6.1
WYATT (ATF-188)	5.7	5.8	6.0	5.5	6.1
FALCON III (MB 212)	5.8	5.8	6.3	5.6	6.0
OFI-951	6.1	5.8	5.7	5.3	6.0
AIRLIE (MB 210)	6.1	5.6	5.7	5.3	6.0
SHORTSTOP II	6.2	5.7	5.6	5.2	6.0
REBEL 2000 (AA-989)	6.3	5.6	5.6	4.9	6.0
SR 8210	6.0	5.7	5.8	5.0	6.0
APACHE II	6.3	5.7	5.9	5.0	6.0
RESERVE (ATF-182)	5.8	5.7	5.7	5.2	6.0
BARRINGTON (BAR FA6D USA)	6.1	5.8	6.0	5.1	6.0
ANTHEM II (TMI-FMN)	5.9	5.7	6.0	5.3	6.0
PICK FA N-93	5.8	5.8	5.9	5.5	6.0
EMERESS	5.9	5.9	5.9	5.2	6.0
GENESIS	6.2	5.6	5.6	4.6	6.0
MUSTANG II	5.8	5.7	5.7	5.3	5.9
RENEGADE	6.2	5.5	5.4	4.8	5.9
WX3-275	5.9	5.8	5.6	4.6	5.9
MB 216	6.2	5.6	5.6	4.8	5.9
ARABIA (J-5)	6.1	5.5	5.6	5.1	5.9
ALAMO E	5.7	5.6	5.5	5.6	5.9
OFI-FWY	6.0	5.6	5.7	4.9	5.9
MB 215	6.1	5.5	5.4	5.0	5.9
PST-5TO	5.5	5.7	5.9	5.3	5.8
COCHISE II	5.8	5.6	5.4	4.6	5.8
ISI-TF9	5.9	5.7	5.6	4.9	5.8
ISI-TF11	5.7	5.6	5.5	5.0	5.8
WOLFPACK (PST-R5TK)	5.5	5.7	6.0	5.4	5.8
SHENANDOAH	5.8	5.6	5.5	4.6	5.8
ISI-TF10	6.1	5.4	5.5	4.8	5.8
DUSTIER	5.9	5.5	5.5	4.8	5.8
ATF-257	5.3	5.7	5.6	5.7	5.8
PICK FA 15-92	5.9	5.6	5.7	5.2	5.8
DOMINION (PST-5M5)	5.6	5.5	6.0	5.6	5.8
REGIMENT	5.8	5.3	5.7	5.2	5.8
GOOD-EN (KOOS 96-14)	6.0	5.4	5.3	4.7	5.8
PIXIE E+	5.9	5.5	5.3	4.7	5.8
SAFARI	5.6	5.5	5.2	4.8	5.8
TULSA	5.6	5.4	5.6	5.2	5.7
VELOCITY (AA-983)	5.9	5.4	5.3	4.8	5.7
CORONADO GOLD (PST-5RT)	5.5	5.5	5.6	5.2	5.7
PEDESTAL (PC-AO)	5.7	5.5	5.5	4.6	5.7
ATF-022	5.8	5.4	5.3	4.8	5.7

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 0.6-1.5 INCH MOWING HEIGHT
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
PICK FA UT-93	5.7	5.5	5.3	4.8	5.7
TWILIGHT II (TMI-TW)	5.8	5.5	5.6	4.8	5.7
FINELAWN PETITE	5.7	5.4	5.4	4.8	5.7
FALCON II	5.8	5.3	5.5	5.0	5.7
BANDANA (PST-R5AE)	5.2	5.4	5.6	5.4	5.7
PRO 8430	5.4	5.5	5.2	5.1	5.7
ATF-020	5.7	5.3	5.3	5.2	5.7
TOMAHAWK-E	5.6	5.4	5.4	5.0	5.7
MARKSMAN	5.6	5.4	5.4	4.7	5.6
PSII-TF-10	5.7	5.4	5.2	4.8	5.6
WPEZE (WVPB-1C)	5.9	5.2	5.0	4.5	5.6
OFI-96-32	5.8	5.2	5.3	4.6	5.6
HELIX (WVPB-1D)	5.7	5.2	5.4	4.8	5.6
PSII-TF-9	5.7	5.3	5.2	4.5	5.6
GLEN EAGLE (EC-101)	5.7	5.3	5.3	4.7	5.6
LEPRECHAUN	5.7	5.2	5.2	4.5	5.6
EA 41	5.4	5.5	5.5	4.5	5.6
TITAN 2	5.6	5.4	5.0	4.3	5.6
KITTY HAWK S.S.T. (SS45DW)	5.4	5.3	5.2	4.7	5.6
TF 66 (BAR FA6 US6F)	5.4	5.3	5.7	4.8	5.5
LION	5.3	5.4	5.5	4.8	5.5
WVPB-1B	5.7	5.2	5.2	4.6	5.5
DP 50-9011	5.3	5.2	5.2	4.3	5.5
SRX 8084	5.4	5.3	5.2	4.6	5.5
ATF-253	5.1	5.3	5.6	5.2	5.5
ARIZONA (PICK FA 6-91)	5.8	5.3	5.1	4.5	5.4
R5AU	5.0	5.2	5.6	5.4	5.4
JSC-1	5.3	5.1	5.1	4.4	5.4
BONSAI	5.4	5.2	4.8	4.5	5.4
EQUINOX (TMI-N91)	5.1	5.0	5.1	4.8	5.3
COMSTOCK (SSDE31)	5.2	5.1	5.2	4.4	5.3
JTTEA-96	4.7	4.8	4.9	4.1	5.1
JTTFC-96	4.8	4.9	5.0	4.1	5.1
AXIOM (ATF-192)	4.8	4.9	4.7	4.7	5.1
DP 7952	4.6	4.6	4.0	3.4	4.8
ARID	4.5	4.6	4.2	3.4	4.7
DLF-1	4.4	4.4	4.4	3.6	4.6
AV-1	4.3	4.1	4.0	3.1	4.3
KENTUCKY-31 W/ENDO.	3.3	3.0	2.5	1.6	3.3
LSD VALUE	0.5	0.4	0.4	0.6	0.3
C.V. (%)	12.7	9.7	9.1	12.5	13.1

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - KY1 NE1 NJ1 NJ2 NY1;
1998 DATA - KY1 NE1 NJ1 NJ2 NY1 OH1;
1999 DATA - KY1 NE1 NJ1 NJ2;
2000 DATA - NE1 NJ1 NJ2.

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN AT A 1.6-2.0 INCH MOWING HEIGHT 1/
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/				MEAN
	1997	1998	1999	2000	
PLANTATION (PENNINGTON-1901)	6.8	6.3	6.5	6.4	6.8
REMBRANDT (LTP-4026 E+)	6.8	6.3	6.5	6.5	6.8
MILLENNIUM (TMI-RBR)	6.7	6.3	6.6	6.5	6.7
REBEL 2000 (AA-989)	6.7	6.0	6.2	5.9	6.7
BRANDY (J-101)	6.7	6.0	6.3	6.3	6.7
CU9502T	6.7	5.9	6.2	6.0	6.7
WATCHDOG (PICK FA B-93)	6.6	6.2	6.3	6.3	6.6
ARID 3 (J-98)	6.6	6.1	6.2	6.1	6.6
BARLEXAS II (BAR FA 6LV)	6.6	6.0	6.3	6.3	6.6
MB 29	6.6	6.3	6.3	6.2	6.6
BARRERA (BAR FA6 US3)	6.6	6.1	6.3	6.2	6.6
BAR FA 6D	6.6	6.2	6.4	6.1	6.6
REBEL SENTRY (AA-A91)	6.6	6.0	6.2	6.2	6.6
MASTERPIECE (LTP-SD-TF)	6.6	6.3	6.5	6.4	6.6
SCORPIO (ZPS-2PTF)	6.5	6.2	6.5	6.6	6.5
TF 66 (BAR FA6 US6F)	6.5	5.8	6.1	6.1	6.5
MB 214	6.5	6.1	6.2	6.0	6.5
MB 26	6.5	6.2	6.4	6.3	6.5
EMPRESS	6.5	5.9	6.3	6.2	6.5
CROSSFIRE II	6.5	6.1	6.4	6.5	6.5
SR 8210	6.5	6.1	6.3	6.2	6.5
FALCON III (MB 212)	6.5	6.0	6.3	6.2	6.5
CU9501T	6.5	5.9	6.3	6.3	6.5
DYNASTY (PICK RT-95)	6.5	6.2	6.5	6.5	6.5
DURANA (MB 211)	6.5	6.1	6.1	6.1	6.5
ONCUE (PST-523)	6.5	6.1	6.3	6.0	6.5
TULSA	6.5	6.0	6.3	6.1	6.5
GAZELLE	6.4	6.1	6.4	6.4	6.4
RED COAT (ATF-038)	6.4	6.2	6.2	6.3	6.4
SOUTHERN CHOICE	6.4	6.0	6.2	6.1	6.4
GENESIS	6.4	5.9	6.0	5.9	6.4
JAGUAR 3	6.4	6.4	6.4	6.3	6.4
SHENANDOAH II (WRS2)	6.4	6.3	6.4	6.4	6.4
COYOTE	6.4	6.2	6.3	6.3	6.4
ARIZONA (PICK FA 6-91)	6.4	5.9	6.2	6.2	6.4
SUNPRO	6.4	6.1	6.1	6.3	6.4
DUSTER	6.4	5.8	6.2	6.2	6.4
OFI-931	6.4	6.0	6.2	6.0	6.4
PICK FA 15-92	6.4	6.1	6.3	5.9	6.4
BAR FA6 US2U	6.4	6.1	6.2	6.1	6.4
MB 216	6.4	5.9	6.0	5.8	6.4
CHAPEL HILL (TA-7)	6.4	5.8	6.0	5.8	6.4
OFI-96-31	6.4	6.0	6.3	6.2	6.4
PICK FA XK-95	6.4	6.2	6.2	6.2	6.4
AZTEC II (TMI-AZ)	6.4	5.7	6.4	6.3	6.4

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 1.6-2.0 INCH MOWING HEIGHT
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
MUSTANG II	6.4	6.0	6.0	6.1	6.4
PICK FA 20-92	6.4	6.0	6.4	6.2	6.4
RESERVE (ATF-182)	6.4	6.0	6.2	6.1	6.4
CORONADO	6.4	5.9	6.3	6.1	6.4
TRACER (BAR FA6 US1)	6.4	6.1	6.4	6.3	6.4
TAR HEEL	6.4	6.0	6.3	6.4	6.4
SR 8500 (SRX 8500)	6.4	6.0	6.1	6.2	6.4
BULLDAWG (PICK GA-96)	6.4	5.9	6.2	6.0	6.4
EA 41	6.4	6.0	6.1	6.2	6.4
SHENANDOAH	6.3	5.6	5.8	5.7	6.3
OLYMPIC GOLD (PST-5E5)	6.3	6.2	6.3	6.4	6.3
VELOCITY (AA-983)	6.3	5.9	6.0	6.0	6.3
APACHE II	6.3	6.0	6.1	6.1	6.3
PIXIE E+	6.3	5.8	6.1	6.1	6.3
WILDFIRE (ATF-196)	6.3	6.1	6.3	6.4	6.3
ARID II (J-3)	6.3	5.8	6.1	6.1	6.3
OFI-951	6.3	6.1	6.2	6.3	6.3
ISI-TF9	6.3	5.9	6.1	5.8	6.3
ISI-TF10	6.3	6.0	6.0	5.9	6.3
REGIMENT	6.3	5.8	6.0	5.8	6.3
R5AU	6.3	6.0	6.3	6.1	6.3
MB 215	6.3	6.0	6.0	5.9	6.3
MB 28	6.3	6.0	6.0	5.9	6.3
FINELAWN PETITE	6.3	5.8	5.9	5.8	6.3
RENEGADE	6.3	5.8	5.9	5.9	6.3
BRAVO (RG-93)	6.3	6.0	6.2	6.1	6.3
ALAMO E	6.3	6.0	6.2	6.2	6.3
LION	6.3	6.0	5.9	6.0	6.3
GLEN EAGLE (EC-101)	6.3	5.7	6.0	5.8	6.3
SHORTSTOP II	6.3	5.9	6.2	6.1	6.3
DOMINION (PST-5M5)	6.3	6.1	6.1	6.2	6.3
BONSAI 2000 (BULLET)	6.2	5.9	6.3	6.2	6.2
ARABIA (J-5)	6.2	6.2	6.2	6.4	6.2
OFI-96-32	6.2	5.8	5.7	5.4	6.2
BANDANA (PST-R5AE)	6.2	5.8	6.3	6.3	6.2
MARKSMAN	6.2	5.6	5.7	5.6	6.2
WYATT (ATF-188)	6.2	6.0	6.3	6.2	6.2
MB 213	6.2	6.2	6.2	6.1	6.2
TOMAHAWK-E	6.2	5.7	6.1	6.0	6.2
COCHISE II	6.2	6.0	6.1	6.1	6.2
PICK FA UT-93	6.2	5.8	6.1	5.9	6.2
ATF-022	6.2	5.7	5.9	5.8	6.2
EQUINOX (TMI-N91)	6.2	5.6	6.0	5.8	6.2
ANTHEM II (TMI-FMN)	6.2	6.0	6.1	6.2	6.2
WVPB-1B	6.2	5.6	5.8	5.6	6.2

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 1.6-2.0 INCH MOWING HEIGHT
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
AIRLIE (MB 210)	6.2	5.9	6.0	6.1	6.2
ZANZIBAR (ZPS-5LZ)	6.2	6.2	6.3	6.1	6.2
SAFARI	6.2	5.6	5.9	5.7	6.2
GOOD-EN (KOOS 96-14)	6.2	5.7	5.5	5.3	6.2
WOLFPACK (PST-R5TK)	6.2	5.9	6.3	6.4	6.2
PST-5TO	6.2	6.0	6.2	6.2	6.2
FALCON II	6.2	5.7	6.0	5.8	6.2
ISI-TF11	6.2	5.9	5.9	5.9	6.2
TWILIGHT II (TMI-TW)	6.1	5.8	6.1	6.1	6.1
OFI-FWY	6.1	5.9	6.1	6.1	6.1
LEPRECHAUN	6.1	5.7	5.9	5.7	6.1
HELIX (WVPB-1D)	6.1	5.7	5.6	5.5	6.1
WPEZE (WVPB-1C)	6.1	5.6	5.5	5.2	6.1
DP 50-9011	6.1	5.7	6.1	5.9	6.1
CORONADO GOLD (PST-5RT)	6.1	6.0	6.3	6.0	6.1
WX3-275	6.1	5.7	6.0	5.9	6.1
PRO 8430	6.1	5.8	6.1	5.9	6.1
ATF-020	6.1	5.8	6.0	5.8	6.1
PSII-TF-9	6.1	5.6	5.8	5.7	6.1
BARRINGTON (BAR FA6D USA)	6.1	5.9	6.3	6.3	6.1
KITTY HAWK S.S.T. (SS45DW)	6.1	5.5	6.0	5.8	6.1
PSII-TF-10	6.1	5.6	5.7	5.7	6.1
SRX 8084	6.1	5.6	5.9	5.8	6.1
COMSTOCK (SSDE31)	6.1	5.7	5.9	5.7	6.1
PEDESTAL (PC-AO)	6.1	5.6	5.9	5.8	6.1
ATF-253	6.0	5.8	6.0	6.1	6.0
TITAN 2	6.0	5.4	5.5	5.4	6.0
BONSAI	6.0	5.6	5.9	5.6	6.0
PICK FA N-93	6.0	5.9	6.3	6.1	6.0
ATF-257	5.9	5.8	6.3	6.1	5.9
JSC-1	5.9	5.4	5.7	5.6	5.9
DLF-1	5.8	5.1	5.2	5.4	5.8
AXIOM (ATF-192)	5.8	5.6	5.7	5.7	5.8
JTTC-96	5.8	5.4	5.6	5.6	5.8
JTTEA-96	5.8	5.2	5.7	5.4	5.8
ARID	5.6	5.0	5.1	5.0	5.6
DP 7952	5.5	4.8	5.0	4.9	5.5
AV-1	5.5	4.7	5.0	5.2	5.5
KENTUCKY-31 W/ENDO.	4.4	3.5	3.4	3.4	4.4
LSD VALUE	0.3	0.3	0.2	0.3	0.3
C.V. (%)	6.4	5.9	4.5	5.2	6.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ 1997 DATA - AR1 CA1 IN1 OH1 R11 WA1;

1998 DATA - AR1 CA1 CA3 IN1 WA1;

1999 DATA - CA1 CA3 IN1 WA1;

2000 DATA - CA1 CA3 IN1 WA1.

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN AT A 2.1-2.5 INCH MOWING HEIGHT 1/
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/				MEAN
	1997	1998	1999	2000	
REMBRANDT (LTP-4026 E+)	5.6	6.5	6.3	6.6	6.3
PLANTATION (PENNINGTON-1901)	5.5	6.2	6.2	6.5	6.2
MILLENNIUM (TMI-RBR)	5.5	6.0	6.2	6.6	6.2
SCORPIO (ZPS-2PTF)	5.5	6.2	6.2	6.4	6.2
DYNASTY (PICK RT-95)	5.3	6.0	6.2	6.6	6.1
SHENANDOAH II (WRS2)	5.3	6.2	6.2	6.6	6.1
MASTERPIECE (LTP-SD-TF)	5.3	6.0	6.2	6.6	6.1
JAGUAR 3	5.2	6.0	5.9	6.6	6.0
DOMINION (PST-5M5)	5.2	6.1	6.1	6.4	6.0
OLYMPIC GOLD (PST-5E5)	5.2	5.8	6.1	6.6	6.0
COYOTE	5.2	5.9	6.3	6.4	6.0
FALCON III (MB 212)	5.4	5.7	6.1	6.3	6.0
REBEL SENTRY (AA-A91)	5.4	6.0	5.9	6.4	6.0
TAR HEEL	5.1	5.9	6.0	6.5	6.0
ONCUE (PST-523)	5.3	6.0	5.9	6.3	6.0
WATCHDOG (PICK FA B-93)	5.2	5.9	6.1	6.4	6.0
CROSSFIRE II	5.2	5.9	6.0	6.4	5.9
CU9502T	5.4	5.8	6.1	6.3	5.9
WOLFPACK (PST-R5TK)	5.2	6.0	5.9	6.3	5.9
GENESIS	5.4	5.9	6.1	6.2	5.9
SOUTHERN CHOICE	5.6	5.8	5.8	6.3	5.9
MB 29	5.2	5.7	6.2	6.3	5.9
MUSTANG II	5.5	5.8	5.8	6.2	5.9
R5AU	5.3	5.8	6.1	6.3	5.9
OFI-931	5.3	5.7	6.0	6.2	5.9
RESERVE (ATF-182)	5.4	5.9	6.0	6.2	5.9
ATF-257	5.2	5.7	5.8	6.3	5.9
TULSA	5.4	5.7	5.7	6.2	5.9
GAZELLE	5.2	5.8	5.9	6.3	5.9
ARID 3 (J-98)	5.3	5.7	5.9	6.2	5.9
DURANA (MB 211)	5.2	5.8	5.9	6.3	5.9
CU9501T	5.3	5.7	5.9	6.3	5.9
AIRLIE (MB 210)	5.4	5.8	5.9	6.2	5.8
SHENANDOAH	5.5	5.8	5.7	6.1	5.8
BAR FA 6D	5.2	5.6	6.0	6.3	5.8
BONSAI 2000 (BULLET)	5.4	5.8	5.7	6.1	5.8
SAFARI	5.5	5.8	5.8	6.2	5.8
ISI-TF11	5.4	5.8	5.8	6.1	5.8
PIXIE E+	5.4	5.9	5.9	6.1	5.8
FALCON II	5.5	5.6	5.9	6.2	5.8
MB 28	5.2	5.6	6.0	6.3	5.8
CHAPEL HILL (TA-7)	5.1	5.8	5.9	6.3	5.8
RENEGADE	5.6	5.7	5.8	6.2	5.8
MB 213	5.1	5.5	6.0	6.3	5.8
EMPRESS	5.2	5.7	5.8	6.1	5.8

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 2.1-2.5 INCH MOWING HEIGHT
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
PST-5TO	4.9	5.6	5.9	6.4	5.8
MB 215	5.1	5.6	6.2	6.3	5.8
BARRINGTON (BAR FA6D USA)	5.1	5.7	5.7	6.2	5.8
BRAVO (RG-93)	5.1	5.7	5.8	6.2	5.8
DUSTER	5.3	5.7	5.9	6.1	5.7
BARLEXAS II (BAR FA 6LV)	5.1	5.5	5.9	6.2	5.7
SR 8210	5.2	5.4	5.7	6.2	5.7
MB 214	5.1	5.5	6.1	6.3	5.7
ANIHEM II (TMI-FMN)	5.3	5.7	5.5	6.0	5.7
TF 66 (BAR FA6 US6F)	5.0	5.6	5.9	6.2	5.7
RED COAT (ATF-038)	5.1	5.5	6.0	6.2	5.7
BANDANA (PST-R5AE)	5.2	5.8	5.8	6.1	5.7
APACHE II	5.2	5.6	5.8	6.1	5.7
ISI-TF9	5.2	5.6	5.7	6.2	5.7
REBEL 2000 (AA-989)	4.9	5.6	5.9	6.2	5.7
ALAMO E	5.3	5.5	5.8	6.1	5.7
REGIMENT	5.5	5.6	5.8	5.9	5.7
BAR FA6 US2U	4.9	5.7	5.9	6.0	5.7
ZANZIBAR (ZPS-5LZ)	5.0	5.6	5.9	6.1	5.7
WILDFIRE (ATF-196)	5.2	5.7	5.9	6.1	5.7
BARRERA (BAR FA6 US3)	5.1	5.6	5.9	6.1	5.7
MB 26	5.1	5.6	5.9	6.2	5.7
OFI-FWY	5.1	5.6	5.8	6.1	5.7
OFI-96-31	5.3	5.4	5.8	6.0	5.7
BRANDY (J-101)	5.0	5.6	5.8	6.1	5.7
CORONADO	5.1	5.6	5.6	6.0	5.7
WYATT (ATF-188)	5.1	5.5	5.7	6.1	5.7
ATF-253	5.1	5.6	5.7	6.1	5.7
MB 216	4.9	5.6	5.9	6.2	5.7
TWILIGHT II (TMI-TW)	5.0	5.7	5.8	6.0	5.7
TITAN 2	5.4	5.6	5.6	6.0	5.7
PRO 8430	5.1	5.7	5.7	6.0	5.7
SR 8500 (SRX 8500)	5.1	5.6	5.7	6.0	5.6
OFI-96-32	5.4	5.5	5.6	5.9	5.6
OFI-951	4.9	5.4	5.9	6.1	5.6
ATF-020	5.1	5.4	5.7	6.1	5.6
ARID II (J-3)	5.1	5.5	5.6	5.9	5.6
LION	5.0	5.7	5.8	6.1	5.6
AZTEC II (TMI-AZ)	5.2	5.5	5.5	5.9	5.6
ATF-022	4.9	5.6	5.8	6.1	5.6
TOMAHAWK-E	4.9	5.4	5.8	6.1	5.6
FINELAWN PETITE	5.2	5.6	5.6	5.9	5.6
SUNPRO	4.9	5.5	5.7	6.0	5.6
MARKSMAN	5.1	5.5	5.6	6.0	5.6
BULLDAWG (PICK GA-96)	5.0	5.5	5.9	5.9	5.6

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 2.1-2.5 INCH MOWING HEIGHT
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
PSII-TF-9	5.3	5.4	5.7	6.0	5.6
VELOCITY (AA-983)	4.8	5.6	5.8	6.1	5.6
COCHISE II	5.1	5.4	5.8	5.9	5.6
CORONADO GOLD (PST-5RT)	4.9	5.5	5.6	6.0	5.6
GLEN EAGLE (EC-101)	5.1	5.4	5.7	6.0	5.6
WX3-275	4.8	5.4	5.6	6.1	5.6
WVPB-1B	5.3	5.5	5.6	5.9	5.6
WPEZE (WVPB-1C)	5.3	5.5	5.7	5.8	5.6
ISI-TF10	5.0	5.4	5.7	6.0	5.6
TRACER (BAR FA6 US1)	4.8	5.4	5.8	6.0	5.5
GOOD-EN (KOOS 96-14)	5.0	5.6	5.8	5.9	5.5
LEPRECHAUN	5.2	5.4	5.6	5.9	5.5
PICK FA XK-95	4.9	5.4	5.8	6.0	5.5
ARIZONA (PICK FA 6-91)	5.0	5.4	5.7	5.9	5.5
HELIX (WVPB-1D)	5.1	5.3	5.7	5.9	5.5
EA 41	4.9	5.4	5.8	5.9	5.5
COMSTOCK (SSDE31)	5.0	5.5	5.7	5.9	5.5
ARABIA (J-5)	4.8	5.4	5.6	5.9	5.5
PEDESTAL (PC-AO)	5.0	5.3	5.6	6.0	5.5
AXIOM (ATF-192)	5.1	5.4	5.7	5.9	5.5
PICK FA 20-92	4.9	5.3	5.7	5.9	5.5
KITTY HAWK S.S.T. (SS45DW)	5.0	5.4	5.3	5.8	5.5
EQUINOX (TMI-N91)	5.0	5.4	5.4	5.7	5.5
SRX 8084	5.1	5.5	5.4	5.8	5.5
JTTFC-96	5.0	5.3	5.4	5.9	5.4
PICK FA 15-92	4.9	5.1	5.4	5.9	5.4
PSII-TF-10	5.1	5.4	5.4	5.8	5.4
DP 50-9011	4.9	5.1	5.6	5.8	5.4
SHORTSTOP II	4.9	5.4	5.4	5.7	5.4
PICK FA N-93	4.6	5.3	5.7	6.0	5.4
JTTFA-96	5.1	5.2	5.0	5.6	5.3
BONSAI	5.0	5.2	5.3	5.6	5.3
JSC-1	4.8	5.0	5.4	5.7	5.3
DLF-1	5.0	5.0	5.3	5.5	5.2
ARID	5.2	5.1	5.1	5.4	5.2
PICK FA UT-93	4.4	4.8	5.3	5.5	5.1
DP 7952	4.9	5.0	5.0	5.2	4.9
AV-1	4.8	4.7	4.9	5.3	4.9
KENTUCKY-31 W/ENDO.	4.4	4.0	4.0	4.1	4.1
LSD VALUE	0.3	0.3	0.3	0.2	0.2
C.V. (%)	12.6	9.9	8.5	7.2	14.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1997 DATA - IL1 IL2 KS2 MD1 MO1 OK1 UT1 VA1 VA4;
1998 DATA - IL1 IL2 KS2 MD1 MO1 OK1 UT1 VA1 VA4;
1999 DATA - AR1 KS2 MD1 MO1 OK1 VA1;
2000 DATA - AR1 GA1 IL2 KS2 KY1 MD1 MO1 OK1 VA1 VA4;

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
GROWN AT A 2.6+ INCH MOWING HEIGHT 1/
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/				MEAN
	1997	1998	1999	2000	
REMBRANDT (LTP-4026 E+)	5.7	6.2	6.5	6.2	6.3
PLANTATION (PENNINGTON-1901)	5.6	6.4	6.5	6.0	6.2
MILLENNIUM (TMI-RBR)	5.4	6.0	6.5	6.1	6.2
REBEL SENTRY (AA-A91)	5.5	5.9	6.3	6.1	6.1
SCORPIO (ZPS-2PTF)	5.1	5.9	6.5	6.0	6.0
DYNASTY (PICK RT-95)	5.1	5.8	6.5	6.1	6.0
MB 216	5.5	6.3	6.2	5.8	6.0
PIXIE E+	5.6	6.1	6.2	5.9	6.0
MB 213	5.4	6.0	6.3	5.8	6.0
COYOTE	5.1	5.8	6.3	6.2	6.0
MASTERPIECE (LTP-SD-TF)	5.1	5.9	6.4	6.0	6.0
FALCON III (MB 212)	5.2	6.0	6.2	5.9	6.0
SHENANDOAH II (WRS2)	5.2	6.0	6.3	6.0	6.0
DOMINION (PST-5M5)	5.3	5.9	6.3	6.0	6.0
BRANDY (J-101)	5.5	6.0	6.2	5.8	6.0
WATCHDOG (PICK FA B-93)	5.2	5.9	6.2	5.9	5.9
MB 215	5.3	6.0	6.1	5.8	5.9
ANTHEM II (TMI-FMN)	5.2	5.8	6.2	5.9	5.9
MB 28	5.4	6.2	6.0	5.7	5.9
CROSSFIRE II	5.2	5.8	6.4	5.9	5.9
WOLFPACK (PST-R5TK)	5.0	5.8	6.3	6.0	5.9
MUSTANG II	5.5	5.8	6.0	5.8	5.9
MB 29	5.5	6.0	6.1	5.6	5.9
TAR HEEL	5.2	5.8	6.2	5.9	5.9
CORONADO	5.1	5.7	6.1	6.0	5.9
ARID 3 (J-98)	5.3	5.8	6.1	5.8	5.9
R5AU	4.9	6.0	6.2	5.7	5.9
ONCUE (PST-523)	5.3	5.8	6.1	5.8	5.9
SAFARI	5.4	5.8	6.2	5.6	5.9
CU9501T	5.6	6.0	6.0	5.4	5.8
MB 214	5.3	5.9	5.9	5.6	5.8
ISI-TF9	5.0	5.6	6.1	5.9	5.8
ZANZIBAR (ZPS-5LZ)	5.1	5.8	6.1	5.9	5.8
ISI-TF11	5.2	5.8	6.2	5.9	5.8
LION	4.8	5.8	6.2	5.8	5.8
OFI-931	5.3	5.7	6.1	5.7	5.8
REBEL 2000 (AA-989)	5.2	5.8	6.0	5.9	5.8
EMPRESS	5.3	5.6	6.1	5.9	5.8
AZTEC II (TMI-AZ)	5.1	5.9	6.1	5.8	5.8
BARRINGTON (BAR FA6D USA)	5.3	5.7	5.9	5.7	5.8
BONSAI 2000 (BULLET)	5.2	5.7	6.0	5.8	5.8
SR 8210	5.1	5.7	6.2	5.8	5.8
SHENANDOAH	5.6	5.7	6.0	5.6	5.8
DURANA (MB 211)	5.1	5.7	6.1	5.7	5.8
TULSA	5.2	5.9	6.0	5.7	5.8

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 2.6+ INCH MOWING HEIGHT
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
BARRERA (BAR FA6 US3)	5.0	5.6	6.1	5.8	5.8
MARKSMAN	5.1	5.7	6.2	5.5	5.8
OLYMPIC GOLD (PST-5E5)	5.0	5.9	6.1	5.7	5.8
CHAPEL HILL (TA-7)	5.1	5.7	6.1	5.6	5.8
SOUTHERN CHOICE	5.3	5.8	6.1	5.5	5.8
ALAMO E	5.2	5.8	6.0	5.7	5.8
REGIMENT	5.3	5.9	6.0	5.5	5.8
WYATT (ATF-188)	5.0	5.6	6.0	5.7	5.8
JAGUAR 3	4.9	5.8	6.2	5.8	5.8
OFI-96-31	5.2	5.7	6.0	5.6	5.8
GAZELLE	5.3	5.7	6.0	5.8	5.8
AIRLIE (MB 210)	5.1	5.7	5.9	5.6	5.8
MB 26	5.2	5.9	5.8	5.6	5.8
CORONADO GOLD (PST-5RT)	5.0	5.6	6.2	5.7	5.8
OFI-951	5.1	5.6	6.1	5.6	5.7
BRAVO (RG-93)	5.0	5.7	6.0	5.8	5.7
RED COAT (ATF-038)	5.3	5.8	5.9	5.5	5.7
DUSTER	5.1	5.7	6.1	5.6	5.7
TWILIGHT II (TMI-TW)	5.1	5.9	5.9	5.8	5.7
RENEGADE	5.4	5.9	6.0	5.4	5.7
PICK FA XK-95	4.8	5.4	6.1	5.8	5.7
BANDANA (PST-R5AE)	5.2	5.7	6.0	5.5	5.7
WILDFIRE (ATF-196)	5.1	5.6	5.9	5.8	5.7
APACHE II	5.0	5.6	5.9	5.7	5.7
CU9502T	4.9	5.8	6.1	5.5	5.7
BAR FA6 US2U	4.9	5.6	6.1	5.6	5.7
ATF-257	5.0	5.5	6.0	5.6	5.7
SR 8500 (SRX 8500)	5.0	5.5	5.9	5.7	5.7
BARLEXAS II (BAR FA 6LV)	4.9	5.5	5.9	5.6	5.7
TF 66 (BAR FA6 US6F)	5.1	5.7	6.1	5.5	5.7
ARID II (J-3)	4.8	5.7	6.1	5.6	5.7
ARIZONA (PICK FA 6-91)	5.3	5.5	5.8	5.5	5.7
PICK FA 15-92	5.0	5.5	6.0	5.5	5.7
SUNPRO	4.7	5.4	6.0	5.7	5.7
GENESIS	5.3	5.7	6.2	5.4	5.7
PRO 8430	4.7	5.5	6.1	5.6	5.7
ARABIA (J-5)	5.0	5.6	5.8	5.6	5.7
FALCON II	5.1	5.6	6.0	5.5	5.7
PST-5TO	4.6	5.5	6.0	5.8	5.7
OFI-FWY	5.1	5.4	5.9	5.7	5.7
BAR FA 6D	4.9	5.7	5.9	5.5	5.7
WX3-275	4.9	5.6	5.9	5.7	5.7
PEDESTAL (PC-AO)	5.2	5.7	5.8	5.5	5.6
GLEN EAGLE (EC-101)	5.1	5.7	5.9	5.5	5.6
PICK FA N-93	4.7	5.3	6.0	5.9	5.6

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH YEAR
(CONT'D) GROWN AT A 2.6+ INCH MOWING HEIGHT
1997-2000 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1997	1998	1999	2000	MEAN
TOMAHAWK-E	5.0	5.5	5.9	5.5	5.6
TITAN 2	5.5	5.8	5.7	5.4	5.6
PICK FA 20-92	4.9	5.4	5.8	5.7	5.6
EA 41	5.1	5.6	5.8	5.6	5.6
ATF-253	4.9	5.6	5.8	5.7	5.6
EQUINOX (TMI-N91)	4.8	5.4	5.9	5.6	5.6
RESERVE (ATF-182)	5.0	5.4	5.6	5.6	5.6
FINELAWN PETITE	5.1	5.5	5.9	5.5	5.6
LEPRECHAUN	5.1	5.5	5.9	5.4	5.6
KITTY HAWK S.S.T. (SS45DW)	5.1	5.5	5.8	5.5	5.6
ISI-TF10	4.9	5.6	5.8	5.5	5.6
SHORTSTOP II	5.2	5.4	5.7	5.4	5.6
COCHISE II	5.0	5.4	5.7	5.6	5.6
TRACER (BAR FA6 US1)	4.8	5.5	5.7	5.6	5.6
ATF-022	4.7	5.6	5.8	5.4	5.6
SRX 8084	5.0	5.6	5.8	5.4	5.6
PSII-TF-9	5.1	5.7	5.8	5.3	5.6
OFI-96-32	5.1	5.7	5.7	5.3	5.5
HELIX (WVPB-1D)	5.0	5.7	5.8	5.3	5.5
BONSAI	4.8	5.5	5.7	5.4	5.5
COMSTOCK (SSDE31)	5.1	5.5	5.7	5.2	5.5
VELOCITY (AA-983)	4.7	5.6	5.8	5.3	5.5
AXIOM (ATF-192)	4.7	5.5	5.6	5.6	5.5
GOOD-EN (KOOS 96-14)	5.2	5.5	5.6	5.3	5.5
WPEZE (WVPB-1C)	5.0	5.6	5.7	5.3	5.5
JSC-1	4.9	5.6	5.7	5.2	5.5
BULLDAWG (PICK GA-96)	4.7	5.3	5.7	5.5	5.5
ATF-020	4.9	5.5	5.6	5.3	5.5
DP 50-9011	4.8	5.5	5.6	5.2	5.5
WVPB-1B	4.7	5.5	5.6	5.4	5.4
PSII-TF-10	5.0	5.6	5.6	5.2	5.4
JTTEC-96	5.1	5.5	5.6	5.1	5.4
DLF-1	5.4	5.5	5.3	5.1	5.4
ARID	5.4	5.7	5.3	5.1	5.4
JTTEA-96	5.0	5.4	5.6	5.0	5.3
AV-1	4.7	5.4	5.4	4.9	5.2
PICK FA UT-93	4.6	5.0	5.4	5.2	5.2
DP 7952	4.8	5.5	5.4	4.8	5.2
KENTUCKY-31 W/ENDO.	4.9	5.2	4.3	4.0	4.5
LSD VALUE	0.5	0.5	0.4	0.4	0.3
C.V. (%)	11.6	10.9	9.2	8.8	12.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ 1997 DATA - IAI MI1 MO3 SC2;

1998 DATA - IAI MI1 MO3 SC2;

1999 DATA - IAI IL1 MI1 MO3 OH1 UT1;

2000 DATA - IAI IL1 MO3 OH1 UT1.

TABLE 17. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/
1997-2000 DATA

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

NAME	IRRIGATION PRACTICED			
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	MEAN
REMBRANDT (LTP-4026 E+)	6.3	6.5	6.4	6.3
PLANTATION (PENNINGTON-1901)	6.3	6.3	6.3	6.3
MILLENNIUM (TMI-RBR)	6.3	6.3	6.1	6.3
DYNASTY (PICK RT-95)	6.0	6.4	6.1	6.1
MASTERPIECE (LTP-SD-TF)	6.0	6.4	6.0	6.1
SHENANDOAH II (WRS2)	6.1	6.3	6.0	6.1
SCORPIO (ZPS-2PTF)	6.1	6.3	5.9	6.1
CROSSFIRE II	6.1	6.1	5.8	6.1
COYOTE	6.0	6.1	6.0	6.0
REBEL SENTRY (AA-A91)	6.0	6.2	5.9	6.0
JAGUAR 3	5.9	6.3	5.9	6.0
WATCHDOG (PICK FA B-93)	6.0	6.0	5.9	6.0
ARID 3 (J-98)	6.0	6.1	5.8	6.0
OLYMPIC GOLD (PST-5E5)	5.9	6.1	6.0	6.0
BRANDY (J-101)	6.0	5.9	6.0	6.0
FALCON III (MB 212)	5.9	6.0	6.2	5.9
MB 29	5.9	5.9	6.2	5.9
CJ9502T	5.9	6.0	6.1	5.9
CJ9501T	5.9	6.0	6.1	5.9
TAR HEEL	5.9	6.0	6.0	5.9
QNCUE (PST-523)	5.9	6.0	5.8	5.9
SOUTHERN CHOICE	5.9	6.0	5.9	5.9
GAZELLE	5.9	6.0	5.8	5.9
MUSTANG II	5.8	6.1	6.0	5.9
MB 26	5.9	5.7	5.9	5.9
DURANA (MB 211)	5.8	5.9	6.1	5.9
DOMINION (PST-5M5)	5.8	6.2	6.0	5.9
MB 28	5.8	5.9	5.9	5.9
OFI-931	5.8	6.0	5.9	5.9
MB 213	5.9	5.7	5.9	5.9
WOLFPACK (PST-R5TK)	5.8	6.2	5.9	5.9
REBEL 2000 (AA-989)	5.8	5.8	5.8	5.8
BARRERA (BAR FA6 US3)	5.9	5.7	5.8	5.8
BARLEXAS II (BAR FA 6LV)	5.9	5.8	5.7	5.8
WILDFIRE (ATF-196)	5.8	6.0	5.6	5.8
BONSAI 2000 (BULLET)	5.8	5.9	5.8	5.8
GENESIS	5.8	5.9	6.0	5.8
CHAPEL HILL (TA-7)	5.8	5.8	6.1	5.8
PIXIE E+	5.7	6.0	6.0	5.8
BAR FA 6D	5.9	5.7	5.8	5.8
RESERVE (ATF-182)	5.7	6.1	5.9	5.8
MB 214	5.8	5.8	5.9	5.8
RED COAT (ATF-038)	5.8	5.8	5.9	5.8
OFI-96-31	5.9	5.6	5.8	5.8
BRAVO (RG-93)	5.8	5.9	5.8	5.8

TABLE 17. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER DIFFERENT IRRIGATION LEVELS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IRRIGATION PRACTICED			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
EMPRESS	5.8	5.9	5.7	5.8
AIRLIE (MB 210)	5.8	5.9	5.9	5.8
MB 216	5.7	5.8	6.0	5.8
CORONADO	5.8	5.7	5.7	5.8
APACHE II	5.8	5.7	5.8	5.8
R5AU	5.7	6.1	5.8	5.8
ANTHEM II (TMI-FMN)	5.8	5.7	5.9	5.8
MB 215	5.7	5.8	6.0	5.8
BAR FA6 US2U	5.9	5.5	5.7	5.8
RENEGADE	5.7	5.9	5.9	5.8
TULSA	5.7	6.0	5.8	5.8
BARRINGTON (BAR FA6D USA)	5.7	5.9	5.9	5.8
WYATT (ATF-188)	5.7	5.8	5.8	5.8
AZTEC II (TMI-AZ)	5.8	5.6	5.8	5.8
SR 8210	5.8	5.7	5.7	5.8
DUSTER	5.8	5.8	5.6	5.8
ARID II (J-3)	5.8	5.7	5.8	5.8
SR 8500 (SRX 8500)	5.8	5.5	5.7	5.8
ISI-TF11	5.7	5.9	5.9	5.8
ZANZIBAR 5LZ (ZPS-5LZ)	5.8	5.8	5.7	5.7
PICK FA 20-92	5.8	5.6	5.5	5.7
ATF-257	5.7	5.9	5.8	5.7
SHENANDOAH	5.6	5.9	6.0	5.7
ISI-TF9	5.7	5.8	5.9	5.7
SAFARI	5.6	5.8	5.9	5.7
TRACER (BAR FA6 US1)	5.8	5.5	5.6	5.7
OFI-951	5.7	5.6	5.7	5.7
PICK FA XK-95	5.8	5.4	5.7	5.7
ALAMO E	5.7	5.8	5.8	5.7
SUNPRO	5.8	5.4	5.6	5.7
BULLDAWG (PICK GA-96)	5.7	5.6	5.6	5.7
REGIMENT	5.7	5.8	5.8	5.7
PST-5TO	5.6	5.9	5.7	5.7
BANDANA (PST-R5AE)	5.6	5.9	5.7	5.7
FALCON II	5.6	5.8	5.9	5.7
TWILIGHT II (TMI-TW)	5.6	5.8	5.7	5.7
VELOCITY (AA-983)	5.6	5.8	5.7	5.7
TF 66 (BAR FA6 US6F)	5.7	5.7	5.7	5.7
WX3-275	5.7	5.6	5.7	5.7
CORONADO GOLD (PST-5RT)	5.6	5.6	5.7	5.7
LION	5.6	5.7	5.6	5.6
ARABIA (J-5)	5.7	5.4	5.7	5.6
ISI-TF10	5.7	5.4	5.8	5.6
OFI-FWY	5.6	5.5	5.6	5.6
FINELAWN PETITE	5.6	5.7	5.7	5.6

TABLE 17. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER DIFFERENT IRRIGATION LEVELS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IRRIGATION PRACTICED			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
PRO 8430	5.6	5.7	5.6	5.6
TOMAHAWK-E	5.6	5.6	5.6	5.6
COCHISE II	5.6	5.6	5.5	5.6
PICK FA 15-92	5.7	5.4	5.6	5.6
ATF-022	5.6	5.7	5.7	5.6
ATF-253	5.5	5.8	5.6	5.6
ARIZONA (PICK FA 6-91)	5.6	5.6	5.5	5.6
MARKSMAN	5.6	5.5	5.8	5.6
SHORTSTOP II	5.7	5.3	5.5	5.6
GLEN EAGLE (EC-101)	5.5	5.5	5.9	5.6
PICK FA N-93	5.6	5.6	5.4	5.6
EA 41	5.6	5.5	5.6	5.6
OFI-96-32	5.5	5.6	5.7	5.6
ATF-020	5.5	5.7	5.7	5.6
PSII-TF-9	5.5	5.6	5.8	5.5
LEPRECHAUN	5.5	5.6	5.6	5.5
TITAN 2	5.5	5.6	5.8	5.5
PEDESTAL (PC-AO)	5.4	5.5	6.0	5.5
GOOD-EN (KOOS 96-14)	5.5	5.5	5.8	5.5
WVPB-1B	5.4	5.6	5.6	5.5
WPEZE (WVPB-1C)	5.4	5.5	5.8	5.5
KITTY HAWK S.S.T. (SS45DW)	5.4	5.4	5.7	5.5
HELIX (WVPB-1D)	5.4	5.4	5.7	5.5
EQUINOX (TMI-N91)	5.5	5.4	5.6	5.5
COMSTOCK (SSDE31)	5.4	5.4	5.9	5.5
SRX 8084	5.4	5.5	5.7	5.5
PSII-TF-10	5.4	5.4	5.6	5.4
DP 50-9011	5.4	5.3	5.6	5.4
AXIOM (ATF-192)	5.4	5.5	5.5	5.4
JSC-1	5.3	5.2	5.6	5.3
PICK FA UT-93	5.5	4.9	5.1	5.3
BONSAI	5.3	5.1	5.6	5.3
JTTFC-96	5.2	5.4	5.6	5.3
JTTFA-96	5.1	5.3	5.6	5.2
DLF-1	5.0	5.0	5.6	5.1
ARID	4.9	5.2	5.6	5.0
DP 7952	4.8	4.8	5.4	4.9
AV-1	4.7	4.7	5.4	4.8
KENTUCKY-31 W/ENDO.	3.8	3.9	4.8	3.9
LSD VALUE	0.1	0.3	0.4	0.1
C.V. (%)	11.1	14.6	15.2	12.6

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

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

TABLE 18.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IRRIGATED TO PREVENT STRESS 1/
1997-2000 DATA

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

NAME	ARI	CA1	CA3	IA1	IL1	IN1	KS2	ME1	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
MILLENNIUM (TMI-FBR)	6.2	7.0	6.3	5.5	6.2	6.7	6.7	7.1	5.3	6.3	6.5	5.8	6.4	7.9	6.6	5.9	5.5	6.0	6.3
PLANTATION (PENNINGTON-1901)	6.4	7.1	6.2	5.4	5.9	6.4	6.6	6.6	5.6	6.8	6.0	5.8	6.0	7.8	6.6	6.1	6.0	6.1	6.3
REMBRANDT (LTP-4026 E+)	6.6	6.9	6.2	5.3	6.3	6.7	6.7	6.7	5.5	6.7	6.0	6.0	4.9	8.0	6.7	6.0	5.8	6.0	6.3
CROSSFIRE II	6.0	7.0	6.1	5.6	6.0	6.5	6.4	6.5	5.4	6.7	5.9	5.2	6.0	7.5	6.5	5.4	5.2	5.9	6.1
SCORPIO (ZPS-2PTF)	6.3	6.9	6.3	5.1	6.2	6.5	6.5	6.2	5.4	6.2	5.8	5.5	5.1	8.0	6.4	4.5	6.0	6.2	6.1
SHENANDOAH II (WRS2)	6.4	7.0	6.1	5.0	6.0	6.3	6.4	6.3	5.4	6.4	5.5	5.2	5.9	7.9	6.6	5.1	5.5	6.0	6.1
MASTERPIECE (LTP-SD-TF)	6.2	7.0	5.9	5.1	6.1	6.7	6.7	6.2	5.1	6.4	5.9	5.3	5.1	7.8	6.4	5.5	5.4	6.0	6.0
DYNASTY (PICK RT-95)	6.4	6.9	6.3	4.7	6.0	6.5	6.3	6.7	5.3	6.5	5.6	5.7	4.9	7.9	6.4	5.1	5.7	5.9	6.0
COYOTE	6.0	6.8	5.9	5.0	5.9	6.4	6.2	7.0	5.4	6.4	5.7	5.5	4.3	8.0	6.4	5.6	5.7	6.1	6.0
WATCHDOG (PICK FA B-93)	6.3	6.6	6.0	5.3	5.8	6.6	6.3	7.0	5.0	6.2	5.4	5.4	4.4	7.9	6.5	5.8	5.8	5.9	6.0
ARID 3 (J-98)	6.1	6.7	5.9	4.5	5.6	6.4	6.5	6.1	4.8	6.6	5.6	5.0	6.1	7.7	6.4	6.6	5.8	5.8	6.0
REBEL SENTRY (AA-A91)	5.7	6.8	5.8	5.3	6.1	6.2	6.4	6.2	5.3	6.6	5.2	5.3	4.7	8.0	6.5	6.3	5.5	5.9	6.0
BRANDY (J-101)	5.7	6.9	6.0	5.2	5.6	6.2	6.3	6.3	5.0	6.2	5.5	4.7	5.7	7.7	6.3	7.2	5.2	5.8	6.0
JAGUAR 3	6.5	7.0	6.1	5.0	5.8	6.5	6.5	6.2	4.9	6.5	5.2	5.0	5.6	7.7	6.4	5.2	5.3	5.7	5.9
MB 26	6.1	6.9	6.0	4.3	5.7	6.2	6.2	6.6	5.1	6.4	5.4	5.0	5.9	8.1	6.6	5.0	5.0	6.1	5.9
OLYMPIC GOLD (PST-5E5)	6.2	6.8	6.2	4.7	5.7	6.2	6.6	6.5	5.1	6.0	5.1	5.0	5.7	7.6	6.4	5.3	5.4	6.0	5.9
GAZELLE	5.6	6.9	6.0	5.1	5.7	6.6	6.3	6.3	5.0	6.5	5.7	5.6	3.9	8.0	6.3	5.5	5.5	5.8	5.9
MB 29	6.5	6.6	5.8	4.7	5.7	6.2	6.4	6.4	5.3	6.1	5.1	5.0	5.2	7.6	6.6	5.2	5.3	6.4	5.9
OFI-96-31	5.5	6.6	5.9	4.8	5.6	6.3	6.4	6.2	5.1	6.2	5.1	5.0	5.8	7.6	6.5	5.7	5.7	6.0	5.9
BARRERA (BAR FA6 US3)	5.7	6.7	5.9	4.4	5.7	6.4	6.3	6.1	5.1	6.3	4.9	5.0	5.8	7.8	6.7	5.5	5.6	6.2	5.9
CU9502T	5.6	7.0	5.7	4.6	5.9	6.4	6.4	6.4	5.2	6.6	5.1	4.6	5.6	7.7	6.4	5.9	5.3	5.8	5.9
ONCUE (PST-523)	6.1	6.8	5.9	5.2	6.0	6.3	6.3	5.7	5.1	6.3	5.0	5.0	4.9	7.6	6.4	5.8	5.6	5.6	5.9
MB 213	6.2	6.6	5.7	4.8	5.7	6.2	6.6	6.4	5.1	6.1	5.5	4.6	5.5	7.8	6.5	4.8	5.6	6.1	5.9
BARLEXAS II (BAR FA 6LV)	5.8	6.8	6.2	4.3	5.4	6.3	6.4	6.9	5.0	6.1	5.3	4.6	5.0	7.9	6.4	6.2	5.7	5.8	5.9
SOUTHERN CHOICE	5.9	6.7	6.0	4.8	5.8	6.2	6.6	6.4	5.1	6.5	4.7	5.0	5.7	7.5	6.3	5.2	5.6	5.8	5.9
TAR HEEL	6.0	6.8	6.2	5.0	6.0	6.2	6.4	6.1	5.2	5.9	5.5	5.1	4.7	7.6	6.3	5.4	5.6	5.7	5.9
FALCON III (MB 212)	6.1	6.9	5.7	5.1	5.8	6.2	6.4	6.7	5.1	6.3	5.3	4.9	3.8	7.7	6.4	5.7	5.5	5.9	5.9
BAR FA 6D	5.7	6.7	6.0	4.3	5.5	6.5	6.6	6.1	5.3	6.2	5.2	4.7	5.3	7.8	6.4	5.8	5.6	5.9	5.9
CU9501T	5.4	6.8	6.0	5.2	5.5	6.2	6.4	6.2	4.9	6.7	5.1	5.0	4.9	7.6	6.4	6.0	5.4	5.9	5.9
BAR FA6 US2U	5.9	6.5	6.0	4.5	5.5	6.3	6.3	6.3	5.0	6.1	5.3	4.6	5.6	7.5	6.6	5.5	6.0	6.1	5.9
WILDFIRE (ATF-196)	5.9	6.8	6.1	4.7	5.3	6.2	6.1	5.7	5.1	6.6	5.3	5.2	5.5	7.6	6.3	5.8	5.4	5.9	5.8
REBEL 2000 (AA-989)	6.2	6.5	5.7	4.8	5.3	6.0	6.3	6.5	4.8	6.1	4.8	4.3	5.7	7.4	6.3	6.4	5.6	6.3	5.8
MB 28	5.8	6.4	5.7	5.0	5.5	6.0	6.5	6.2	5.2	6.1	5.2	4.7	6.1	7.4	6.6	5.3	5.5	6.1	5.8
DURANA (MB 211)	6.2	6.6	5.8	4.3	5.7	6.1	6.4	6.7	5.3	6.2	5.0	4.6	4.8	7.6	6.6	5.9	5.5	5.9	5.8
OFI-931	5.8	6.4	5.8	4.6	5.8	6.4	6.4	6.4	5.0	6.1	4.7	4.9	5.4	7.5	6.5	5.9	5.8	5.9	5.8
PICK FA 20-92	5.2	6.8	6.0	4.3	5.5	6.3	6.1	6.8	5.1	6.1	5.0	5.3	5.5	7.7	6.4	5.6	5.3	6.1	5.8
CORONADO	5.5	6.8	6.0	5.1	5.7	6.1	6.3	6.3	5.3	6.1	5.8	5.0	4.1	7.7	6.2	5.0	6.0	5.8	5.8
SR 8500 (SRX 8500)	5.7	6.8	5.9	4.7	5.7	6.3	6.2	6.4	5.2	6.5	4.8	5.0	5.0	7.5	6.3	5.8	5.7	5.8	5.8
MUSTANG II	6.1	6.7	5.7	5.0	5.8	6.3	6.6	6.4	4.9	6.1	4.5	4.7	5.6	7.4	6.4	5.7	5.3	5.5	5.8
MB 214	5.9	6.5	5.8	4.5	5.8	6.0	6.4	6.2	4.9	6.3	4.9	4.2	6.0	8.2	6.5	4.9	5.3	6.3	5.8
BONSAI 2000 (BULLET)	5.1	7.0	6.1	5.2	6.0	6.3	6.5	6.2	4.8	6.1	5.3	5.1	5.0	7.5	6.3	5.0	5.6	5.6	5.8
SUNPRO	6.2	6.6	6.0	4.5	5.7	6.3	6.0	6.4	4.9	6.4	5.4	4.8	4.8	7.7	6.3	4.9	5.7	6.0	5.8
EMPRESS	5.6	6.9	5.7	4.9	6.1	6.4	6.4	6.1	5.1	6.4	5.0	4.9	4.1	7.6	6.2	5.7	5.7	5.9	5.8
SR 8210	5.8	6.7	6.1	5.0	5.8	6.5	6.3	6.1	4.9	5.8	4.9	4.8	5.1	7.8	6.3	5.3	5.7	5.8	5.8

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IRRIGATED TO PREVENT STRESS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ARI	CA1	CA3	IA1	IL1	IN1	KS2	ME1	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
RED COAT (ATF-038)	6.4	6.8	6.0	4.9	5.2	6.3	6.2	5.9	4.8	6.5	4.5	4.6	5.8	7.6	6.4	5.7	5.3	5.7	5.8
APACHE II	6.0	6.7	6.0	4.8	5.9	6.1	6.3	6.5	4.9	6.1	4.8	5.0	5.1	7.4	6.2	5.4	5.4	5.7	5.8
CHAPEL HILL (TA-7)	5.4	6.2	5.8	4.8	5.6	6.1	6.3	6.4	5.2	6.2	4.9	4.7	5.3	7.5	6.4	6.1	5.5	5.8	5.8
PICK FA XK-95	6.1	6.8	5.9	4.5	5.7	6.1	6.3	5.6	5.1	6.0	5.3	5.2	5.1	7.7	6.3	5.5	5.2	5.9	5.8
AZTEC II (TMI-AZ)	4.9	6.9	6.0	5.2	5.7	6.3	6.4	5.7	5.1	5.9	5.0	4.8	5.6	7.7	6.4	5.6	5.3	5.8	5.8
TRACER (BAR FA6 US1)	5.9	6.7	5.9	4.1	5.2	6.4	6.3	6.0	5.0	6.4	5.2	4.7	5.8	7.9	6.4	4.8	5.5	6.1	5.8
GENESIS	5.7	6.4	5.7	5.1	5.7	6.2	6.4	6.0	5.0	5.7	4.8	4.1	6.0	7.3	6.5	6.0	5.5	5.7	5.8
BRAVO (RG-93)	5.4	6.7	5.8	5.1	5.7	6.3	6.5	6.3	5.0	5.5	5.0	4.9	6.1	7.6	6.2	5.0	5.2	5.9	5.8
DUSTER	5.4	6.6	6.0	5.2	5.7	6.2	6.3	5.9	5.0	6.1	4.4	4.4	5.2	7.4	6.3	6.3	5.7	5.7	5.8
ANTHEM II (TMI-FMN)	5.3	6.9	5.9	5.1	5.6	5.9	6.4	5.8	4.9	6.0	5.2	4.7	5.0	7.4	6.3	5.5	6.0	5.8	5.8
WOLFPACK (PST-R5TK)	5.5	6.7	6.3	5.5	6.0	6.3	6.4	5.7	5.0	6.0	5.0	5.1	3.9	7.4	6.6	5.1	5.4	5.7	5.8
AIRLIE (MB 210)	5.4	6.6	5.9	4.5	5.6	6.1	6.7	6.6	5.2	6.1	4.8	4.6	5.4	7.6	6.5	4.9	5.8	5.6	5.8
ARID II (J-3)	5.2	6.6	6.0	4.3	5.4	6.0	6.3	5.8	4.7	6.3	5.1	4.7	5.7	7.7	6.2	6.4	5.6	5.8	5.8
ZANZIBAR (ZPS-5LZ)	6.2	6.8	6.1	4.9	5.6	6.1	6.2	6.0	4.8	6.1	5.2	4.8	4.6	7.7	6.4	4.8	5.8	5.7	5.8
DOMINION (PST-5M5)	5.9	6.5	6.0	5.0	5.7	6.3	6.6	6.5	5.2	6.5	4.7	5.0	3.3	7.6	6.5	4.8	5.7	5.8	5.8
OFI-951	5.7	6.7	5.9	4.4	5.6	6.2	6.2	5.6	4.9	6.2	4.8	4.7	5.3	7.6	6.4	5.5	5.6	6.0	5.7
WYATT (ATF-188)	5.2	6.8	5.9	4.6	5.8	6.5	6.2	6.1	4.8	6.0	4.9	4.8	5.4	7.7	6.2	5.6	5.1	5.7	5.7
MB 216	5.9	6.2	5.6	5.2	5.5	5.9	6.3	6.4	5.2	6.1	4.9	4.3	4.9	7.6	6.4	5.2	5.6	6.1	5.7
BULLDAWG (PICK GA-96)	5.8	6.7	5.6	4.3	5.6	6.3	6.1	6.2	4.8	6.2	5.0	4.8	6.0	7.4	6.3	5.2	5.2	5.7	5.7
PIXIE E+	5.4	6.6	5.7	5.6	5.7	6.2	6.3	6.1	5.1	6.0	4.0	4.4	5.3	7.5	6.3	5.7	5.4	5.8	5.7
RESERVE (ATF-182)	6.0	6.5	5.9	4.1	5.7	6.2	6.3	6.3	4.8	5.9	4.5	4.6	5.8	7.5	6.4	5.5	5.4	5.7	5.7
RENEGADE	5.5	6.5	5.9	5.4	5.7	6.0	6.3	6.2	5.1	5.9	4.1	4.5	6.0	7.5	6.5	5.3	5.1	5.5	5.7
MB 215	5.9	6.2	5.7	4.7	5.5	6.0	6.4	6.5	5.2	6.3	5.0	4.1	4.4	7.9	6.5	5.2	5.7	6.0	5.7
BARRINGTON (BAR FA6D USA)	5.0	6.7	5.9	4.4	5.6	6.4	6.4	6.4	4.9	6.1	5.5	4.6	4.0	7.8	6.6	5.2	5.6	5.9	5.7
TULSA	5.6	7.0	5.9	5.0	5.8	6.3	6.3	5.9	5.0	5.9	4.5	4.9	3.8	7.7	6.4	5.7	5.5	5.7	5.7
R5AU	6.0	6.8	6.0	4.7	5.8	6.2	6.4	6.6	5.3	5.5	4.6	4.7	3.2	7.4	6.4	5.8	5.8	5.6	5.7
ISI-TF11	5.7	6.5	5.7	5.7	5.9	6.0	6.3	5.7	5.1	5.8	4.5	4.6	5.1	7.4	6.3	5.1	5.5	5.5	5.7
PICK FA 15-92	5.6	6.7	5.7	4.3	5.5	6.1	6.1	5.5	4.7	6.0	5.3	4.4	4.9	7.3	6.1	6.7	5.4	5.9	5.7
SHORTSTOP II	5.1	6.7	5.8	4.6	5.4	6.0	6.0	5.2	4.9	6.3	5.0	4.5	5.8	7.4	6.0	6.4	5.2	5.9	5.7
ARABIA (J-5)	5.6	6.7	6.1	4.1	5.2	6.2	6.0	5.8	4.7	5.5	5.1	4.6	5.3	7.6	6.3	5.7	5.7	6.1	5.7
ALAMO E	5.9	6.6	6.0	5.0	5.8	6.0	6.2	5.2	5.0	5.8	5.0	4.9	4.5	7.6	6.3	5.4	5.2	5.9	5.7
ISI-TF9	5.6	6.7	5.7	4.8	5.8	6.0	6.3	6.0	4.9	6.0	4.7	4.4	4.9	7.6	6.4	5.3	5.4	5.6	5.7
ATF-257	6.1	6.7	5.8	4.8	5.9	6.0	6.3	6.1	4.8	6.2	4.2	4.9	4.8	7.3	6.3	5.1	5.3	5.3	5.7
WX3-275	5.4	6.6	5.6	5.0	5.6	6.0	6.2	6.1	4.9	5.7	4.8	4.1	6.0	7.5	6.1	5.8	5.0	5.4	5.7
ISI-TF10	5.9	6.3	5.9	4.3	5.3	6.0	6.3	6.1	5.1	5.5	4.7	4.4	5.3	7.3	6.5	5.4	5.5	5.8	5.7
TF 66 (BAR FA6 US6F)	5.7	6.7	5.8	4.8	5.6	6.1	6.3	6.0	5.2	5.8	4.5	4.7	3.1	7.7	6.5	5.9	5.6	5.8	5.7
REGIMENT	5.5	6.7	5.5	5.3	5.7	6.2	6.1	5.9	5.1	5.8	4.7	4.6	5.1	7.4	6.3	5.2	5.2	5.4	5.7
PST-5TO	5.8	6.7	5.9	4.1	5.7	6.1	6.4	5.6	5.3	5.6	5.1	4.9	4.3	7.5	6.3	5.3	5.5	5.7	5.6
OFI-FWY	6.0	6.6	5.5	4.8	5.5	6.3	6.3	5.8	5.1	6.1	4.7	4.5	5.2	7.5	6.5	4.1	5.6	5.7	5.6
COCHISE II	6.0	6.7	5.6	4.4	5.6	6.1	6.1	5.9	4.9	5.7	4.3	4.3	5.9	7.6	6.3	5.2	5.0	5.8	5.6
SAFARI	5.6	6.5	5.5	5.3	6.2	6.0	6.4	6.1	5.1	5.7	4.0	4.2	5.6	7.5	6.3	5.0	5.2	5.3	5.6
CORONADO GOLD (PST-5RT)	5.9	6.5	6.1	4.8	5.9	6.1	6.3	5.9	5.1	5.4	5.1	4.8	4.0	7.5	6.3	5.1	5.0	5.7	5.6
TWILIGHT II (TMI-IW)	5.2	6.7	5.7	4.9	5.3	5.8	6.4	5.5	5.0	5.4	5.0	4.6	5.0	7.3	6.3	5.9	5.5	5.9	5.6
SHENANDOAH	5.9	6.2	5.5	5.6	5.8	6.1	6.3	5.7	4.9	5.9	4.2	4.2	5.9	7.2	6.2	5.1	5.3	5.4	5.6
BANDANA (PST-R5AE)	5.3	7.0	6.1	4.9	5.7	6.1	6.4	5.4	5.0	5.6	4.4	4.5	4.8	7.6	6.5	5.2	5.2	5.8	5.6

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IRRIGATED TO PREVENT STRESS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AR1	CA1	CA3	IA1	IL1	IN1	KS2	ME1	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
LION	5.9	6.4	5.9	4.8	5.7	5.8	6.3	5.9	5.0	5.7	4.5	4.5	3.7	7.7	6.5	6.1	5.5	5.7	5.6
ARIZONA (PICK FA 6-91)	5.6	6.6	5.5	4.1	5.4	6.2	6.3	6.2	5.0	6.1	4.5	4.4	3.2	7.6	6.3	6.6	5.6	6.1	5.6
VELOCITY (AA-983)	5.8	6.3	5.6	3.8	5.2	6.1	6.3	6.5	4.9	6.5	4.0	4.2	4.6	7.5	6.3	6.4	5.2	6.0	5.6
FALCON II	5.2	6.4	5.7	4.9	5.8	6.1	6.6	5.9	5.0	6.3	4.3	4.2	5.0	7.3	6.3	5.2	5.3	5.6	5.6
TOMAHAWK-E	5.0	6.5	5.7	4.2	5.9	6.0	6.3	6.5	4.8	6.3	4.7	3.9	4.5	7.4	6.1	6.1	5.5	5.7	5.6
PICK FA N-93	5.0	6.6	5.9	3.8	5.2	6.3	6.0	6.1	5.0	5.8	5.4	5.0	4.5	7.8	6.5	5.0	5.6	5.8	5.6
PRO 8430	5.3	6.5	5.8	5.1	5.9	6.1	6.3	5.9	4.9	6.1	4.0	4.3	5.1	7.6	6.2	4.8	5.3	5.6	5.6
FINELAWN PETITE	5.0	6.4	5.7	5.0	5.4	6.0	6.3	5.9	4.8	5.4	4.7	4.2	4.9	7.6	6.5	5.8	5.4	5.7	5.6
EA 41	5.8	6.6	5.8	4.7	5.5	6.0	6.0	5.9	5.3	5.3	4.8	4.3	3.9	7.7	6.3	5.6	4.9	6.0	5.6
MARKSMAN	5.7	6.2	5.4	5.2	5.7	5.8	6.3	6.5	4.9	6.2	4.1	4.2	4.5	7.4	6.3	4.8	5.5	5.7	5.6
ATF-022	5.9	6.5	5.4	4.6	5.3	5.8	6.3	6.2	4.7	6.1	4.0	4.3	5.4	7.4	6.3	5.7	5.2	5.5	5.6
ATF-253	5.4	6.7	5.7	5.1	5.6	5.9	6.4	6.1	4.9	5.7	4.7	4.7	3.4	7.3	6.3	5.3	4.9	5.6	5.5
GLEN EAGLE (EC-101)	5.1	6.5	5.6	4.7	5.5	6.1	6.4	5.8	4.9	5.7	4.2	4.4	4.4	7.5	6.3	5.7	5.1	5.6	5.5
LEPRECHAUN	5.2	6.4	5.8	4.9	5.7	6.0	6.1	6.3	4.9	5.6	4.1	4.1	5.6	7.3	6.1	4.3	5.3	5.6	5.5
OFI-96-32	5.4	6.4	5.3	4.7	5.7	5.8	6.4	5.7	5.0	5.6	4.2	4.4	4.9	7.5	6.3	5.4	5.1	5.5	5.5
ATF-020	5.7	6.5	5.6	4.3	5.2	5.8	6.3	6.1	4.5	5.9	4.2	4.4	4.7	7.4	6.2	5.5	5.1	5.6	5.5
PSII-TF-9	5.3	6.3	5.3	4.8	5.5	5.9	6.1	5.6	4.9	5.4	4.0	4.4	5.8	7.2	6.2	5.3	5.1	5.6	5.5
PICK FA UT-93	5.2	6.6	5.5	3.7	4.7	6.0	5.7	6.0	4.6	5.7	4.5	4.3	5.0	7.5	6.0	5.9	5.5	5.7	5.5
GOOD-EN (KOOS 96-14)	5.2	6.2	5.0	4.4	5.5	5.6	6.3	6.1	4.9	5.5	4.7	4.6	5.4	7.4	6.1	4.9	5.1	5.6	5.5
TITAN 2	5.3	6.1	5.1	5.8	5.9	5.8	6.4	5.6	4.9	5.7	3.9	3.9	5.9	7.1	6.1	5.0	4.8	5.1	5.5
EQUINOX (TMI-N91)	5.0	6.6	5.6	4.5	5.7	5.7	6.1	5.8	4.9	5.2	4.1	4.3	4.4	7.3	6.3	5.7	5.4	5.7	5.5
WVPB-1B	5.3	6.3	5.4	4.5	5.4	6.0	6.3	5.8	5.0	5.5	4.3	4.2	4.6	7.3	6.2	5.2	5.1	5.4	5.4
DP 50-9011	5.1	6.6	5.7	4.2	5.1	6.2	6.1	5.8	4.9	5.7	3.6	3.7	5.5	7.6	6.2	5.2	5.2	5.4	5.4
KITTY HAWK S.S.T. (SS45DW)	4.8	6.3	5.6	4.7	5.7	5.9	6.3	5.6	4.6	5.4	3.9	4.3	5.2	7.4	6.1	5.4	5.0	5.6	5.4
HELIX (WVPB-1D)	5.5	6.4	5.3	4.9	5.6	5.7	6.2	5.3	4.9	5.7	4.3	4.4	5.0	7.2	6.3	4.6	4.9	5.4	5.4
PSII-TF-10	5.0	6.3	5.3	4.6	5.4	5.7	6.2	5.5	4.8	6.0	4.1	4.2	5.1	7.3	6.2	5.2	5.0	5.6	5.4
PEDESTAL (PC-AO)	5.0	6.4	5.4	4.7	5.3	6.0	6.3	5.4	4.8	6.1	4.0	4.1	5.0	7.4	6.2	4.8	5.0	5.6	5.4
WPEZE (WVPB-1C)	5.0	6.2	4.9	5.0	5.5	5.8	6.2	5.6	4.8	5.1	3.9	4.5	5.7	7.2	6.2	5.5	5.2	5.5	5.4
SRX 8084	5.0	6.7	5.6	4.9	5.7	5.8	6.1	5.8	4.8	5.9	3.8	4.2	4.1	7.3	6.1	4.6	5.1	5.5	5.4
COMSTOCK (SSDE31)	5.4	6.3	5.4	4.4	5.6	5.9	6.3	6.0	4.9	5.4	4.2	4.1	3.6	7.2	6.2	5.7	4.9	5.6	5.4
AXIOM (ATF-192)	5.1	6.3	5.6	4.9	5.4	5.6	6.2	6.0	4.8	5.0	3.8	4.1	4.6	6.9	6.2	5.5	5.3	5.3	5.4
BONSAI	4.8	6.2	5.6	4.4	5.5	5.9	6.1	5.2	4.8	5.8	3.6	4.0	4.9	7.2	6.1	4.9	5.1	5.5	5.3
JSC-1	4.4	6.2	5.2	4.7	5.3	5.7	6.3	5.4	4.6	5.7	3.8	3.7	4.8	7.3	6.1	5.7	5.1	5.5	5.3
JTTFC-96	5.2	6.3	5.3	4.8	5.3	5.9	6.2	5.4	5.0	5.3	3.4	3.7	4.5	7.0	6.2	4.6	4.7	4.9	5.2
JTTFFA-96	4.8	6.2	5.0	4.7	5.3	5.9	5.4	5.3	4.5	4.8	3.3	4.0	5.0	7.1	6.0	4.6	5.0	4.9	5.1
DLF-1	4.7	5.9	4.7	4.8	5.1	5.5	6.2	5.0	4.7	5.3	2.9	3.1	3.2	7.1	6.0	5.4	4.8	5.1	5.0
ARID	4.6	5.5	4.9	5.6	5.0	5.5	5.7	4.7	4.6	5.3	2.8	2.6	4.4	6.7	5.9	4.4	4.8	4.7	4.9
DP 7952	4.2	5.5	4.4	5.0	4.9	5.5	5.9	5.1	4.6	4.7	2.5	2.9	5.6	6.9	5.7	4.1	4.5	4.8	4.8
AV-1	4.0	5.3	4.7	4.7	5.1	5.1	5.8	5.0	4.5	4.9	2.3	2.8	3.5	6.7	5.7	5.7	4.7	5.0	4.7
KENTUCKY-31 W/ENDO.	3.4	3.5	4.0	5.3	4.2	3.3	4.5	3.5	4.2	2.9	1.5	1.1	4.5	5.5	5.0	4.1	3.5	3.6	3.8
LSD VALUE	0.5	0.4	0.3	0.8	0.4	0.3	0.3	0.6	0.5	0.4	0.5	0.4	2.0	0.3	0.3	0.5	0.5	0.3	0.1
C.V. (%)	10.9	7.2	6.3	21.2	9.2	6.3	6.5	13.1	11.9	9.1	14.5	11.1	35.5	5.0	6.1	5.9	12.0	5.5	11.1

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

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

TABLE 19. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IRRIGATED TO PREVENT DORMANCY 1/
1997-2000 DATA

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

NAME	GA1	IL2	MD1	MO3	VA4	MEAN
REMBRANDT (LTP-4026 E+)	6.6	7.5	6.0	6.6	5.8	6.5
DYNASTY (PICK RT-95)	6.6	7.5	5.4	6.7	6.0	6.4
MASTERPIECE (LTP-SD-TF)	6.9	6.9	5.8	6.5	5.9	6.4
SCORPIO (ZPS-2PTF)	6.3	7.4	5.8	6.4	5.8	6.3
PLANTATION (PENNINGTON-1901)	6.8	6.6	5.9	6.7	5.7	6.3
SHENANDOAH II (WRS2)	6.2	7.2	5.8	6.7	5.9	6.3
MILLENNIUM (TMI-RBR)	6.4	7.3	5.8	6.2	5.8	6.3
JAGUAR 3	6.7	7.1	5.5	6.3	5.8	6.3
DOMINION (PST-5M5)	6.1	6.9	5.7	6.6	5.9	6.2
REBEL SENTRY (AA-A91)	6.2	6.7	6.0	6.5	5.7	6.2
WOLFPACK (PST-R5TK)	6.8	6.5	5.8	6.1	5.7	6.2
OLYMPIC GOLD (PST-5E5)	6.6	6.3	5.7	6.4	5.7	6.1
COYOTE	6.0	6.6	5.7	6.5	5.8	6.1
MUSTANG II	6.3	7.1	5.4	5.9	5.8	6.1
ARID 3 (J-98)	5.9	6.3	5.9	6.6	5.7	6.1
RESERVE (ATF-182)	6.5	6.9	5.7	5.6	5.7	6.1
CROSSFIRE II	6.4	6.8	5.2	6.3	5.7	6.1
R5AU	6.4	6.9	5.5	6.1	5.5	6.1
ONCUE (PST-523)	6.3	6.6	5.7	5.9	5.8	6.0
FALCON III (MB 212)	6.2	7.1	5.0	6.1	5.8	6.0
GAZELLE	5.7	6.8	5.4	6.4	5.8	6.0
PIXIE E+	5.9	6.6	5.9	6.1	5.7	6.0
TAR HEEL	6.2	6.4	5.5	6.3	5.7	6.0
CU9501T	6.0	6.4	6.0	6.0	5.6	6.0
WATCHDOG (PICK FA B-93)	5.9	6.5	5.7	6.0	5.9	6.0
SOUTHERN CHOICE	6.1	6.6	5.8	5.8	5.6	6.0
WILDFIRE (ATF-196)	5.8	7.0	5.4	6.1	5.6	6.0
CU9502T	5.8	6.2	6.1	6.0	5.8	6.0
OFI-931	6.0	6.2	5.5	6.3	5.7	6.0
TULSA	6.1	6.7	5.4	5.9	5.7	6.0
BONSAI 2000 (BULLET)	5.9	6.8	5.5	5.8	5.6	5.9
BRAVO (RG-93)	6.2	6.4	5.4	6.0	5.7	5.9
MB 29	6.0	6.0	5.4	6.6	5.7	5.9
EMPRESS	6.0	5.9	5.7	6.4	5.6	5.9
ATF-257	6.1	6.7	5.5	5.7	5.6	5.9
RENEGADE	5.9	6.3	5.9	5.8	5.6	5.9
MB 28	6.0	6.2	5.5	6.3	5.6	5.9
DURANA (MB 211)	5.8	6.7	5.1	6.4	5.6	5.9
BANDANA (PST-R5AE)	5.8	6.4	5.6	6.0	5.7	5.9
PST-5TO	6.2	5.8	5.4	6.3	5.7	5.9
GENESIS	6.0	6.3	5.7	5.8	5.6	5.9
ISI-TF11	5.9	6.3	5.7	6.0	5.6	5.9
BRANDY (J-101)	5.7	6.5	5.1	6.4	5.8	5.9
BARRINGTON (BAR FA6D USA)	6.1	5.9	5.4	6.3	5.7	5.9

TABLE 19. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IRRIGATED TO PREVENT DORMANCY
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	GA1	IL2	MD1	MO3	VA4	MEAN
AIRLIE (MB 210)	5.7	6.4	5.7	5.8	5.7	5.9
SHENANDOAH	6.0	6.3	5.8	5.6	5.6	5.9
MB 215	5.9	6.0	5.4	6.4	5.6	5.8
SAFARI	6.0	6.2	5.8	5.6	5.7	5.8
REBEL 2000 (AA-989)	6.1	5.7	5.4	6.3	5.7	5.8
ATF-253	6.0	6.8	5.2	5.8	5.5	5.8
MB 216	5.9	5.5	5.4	6.7	5.6	5.8
WYATT (ATF-188)	5.9	6.2	5.5	5.8	5.7	5.8
TWILIGHT II (TMI-TW)	5.9	6.1	5.3	6.1	5.6	5.8
RED COAT (ATF-038)	5.8	6.4	5.4	5.9	5.6	5.8
CHAPEL HILL (TA-7)	6.0	6.1	5.5	5.8	5.6	5.8
DUSTER	5.5	6.2	5.7	5.9	5.6	5.8
REGIMENT	5.6	6.3	5.6	5.8	5.6	5.8
MB 214	5.6	5.9	5.6	6.2	5.6	5.8
BARLEXAS II (BAR FA 6LV)	6.2	6.0	5.2	5.9	5.6	5.8
ISI-TF9	5.7	6.4	5.3	5.8	5.6	5.8
FALCON II	6.0	5.6	6.0	5.7	5.6	5.8
ZANZIBAR (ZPS-5LZ)	5.4	6.0	5.2	6.5	5.6	5.8
ALAMO E	5.9	6.1	5.4	5.8	5.6	5.8
VELOCITY (AA-983)	5.9	6.0	5.1	6.2	5.5	5.8
MB 213	5.7	6.2	4.8	6.5	5.5	5.7
CORONADO	6.2	6.0	4.7	6.2	5.6	5.7
APACHE II	6.0	5.7	5.5	5.8	5.7	5.7
BARRERA (BAR FA6 US3)	5.4	6.0	5.2	6.4	5.7	5.7
ANTHEM II (TMI-FMN)	5.8	6.4	4.9	5.8	5.7	5.7
MB 26	5.1	6.2	5.2	6.4	5.6	5.7
PRO 8430	5.9	6.6	5.1	5.4	5.6	5.7
BAR FA 6D	5.8	5.8	5.6	5.8	5.6	5.7
ATF-020	5.5	6.5	5.3	5.8	5.5	5.7
ARID II (J-3)	5.6	6.2	5.1	6.1	5.6	5.7
LION	5.1	6.2	5.3	6.0	5.7	5.7
SR 8210	5.6	5.7	5.0	6.3	5.7	5.7
TF 66 (BAR FA6 US6F)	5.6	5.5	5.4	6.1	5.7	5.7
ATF-022	5.8	6.7	5.1	5.5	5.2	5.7
FINELAWN PETITE	6.0	5.6	5.4	5.7	5.6	5.7
OFI-951	5.5	5.4	5.2	6.4	5.7	5.6
TITAN 2	5.9	6.0	5.9	5.1	5.3	5.6
BULLDAWG (PICK GA-96)	5.7	5.4	5.4	5.9	5.7	5.6
AZTEC II (TMI-AZ)	5.8	6.1	4.6	5.9	5.7	5.6
CORONADO GOLD (PST-5RT)	6.6	5.3	4.6	5.9	5.8	5.6
TOMAHAWK-E	5.6	5.6	5.3	6.1	5.5	5.6
OFI-96-32	5.9	6.1	5.1	5.5	5.5	5.6
PSII-TF-9	5.7	5.9	5.6	5.5	5.4	5.6
COCHISE II	5.7	5.9	5.2	5.7	5.5	5.6
WX3-275	6.2	5.9	4.6	5.7	5.6	5.6

TABLE 19. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IRRIGATED TO PREVENT DORMANCY
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF						
NAME	GA1	IL2	MD1	MO3	VA4	MEAN
ARIZONA (PICK FA 6-91)	5.4	5.8	5.2	6.1	5.4	5.6
OFI-96-31	5.6	5.6	5.0	6.1	5.7	5.6
PICK FA 20-92	5.4	5.7	5.3	6.1	5.4	5.6
LEPRECHAUN	6.1	5.2	5.5	5.5	5.5	5.6
PICK FA N-93	4.8	5.7	4.9	6.9	5.5	5.6
WVPB-1B	5.8	5.8	5.2	5.6	5.4	5.6
PEDESTAL (PC-AO)	5.6	5.7	5.1	5.8	5.6	5.5
BAR FA6 US2U	5.4	5.5	5.2	6.0	5.6	5.5
OFI-FWY	5.5	5.4	5.3	5.8	5.6	5.5
TRACER (BAR FA6 US1)	5.5	5.5	5.1	6.1	5.5	5.5
WPEZE (WVPB-1C)	5.8	5.4	5.5	5.5	5.5	5.5
GLEN EAGLE (EC-101)	5.7	5.6	4.9	5.8	5.5	5.5
AXIOM (ATF-192)	5.7	5.6	5.3	5.4	5.5	5.5
SR 8500 (SRX 8500)	5.2	5.7	5.1	5.7	5.7	5.5
SRX 8084	5.7	5.7	5.0	5.5	5.6	5.5
MARKSMAN	5.8	5.8	4.7	5.4	5.6	5.5
GOOD-EN (KOOS 96-14)	5.4	5.5	5.4	5.5	5.5	5.5
EA 41	4.9	5.2	5.3	6.3	5.6	5.5
COMSTOCK (SSDE31)	5.6	5.4	5.2	5.6	5.4	5.4
HELIX (WVPB-1D)	6.0	5.2	4.9	5.5	5.5	5.4
KITTY HAWK S.S.T. (SS45DW)	5.6	5.7	4.8	5.7	5.5	5.4
ARABIA (J-5)	5.2	5.7	4.7	6.0	5.6	5.4
PICK FA XK-95	5.5	5.4	4.4	6.1	5.5	5.4
ISI-TF10	5.6	5.3	4.8	5.8	5.5	5.4
PSII-TF-10	5.4	5.6	4.9	5.6	5.5	5.4
EQUINOX (TMI-N91)	5.9	5.2	5.0	5.3	5.5	5.4
SUNPRO	5.4	5.1	5.2	5.8	5.5	5.4
PICK FA 15-92	5.4	5.8	4.3	6.1	5.4	5.4
JITFC-96	5.8	5.5	5.2	5.1	5.3	5.4
DP 50-9011	5.4	5.3	4.9	5.5	5.4	5.3
SHORTSTOP II	4.7	5.3	5.1	5.9	5.4	5.3
JITFA-96	5.6	4.9	5.6	5.0	5.4	5.3
ARID	5.7	5.1	5.5	4.7	5.0	5.2
JSC-1	5.4	4.6	4.9	5.6	5.3	5.2
BONSAI	4.6	5.5	4.6	5.5	5.4	5.1
DLF-1	5.5	4.7	4.6	5.1	5.3	5.0
PICK FA UT-93	4.6	4.4	4.4	6.0	5.4	4.9
DP 7952	4.5	4.4	5.2	4.7	5.1	4.8
AV-1	5.1	4.2	4.6	4.7	5.0	4.7
KENTUCKY-31 W/ENDO.	5.1	3.3	3.9	3.2	4.2	3.9
LSD VALUE	0.5	0.8	0.9	0.4	0.7	0.3
C.V. (%)	10.3	17.2	19.9	8.8	14.6	14.6

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

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

TABLE 20. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
NOT IRRIGATED OR ONLY DURING SEVERE STRESS 1/
1997-2000 DATA

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

NAME	KY1	MI1	SC2	VA1	MEAN
REMBRANDT (LTP-4026 E+)	8.3	5.8	6.2	5.5	6.4
PLANTATION (PENNINGTON-1901)	8.1	5.9	5.7	5.5	6.3
MB 29	8.1	5.7	5.8	5.1	6.2
FALCON III (MB 212)	8.1	5.8	5.5	5.2	6.2
MILLENNIUM (TMI-RBR)	8.1	5.6	5.6	5.2	6.1
CU9502T	7.9	5.5	5.5	5.5	6.1
CU9501T	7.7	5.4	6.0	5.2	6.1
CHAPEL HILL (TA-7)	7.8	5.8	5.3	5.3	6.1
DURANA (MB 211)	7.9	5.8	5.5	5.0	6.1
DYNASTY (PICK RT-95)	8.0	5.7	5.2	5.3	6.1
PIXIE E+	7.1	5.7	6.0	5.4	6.0
TAR HEEL	7.8	5.4	5.5	5.4	6.0
SHENANDOAH	7.2	5.9	5.4	5.4	6.0
MB 216	7.4	5.9	5.8	4.9	6.0
DOMINION (PST-5M5)	7.7	5.8	5.1	5.3	6.0
MASTERPIECE (LTP-SD-TF)	8.1	5.3	5.4	5.2	6.0
OLYMPIC GOLD (PST-5E5)	7.9	5.6	5.2	5.2	6.0
MUSTANG II	7.3	5.9	5.9	4.8	6.0
GENESIS	7.6	5.1	5.4	5.7	6.0
MB 215	7.3	5.7	5.6	5.3	6.0
SHENANDOAH II (WRS2)	7.8	5.3	5.3	5.5	6.0
PEDESTAL (PC-AO)	7.7	5.6	5.4	5.2	6.0
COYOTE	7.8	5.4	5.2	5.4	6.0
BRANDY (J-101)	7.5	5.7	5.6	5.0	6.0
WATCHDOG (PICK FA B-93)	7.8	5.5	5.5	5.0	5.9
MB 213	7.8	5.7	5.5	4.9	5.9
RED COAT (ATF-038)	7.4	5.5	5.5	5.4	5.9
RESERVE (ATF-182)	7.3	5.5	5.5	5.5	5.9
MB 28	7.4	5.8	5.6	5.0	5.9
BARRINGTON (BAR FA6D USA)	7.9	5.4	5.4	5.0	5.9
ANTHEM II (TMI-FMN)	7.4	5.8	5.5	4.9	5.9
AIRLIE (MB 210)	7.5	5.5	5.7	4.9	5.9
REBEL SENTRY (AA-A91)	7.7	5.3	5.5	5.1	5.9
SOUTHERN CHOICE	7.2	5.9	5.2	5.3	5.9
SAFARI	7.1	6.0	5.2	5.3	5.9
MB 214	7.6	5.2	5.5	5.2	5.9
ISI-TF9	7.6	5.8	5.2	5.0	5.9
MB 26	7.7	5.3	5.7	4.9	5.9
WOLFPACK (PST-R5TK)	7.5	5.5	5.2	5.3	5.9
SCORPIO (ZPS-2PTF)	7.9	5.5	5.2	5.0	5.9
OFI-931	7.7	5.4	5.4	5.1	5.9
COMSTOCK (SSDE31)	7.1	5.6	5.4	5.4	5.9
JAGUAR 3	7.9	5.3	5.2	5.2	5.9
RENEGADE	7.3	5.4	5.2	5.5	5.9

TABLE 20. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) NOT IRRIGATED OR ONLY DURING SEVERE STRESS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	KY1	MI1	SC2	VA1	MEAN
GLEN EAGLE (EC-101)	7.4	5.7	5.3	5.1	5.9
FALCON II	7.2	5.6	5.2	5.4	5.9
ISI-TF11	7.4	5.6	5.2	5.2	5.9
REBEL 2000 (AA-989)	7.3	4.9	5.8	5.3	5.8
TULSA	7.2	5.6	5.5	5.0	5.8
AZTEC II (TMI-AZ)	7.3	5.7	5.3	4.9	5.8
WYATT (ATF-188)	7.3	5.6	5.4	5.0	5.8
ONCUE (PST-523)	7.5	5.5	5.3	5.1	5.8
CROSSFIRE II	7.6	5.3	5.2	5.2	5.8
GOOD-EN (KOOS 96-14)	6.9	5.5	5.6	5.3	5.8
BONSAI 2000 (BULLET)	7.5	5.3	5.5	5.0	5.8
OFL-96-31	7.2	5.5	5.3	5.1	5.8
ARID 3 (J-98)	7.7	5.1	5.6	4.8	5.8
MARKSMAN	6.9	5.7	5.6	5.1	5.8
REGIMENT	6.9	5.5	5.6	5.3	5.8
APACHE II	7.6	5.1	5.4	5.1	5.8
ALAMO E	7.1	5.7	5.6	4.9	5.8
BRAVO (RG-93)	7.5	5.3	5.2	5.2	5.8
R5AU	7.3	5.2	5.6	5.0	5.8
PSII-TF-9	7.0	5.6	5.3	5.2	5.8
ATF-257	7.4	5.3	5.4	5.0	5.8
ARID II (J-3)	7.3	5.6	5.5	4.8	5.8
ISI-TF10	7.3	5.6	5.1	5.1	5.8
BARRERA (BAR FA6 US3)	7.9	5.1	5.3	4.7	5.8
BAR FA 6D	7.6	5.2	5.4	4.9	5.8
GAZELLE	7.8	5.0	5.2	5.0	5.8
WPEZE (WVPB-1C)	7.1	5.4	5.2	5.4	5.8
TITAN 2	6.7	5.6	5.5	5.2	5.8
OFL-96-32	7.0	5.4	5.4	5.2	5.7
VELOCITY (AA-983)	7.2	5.2	5.5	5.1	5.7
PICK FA XK-95	7.3	5.3	5.2	5.2	5.7
SR 8500 (SRX 8500)	7.6	5.2	5.2	5.0	5.7
BARLEXAS II (BAR FA 6LV)	7.8	5.1	5.3	4.8	5.7
HELIX (WVPB-1D)	7.0	5.5	5.2	5.2	5.7
KITTY HAWK S.S.T. (SS45DW)	7.0	5.5	5.4	4.9	5.7
CORONADO GOLD (PST-5RT)	7.3	5.7	5.2	4.8	5.7
BAR FA6 US2U	7.7	5.2	5.3	4.8	5.7
SR 8210	7.4	5.5	5.1	4.9	5.7
BANDANA (PST-R5AE)	7.2	5.5	5.2	4.9	5.7
WX3-275	7.4	5.4	5.2	4.9	5.7
ARABIA (J-5)	7.4	5.2	5.5	4.7	5.7
FINELAWN PETITE	7.2	5.2	5.2	5.2	5.7
TWILIGHT II (TMI-TW)	7.0	5.4	5.3	5.0	5.7
ZANZIBAR (ZPS-5LZ)	7.7	5.0	5.2	4.9	5.7
EMPRESS	7.5	5.2	5.2	4.9	5.7

TABLE 20. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) NOT IRRIGATED OR ONLY DURING SEVERE STRESS
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	KY1	MI1	SC2	VA1	MEAN
PST-5TO	7.5	5.3	5.1	4.8	5.7
SRX 8084	7.1	5.6	5.1	4.9	5.7
CORONADO	7.4	4.9	5.4	5.0	5.7
ATF-022	7.0	5.1	5.5	5.2	5.7
TF 66 (BAR FA6 US6F)	7.4	5.1	5.2	5.0	5.7
ATF-020	7.3	5.1	5.4	4.9	5.7
OFI-951	7.4	5.3	5.3	4.6	5.7
LION	7.0	5.5	5.3	4.8	5.6
OFI-FWY	7.4	5.0	5.3	5.0	5.6
EQUINOX (TMI-N91)	6.7	5.6	5.5	4.8	5.6
JTTFC-96	6.9	5.6	5.1	4.9	5.6
ATF-253	7.1	5.1	5.4	5.0	5.6
WVPB-1B	7.0	5.1	5.2	5.2	5.6
TOMAHAWK-E	7.1	5.1	5.2	5.1	5.6
BULLDANG (PICK GA-96)	7.5	4.9	5.2	5.0	5.6
SUNPRO	7.4	5.1	5.2	4.8	5.6
TRACER (BAR FA6 US1)	7.9	4.9	5.3	4.5	5.6
LEPRECHAUN	6.9	5.1	5.4	5.2	5.6
DUSTER	7.2	5.1	5.1	5.0	5.6
PSII-TF-10	7.0	5.3	5.2	4.9	5.6
ARID	6.1	5.9	5.4	5.1	5.6
JSC-1	6.9	5.2	5.2	5.0	5.6
EA 41	7.2	5.4	5.1	4.8	5.6
DP 50-9011	6.9	5.3	5.4	4.8	5.6
PRO 8430	6.9	5.2	5.2	5.1	5.6
WILDFIRE (ATF-196)	6.9	5.0	5.5	4.9	5.6
DLF-1	6.3	5.4	5.8	4.8	5.6
PICK FA 15-92	7.0	5.3	5.6	4.5	5.6
BONSAI	6.6	5.7	5.2	4.8	5.6
JTTFA-96	6.2	5.7	5.1	5.3	5.6
COCHISE II	6.8	5.3	5.1	4.8	5.5
ARIZONA (PICK FA 6-91)	7.0	5.1	5.6	4.4	5.5
AXIOM (ATF-192)	6.4	5.0	5.5	5.1	5.5
SHORTSTOP II	7.0	4.8	5.6	4.6	5.5
PICK FA 20-92	7.2	4.9	5.2	4.6	5.5
PICK FA N-93	7.3	4.7	5.2	4.4	5.4
DP 7952	5.9	5.3	5.5	4.9	5.4
AV-1	6.0	5.4	5.3	4.8	5.4
PICK FA UT-93	6.9	4.1	5.3	4.1	5.1
KENTUCKY-31 W/ENDO.	4.4	5.8	4.9	4.1	4.8
LSD VALUE	0.3	0.7	0.7	0.9	0.4
C.V. (%)	5.3	14.4	10.9	24.4	15.2

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

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

TABLE 21. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN DIFFERENT CLIMATIC ZONES 1/
1997-2000 DATA

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

NAME	TRANSITION			MEAN
	ZONE	COOL-HUMID	COOL-ARID	
REMBRANDT (LTP-4026 E+)	6.3	6.2	6.2	6.3
PLANTATION (PENNINGTON-1901)	6.2	6.3	6.3	6.2
MILLENNIUM (TMI-RBR)	6.1	6.4	6.2	6.2
DYNASTY (PICK RT-95)	6.1	5.9	6.2	6.1
SHENANDOAH II (WRS2)	6.1	5.9	6.1	6.0
MASTERPIECE (LTP-SD-TF)	6.1	5.9	6.1	6.0
SCORPIO (ZPS-2PTF)	6.0	5.9	6.3	6.0
CROSSFIRE II	5.9	6.1	6.1	6.0
COYOTE	5.9	5.9	6.1	6.0
REBEL SENTRY (AA-A91)	5.9	5.9	6.0	5.9
WATCHDOG (PICK FA B-93)	5.9	5.9	6.1	5.9
ARID 3 (J-98)	5.9	5.9	6.0	5.9
JAGUAR 3	6.0	5.8	6.0	5.9
OLYMPIC GOLD (PST-5E5)	6.0	5.8	6.1	5.9
BRANDY (J-101)	5.7	6.0	6.0	5.9
FALCON III (MB 212)	5.9	5.8	6.0	5.9
CU9502T	5.9	5.8	5.9	5.9
MB 29	6.0	5.7	6.0	5.9
CU9501T	5.9	5.8	6.0	5.9
MUSTANG II	5.9	5.8	5.8	5.9
TAR HEEL	5.9	5.7	6.1	5.9
ONCUE (PST-523)	5.9	5.8	6.0	5.8
SOUTHERN CHOICE	5.8	5.8	6.0	5.8
MB 26	5.8	5.8	6.0	5.8
GAZELLE	5.8	5.8	6.0	5.8
DURANA (MB 211)	5.9	5.7	5.9	5.8
MB 213	5.8	5.7	6.0	5.8
DOMINION (PST-5M5)	6.0	5.6	6.0	5.8
MB 28	5.8	5.8	5.9	5.8
OFI-931	5.8	5.7	6.0	5.8
BARLEXAS II (BAR FA 6LV)	5.8	5.7	6.1	5.8
BARRERA (BAR FA6 US3)	5.8	5.7	6.1	5.8
BONSAI 2000 (BULLET)	5.8	5.7	6.1	5.8
RED COAT (ATF-038)	5.8	5.7	5.9	5.8
WOLFPACK (PST-R5TK)	5.9	5.6	6.0	5.8
REBEL 2000 (AA-989)	5.8	5.7	6.0	5.8
PIXIE E+	5.8	5.7	5.9	5.8
GENESIS	5.9	5.7	5.8	5.8
MB 214	5.8	5.7	6.0	5.8
OFI-96-31	5.6	5.8	6.0	5.8
BAR FA 6D	5.7	5.7	6.0	5.8
CHAPEL HILL (TA-7)	5.7	5.8	5.8	5.8
BRAVO (RG-93)	5.8	5.7	5.9	5.8
WILDFIRE (ATF-196)	5.7	5.7	6.0	5.8
EMPRESS	5.8	5.7	6.0	5.8

TABLE 21. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN DIFFERENT CLIMATIC ZONES
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION			MEAN
	ZONE	COOL-HUMID	COOL-ARID	
RESERVE (ATF-182)	5.8	5.6	5.9	5.7
MB 215	5.8	5.6	5.9	5.7
AIRLIE (MB 210)	5.8	5.6	6.0	5.7
RENEGADE	5.8	5.6	5.8	5.7
ARID II (J-3)	5.7	5.7	6.0	5.7
APACHE II	5.7	5.7	5.9	5.7
WYATT (ATF-188)	5.7	5.7	5.9	5.7
MB 216	5.8	5.6	5.9	5.7
R5AU	5.9	5.4	6.0	5.7
CORONADO	5.7	5.6	6.2	5.7
BAR FA6 US2U	5.6	5.7	6.1	5.7
BARRINGTON (BAR FA6D USA)	5.7	5.6	6.0	5.7
AZTEC II (TMI-AZ)	5.6	5.7	6.0	5.7
SR 8210	5.6	5.7	6.1	5.7
ANTHEM II (TMI-FMN)	5.6	5.7	6.1	5.7
TULSA	5.8	5.5	6.0	5.7
ZANZIBAR (ZPS-5LZ)	5.7	5.5	6.1	5.7
SHENANDOAH	5.8	5.6	5.6	5.7
DUSTER	5.6	5.6	6.0	5.7
SR 8500 (SRX 8500)	5.6	5.7	6.0	5.7
ISI-TF11	5.7	5.6	5.8	5.7
SAFARI	5.8	5.6	5.6	5.7
SUNPRO	5.6	5.6	6.1	5.7
ATF-257	5.8	5.5	5.8	5.7
TRACER (BAR FA6 US1)	5.6	5.6	6.0	5.7
REGIMENT	5.7	5.6	5.7	5.7
ISI-TF9	5.7	5.6	5.8	5.7
PICK FA 20-92	5.5	5.7	6.0	5.7
PICK FA XK-95	5.6	5.6	5.9	5.7
OFL-951	5.6	5.6	6.1	5.6
BULLDAWG (PICK GA-96)	5.6	5.6	5.8	5.6
ALAMO E	5.6	5.5	5.9	5.6
BANDANA (PST-R5AE)	5.7	5.4	6.0	5.6
PST-5TO	5.7	5.4	5.9	5.6
TWILIGHT II (TMI-TW)	5.7	5.5	6.0	5.6
TF 66 (BAR FA6 US6F)	5.7	5.4	6.0	5.6
FALCON II	5.7	5.5	5.7	5.6
VELOCITY (AA-983)	5.7	5.5	5.8	5.6
ARABIA (J-5)	5.5	5.5	6.1	5.6
CORONADO GOLD (PST-5RT)	5.6	5.5	5.8	5.6
WX3-275	5.5	5.6	5.7	5.6
PICK FA 15-92	5.5	5.6	5.9	5.6
LION	5.6	5.4	5.9	5.6
ISI-TF10	5.6	5.5	5.9	5.6
COCHISE II	5.6	5.5	5.8	5.6

TABLE 21. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN IN DIFFERENT CLIMATIC ZONES
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION			MEAN
	ZONE	COOL-HUMID	COOL-ARID	
PRO 8430	5.6	5.5	5.8	5.6
OFI-FWY	5.6	5.4	5.9	5.6
TOMAHAWK-E	5.5	5.5	5.9	5.6
ATF-253	5.7	5.4	5.7	5.6
FINELAWN PETITE	5.5	5.5	5.8	5.6
ARIZONA (PICK FA 6-91)	5.6	5.4	6.0	5.5
MARKSMAN	5.6	5.5	5.7	5.5
ATF-022	5.6	5.4	5.6	5.5
EA 41	5.5	5.4	5.8	5.5
SHORTSTOP II	5.3	5.6	5.9	5.5
OFI-96-32	5.6	5.4	5.6	5.5
GLEN EAGLE (EC-101)	5.5	5.4	5.7	5.5
ATF-020	5.6	5.3	5.7	5.5
TITAN 2	5.6	5.5	5.3	5.5
PSII-TF-9	5.6	5.4	5.6	5.5
PICK FA N-93	5.4	5.4	6.0	5.5
LEPRECHAUN	5.5	5.4	5.8	5.5
PEDESTAL (PC-AO)	5.5	5.3	5.6	5.5
GOOD-EN (KOOS 96-14)	5.5	5.4	5.5	5.5
WVPB-1B	5.6	5.3	5.5	5.4
SRX 8084	5.5	5.3	5.7	5.4
WPEZE (WVPB-1C)	5.5	5.4	5.4	5.4
COMSTOCK (SSDE31)	5.6	5.2	5.5	5.4
HELIX (WVPB-1D)	5.5	5.3	5.5	5.4
KITTY HAWK S.S.T. (SS45DW)	5.4	5.4	5.6	5.4
EQUINOX (TMI-N91)	5.4	5.3	5.8	5.4
DP 50-9011	5.4	5.3	5.7	5.4
PSII-TF-10	5.4	5.3	5.6	5.4
AXIOM (ATF-192)	5.4	5.2	5.6	5.4
BONSAI	5.3	5.2	5.6	5.3
JSC-1	5.2	5.2	5.5	5.3
PICK FA UT-93	5.1	5.2	5.8	5.3
JTTFC-96	5.4	5.0	5.3	5.2
JTTFA-96	5.2	5.1	5.3	5.2
DLF-1	5.2	4.8	5.1	5.0
ARID	5.1	4.8	5.0	5.0
DP 7952	4.9	4.8	4.8	4.9
AV-1	4.9	4.6	4.9	4.8
KENTUCKY-31 W/ENDO.	4.1	3.8	3.6	3.9
LSD VALUE	0.2	0.2	0.2	0.1
C.V. (%)	14.3	13.3	8.1	13.1

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

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

TABLE 22.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THIRTEEN LOCATIONS IN THE TRANSITION ZONE 1/
1997-2000 DATA

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

NAME	AR1	DE1	GA1	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	MEAN
REMBRANDT (LTP-4026 E+)	6.6	4.4	6.6	7.5	6.7	8.3	6.0	5.5	6.6	6.7	6.2	5.5	5.8	6.3
PLANTATION (PENNINGTON-1901)	6.4	4.0	6.8	6.6	6.6	8.1	5.9	5.6	6.7	6.6	5.7	5.5	5.7	6.2
SHENANDOAH II (WRS2)	6.4	4.9	6.2	7.2	6.4	7.8	5.8	5.4	6.7	6.6	5.3	5.5	5.9	6.1
MILLENNIUM (TMI-RBR)	6.2	4.4	6.4	7.3	6.7	8.1	5.8	5.3	6.2	6.6	5.6	5.2	5.8	6.1
DYNASTY (PICK RT-95)	6.4	4.6	6.6	7.5	6.3	8.0	5.4	5.3	6.7	6.4	5.2	5.3	6.0	6.1
MASTERPIECE (LTP-SD-TF)	6.2	3.8	6.9	6.9	6.7	8.1	5.8	5.1	6.5	6.4	5.4	5.2	5.9	6.1
SCORPIO (ZPS-2PTF)	6.3	3.8	6.3	7.4	6.5	7.9	5.8	5.4	6.4	6.4	5.2	5.0	5.8	6.0
JAGUAR 3	6.5	4.0	6.7	7.1	6.5	7.9	5.5	4.9	6.3	6.4	5.2	5.2	5.8	6.0
OLYMPIC GOLD (PST-5E5)	6.2	4.5	6.6	6.3	6.6	7.9	5.7	5.1	6.4	6.4	5.2	5.2	5.7	6.0
DOMINION (PST-5M5)	5.9	4.0	6.1	6.9	6.6	7.7	5.7	5.2	6.6	6.5	5.1	5.3	5.9	6.0
MB 29	6.5	4.0	6.0	6.0	6.4	8.1	5.4	5.3	6.6	6.6	5.8	5.1	5.7	6.0
FALCON III (MB 212)	6.1	4.1	6.2	7.1	6.4	8.1	5.0	5.1	6.1	6.4	5.5	5.2	5.8	5.9
REBEL SENIRY (AA-A91)	5.7	4.0	6.2	6.7	6.4	7.7	6.0	5.3	6.5	6.5	5.5	5.1	5.7	5.9
MUSTANG II	6.1	4.6	6.3	7.1	6.6	7.3	5.4	4.9	5.9	6.4	5.9	4.8	5.8	5.9
COYOTE	6.0	4.0	6.0	6.6	6.2	7.8	5.7	5.4	6.5	6.4	5.2	5.4	5.8	5.9
CROSSFIRE II	6.0	4.3	6.4	6.8	6.4	7.6	5.2	5.4	6.3	6.5	5.2	5.2	5.7	5.9
DURANA (MB 211)	6.2	4.3	5.8	6.7	6.4	7.9	5.1	5.3	6.4	6.6	5.5	5.0	5.6	5.9
TAR HEEL	6.0	4.0	6.2	6.4	6.4	7.8	5.5	5.2	6.3	6.3	5.5	5.4	5.7	5.9
CU9502T	5.6	4.4	5.8	6.2	6.4	7.9	6.1	5.2	6.0	6.4	5.5	5.5	5.8	5.9
ARID 3 (J-98)	6.1	4.3	5.9	6.3	6.5	7.7	5.9	4.8	6.6	6.4	5.6	4.8	5.7	5.9
R5AU	6.0	4.1	6.4	6.9	6.4	7.3	5.5	5.3	6.1	6.4	5.6	5.0	5.5	5.9
WATCHDOG (PICK FA B-93)	6.3	4.2	5.9	6.5	6.3	7.8	5.7	5.0	6.0	6.5	5.5	5.0	5.9	5.9
ONCUE (PST-523)	6.1	4.3	6.3	6.6	6.3	7.5	5.7	5.1	5.9	6.4	5.3	5.1	5.8	5.9
WOLFPACK (PST-R5TK)	5.5	3.8	6.8	6.5	6.4	7.5	5.8	5.0	6.1	6.6	5.2	5.3	5.7	5.9
CU9501T	5.4	4.1	6.0	6.4	6.4	7.7	6.0	4.9	6.0	6.4	6.0	5.2	5.6	5.9
GENESIS	5.7	4.1	6.0	6.3	6.4	7.6	5.7	5.0	5.8	6.5	5.4	5.7	5.6	5.9
MB 215	5.9	4.6	5.9	6.0	6.4	7.3	5.4	5.2	6.4	6.5	5.6	5.3	5.6	5.8
PIXIE E+	5.4	4.3	5.9	6.6	6.3	7.1	5.9	5.1	6.1	6.3	6.0	5.4	5.7	5.8
MB 213	6.2	4.7	5.7	6.2	6.6	7.8	4.8	5.1	6.5	6.5	5.5	4.9	5.5	5.8
SOUTHERN CHOICE	5.9	4.3	6.1	6.6	6.6	7.2	5.8	5.1	5.8	6.3	5.2	5.3	5.6	5.8
RESERVE (ATF-182)	6.0	3.6	6.5	6.9	6.3	7.3	5.7	4.8	5.6	6.4	5.5	5.5	5.7	5.8
RED COAT (ATF-038)	6.4	4.7	5.8	6.4	6.2	7.4	5.4	4.8	5.9	6.4	5.5	5.4	5.6	5.8
MB 28	5.8	4.0	6.0	6.2	6.5	7.4	5.5	5.2	6.3	6.6	5.6	5.0	5.6	5.8
RENEGADE	5.5	4.6	5.9	6.3	6.3	7.3	5.9	5.1	5.8	6.5	5.2	5.5	5.6	5.8
OPI-931	5.8	4.0	6.0	6.2	6.4	7.7	5.5	5.0	6.3	6.5	5.4	5.1	5.7	5.8
SHENANDOAH	5.9	4.9	6.0	6.3	6.3	7.2	5.8	4.9	5.6	6.2	5.4	5.4	5.6	5.8
MB 214	5.9	4.4	5.6	5.9	6.4	7.6	5.6	4.9	6.2	6.5	5.5	5.2	5.6	5.8
MB 26	6.1	4.3	5.1	6.2	6.2	7.7	5.2	5.1	6.4	6.6	5.7	4.9	5.6	5.8
GAZELLE	5.6	3.9	5.7	6.8	6.3	7.8	5.4	5.0	6.4	6.3	5.2	5.0	5.8	5.8
AIRLIE (MB 210)	5.4	4.0	5.7	6.4	6.7	7.5	5.7	5.2	5.8	6.5	5.7	4.9	5.7	5.8
REBEL 2000 (AA-989)	6.2	3.9	6.1	5.7	6.3	7.3	5.4	4.8	6.3	6.3	5.8	5.3	5.7	5.8
BRAVO (RG-93)	5.4	4.4	6.2	6.4	6.5	7.5	5.4	5.0	6.0	6.2	5.2	5.2	5.7	5.8
ATF-257	6.1	4.1	6.1	6.7	6.3	7.4	5.5	4.8	5.7	6.3	5.4	5.0	5.6	5.8
BARLEXAS II (BAR FA 6LV)	5.8	4.6	6.2	6.0	6.4	7.8	5.2	5.0	5.9	6.4	5.3	4.8	5.6	5.8

TABLE 22.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THIRTEEN LOCATIONS IN THE TRANSITION ZONE
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													MEAN
	AR1	DE1	GA1	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	
MB 216	5.9	4.0	5.9	5.5	6.3	7.4	5.4	5.2	6.7	6.4	5.8	4.9	5.6	5.8
SAFARI	5.6	4.6	6.0	6.2	6.4	7.1	5.8	5.1	5.6	6.3	5.2	5.3	5.7	5.8
BONSAI 2000 (BULLET)	5.1	4.5	5.9	6.8	6.5	7.5	5.5	4.8	5.8	6.3	5.5	5.0	5.6	5.8
EMPRESS	5.6	4.3	6.0	5.9	6.4	7.5	5.7	5.1	6.4	6.2	5.2	4.9	5.6	5.8
TULSA	5.6	4.0	6.1	6.7	6.3	7.2	5.4	5.0	5.9	6.4	5.5	5.0	5.7	5.8
BARRERA (BAR FA6 US3)	5.7	4.3	5.4	6.0	6.3	7.9	5.2	5.1	6.4	6.7	5.3	4.7	5.7	5.8
CHAPEL HILL (TA-7)	5.4	3.8	6.0	6.1	6.3	7.8	5.5	5.2	5.8	6.4	5.3	5.3	5.6	5.7
BRANDY (J-101)	5.7	3.9	5.7	6.5	6.3	7.5	5.1	5.0	6.4	6.3	5.6	5.0	5.8	5.7
BARRINGTON (BAR FA6D USA)	5.0	4.1	6.1	5.9	6.4	7.9	5.4	4.9	6.3	6.6	5.4	5.0	5.7	5.7
ZANZIBAR (ZPS-5LZ)	6.2	4.5	5.4	6.0	6.2	7.7	5.2	4.8	6.5	6.4	5.2	4.9	5.6	5.7
BAR FA 6D	5.7	4.0	5.8	5.8	6.6	7.6	5.6	5.3	5.8	6.4	5.4	4.9	5.6	5.7
APACHE II	6.0	4.3	6.0	5.7	6.3	7.6	5.5	4.9	5.8	6.2	5.4	5.1	5.7	5.7
ISI-TF11	5.7	3.8	5.9	6.3	6.3	7.4	5.7	5.1	6.0	6.3	5.2	5.2	5.6	5.7
PST-5TO	5.8	3.8	6.2	5.8	6.4	7.5	5.4	5.3	6.3	6.3	5.1	4.8	5.7	5.7
WILDFIRE (ATF-196)	5.9	3.7	5.8	7.0	6.1	6.9	5.4	5.1	6.1	6.3	5.5	4.9	5.6	5.7
REGIMENT	5.5	4.6	5.6	6.3	6.1	6.9	5.6	5.1	5.8	6.3	5.6	5.3	5.6	5.7
TF 66 (BAR FA6 US6F)	5.7	4.4	5.6	5.5	6.3	7.4	5.4	5.2	6.1	6.5	5.2	5.0	5.7	5.7
VELOCITY (AA-983)	5.8	4.1	5.9	6.0	6.3	7.2	5.1	4.9	6.2	6.3	5.5	5.1	5.5	5.7
ATF-253	5.4	4.3	6.0	6.8	6.4	7.1	5.2	4.9	5.8	6.3	5.4	5.0	5.5	5.7
BANDANA (PST-R5AE)	5.3	3.9	5.8	6.4	6.4	7.2	5.6	5.0	6.0	6.5	5.2	4.9	5.7	5.7
ISI-TF9	5.6	4.0	5.7	6.4	6.3	7.6	5.3	4.9	5.8	6.4	5.2	5.0	5.6	5.7
WYATT (ATF-188)	5.2	4.6	5.9	6.2	6.2	7.3	5.5	4.8	5.8	6.2	5.4	5.0	5.7	5.7
CORONADO	5.5	3.9	6.2	6.0	6.3	7.4	4.7	5.3	6.2	6.2	5.4	5.0	5.6	5.7
ARID II (J-3)	5.2	5.2	5.6	6.2	6.3	7.3	5.1	4.7	6.1	6.2	5.5	4.8	5.6	5.7
FALCON II	5.2	3.9	6.0	5.6	6.6	7.2	6.0	5.0	5.7	6.3	5.2	5.4	5.6	5.7
TWILIGHT II (TMI-TW)	5.2	4.1	5.9	6.1	6.4	7.0	5.3	5.0	6.1	6.3	5.3	5.0	5.6	5.7
OFI-96-31	5.5	4.3	5.6	5.6	6.4	7.2	5.0	5.1	6.1	6.5	5.3	5.1	5.7	5.6
ALAMO E	5.9	3.8	5.9	6.1	6.2	7.1	5.4	5.0	5.8	6.3	5.6	4.9	5.6	5.6
BAR FA6 US2U	5.9	4.0	5.4	5.5	6.3	7.7	5.2	5.0	6.0	6.6	5.3	4.8	5.6	5.6
DUSTER	5.4	3.9	5.5	6.2	6.3	7.2	5.7	5.0	5.9	6.3	5.1	5.0	5.6	5.6
TRACER (BAR FA6 US1)	5.9	4.4	5.5	5.5	6.3	7.9	5.1	5.0	6.1	6.4	5.3	4.5	5.5	5.6
SR 8210	5.8	4.2	5.6	5.7	6.3	7.4	5.0	4.9	6.3	6.3	5.1	4.9	5.7	5.6
ANTHEM II (TMI-FMN)	5.3	3.8	5.8	6.4	6.4	7.4	4.9	4.9	5.8	6.3	5.5	4.9	5.7	5.6
CORONADO GOLD (PST-5RT)	5.9	4.1	6.6	5.3	6.3	7.3	4.6	5.1	5.9	6.3	5.2	4.8	5.8	5.6
LION	5.9	3.8	5.1	6.2	6.3	7.0	5.3	5.0	6.0	6.5	5.3	4.8	5.7	5.6
OFI-FWY	6.0	3.8	5.5	5.4	6.3	7.4	5.3	5.1	5.8	6.5	5.3	5.0	5.6	5.6
OFI-96-32	5.4	4.2	5.9	6.1	6.4	7.0	5.1	5.0	5.5	6.3	5.4	5.2	5.5	5.6
ATF-022	5.9	3.8	5.8	6.7	6.3	7.0	5.1	4.7	5.5	6.3	5.5	5.2	5.2	5.6
AZTEC II (TMI-AZ)	4.9	4.2	5.8	6.1	6.4	7.3	4.6	5.1	5.9	6.4	5.3	4.9	5.7	5.6
SUNPRO	6.2	5.0	5.4	5.1	6.0	7.4	5.2	4.9	5.8	6.3	5.2	4.8	5.5	5.6
BULLDAWG (PICK GA-96)	5.8	3.9	5.7	5.4	6.1	7.5	5.4	4.8	5.9	6.3	5.2	5.0	5.7	5.6
ATF-020	5.7	3.9	5.5	6.5	6.3	7.3	5.3	4.5	5.8	6.2	5.4	4.9	5.5	5.6
TITAN 2	5.3	4.4	5.9	6.0	6.4	6.7	5.9	4.9	5.1	6.1	5.5	5.2	5.3	5.6
OFI-951	5.7	3.8	5.5	5.4	6.2	7.4	5.2	4.9	6.4	6.4	5.3	4.6	5.7	5.6
PRO 8430	5.3	4.0	5.9	6.6	6.3	6.9	5.1	4.9	5.4	6.2	5.2	5.1	5.6	5.6

TABLE 22. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THIRTEEN LOCATIONS IN THE TRANSITION ZONE
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													MEAN
	AR1	DE1	GA1	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	
PICK FA XK-95	6.1	4.0	5.5	5.4	6.3	7.3	4.4	5.1	6.1	6.3	5.2	5.2	5.5	5.6
ISI-TF10	5.9	4.1	5.6	5.3	6.3	7.3	4.8	5.1	5.8	6.5	5.1	5.1	5.5	5.6
COMSTOCK (SSDE31)	5.4	4.5	5.6	5.4	6.3	7.1	5.2	4.9	5.6	6.2	5.4	5.4	5.4	5.6
SR 8500 (SRX 8500)	5.7	3.8	5.2	5.7	6.2	7.6	5.1	5.2	5.7	6.3	5.2	5.0	5.7	5.6
COCHISE II	6.0	4.2	5.7	5.9	6.1	6.8	5.2	4.9	5.7	6.3	5.1	4.8	5.5	5.6
MARKSMAN	5.7	4.2	5.8	5.8	6.3	6.9	4.7	4.9	5.4	6.3	5.6	5.1	5.6	5.6
PSII-TF-9	5.3	4.1	5.7	5.9	6.1	7.0	5.6	4.9	5.5	6.2	5.3	5.2	5.4	5.6
ARIZONA (PICK FA 6-91)	5.6	4.0	5.4	5.8	6.3	7.0	5.2	5.0	6.1	6.3	5.6	4.4	5.4	5.6
WVPB-1B	5.3	4.2	5.8	5.8	6.3	7.0	5.2	5.0	5.6	6.2	5.2	5.2	5.4	5.6
FINELAWN PETITE	5.0	3.7	6.0	5.6	6.3	7.2	5.4	4.8	5.7	6.5	5.2	5.2	5.6	5.5
EA 41	5.8	4.3	4.9	5.2	6.0	7.2	5.3	5.3	6.3	6.3	5.1	4.8	5.6	5.5
PEDESTAL (PC-AO)	5.0	3.7	5.6	5.7	6.3	7.7	5.1	4.8	5.8	6.2	5.4	5.2	5.6	5.5
WX3-275	5.4	3.9	6.2	5.9	6.2	7.4	4.6	4.9	5.7	6.1	5.2	4.9	5.6	5.5
GLEN EAGLE (EC-101)	5.1	3.9	5.7	5.6	6.4	7.4	4.9	4.9	5.8	6.3	5.3	5.1	5.5	5.5
ARABIA (J-5)	5.6	4.5	5.2	5.7	6.0	7.4	4.7	4.7	6.0	6.3	5.5	4.7	5.6	5.5
HELIX (WVPB-1D)	5.5	4.2	6.0	5.2	6.2	7.0	4.9	4.9	5.5	6.3	5.2	5.2	5.5	5.5
TOMAHAWK-E	5.0	4.0	5.6	5.6	6.3	7.1	5.3	4.8	6.1	6.1	5.2	5.1	5.5	5.5
SRX 8084	5.0	4.9	5.7	5.7	6.1	7.1	5.0	4.8	5.5	6.1	5.1	4.9	5.6	5.5
LEPRECHAUN	5.2	3.9	6.1	5.2	6.1	6.9	5.5	4.9	5.5	6.1	5.4	5.2	5.5	5.5
WPEZE (WVPB-1C)	5.0	4.0	5.8	5.4	6.2	7.1	5.5	4.8	5.5	6.2	5.2	5.4	5.5	5.5
PICK FA 20-92	5.2	3.6	5.4	5.7	6.1	7.2	5.3	5.1	6.1	6.4	5.2	4.6	5.4	5.5
GOOD-EN (KOOS 96-14)	5.2	3.7	5.4	5.5	6.3	6.9	5.4	4.9	5.5	6.1	5.6	5.3	5.5	5.5
PICK FA 15-92	5.6	4.5	5.4	5.8	6.1	7.0	4.3	4.7	6.1	6.1	5.6	4.5	5.4	5.5
AXIOM (ATF-192)	5.1	3.9	5.7	5.6	6.2	6.4	5.3	4.8	5.4	6.2	5.5	5.1	5.5	5.4
PICK FA N-93	5.0	3.6	4.8	5.7	6.0	7.3	4.9	5.0	6.9	6.5	5.2	4.4	5.5	5.4
JTTFC-96	5.2	4.0	5.8	5.5	6.2	6.9	5.2	5.0	5.1	6.2	5.1	4.9	5.3	5.4
KITTY HAWK S.S.T. (SS45DW)	4.8	3.9	5.6	5.7	6.3	7.0	4.8	4.6	5.7	6.1	5.4	4.9	5.5	5.4
EQUINOX (TMI-N91)	5.0	4.0	5.9	5.2	6.1	6.7	5.0	4.9	5.3	6.3	5.5	4.8	5.5	5.4
PSII-TF-10	5.0	3.7	5.4	5.6	6.2	7.0	4.9	4.8	5.6	6.2	5.2	4.9	5.5	5.4
DP 50-9011	5.1	4.2	5.4	5.3	6.1	6.9	4.9	4.9	5.5	6.2	5.4	4.8	5.4	5.4
SHORTSTOP II	5.1	3.7	4.7	5.3	6.0	7.0	5.1	4.9	5.9	6.0	5.6	4.6	5.4	5.3
BONSAI	4.8	4.5	4.6	5.5	6.1	6.6	4.6	4.8	5.5	6.1	5.2	4.8	5.4	5.3
JSC-1	4.4	3.9	5.4	4.6	6.3	6.9	4.9	4.6	5.6	6.1	5.2	5.0	5.3	5.2
JTTF-96	4.8	4.3	5.6	4.9	5.4	6.2	5.6	4.5	5.0	6.0	5.1	5.3	5.4	5.2
DLF-1	4.7	3.9	5.5	4.7	6.2	6.3	4.6	4.7	5.1	6.0	5.8	4.8	5.3	5.2
ARID	4.6	3.4	5.7	5.1	5.7	6.1	5.5	4.6	4.7	5.9	5.4	5.1	5.0	5.1
PICK FA UT-93	5.2	3.8	4.6	4.4	5.7	6.9	4.4	4.6	6.0	6.0	5.3	4.1	5.4	5.1
DP 7952	4.2	3.4	4.5	4.4	5.9	5.9	5.2	4.6	4.7	5.7	5.5	4.9	5.1	4.9
AV-1	4.0	3.9	5.1	4.2	5.8	6.0	4.6	4.5	4.7	5.7	5.3	4.8	5.0	4.9
KENTUCKY-31 W/ENDO.	3.4	3.1	5.1	3.3	4.5	4.4	3.9	4.2	3.2	5.0	4.9	4.1	4.2	4.1
LSD VALUE	0.5	1.9	0.5	0.8	0.3	0.3	0.9	0.5	0.4	0.3	0.7	0.9	0.7	0.2
C.V. (%)	10.9	39.6	10.3	17.2	6.5	5.3	19.9	11.9	8.8	6.1	10.9	24.4	14.6	14.3

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

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

TABLE 23.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE COOL-HUMID ZONE 1/
1997-2000 DATA

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

NAME	IA1	IL1	IN1	ME1	MI1	NE1	NJ1	NJ2	NY1	OH1	RI1	MEAN
MILLENNIUM (TMI-RBR)	5.5	6.2	6.7	7.1	5.6	6.3	6.5	5.8	6.4	7.9	5.9	6.4
PLANTATION (PENNINGTON-1901)	5.4	5.9	6.4	6.6	5.9	6.8	6.0	5.8	6.0	7.8	6.1	6.3
REMBRANDT (LTP-4026 E+)	5.3	6.3	6.7	6.7	5.8	6.7	6.0	6.0	4.9	8.0	6.0	6.2
CROSSFIRE II	5.6	6.0	6.5	6.5	5.3	6.7	5.9	5.2	6.0	7.5	5.4	6.1
BRANDY (J-101)	5.2	5.6	6.2	6.3	5.7	6.2	5.5	4.7	5.7	7.7	7.2	6.0
MASTERPIECE (LTP-SD-TF)	5.1	6.1	6.7	6.2	5.3	6.4	5.9	5.3	5.1	7.8	5.5	5.9
ARID 3 (J-98)	4.5	5.6	6.4	6.1	5.1	6.6	5.6	5.0	6.1	7.7	6.6	5.9
WATCHDOG (PICK FA B-93)	5.3	5.8	6.6	7.0	5.5	6.2	5.4	5.4	4.4	7.9	5.8	5.9
DYNASTY (PICK RT-95)	4.7	6.0	6.5	6.7	5.7	6.5	5.6	5.7	4.9	7.9	5.1	5.9
REBEL SENTRY (AA-A91)	5.3	6.1	6.2	6.2	5.3	6.6	5.2	5.3	4.7	8.0	6.3	5.9
COYOTE	5.0	5.9	6.4	7.0	5.4	6.4	5.7	5.5	4.3	8.0	5.6	5.9
SHENANDOAH II (WRS2)	5.0	6.0	6.3	6.3	5.3	6.4	5.5	5.2	5.9	7.9	5.1	5.9
SCORPIO (ZPS-2PTF)	5.1	6.2	6.5	6.2	5.5	6.2	5.8	5.5	5.1	8.0	4.5	5.9
CJ9502T	4.6	5.9	6.4	6.4	5.5	6.6	5.1	4.6	5.6	7.7	5.9	5.8
JAGUAR 3	5.0	5.8	6.5	6.2	5.3	6.5	5.2	5.0	5.6	7.7	5.2	5.8
GAZELLE	5.1	5.7	6.6	6.3	5.0	6.5	5.7	5.6	3.9	8.0	5.5	5.8
MB 26	4.3	5.7	6.2	6.6	5.3	6.4	5.4	5.0	5.9	8.1	5.0	5.8
CFI-96-31	4.8	5.6	6.3	6.2	5.5	6.2	5.1	5.0	5.8	7.6	5.7	5.8
CJ9501T	5.2	5.5	6.2	6.2	5.4	6.7	5.1	5.0	4.9	7.6	6.0	5.8
SOUTHERN CHOICE	4.8	5.8	6.2	6.4	5.9	6.5	4.7	5.0	5.7	7.5	5.2	5.8
MUSTANG II	5.0	5.8	6.3	6.4	5.9	6.1	4.5	4.7	5.6	7.4	5.7	5.8
OLYMPIC GOLD (PST-5E5)	4.7	5.7	6.2	6.5	5.6	6.0	5.1	5.0	5.7	7.6	5.3	5.8
CHAPEL HILL (TA-7)	4.8	5.6	6.1	6.4	5.8	6.2	4.9	4.7	5.3	7.5	6.1	5.8
CNCUE (PST-523)	5.2	6.0	6.3	5.7	5.5	6.3	5.0	5.0	4.9	7.6	5.8	5.8
MB 28	5.0	5.5	6.0	6.2	5.8	6.1	5.2	4.7	6.1	7.4	5.3	5.8
FALCON III (MB 212)	5.1	5.8	6.2	6.7	5.8	6.3	5.3	4.9	3.8	7.7	5.7	5.8
AZTEC II (TMI-AZ)	5.2	5.7	6.3	5.7	5.7	5.9	5.0	4.8	5.6	7.7	5.6	5.7
MB 213	4.8	5.7	6.2	6.4	5.7	6.1	5.5	4.6	5.5	7.8	4.8	5.7
WYATT (ATF-188)	4.6	5.8	6.5	6.1	5.6	6.0	4.9	4.8	5.4	7.7	5.6	5.7
CFI-931	4.6	5.8	6.4	6.4	5.4	6.1	4.7	4.9	5.4	7.5	5.9	5.7
ARID II (J-3)	4.3	5.4	6.0	5.8	5.6	6.3	5.1	4.7	5.7	7.7	6.4	5.7
MB 29	4.7	5.7	6.2	6.4	5.7	6.1	5.1	5.0	5.2	7.6	5.2	5.7
BONSAI 2000 (BULLET)	5.2	6.0	6.3	6.2	5.3	6.1	5.3	5.1	5.0	7.5	5.0	5.7
BARRERA (BAR FA6 US3)	4.4	5.7	6.4	6.1	5.1	6.3	4.9	5.0	5.8	7.8	5.5	5.7
PICK FA 20-92	4.3	5.5	6.3	6.8	4.9	6.1	5.0	5.3	5.5	7.7	5.6	5.7
BARLEXAS II (BAR FA 6LV)	4.3	5.4	6.3	6.9	5.1	6.1	5.3	4.6	5.0	7.9	6.2	5.7
TAR HEEL	5.0	6.0	6.2	6.1	5.4	5.9	5.5	5.1	4.7	7.6	5.4	5.7
WILDFIRE (ATF-196)	4.7	5.3	6.2	5.7	5.0	6.6	5.3	5.2	5.5	7.6	5.8	5.7
SR 8500 (SRX 8500)	4.7	5.7	6.3	6.4	5.2	6.5	4.8	5.0	5.0	7.5	5.8	5.7
DURANA (MB 211)	4.3	5.7	6.1	6.7	5.8	6.2	5.0	4.6	4.8	7.6	5.9	5.7
BAR FA 6D	4.3	5.5	6.5	6.1	5.2	6.2	5.2	4.7	5.3	7.8	5.8	5.7
BRAVO (RG-93)	5.1	5.7	6.3	6.3	5.3	5.5	5.0	4.9	6.1	7.6	5.0	5.7
SR 8210	5.0	5.8	6.5	6.1	5.5	5.8	4.9	4.8	5.1	7.8	5.3	5.7
RED COAT (ATF-038)	4.9	5.2	6.3	5.9	5.5	6.5	4.5	4.6	5.8	7.6	5.7	5.7

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE COOL-HUMID ZONE
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IL1	IN1	ME1	MI1	NE1	NJ1	NJ2	NY1	OH1	RI1	MEAN
REBEL 2000 (AA-989)	4.8	5.3	6.0	6.5	4.9	6.1	4.8	4.3	5.7	7.4	6.4	5.7
APACHE II	4.8	5.9	6.1	6.5	5.1	6.1	4.8	5.0	5.1	7.4	5.4	5.7
BAR FA6 US2U	4.5	5.5	6.3	6.3	5.2	6.1	5.3	4.6	5.6	7.5	5.5	5.7
GENESIS	5.1	5.7	6.2	6.0	5.1	5.7	4.8	4.1	6.0	7.3	6.0	5.7
PIXIE E+	5.6	5.7	6.2	6.1	5.7	6.0	4.0	4.4	5.3	7.5	5.7	5.7
EMPRESS	4.9	6.1	6.4	6.1	5.2	6.4	5.0	4.9	4.1	7.6	5.7	5.7
ANTHEM II (TMI-FMN)	5.1	5.6	5.9	5.8	5.8	6.0	5.2	4.7	5.0	7.4	5.5	5.7
MB 214	4.5	5.8	6.0	6.2	5.2	6.3	4.9	4.2	6.0	8.2	4.9	5.7
DUSTER	5.2	5.7	6.2	5.9	5.1	6.1	4.4	4.4	5.2	7.4	6.3	5.6
PICK FA XK-95	4.5	5.7	6.1	5.6	5.3	6.0	5.3	5.2	5.1	7.7	5.5	5.6
WX3-275	5.0	5.6	6.0	6.1	5.4	5.7	4.8	4.1	6.0	7.5	5.8	5.6
BULLDAWG (PICK GA-96)	4.3	5.6	6.3	6.2	4.9	6.2	5.0	4.8	6.0	7.4	5.2	5.6
RENEGADE	5.4	5.7	6.0	6.2	5.4	5.9	4.1	4.5	6.0	7.5	5.3	5.6
SUNPRO	4.5	5.7	6.3	6.4	5.1	6.4	5.4	4.8	4.8	7.7	4.9	5.6
CORONADO	5.1	5.7	6.1	6.3	4.9	6.1	5.8	5.0	4.1	7.7	5.0	5.6
MB 216	5.2	5.5	5.9	6.4	5.9	6.1	4.9	4.3	4.9	7.6	5.2	5.6
SHENANDOAH	5.6	5.8	6.1	5.7	5.9	5.9	4.2	4.2	5.9	7.2	5.1	5.6
SAFARI	5.3	6.2	6.0	6.1	6.0	5.7	4.0	4.2	5.6	7.5	5.0	5.6
WOLFPACK (PST-R5TK)	5.5	6.0	6.3	5.7	5.5	6.0	5.0	5.1	3.9	7.4	5.1	5.6
AIRLIE (MB 210)	4.5	5.6	6.1	6.6	5.5	6.1	4.8	4.6	5.4	7.6	4.9	5.6
RESERVE (ATF-182)	4.1	5.7	6.2	6.3	5.5	5.9	4.5	4.6	5.8	7.5	5.5	5.6
SHORTSTOP II	4.6	5.4	6.0	5.2	4.8	6.3	5.0	4.5	5.8	7.4	6.4	5.6
REGIMENT	5.3	5.7	6.2	5.9	5.5	5.8	4.7	4.6	5.1	7.4	5.2	5.6
ISI-TF11	5.7	5.9	6.0	5.7	5.6	5.8	4.5	4.6	5.1	7.4	5.1	5.6
PICK FA 15-92	4.3	5.5	6.1	5.5	5.3	6.0	5.3	4.4	4.9	7.3	6.7	5.6
TRACER (BAR FA6 US1)	4.1	5.2	6.4	6.0	4.9	6.4	5.2	4.7	5.8	7.9	4.8	5.6
OFI-951	4.4	5.6	6.2	5.6	5.3	6.2	4.8	4.7	5.3	7.6	5.5	5.6
ISI-TF9	4.8	5.8	6.0	6.0	5.8	6.0	4.7	4.4	4.9	7.6	5.3	5.6
BARRINGTON (BAR FA6D USA)	4.4	5.6	6.4	6.4	5.4	6.1	5.5	4.6	4.0	7.8	5.2	5.6
DOMINION (PST-5M5)	5.0	5.7	6.3	6.5	5.8	6.5	4.7	5.0	3.3	7.6	4.8	5.6
MB 215	4.7	5.5	6.0	6.5	5.7	6.3	5.0	4.1	4.4	7.9	5.2	5.6
TULSA	5.0	5.8	6.3	5.9	5.6	5.9	4.5	4.9	3.8	7.7	5.7	5.5
ALAMO E	5.0	5.8	6.0	5.2	5.7	5.8	5.0	4.9	4.5	7.6	5.4	5.5
ZANZIBAR (ZPS-5LZ)	4.9	5.6	6.1	6.0	5.0	6.1	5.2	4.8	4.6	7.7	4.8	5.5
ATF-257	4.8	5.9	6.0	6.1	5.3	6.2	4.2	4.9	4.8	7.3	5.1	5.5
FALCON II	4.9	5.8	6.1	5.9	5.6	6.3	4.3	4.2	5.0	7.3	5.2	5.5
TOMAHAWK-E	4.2	5.9	6.0	6.5	5.1	6.3	4.7	3.9	4.5	7.4	6.1	5.5
COCHISE II	4.4	5.6	6.1	5.9	5.3	5.7	4.3	4.3	5.9	7.6	5.2	5.5
FINELAWN PETITE	5.0	5.4	6.0	5.9	5.2	5.4	4.7	4.2	4.9	7.6	5.8	5.5
ARABIA (J-5)	4.1	5.2	6.2	5.8	5.2	5.5	5.1	4.6	5.3	7.6	5.7	5.5
CORONADO GOLD (PST-5RT)	4.8	5.9	6.1	5.9	5.7	5.4	5.1	4.8	4.0	7.5	5.1	5.5
TITAN 2	5.8	5.9	5.8	5.6	5.6	5.7	3.9	3.9	5.9	7.1	5.0	5.5
MARKSMAN	5.2	5.7	5.8	6.5	5.7	6.2	4.1	4.2	4.5	7.4	4.8	5.5
ISI-TF10	4.3	5.3	6.0	6.1	5.6	5.5	4.7	4.4	5.3	7.3	5.4	5.5
TWILIGHT II (TMI-TW)	4.9	5.3	5.8	5.5	5.4	5.4	5.0	4.6	5.0	7.3	5.9	5.5

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE COOL-HUMID ZONE
1997-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	IA1	IL1	IN1	ME1	MI1	NE1	NJ1	NJ2	NY1	OH1	RI1	
PRO 8430	5.1	5.9	6.1	5.9	5.2	6.1	4.0	4.3	5.1	7.6	4.8	5.5
VELOCITY (AA-983)	3.8	5.2	6.1	6.5	5.2	6.5	4.0	4.2	4.6	7.5	6.4	5.5
ATF-022	4.6	5.3	5.8	6.2	5.1	6.1	4.0	4.3	5.4	7.4	5.7	5.4
BANDANA (PST-R5AE)	4.9	5.7	6.1	5.4	5.5	5.6	4.4	4.5	4.8	7.6	5.2	5.4
LION	4.8	5.7	5.8	5.9	5.5	5.7	4.5	4.5	3.7	7.7	6.1	5.4
R5AU	4.7	5.8	6.2	6.6	5.2	5.5	4.6	4.7	3.2	7.4	5.8	5.4
GOOD-EN (KOOS 96-14)	4.4	5.5	5.6	6.1	5.5	5.5	4.7	4.6	5.4	7.4	4.9	5.4
GLEN EAGLE (EC-101)	4.7	5.5	6.1	5.8	5.7	5.7	4.2	4.4	4.4	7.5	5.7	5.4
PST-5TO	4.1	5.7	6.1	5.6	5.3	5.6	5.1	4.9	4.3	7.5	5.3	5.4
PSII-TF-9	4.8	5.5	5.9	5.6	5.6	5.4	4.0	4.4	5.8	7.2	5.3	5.4
PICK FA N-93	3.8	5.2	6.3	6.1	4.7	5.8	5.4	5.0	4.5	7.8	5.0	5.4
OFI-FWY	4.8	5.5	6.3	5.8	5.0	6.1	4.7	4.5	5.2	7.5	4.1	5.4
ARIZONA (PICK FA 6-91)	4.1	5.4	6.2	6.2	5.1	6.1	4.5	4.4	3.2	7.6	6.6	5.4
TF 66 (BAR FA6 US6F)	4.8	5.6	6.1	6.0	5.1	5.8	4.5	4.7	3.1	7.7	5.9	5.4
EA 41	4.7	5.5	6.0	5.9	5.4	5.3	4.8	4.3	3.9	7.7	5.6	5.4
OFI-96-32	4.7	5.7	5.8	5.7	5.4	5.6	4.2	4.4	4.9	7.5	5.4	5.4
KITTY HAWK S.S.T. (SS45DW)	4.7	5.7	5.9	5.6	5.5	5.4	3.9	4.3	5.2	7.4	5.4	5.4
WPEZE (WVPB-1C)	5.0	5.5	5.8	5.6	5.4	5.1	3.9	4.5	5.7	7.2	5.5	5.4
LEPRECHAUN	4.9	5.7	6.0	6.3	5.1	5.6	4.1	4.1	5.6	7.3	4.3	5.4
ATF-253	5.1	5.6	5.9	6.1	5.1	5.7	4.7	4.7	3.4	7.3	5.3	5.4
ATF-020	4.3	5.2	5.8	6.1	5.1	5.9	4.2	4.4	4.7	7.4	5.5	5.3
PSII-TF-10	4.6	5.4	5.7	5.5	5.3	6.0	4.1	4.2	5.1	7.3	5.2	5.3
PEDESTAL (PC-AO)	4.7	5.3	6.0	5.4	5.6	6.1	4.0	4.1	5.0	7.4	4.8	5.3
HELIX (WVPB-1D)	4.9	5.6	5.7	5.3	5.5	5.7	4.3	4.4	5.0	7.2	4.6	5.3
EQUINOX (TMI-N91)	4.5	5.7	5.7	5.8	5.6	5.2	4.1	4.3	4.4	7.3	5.7	5.3
WVPB-1B	4.5	5.4	6.0	5.8	5.1	5.5	4.3	4.2	4.6	7.3	5.2	5.3
DP 50-9011	4.2	5.1	6.2	5.8	5.3	5.7	3.6	3.7	5.5	7.6	5.2	5.3
SRX 8084	4.9	5.7	5.8	5.8	5.6	5.9	3.8	4.2	4.1	7.3	4.6	5.3
PICK FA UT-93	3.7	4.7	6.0	6.0	4.1	5.7	4.5	4.3	5.0	7.5	5.9	5.2
COMSTOCK (SSDE31)	4.4	5.6	5.9	6.0	5.6	5.4	4.2	4.1	3.6	7.2	5.7	5.2
JSC-1	4.7	5.3	5.7	5.4	5.2	5.7	3.8	3.7	4.8	7.3	5.7	5.2
BONSAI	4.4	5.5	5.9	5.2	5.7	5.8	3.6	4.0	4.9	7.2	4.9	5.2
AXIOM (ATF-192)	4.9	5.4	5.6	6.0	5.0	5.0	3.8	4.1	4.6	6.9	5.5	5.2
JTTFA-96	4.7	5.3	5.9	5.3	5.7	4.8	3.3	4.0	5.0	7.1	4.6	5.1
JTTFC-96	4.8	5.3	5.9	5.4	5.6	5.3	3.4	3.7	4.5	7.0	4.6	5.0
ARID	5.6	5.0	5.5	4.7	5.9	5.3	2.8	2.6	4.4	6.7	4.4	4.8
DLF-1	4.8	5.1	5.5	5.0	5.4	5.3	2.9	3.1	3.2	7.1	5.4	4.8
DP 7952	5.0	4.9	5.5	5.1	5.3	4.7	2.5	2.9	5.6	6.9	4.1	4.8
AV-1	4.7	5.1	5.1	5.0	5.4	4.9	2.3	2.8	3.5	6.7	5.7	4.6
KENTUCKY-31 W/ENDO.	5.3	4.2	3.3	3.5	5.8	2.9	1.5	1.1	4.5	5.5	4.1	3.8
LSD VALUE	0.8	0.4	0.3	0.6	0.7	0.4	0.5	0.4	2.0	0.3	0.5	0.2
C.V. (%)	21.2	9.2	6.3	13.1	14.4	9.1	14.5	11.1	35.5	5.0	5.9	13.3

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

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

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS IN THE COOL-ARID ZONE 1/
1997-2000 DATA

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

NAME	CA1	CA3	UT1	WA1	MEAN
SCORPIO (ZPS-2PTF)	6.9	6.3	6.0	6.2	6.3
PLANTATION (PENNINGTON-1901)	7.1	6.2	6.0	6.1	6.3
REMBRANDT (LTP-4026 E+)	6.9	6.2	5.8	6.0	6.2
DYNASTY (PICK RT-95)	6.9	6.3	5.7	5.9	6.2
MILLENNIUM (TMI-RBR)	7.0	6.3	5.5	6.0	6.2
CORONADO	6.8	6.0	6.0	5.8	6.2
BAR FA6 US2U	6.5	6.0	6.0	6.1	6.1
SHENANDOAH II (WRS2)	7.0	6.1	5.5	6.0	6.1
ANTHEM II (TMI-FMN)	6.9	5.9	6.0	5.8	6.1
ARABIA (J-5)	6.7	6.1	5.7	6.1	6.1
BARLEXAS II (BAR FA 6LV)	6.8	6.2	5.7	5.8	6.1
ZANZIBAR (ZPS-5LZ)	6.8	6.1	5.8	5.7	6.1
SUNPRO	6.6	6.0	5.7	6.0	6.1
WATCHDOG (PICK FA B-93)	6.6	6.0	5.8	5.9	6.1
COYOTE	6.8	5.9	5.7	6.1	6.1
OLYMPIC GOLD (PST-5E5)	6.8	6.2	5.4	6.0	6.1
BARREIRA (BAR FA6 US3)	6.7	5.9	5.6	6.2	6.1
TAR HEEL	6.8	6.2	5.6	5.7	6.1
MASTERPIECE (LTP-SD-TF)	7.0	5.9	5.4	6.0	6.1
SR 8210	6.7	6.1	5.7	5.8	6.1
OFI-951	6.7	5.9	5.6	6.0	6.1
CROSSFIRE II	7.0	6.1	5.2	5.9	6.1
BONSAI 2000 (BULLET)	7.0	6.1	5.6	5.6	6.1
GAZELLE	6.9	6.0	5.5	5.8	6.0
WILDFIRE (ATF-196)	6.8	6.1	5.4	5.9	6.0
PICK FA 20-92	6.8	6.0	5.3	6.1	6.0
R5AU	6.8	6.0	5.8	5.6	6.0
TRACER (BAR FA6 US1)	6.7	5.9	5.5	6.1	6.0
SOUTHERN CHOICE	6.7	6.0	5.6	5.8	6.0
REBEL 2000 (AA-989)	6.5	5.7	5.6	6.3	6.0
BAR FA 6D	6.7	6.0	5.6	5.9	6.0
OFI-96-31	6.6	5.9	5.7	6.0	6.0
CU9501T	6.8	6.0	5.4	5.9	6.0
BARRINGTON (BAR FA6D USA)	6.7	5.9	5.6	5.9	6.0
JAGUAR 3	7.0	6.1	5.3	5.7	6.0
WOLFPACK (PST-R5TK)	6.7	6.3	5.4	5.7	6.0
MB 29	6.6	5.8	5.3	6.4	6.0
MB 26	6.9	6.0	5.0	6.1	6.0
REBEL SENTRY (AA-A91)	6.8	5.8	5.5	5.9	6.0
ARID 3 (J-98)	6.7	5.9	5.8	5.8	6.0
EMPRESS	6.9	5.7	5.7	5.9	6.0
AZTEC II (TMI-AZ)	6.9	6.0	5.3	5.8	6.0
SR 8500 (SRX 8500)	6.8	5.9	5.7	5.8	6.0
BANDANA (PST-R5AE)	7.0	6.1	5.2	5.8	6.0

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS IN THE COOL-ARID ZONE
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CA1	CA3	UT1	WA1	MEAN
DOMINION (PST-5M5)	6.5	6.0	5.7	5.8	6.0
FALCON III (MB 212)	6.9	5.7	5.5	5.9	6.0
DUSTER	6.6	6.0	5.7	5.7	6.0
TULSA	7.0	5.9	5.5	5.7	6.0
ARID II (J-3)	6.6	6.0	5.6	5.8	6.0
BRANDY (J-101)	6.9	6.0	5.2	5.8	6.0
MB 213	6.6	5.7	5.6	6.1	6.0
MB 214	6.5	5.8	5.3	6.3	6.0
ONCUE (PST-523)	6.8	5.9	5.6	5.6	6.0
AIRLIE (MB 210)	6.6	5.9	5.8	5.6	6.0
TF 66 (BAR FA6 US6F)	6.7	5.8	5.6	5.8	6.0
OFI-931	6.4	5.8	5.8	5.9	6.0
ARIZONA (PICK FA 6-91)	6.6	5.5	5.6	6.1	6.0
PICK FA N-93	6.6	5.9	5.6	5.8	6.0
TWILIGHT II (TMI-TW)	6.7	5.7	5.5	5.9	6.0
PST-5TO	6.7	5.9	5.5	5.7	5.9
DURANA (MB 211)	6.6	5.8	5.5	5.9	5.9
RED COAT (ATF-038)	6.8	6.0	5.3	5.7	5.9
PICK FA XK-95	6.8	5.9	5.2	5.9	5.9
CU9502T	7.0	5.7	5.3	5.8	5.9
PICK FA 15-92	6.7	5.7	5.4	5.9	5.9
APACHE II	6.7	6.0	5.4	5.7	5.9
ALAMO E	6.6	6.0	5.2	5.9	5.9
SHORTSTOP II	6.7	5.8	5.2	5.9	5.9
MB 28	6.4	5.7	5.5	6.1	5.9
BRAVO (RG-93)	6.7	5.8	5.2	5.9	5.9
MB 216	6.2	5.6	5.6	6.1	5.9
MB 215	6.2	5.7	5.7	6.0	5.9
ISI-TF10	6.3	5.9	5.5	5.8	5.9
WYATT (ATF-188)	6.8	5.9	5.1	5.7	5.9
PIXIE E+	6.6	5.7	5.4	5.8	5.9
LION	6.4	5.9	5.5	5.7	5.9
RESERVE (ATF-182)	6.5	5.9	5.4	5.7	5.9
TOMAHAWK-E	6.5	5.7	5.5	5.7	5.9
OFI-FWY	6.6	5.5	5.6	5.7	5.9
ISI-TF9	6.7	5.7	5.4	5.6	5.8
PICK FA UT-93	6.6	5.5	5.5	5.7	5.8
CORONADO GOLD (PST-5RT)	6.5	6.1	5.0	5.7	5.8
GENESIS	6.4	5.7	5.5	5.7	5.8
EA 41	6.6	5.8	4.9	6.0	5.8
PRO 8430	6.5	5.8	5.3	5.6	5.8
EQUINOX (TMI-N91)	6.6	5.6	5.4	5.7	5.8
MUSTANG II	6.7	5.7	5.3	5.5	5.8
BULLDAWG (PICK CA-96)	6.7	5.6	5.2	5.7	5.8
ISI-TF11	6.5	5.7	5.5	5.5	5.8

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS IN THE COOL-ARID ZONE
1997-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	CA1	CA3	UT1	WA1	MEAN
CHAPEL HILL (TA-7)	6.2	5.8	5.5	5.8	5.8
FINELAWN PETITE	6.4	5.7	5.4	5.7	5.8
VELOCITY (AA-983)	6.3	5.6	5.2	6.0	5.8
LEPRECHAUN	6.4	5.8	5.3	5.6	5.8
COCHISE II	6.7	5.6	5.0	5.8	5.8
ATF-257	6.7	5.8	5.3	5.3	5.8
RENEGADE	6.5	5.9	5.1	5.5	5.8
FALCON II	6.4	5.7	5.3	5.6	5.7
REGIMENT	6.7	5.5	5.2	5.4	5.7
DP 50-9011	6.6	5.7	5.2	5.4	5.7
SRX 8084	6.7	5.6	5.1	5.5	5.7
ATF-253	6.7	5.7	4.9	5.6	5.7
MARKSMAN	6.2	5.4	5.5	5.7	5.7
GLEN EAGLE (EC-101)	6.5	5.6	5.1	5.6	5.7
ATF-020	6.5	5.6	5.1	5.6	5.7
WX3-275	6.6	5.6	5.0	5.4	5.7
AXIOM (ATF-192)	6.3	5.6	5.3	5.3	5.6
ATF-022	6.5	5.4	5.2	5.5	5.6
KITTY HAWK S.S.T. (SS45DW)	6.3	5.6	5.0	5.6	5.6
BONSAI	6.2	5.6	5.1	5.5	5.6
SAFARI	6.5	5.5	5.2	5.3	5.6
SHENANDOAH	6.2	5.5	5.3	5.4	5.6
PEDESTAL (PC-AO)	6.4	5.4	5.0	5.6	5.6
OPI-96-32	6.4	5.3	5.1	5.5	5.6
PSII-TF-9	6.3	5.3	5.1	5.6	5.6
PSII-TF-10	6.3	5.3	5.0	5.6	5.6
WVPB-1B	6.3	5.4	5.1	5.4	5.5
COMSTOCK (SSDE31)	6.3	5.4	4.9	5.6	5.5
HELIX (WVPB-1D)	6.4	5.3	4.9	5.4	5.5
JSC-1	6.2	5.2	5.1	5.5	5.5
GOOD-EN (KOOS 96-14)	6.2	5.0	5.1	5.6	5.5
WPEZE (WVPB-1C)	6.2	4.9	5.2	5.5	5.4
TITAN 2	6.1	5.1	4.8	5.1	5.3
JTTFC-96	6.3	5.3	4.7	4.9	5.3
JTTFA-96	6.2	5.0	5.0	4.9	5.3
DLF-1	5.9	4.7	4.8	5.1	5.1
ARID	5.5	4.9	4.8	4.7	5.0
AV-1	5.3	4.7	4.7	5.0	4.9
DP 7952	5.5	4.4	4.5	4.8	4.8
KENTUCKY-31 W/ENDO.	3.5	4.0	3.5	3.6	3.6
LSD VALUE	0.4	0.3	0.5	0.3	0.2
C.V. (%)	7.2	6.3	12.0	5.5	8.1

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

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

TABLE 25.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
MB 213	7.6	7.2	7.7	4.7	7.9	6.8	5.9	7.9	7.1	8.5	8.4	7.0	7.8	7.1	6.3	7.5	6.9	7.5	7.2	7.1	6.6	8.2	8.1	7.7	7.0	6.0	6.7	6.9	6.3	8.0	7.2
MB 26	6.9	7.2	7.3	5.2	7.8	6.6	6.0	7.3	6.8	7.8	8.4	7.4	8.0	7.0	6.3	7.9	7.2	7.7	7.4	7.2	6.6	7.3	8.2	7.8	7.0	6.7	6.3	6.7	6.3	8.0	7.1
MB 29	7.3	7.3	7.2	5.5	7.5	7.0	5.6	6.7	7.1	8.2	8.7	7.0	7.5	7.0	6.0	8.1	6.8	7.9	7.3	7.2	6.6	8.3	8.4	7.8	6.3	6.2	6.1	7.0	6.3	8.2	7.1
MB 214	7.8	7.4	7.7	5.3	7.6	7.1	5.8	6.9	6.9	8.1	8.3	7.1	7.5	7.0	6.2	7.6	6.8	7.7	7.1	6.9	6.7	8.5	8.3	7.5	7.0	6.0	6.6	6.4	6.2	8.0	7.1
MB 216	7.3	7.3	7.7	4.8	7.8	7.4	6.0	7.1	6.9	8.2	8.7	7.4	7.5	6.5	6.0	8.1	6.3	7.3	6.8	6.9	6.4	6.8	8.2	7.5	7.3	5.8	6.9	7.3	6.3	8.1	7.1
TRACER (BAR FA6 US1)	7.0	7.3	7.2	4.8	8.3	6.6	5.6	6.5	7.0	7.9	7.8	7.2	7.7	6.9	6.3	7.3	6.8	7.7	7.3	7.3	6.6	8.0	8.2	7.5	8.0	5.7	7.0	6.5	6.2	8.0	7.1
ZANZIBAR (ZPS-5LZ)	6.3	7.5	7.4	4.7	8.1	6.8	5.7	6.3	6.3	8.3	8.3	7.2	7.0	6.7	6.1	7.8	6.9	7.5	7.5	7.1	6.9	7.8	8.0	7.6	8.0	5.8	7.2	6.8	6.1	7.7	7.0
MB 215	7.0	7.2	7.4	5.3	7.6	6.9	6.0	7.8	6.8	8.0	8.1	7.1	7.7	6.8	6.0	7.6	6.9	7.5	7.4	6.8	6.1	7.7	8.2	7.6	6.3	6.0	7.1	6.7	6.3	7.6	7.0
MB 28	7.8	7.3	7.3	4.6	7.9	6.9	6.1	7.2	6.9	7.9	8.3	7.2	7.2	7.1	6.1	7.3	6.8	7.4	6.9	6.6	6.2	8.2	8.1	7.6	6.7	6.3	6.3	6.9	5.9	7.8	7.0
BARRERA (BAR FA6 US3)	7.0	7.3	7.4	4.8	8.3	6.7	5.8	7.2	6.7	7.5	8.0	7.0	7.7	6.9	6.2	7.1	6.4	7.7	7.2	6.4	6.6	8.0	7.8	7.6	8.0	5.8	6.4	6.9	6.1	7.9	7.0
ARIZONA (PICK FA 6-91)	6.2	7.1	7.4	5.0	7.9	6.2	6.0	6.8	6.5	7.6	8.3	7.0	7.3	6.7	6.1	6.8	7.0	7.7	7.2	7.8	6.6	8.0	7.8	7.8	8.0	6.2	6.7	6.2	5.9	8.0	7.0
BAR FA6 US2U	6.6	7.1	7.7	5.0	7.7	7.1	5.6	7.1	6.8	7.7	7.8	7.0	7.5	6.8	6.0	7.5	7.0	7.4	7.4	6.8	6.2	7.3	7.6	7.8	8.0	5.8	6.3	6.6	5.9	8.0	7.0
ARABIA (J-5)	6.6	7.2	7.8	4.8	7.4	6.8	5.7	6.8	6.8	7.8	8.4	7.0	7.3	6.6	6.5	7.1	6.8	7.3	6.9	7.6	6.7	7.5	7.8	7.3	7.0	6.0	6.8	6.8	6.1	7.9	7.0
PICK FA N-93	6.2	7.3	7.7	5.0	8.0	6.7	5.8	6.7	6.8	7.7	8.3	6.9	7.7	6.2	6.4	8.2	6.7	7.6	7.3	7.6	6.0	7.2	8.0	7.8	7.0	5.8	6.5	5.9	6.2	7.3	6.9
REBEL 2000 (AA-989)	7.3	7.2	7.0	5.2	7.8	6.8	5.9	5.8	6.5	7.4	7.9	7.0	7.7	6.8	6.0	7.4	6.2	6.9	7.3	6.7	6.7	8.2	7.7	7.3	8.0	6.2	6.9	6.3	5.9	8.1	6.9
BARRINGTON (BAR FA6D USA)	7.5	7.3	7.2	4.7	7.8	6.9	5.3	5.9	6.6	7.6	7.9	7.0	7.3	7.3	6.0	7.3	6.1	7.8	6.8	6.7	6.2	7.8	8.1	7.5	7.7	6.0	7.0	6.4	6.0	8.0	6.9
SHENANDOAH II (WRS2)	7.4	7.3	7.2	5.3	7.4	6.8	5.9	6.2	6.9	7.7	8.0	6.9	7.8	6.9	5.9	7.8	6.4	7.8	7.3	5.8	6.4	7.5	8.0	7.4	6.0	5.8	6.8	6.6	6.0	7.8	6.9
ARID 3 (J-98)	6.8	7.0	7.4	4.3	8.1	6.5	5.8	5.8	6.5	7.6	8.1	6.9	7.3	6.9	5.9	7.3	6.6	7.6	7.2	7.3	6.4	7.5	8.0	7.6	7.3	6.3	6.8	6.6	6.1	7.3	6.9
PICK FA 20-92	6.8	7.3	7.2	4.6	7.6	7.1	5.7	6.7	6.8	7.7	8.1	7.0	8.0	6.8	5.9	7.3	6.6	7.3	7.3	7.2	6.4	7.2	8.1	7.4	7.0	5.8	5.8	6.3	6.1	7.9	6.9
COYOTE	7.5	7.3	7.2	4.8	7.6	6.9	5.7	5.8	6.7	7.6	8.1	6.9	7.7	7.0	5.8	7.7	6.7	7.5	7.1	6.3	6.4	7.7	8.2	7.3	6.7	6.0	6.5	6.3	5.9	7.9	6.9
EA 41	7.8	7.3	7.0	5.0	7.3	6.8	5.9	6.3	7.0	7.8	8.1	6.9	7.5	6.9	5.8	7.3	6.4	7.1	7.0	7.1	6.1	7.5	8.0	7.3	7.0	5.7	5.6	6.9	6.0	7.6	6.9
DURANA (MB 211)	6.9	7.1	7.2	5.7	7.7	6.8	5.8	6.8	6.8	7.7	8.2	6.7	7.5	6.7	6.0	7.4	6.4	7.5	6.9	6.4	5.8	7.7	7.9	7.4	6.3	6.2	6.9	6.3	5.9	7.4	6.9
FALCON III (MB 212)	7.8	7.3	7.0	4.8	7.4	7.3	5.9	6.7	6.9	7.6	8.0	6.8	7.3	6.6	5.7	6.9	6.9	7.8	7.4	6.7	5.7	7.8	7.8	7.3	6.3	5.8	6.6	6.3	6.0	7.1	6.8
BARLEXAS II (BAR FA 6LV)	6.5	7.2	7.4	5.0	8.1	6.3	5.7	6.8	6.5	7.8	7.9	7.2	7.8	6.5	5.6	7.4	6.7	7.4	6.8	6.2	6.1	7.2	7.9	7.6	6.7	5.8	6.8	6.4	6.1	7.8	6.8
PLANTATION (PENNINGTON-1901)	7.8	7.5	7.0	4.7	8.2	6.7	5.9	5.9	6.5	7.9	7.9	6.7	7.3	7.0	5.8	6.9	6.7	7.7	7.2	6.1	5.9	7.5	7.8	7.1	5.7	6.0	6.8	5.8	5.9	7.8	6.8
PICK FA 15-92	5.9	7.2	7.2	4.3	7.9	7.1	5.8	6.5	6.3	7.3	7.9	6.9	7.2	7.0	5.8	6.8	6.3	7.3	6.8	7.1	5.7	8.2	7.8	7.5	7.0	6.2	6.3	6.5	6.3	7.6	6.8
ARID II (J-3)	6.0	7.2	7.4	5.5	7.5	7.3	5.7	5.9	6.5	7.7	8.0	7.1	7.0	6.6	5.8	6.7	6.6	7.8	7.2	6.8	5.7	7.5	7.9	7.3	6.3	6.2	6.4	6.3	6.2	7.6	6.8
MILLENNIUM (TMI-RBR)	6.9	7.0	7.0	4.7	8.1	6.4	5.6	5.6	6.8	7.1	7.9	6.7	7.8	7.0	5.9	7.0	6.4	7.7	7.2	6.4	5.8	7.2	8.1	7.2	7.0	5.8	6.5	6.4	6.3	8.0	6.8
VELOCITY (AA-983)	7.1	7.2	7.0	5.2	7.8	6.5	5.4	5.7	6.2	7.5	8.2	6.9	7.8	7.0	5.9	7.4	6.3	7.1	6.9	6.1	5.9	7.3	7.8	7.3	7.3	6.0	6.0	6.5	6.1	7.7	6.8
BRANDY (J-101)	5.3	7.3	7.2	4.8	7.7	7.2	5.8	6.1	6.7	7.3	8.0	6.9	7.5	6.7	5.7	7.2	6.7	7.8	6.9	6.1	5.2	7.3	7.9	7.3	8.0	6.2	6.4	6.3	6.3	7.0	6.8
PICK FA UT-93	6.1	7.3	7.0	5.3	7.1	6.6	5.7	6.2	6.4	7.4	8.1	6.8	7.3	6.4	6.0	6.7	6.7	7.3	6.8	7.0	5.9	7.3	8.0	7.8	7.7	6.0	6.1	5.9	6.2	7.3	6.7
CORONADO	6.8	7.3	7.2	4.8	7.4	6.8	5.9	5.7	6.7	7.5	8.0	6.6	7.3	6.9	5.6	7.1	6.4	6.9	7.3	6.2	6.0	7.2	8.1	7.2	6.7	5.8	7.0	6.3	6.0	7.2	6.7
OFI-951	5.9	7.3	6.8	5.0	7.4	6.6	5.8	6.7	6.8	7.3	8.2	6.8	7.0	7.0	6.1	7.0	6.3	7.3	6.8	6.4	6.2	7.5	7.8	7.3	6.0	5.7	6.4	6.3	6.2	7.9	6.7
DYNASTY (PICK RT-95)	6.0	7.3	7.4	5.3	8.2	6.7	5.8	5.8	6.6	7.3	8.0	6.6	7.7	7.2	5.5	7.1	6.6	7.5	7.2	6.3	5.3	7.5	7.9	7.0	6.0	5.8	6.4	6.1	6.1	7.3	6.7
GAZELLE	5.9	7.5	7.0	5.2	8.2	6.8	5.5	5.4	6.3	7.7	8.1	6.8	7.5	6.6	6.2	6.4	6.9	7.4	6.7	6.3	5.9	7.3	8.3	7.3	6.3	6.0	6.5	5.9	5.9	7.6	6.7
REBEL SENTRY (AA-A91)	6.8	7.3	7.0	4.7	7.4	6.7	5.7	5.9	6.4	7.8	8.3	6.8	7.2	6.8	5.7	6.8	6.4	7.4	6.7	6.1	6.3	7.2	7.9	7.2	7.0	6.0	6.3	6.3	5.9	7.4	6.7
TWILIGHT II (TMI-TW)	5.9	7.3	7.6	4.7	7.4	6.8	5.8	5.3	6.3	7.2	7.8	7.0	7.0	6.7	5.8	6.8	6.7	7.5	6.7	6.8	5.7	7.5	7.6	7.3	7.7	6.0	6.1	6.8	6.3	7.4	6.7
TF 66 (BAR FA6 US6F)	6.2	7.2	6.9	4.7	7.4	6.8	5.7	6.1	6.6	7.4	7.7	6.9	7.8	6.8	6.0	7.0	6.3	7.7	7.1	5.8	6.0	7.3	8.0	7.3	6.0	6.0	6.8	6.3	6.0	7.4	6.7
SCORPIO (ZPS-2PTF)	6.5	7.6	7.2	4.8	8.1	6.7	5.7	5.7	6.7	7.6	7.8	6.9	7.3	6.4	5.8	6.5	6.2	7.3	7.1	6.0	5.3	7.2	7.9	7.3	6.0	5.7	7.0	6.7	6.1	7.9	6.7
PICK FA XK-95	6.8	7.3	7.1	5.0	6.9	7.0	5.6	5.5	6.6	7.6	7.4	6.7	7.2	6.8	5.8	6.8	6.4	7.6	7.2	6.6	5.7	7.8	7.8	7.3	7.0	6.0	5.8	6.0	5.9	7.8	6.7
OFI-96-31	6.6	7.3	6.8	4.8	7.6	6.8	5.8	5.5	6.4	7.3	8.1	6.8	7.5	7.0	5.8	6.9	6.7	7.7	6.8	5.8	6.1	7.7	7.7	7.3	6.7	5.8	6.0	6.0	6.1	7.6	6.7
REMBRANDT (LTP-4026 E+)	6.9	7.4	6.6	5.0	8.0	6.8	5.9	5.3	6.3	7.3	7.9	6.6	7.3	6.7	5.7	6.6	6.4	7.5	6.6	6.4	5.7	8.3	8.1	7.3	6.0	6.2	6.9	6.0	5.8	7.3	6.7
SUNPRO	6.3	7.3	7.0	5.0	7.2	6.9	5.8	5.9	6.6	7.6	7.8	6.6	6.8	6.7	5.8	7.0	6.2	7.2	7.3	6.4	5.7	7.2	7.8	7.3	6.0	5.7	6.7	5.8	6.1	8.0	6.7
OFI-931	6.2	7.2	7.0	5.2	7.3	6.7	5.8	5.3	6.9	7.1	7.9	6.9	7.3	6.6	5.4	7.3	6.4	7.6	6.9	5.6	6.0	7.3	7.8	7.4	6.0	6.2	6.3	6.0	6.1	7.7	6.6

TABLE 25. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
BAR FA 6D	6.8	7.3	7.0	5.4	7.1	6.3	5.5	5.8	6.6	7.2	7.9	6.7	7.3	6.4	5.5	6.6	6.6	7.3	6.7	6.7	5.7	6.8	8.0	7.4	6.0	6.0	7.0	6.2	6.0	7.4	6.6
MASTERPIECE (LTP-SD-TF)	6.3	7.3	6.8	4.6	7.9	6.8	5.7	5.2	6.7	7.1	7.6	6.7	7.7	6.9	5.3	6.9	6.7	7.3	7.5	5.9	4.8	7.3	7.9	6.9	6.7	5.7	6.3	6.5	6.1	7.3	6.6
SHORTSTOP II	5.8	7.3	6.8	5.2	7.1	6.3	5.6	5.7	6.2	7.2	7.8	7.1	6.8	6.7	5.7	6.7	6.4	7.3	6.8	6.7	5.7	8.2	7.8	7.2	6.3	6.0	6.0	5.8	6.1	7.6	6.6
LION	6.1	7.4	7.4	5.3	7.0	7.0	5.9	5.1	6.7	7.2	7.9	6.9	6.7	6.4	5.7	6.9	6.2	7.3	6.8	5.9	4.6	7.2	8.0	7.1	6.3	5.7	6.1	6.9	6.1	7.7	6.6
AIRLIE (MB 210)	7.3	7.3	7.0	4.5	7.3	6.7	5.6	5.8	6.3	7.1	7.8	6.7	7.7	6.4	5.7	6.9	6.6	7.3	6.7	5.3	5.1	7.7	7.9	7.1	5.0	6.0	6.8	6.4	5.8	7.8	6.6
OLYMPIC GOLD (PST-5E5)	6.8	7.4	6.8	4.7	7.6	6.3	5.5	5.1	6.4	7.1	7.8	6.7	7.2	6.7	5.6	7.7	6.2	7.6	7.3	5.7	5.2	7.5	7.6	6.9	6.3	5.7	6.2	6.3	5.8	7.8	6.6
CORONADO GOLD (PST-SRT)	6.4	7.3	7.0	4.7	8.1	6.5	5.5	6.1	6.4	7.2	7.4	6.6	7.7	7.0	5.5	6.8	6.6	6.7	6.7	6.0	5.0	7.5	7.8	6.9	5.7	5.7	6.6	6.3	5.9	7.6	6.6
GENESIS	6.8	7.3	6.3	5.0	7.3	6.9	5.7	5.2	6.4	6.9	7.7	6.7	6.8	7.0	5.3	6.4	6.4	7.2	6.9	5.8	5.7	8.0	7.7	7.2	6.0	5.7	6.9	6.3	6.0	7.4	6.6
CHAPEL HILL (TA-7)	6.9	7.2	6.6	4.7	7.4	6.8	5.5	4.8	6.4	7.3	7.8	6.6	7.0	7.0	5.4	6.3	6.1	7.3	7.0	5.6	6.0	7.2	7.8	7.3	7.0	5.5	6.6	6.3	5.9	7.3	6.6
ISI-TF10	5.9	7.3	6.4	4.5	7.1	6.8	5.8	5.8	6.4	6.9	8.0	6.8	7.5	6.8	5.3	6.4	6.3	7.2	7.1	6.3	5.7	7.5	7.8	7.2	6.0	5.5	6.3	6.4	6.2	7.4	6.6
CU9501T	6.6	7.3	7.0	4.8	7.2	6.6	5.6	5.2	6.3	7.0	8.0	6.4	7.0	6.6	5.4	6.7	6.4	7.4	6.9	5.4	5.8	7.7	8.0	7.0	6.0	6.0	6.6	6.3	5.8	7.4	6.5
CROSSFIRE II	6.6	7.4	6.9	4.7	7.6	6.8	5.7	5.2	6.4	6.9	7.6	6.8	7.0	6.8	5.8	6.6	6.3	7.3	7.2	6.2	5.4	8.2	7.6	7.3	5.0	5.7	5.7	6.2	6.0	7.6	6.5
WATCHDOG (PICK FA B-93)	6.8	7.3	6.9	5.2	7.9	6.6	5.8	5.0	6.6	7.3	7.9	6.6	7.7	6.4	5.3	6.8	6.3	7.2	6.6	5.2	5.3	7.7	7.8	7.0	6.0	5.3	6.8	5.7	5.9	7.1	6.5
BULLDAG (PICK GA-96)	6.1	7.2	6.8	5.3	7.6	6.8	5.7	5.6	6.5	7.0	7.8	6.8	7.2	6.9	5.6	6.3	6.1	7.2	6.5	6.0	5.4	7.8	7.8	7.2	6.3	5.7	5.8	5.4	6.1	7.1	6.5
PST-5TO	6.5	7.3	7.2	4.7	7.9	6.4	5.6	5.2	6.6	6.9	7.8	6.7	7.5	6.4	5.7	6.9	6.0	7.1	6.7	5.6	4.8	6.5	7.7	6.8	7.0	5.8	6.2	6.4	6.0	7.6	6.5
DOMINION (PST-5M5)	6.9	7.3	6.6	4.7	7.6	6.8	5.6	5.0	6.7	6.8	7.7	6.3	7.5	6.8	5.7	7.0	6.1	6.9	7.3	5.1	5.0	7.0	7.9	6.9	6.0	5.5	6.4	5.9	6.1	7.1	6.5
SR 8500 (SRX 8500)	5.7	7.4	7.1	4.8	7.5	6.8	5.2	5.6	6.3	6.9	7.8	6.4	7.0	6.2	5.8	6.5	6.6	7.3	6.8	6.2	5.9	7.0	7.8	7.0	5.7	5.5	6.0	5.7	6.0	7.4	6.5
ALAMO E	5.6	7.3	7.0	4.5	7.4	6.2	5.7	5.8	6.3	7.0	7.8	7.0	6.7	7.0	5.3	6.4	6.3	7.2	6.7	6.3	4.9	7.0	8.0	7.0	6.0	6.2	5.8	5.8	6.0	7.6	6.5
OFI-FWY	5.5	7.3	6.7	4.7	7.1	6.8	5.4	5.5	6.4	6.8	7.8	6.2	7.0	6.6	5.5	6.3	6.7	7.1	7.4	5.3	5.3	7.0	7.7	7.3	5.3	6.0	7.1	6.2	5.9	7.2	6.4
BRAVO (RG-93)	6.3	7.3	6.6	4.7	7.4	6.7	5.8	5.1	6.5	6.9	8.1	6.4	6.7	6.8	5.3	6.9	6.0	7.3	6.8	5.8	5.8	7.0	7.7	6.5	5.0	5.8	6.4	6.0	6.3	7.7	6.4
SOUTHERN CHOICE	6.5	7.3	6.8	4.7	7.6	6.8	5.5	5.8	6.3	7.3	7.6	6.7	6.8	6.6	5.3	6.7	6.3	7.0	6.7	5.6	4.9	7.0	7.7	7.0	5.7	6.0	5.8	5.9	6.1	7.4	6.4
FINELAWN PETITE	6.3	7.0	6.9	4.7	7.2	6.4	6.1	5.3	6.5	6.8	7.6	6.3	7.7	6.8	5.4	6.6	6.1	7.1	6.7	5.3	4.7	7.0	7.6	7.3	6.0	5.7	6.6	5.8	5.9	7.3	6.4
WILDFIRE (ATF-196)	5.4	7.3	7.0	5.2	7.6	6.5	5.6	4.3	6.1	6.9	7.8	6.2	7.0	6.7	5.6	6.5	6.1	7.4	6.6	4.9	5.3	7.2	7.5	6.5	7.0	6.0	6.3	6.3	6.1	7.6	6.4
TAR HEEL	6.4	7.2	7.1	5.2	7.3	6.7	5.5	4.9	6.3	6.7	7.3	6.3	7.0	6.7	5.5	6.5	6.0	7.2	6.3	5.4	5.0	6.8	7.6	7.0	7.0	5.8	6.5	5.8	5.8	7.4	6.4
DUSTER	5.7	7.2	6.8	4.5	6.9	7.0	5.8	5.3	6.3	7.3	7.4	6.4	7.2	6.2	5.1	6.0	6.2	7.2	7.0	5.3	5.1	7.3	7.7	7.2	7.0	5.7	6.3	6.1	5.9	7.2	6.4
WX3-275	5.7	7.1	7.0	5.3	7.5	6.3	5.3	5.5	6.3	6.9	7.5	6.2	7.0	6.4	5.4	6.7	5.9	7.0	7.0	5.8	4.6	8.0	7.7	7.2	6.3	5.7	5.8	5.8	6.0	6.6	6.4
ANTHEM II (TMI-FMN)	6.2	7.0	6.3	4.3	7.1	6.3	5.4	5.4	6.6	6.9	7.7	6.6	7.3	6.8	5.3	6.5	6.3	7.0	6.2	6.0	5.6	6.3	7.5	6.6	5.3	6.0	6.9	6.0	6.1	7.7	6.4
APACHE II	5.9	7.3	6.8	5.0	7.5	6.8	5.7	4.8	6.3	6.8	7.7	6.3	7.2	6.7	4.9	6.3	6.4	6.9	7.2	5.4	5.1	7.5	7.9	6.8	5.0	5.8	5.7	6.0	5.9	7.1	6.4
RED COAT (ATF-038)	6.0	7.3	6.4	4.3	6.9	6.4	5.8	4.8	6.5	6.7	7.6	6.4	7.3	6.4	5.3	6.0	6.7	7.4	7.1	5.3	4.9	7.0	7.8	6.7	5.7	6.2	6.5	6.2	5.8	7.1	6.3
EMPRESS	6.2	7.3	6.7	4.2	7.3	6.8	5.6	4.8	6.3	6.8	7.3	6.3	6.8	6.3	5.3	6.6	6.3	6.8	6.9	5.6	4.9	7.2	7.5	7.0	6.0	5.7	6.3	6.0	6.0	7.3	6.3
OFI-96-32	5.9	7.3	6.9	4.3	7.4	6.3	5.6	4.8	6.3	6.9	7.7	6.3	6.8	6.6	5.3	6.3	6.0	6.4	7.1	5.8	5.0	8.0	7.9	6.8	6.0	5.8	5.8	5.8	5.8	6.9	6.3
PIXIE E+	6.0	7.2	6.4	4.3	7.3	6.9	5.5	5.1	6.4	6.8	7.8	6.4	6.5	6.6	5.1	6.6	6.2	6.9	7.1	5.0	4.8	6.7	7.8	6.8	6.0	6.3	6.2	5.8	6.0	7.3	6.3
R5AU	6.3	7.3	6.9	4.5	7.3	6.7	5.7	4.8	6.4	7.1	7.6	6.3	7.0	6.4	5.1	6.5	6.2	6.8	6.8	4.9	4.7	7.0	7.5	6.8	6.0	6.2	6.7	5.4	6.2	6.8	6.3
JAGUAR 3	6.6	7.3	6.3	4.7	7.7	6.5	5.7	4.5	6.4	6.9	7.4	6.3	7.3	6.4	5.3	6.3	6.4	6.4	7.0	5.7	4.6	6.8	7.8	6.8	5.7	5.5	5.9	6.3	5.8	7.1	6.3
COCHISE II	6.1	7.2	6.4	4.8	7.6	6.3	5.7	4.8	6.2	6.8	7.5	6.3	6.8	6.3	5.4	6.2	6.3	6.8	6.8	5.3	5.0	8.0	7.5	6.9	6.0	5.7	5.6	6.0	5.8	7.1	6.3
TOMAHAWK-E	5.6	7.2	6.9	5.0	6.9	6.3	5.5	4.3	6.3	6.7	7.5	6.8	7.0	6.7	5.5	6.4	6.0	6.8	6.6	5.7	4.9	7.2	7.6	6.8	5.7	5.7	6.0	6.1	5.9	7.4	6.3
AZTEC II (TMI-AZ)	5.4	7.5	6.8	5.0	6.7	6.3	5.8	4.1	6.4	6.7	7.6	6.3	6.7	7.0	5.3	6.6	6.1	6.9	6.4	6.2	4.9	6.5	7.7	6.8	4.7	6.3	5.7	6.2	6.1	7.0	6.3
TULSA	5.9	7.4	6.3	4.8	6.9	6.3	5.8	4.3	6.5	6.3	7.8	6.3	6.5	6.7	5.1	6.3	6.0	6.6	7.0	4.9	5.2	7.7	7.4	6.9	5.7	5.7	5.9	6.0	6.0	7.2	6.2
WOLFPACK (PST-R5TK)	6.6	7.3	7.0	4.5	7.4	6.8	5.3	4.0	6.6	6.6	7.3	6.4	6.8	7.0	5.3	6.2	6.2	6.9	6.8	4.7	4.0	7.2	7.8	6.4	5.3	5.7	5.9	6.0	5.9	7.3	6.2
BANDANA (PST-R5AE)	5.8	7.3	7.0	5.0	7.0	6.8	5.7	4.6	6.3	7.3	7.6	6.2	7.2	6.1	5.3	6.1	6.2	7.0	6.8	4.9	3.9	7.2	7.8	6.8	4.7	5.7	6.2	5.8	5.9	7.3	6.2
BONSAI 2000 (BULLET)	5.7	7.3	6.7	4.8	6.9	6.8	5.8	5.0	6.2	6.7	7.4	6.3	7.0	6.4	5.0	6.3	6.2	6.8	6.5	5.0	4.4	7.3	7.4	6.8	5.0	6.2	6.1	5.9	5.8	6.7	6.2
GOOD-EN (KOOS 96-14)	6.2	7.3	6.4	4.5	6.9	6.3	5.5	5.1	6.5	6.6	7.8	6.2	6.7	6.8	5.1	6.2	6.4	6.5	6.9	5.7	4.9	6.7	7.5	6.8	5.0	6.2	5.6	5.9	5.8	6.7	6.2
PSII-TF-10	5.5	7.2	6.1	4.7	6.4	6.8	5.5	4.9	6.4	6.9	7.4	6.4	6.2	6.6	5.4	6.3	6.0	7.3	6.8	5.8	4.9	7.2	7.3	6.9	5.0	5.7	5.3	6.0	6.0	7.4	6.2
MARKSMAN	6.3	7.2	6.3	4.8	7.0	6.7	5.5	5.1	6.4	6.5	7.5	6.2	7.0	6.6	5.0	6.1	6.3	6.9	6.2	4.6	4.9	7.5	7.3	6.8	5.0	6.0	6.1	5.7	5.8	6.9	6.2
FALCON II	5.5	7.2	6.2	4.5	6.6	7.0	5.8	5.3	6.5	6.6	7.6	6.4	6.5	6.6	4.9	6.3	6.0	7.2	6.6	4.8	4.7	6.8	7.6	6.7	5.0	6.0	6.0	6.1	5.8	7.2	6.2

TABLE 25. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NU2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
CU9502T	5.8	7.3	6.3	4.8	7.1	5.9	5.7	4.9	6.3	6.1	7.9	6.3	7.0	6.2	4.9	6.2	5.7	7.0	6.5	5.4	4.1	7.0	7.6	6.3	7.0	5.7	6.3	5.8	5.8	6.9	6.2
ISI-TF9	5.5	7.2	6.6	4.5	7.4	6.5	5.4	4.7	6.3	6.5	7.9	6.4	6.5	6.6	4.8	6.1	6.6	6.8	6.9	5.1	4.2	7.0	7.6	6.5	5.0	5.7	6.1	5.9	5.9	6.8	6.2
SR 8210	5.6	7.3	6.6	4.7	7.0	6.2	5.4	4.5	6.6	6.4	7.6	6.4	6.8	6.2	4.8	6.8	6.0	6.8	7.1	5.1	4.3	7.3	7.8	6.5	5.0	5.5	5.9	5.8	5.8	6.8	6.2
WYATT (ATF-188)	5.3	7.3	6.3	4.3	7.4	6.3	5.8	4.3	6.3	6.6	7.2	6.3	7.0	6.8	4.9	6.3	6.3	6.8	6.8	4.0	4.3	7.5	7.7	6.5	6.0	5.5	5.8	6.0	5.8	7.1	6.2
GLEN EAGLE (EC-101)	6.0	7.2	5.6	4.5	6.8	6.0	5.6	4.8	6.4	6.5	7.7	6.4	7.5	6.6	4.8	5.8	5.8	6.6	6.6	4.7	4.4	7.2	7.8	6.6	6.3	6.0	6.0	5.8	5.8	6.9	6.1
WVPB-1B	6.2	7.2	6.3	4.8	7.1	6.2	5.4	4.1	6.4	6.4	7.5	6.3	6.7	6.5	5.0	6.3	6.0	7.4	6.7	5.6	4.4	7.5	7.3	6.5	4.7	5.3	5.9	5.9	5.8	6.7	6.1
EQUINOX (TMI-N91)	5.7	7.2	6.7	4.3	6.6	5.9	5.4	4.3	6.3	6.5	7.3	6.6	7.0	6.7	5.1	6.2	6.0	6.7	6.5	5.2	3.9	7.2	7.6	6.8	5.0	6.2	6.0	6.0	5.9	6.9	6.1
PEDESTAL (PC-AO)	5.2	7.0	6.6	4.5	7.0	6.6	5.7	4.0	6.2	6.7	7.8	6.4	7.2	6.6	4.8	5.8	6.0	7.1	6.8	4.7	4.3	7.3	7.7	6.4	5.0	5.7	5.4	5.8	6.0	7.0	6.1
ISI-TF11	5.7	7.2	6.3	4.5	7.2	6.6	5.7	4.4	6.0	6.5	7.7	6.3	7.2	6.7	5.0	6.3	5.7	6.3	6.9	5.1	4.0	6.8	7.5	6.5	5.0	5.8	5.8	5.7	6.0	6.6	6.1
DP 50-9011	6.4	7.3	6.7	5.5	6.4	6.2	5.5	4.8	6.4	6.5	7.6	6.6	6.0	6.3	5.0	6.2	5.6	6.7	6.6	5.0	4.9	6.2	7.9	6.3	5.0	5.7	5.8	5.8	5.9	6.4	6.1
WPEZE (WVPB-1C)	6.3	7.1	5.8	4.3	6.8	6.7	5.6	4.5	6.3	6.7	7.7	6.2	6.5	6.7	4.9	5.8	6.1	6.6	7.1	5.0	4.1	6.5	7.5	6.5	5.0	6.0	6.0	6.2	6.0	6.6	6.1
RENEGADE	5.6	7.0	6.8	4.2	7.1	6.7	5.5	4.4	6.3	6.2	7.5	6.3	7.2	6.8	5.0	6.2	5.9	6.6	6.4	4.3	3.9	7.5	7.7	6.8	5.3	5.8	5.3	5.7	5.9	6.8	6.1
COMSTOCK (SSDE31)	5.3	7.0	6.3	4.0	6.4	6.4	5.7	4.2	6.3	6.8	7.3	6.3	6.8	6.3	5.0	6.0	5.9	6.3	6.6	4.6	5.2	7.0	7.4	6.3	6.3	5.7	5.8	6.1	5.9	6.9	6.1
ATF-020	5.7	7.2	6.9	4.3	6.7	5.7	5.3	4.0	5.9	6.8	7.6	6.1	7.2	6.2	5.0	6.3	6.0	6.9	6.2	4.8	4.6	7.3	7.4	6.6	5.3	5.7	5.3	6.1	5.8	6.8	6.1
ONCUE (PST-523)	6.0	7.3	6.8	4.2	7.3	5.9	5.3	3.8	6.3	6.6	7.1	6.2	6.5	6.3	5.2	6.3	5.3	6.6	6.4	5.1	4.1	7.0	7.7	6.4	5.3	5.5	5.9	5.7	6.0	7.0	6.0
ATF-022	5.9	7.3	6.8	5.3	7.0	6.3	5.5	4.0	6.1	6.4	7.2	6.3	6.8	6.6	4.8	6.0	6.2	6.4	6.5	4.3	3.8	6.7	7.3	6.4	5.3	6.2	5.4	6.0	5.8	6.6	6.0
MUSTANG II	6.3	7.3	6.0	4.3	7.6	6.0	5.7	4.3	6.3	6.6	7.2	6.3	6.5	6.7	4.8	5.8	5.7	6.9	6.7	4.9	3.7	7.3	7.2	6.4	5.3	5.5	5.3	5.8	5.8	6.7	6.0
PSII-TF-9	5.6	7.1	6.2	4.3	7.3	6.2	5.6	4.1	6.1	6.7	7.4	6.2	6.2	6.3	4.9	6.5	6.1	6.2	6.9	4.6	3.9	7.0	7.3	6.6	5.0	5.7	5.7	5.9	5.8	7.2	6.0
LEPRECHAUN	6.0	7.1	6.2	4.5	7.2	6.5	5.5	4.6	6.4	6.5	6.9	6.2	6.7	6.3	5.0	5.8	5.9	6.2	6.6	4.9	4.1	6.7	7.3	6.6	5.0	5.5	5.8	5.8	5.9	6.7	6.0
KITTY HAWK S.S.T. (SS45DW)	5.3	7.3	5.9	4.3	6.8	6.1	5.6	3.9	6.2	6.7	7.3	6.2	6.8	6.4	4.8	6.5	5.7	6.8	7.0	4.7	4.1	6.7	7.4	6.5	5.7	5.5	5.6	6.1	5.8	6.7	6.0
RESERVE (ATF-182)	5.9	7.3	6.2	4.7	7.3	6.3	5.7	4.3	5.9	6.5	7.0	6.2	6.3	6.7	5.0	5.8	5.4	6.5	6.4	4.1	3.8	7.2	7.4	6.3	5.7	5.7	5.8	6.1	6.1	6.8	6.0
HELIX (WVPB-1D)	5.7	7.1	6.2	4.8	6.6	6.6	5.3	4.3	6.1	6.4	7.5	6.2	6.3	6.3	5.2	6.3	5.6	6.6	6.6	4.9	4.2	6.5	7.5	6.3	6.0	5.7	4.7	6.0	5.9	6.4	6.0
ATF-253	5.8	7.1	6.0	4.0	6.9	6.2	5.3	4.3	6.1	6.4	7.7	6.3	6.5	6.0	5.1	6.1	5.7	6.3	6.3	5.0	4.4	7.2	7.6	6.7	5.0	5.5	5.5	6.0	5.8	6.7	6.0
REGIMENT	6.0	7.3	5.6	4.2	6.3	6.6	5.6	4.3	6.3	6.5	7.3	6.1	6.3	6.2	4.8	6.3	5.2	6.3	6.8	4.6	4.4	7.2	7.6	6.3	5.0	5.8	5.8	5.8	5.9	6.7	6.0
PRO 8430	5.7	7.2	6.6	4.2	7.3	6.8	5.5	4.2	6.3	6.7	7.0	6.0	6.3	6.4	4.8	5.8	5.8	6.6	6.9	4.1	3.7	6.7	7.6	6.3	5.0	5.5	6.2	5.2	6.0	6.6	6.0
AXIOM (ATF-192)	5.0	7.2	6.8	4.8	6.4	5.9	5.6	4.3	5.5	6.2	7.2	5.9	6.5	6.1	5.0	5.6	6.0	6.3	6.7	4.4	3.7	7.7	7.8	6.4	5.0	6.0	6.1	5.9	5.7	6.6	5.9
JSC-1	5.1	7.2	5.9	4.5	6.2	6.3	5.5	4.1	6.3	6.1	6.9	6.2	6.7	6.2	4.9	5.8	6.0	6.8	6.7	4.6	4.0	7.0	7.6	6.3	5.7	5.7	5.3	5.8	5.9	6.8	5.9
SRX 8084	5.3	7.4	6.4	4.3	6.8	6.0	5.6	4.4	6.2	6.8	7.3	6.1	6.8	6.8	4.9	5.8	6.1	6.3	6.6	4.3	3.8	6.7	7.4	6.4	4.7	5.3	5.5	5.7	5.8	6.0	5.9
BONSAI	5.5	7.2	7.0	4.7	5.8	5.9	5.4	3.5	6.2	6.6	6.6	6.1	6.0	6.4	4.8	5.8	5.8	6.8	6.8	4.1	4.3	6.5	7.1	6.2	5.7	5.5	5.0	5.8	5.9	6.4	5.9
SAFARI	5.8	7.2	5.6	4.5	6.9	6.3	6.0	2.8	6.3	6.1	7.0	6.1	7.2	6.7	4.5	5.9	5.9	6.1	6.8	3.8	3.4	7.2	7.5	6.2	4.3	5.3	5.5	5.6	5.9	6.2	5.8
ATF-257	6.0	7.2	5.8	4.3	6.6	6.1	5.3	3.5	5.5	6.4	7.3	6.0	6.2	6.1	4.6	5.5	5.6	6.6	6.2	3.8	3.9	7.2	7.4	6.2	5.0	5.7	5.2	5.7	6.0	6.6	5.8
SHENANDOAH	6.3	6.9	5.4	4.3	6.4	6.1	5.5	3.8	6.7	6.1	6.8	6.0	6.2	6.1	4.3	5.8	5.8	6.3	6.9	3.6	2.8	6.7	6.9	6.3	5.0	5.3	5.5	5.4	5.9	6.6	5.7
DLF-1	5.6	6.9	4.8	4.5	6.2	5.8	5.5	3.3	6.0	6.1	6.8	5.6	5.8	6.0	4.3	5.5	5.8	6.1	6.0	3.9	3.1	6.2	7.3	5.6	4.7	5.5	4.8	5.4	5.5	5.9	5.5
JTTFC-96	5.6	7.1	5.0	4.3	6.0	6.3	5.3	2.8	5.5	5.5	6.6	5.9	6.0	6.6	4.5	4.9	5.0	5.8	6.7	3.0	3.4	6.8	6.8	5.8	3.7	5.5	5.8	5.3	5.9	5.8	5.4
TITAN 2	5.5	6.8	6.1	4.0	6.9	6.1	5.2	2.8	5.8	6.4	6.3	5.9	5.7	5.9	4.3	5.1	5.4	5.6	6.2	3.3	2.9	6.0	7.1	5.9	3.7	5.5	4.2	5.3	5.8	5.7	5.4
AV-1	4.3	7.2	4.6	4.8	5.7	6.3	5.6	3.3	5.7	5.5	6.7	5.7	5.5	6.2	4.1	4.3	5.2	5.5	6.1	3.9	2.9	6.2	7.2	5.6	5.0	5.5	4.8	5.8	5.8	5.9	5.4
JTTFA-96	4.5	7.0	4.6	4.7	5.6	5.8	4.7	2.4	5.4	5.1	5.8	5.3	5.2	5.4	3.5	4.6	4.7	5.6	6.3	2.8	2.8	6.7	6.8	5.5	4.0	5.3	5.2	5.1	5.8	5.2	5.0
DP 7952	5.1	6.8	4.6	4.3	5.4	5.6	5.0	3.0	5.6	5.5	6.2	5.6	4.3	5.8	4.0	4.7	4.7	5.6	5.8	2.4	2.1	5.3	6.8	5.4	2.0	5.5	4.5	5.1	5.3	5.6	4.9
ARID	5.3	6.8	4.6	3.8	5.7	5.6	4.8	1.8	5.4	4.7	5.8	5.2	5.2	5.3	3.6	4.1	4.8	5.2	6.3	2.7	1.9	5.7	6.8	5.3	3.7	5.3	4.7	5.3	5.4	4.8	4.8
KENTUCKY-31 W/ENDO.	3.7	4.5	4.3	3.7	4.9	5.1	4.2	1.3	3.4	3.8	4.3	4.7	3.2	5.0	3.2	2.8	3.6	4.2	5.7	2.2	1.0	5.2	5.5	5.1	2.7	5.0	4.0	4.0	4.8	4.2	4.0
LSD VALUE	0.7	0.5	0.5	0.9	0.7	0.6	0.6	1.0	0.5	0.4	0.6	0.6	0.9	0.6	0.5	0.8	0.8	0.6	1.0	0.8	1.1	0.8	0.5	0.4	0.9	0.9	0.7	0.7	0.4	0.7	0.1
C.V. (%)	13.6	8.0	7.7	15.5	10.5	11.7	12.7	25.1	9.6	8.6	10.6	9.5	11.2	9.7	12.3	15.6	14.4	10.5	18.1	15.4	24.5	9.6	8.4	8.1	9.1	13.6	14.7	15.1	8.5	9.8	12.6

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

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

TABLE 26.

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	IA1	IL1	IN1	KS2	KY1	MD1	MI1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	VA1	VA4	WA1	MEAN
GENESIS	5.5	5.6	5.8	6.8	8.0	6.7	9.0	5.6	6.8	6.7	5.3	4.9	8.3	5.9	6.8	6.3	5.4	6.4
JTTFA-96	6.6	7.2	6.5	7.6	5.3	7.0	5.6	5.7	5.7	5.7	8.2	6.4	7.7	6.9	5.8	5.0	6.6	6.4
SAFARI	6.0	5.8	6.0	7.2	7.0	7.0	5.9	5.4	6.0	7.0	7.0	6.4	8.0	6.1	6.4	5.6	6.3	6.4
CU9501T	5.9	5.7	5.4	7.3	7.3	6.7	5.3	5.8	7.5	6.5	5.7	6.2	8.5	6.1	6.8	6.3	5.8	6.4
REMBRANDT (LTP-4026 E+)	5.6	5.3	5.7	6.9	7.0	7.3	5.6	5.3	7.3	6.8	4.9	6.4	8.6	6.3	6.8	6.3	5.3	6.3
JAGUAR 3	6.1	5.8	5.7	7.1	7.0	6.7	5.6	5.6	7.7	6.3	5.2	5.9	8.3	5.9	6.8	6.0	5.8	6.3
CU9502T	5.4	5.8	5.7	7.1	7.0	7.3	5.4	6.0	7.5	6.5	5.7	5.5	8.3	5.9	6.4	6.0	5.4	6.3
FALCON II	6.3	5.4	6.0	7.1	7.0	7.0	5.7	5.5	7.2	6.2	6.1	5.9	8.3	5.7	6.8	5.8	5.1	6.3
CHAPEL HILL (TA-7)	5.9	5.4	5.2	6.8	8.0	6.7	5.6	5.2	7.3	6.5	5.7	5.9	8.5	5.9	6.7	6.2	5.2	6.3
SHENANDOAH	5.7	5.0	5.8	7.1	7.3	7.0	5.7	5.3	6.5	6.0	6.3	6.0	7.9	6.0	5.9	5.8	6.1	6.2
ARID	6.2	6.8	6.3	7.4	5.0	6.0	5.7	4.7	5.7	6.2	8.3	6.3	7.6	6.0	5.7	5.0	6.6	6.2
PLANTATION (PENNINGTON-1901)	5.4	5.1	4.9	7.0	6.7	7.0	5.6	6.7	7.0	7.0	4.4	5.5	8.6	6.1	6.9	6.0	5.3	6.2
MASTERPIECE (LTP-SD-TF)	5.8	5.3	5.6	7.0	7.3	7.3	5.1	5.5	7.2	6.7	4.6	5.4	8.7	5.8	6.8	6.3	5.0	6.2
WOLFPACK (PST-R5IK)	6.3	5.7	5.3	7.0	6.3	7.0	6.0	5.7	7.0	6.2	4.7	6.2	8.3	5.8	6.3	5.9	5.6	6.2
DP 7952	6.0	6.1	6.2	7.4	5.3	6.0	6.2	5.6	4.8	5.8	7.9	6.2	7.6	6.3	5.8	5.0	6.8	6.2
REBEL SENTRY (AA-A91)	5.8	5.3	5.1	7.1	7.7	7.0	5.2	6.2	6.7	6.3	4.3	5.1	8.5	5.6	7.1	6.3	5.8	6.2
RED COAT (ATF-038)	5.7	5.4	5.8	6.9	7.0	7.0	5.3	5.2	7.2	6.5	5.0	5.4	8.4	6.0	6.7	6.2	5.1	6.2
PEDESTAL (PC-AO)	5.8	6.3	5.3	6.9	7.0	6.3	5.6	5.9	7.0	6.8	5.4	5.2	8.3	5.7	6.4	5.8	5.1	6.2
COMSTOCK (SSDE31)	5.8	5.6	5.4	6.4	8.0	6.0	5.7	6.0	6.0	6.5	6.0	5.3	8.3	5.7	6.6	6.0	5.4	6.2
OLYMPIC GOLD (PST-5E5)	5.4	5.4	5.2	7.1	7.3	7.0	5.4	6.0	6.7	6.8	4.8	5.1	8.6	5.4	6.8	6.3	5.3	6.2
MILLENNIUM (TMI-RBR)	5.4	5.3	5.3	6.8	7.7	6.7	5.3	5.5	7.2	6.3	4.4	5.4	8.6	6.0	7.3	6.4	4.9	6.2
WPEZE (WVPB-1C)	5.8	5.6	5.3	6.7	8.0	6.7	5.6	5.7	5.7	6.8	5.3	5.4	8.4	5.8	6.5	6.1	5.3	6.2
ONCUE (PST-523)	5.4	5.9	5.6	7.1	7.0	6.7	5.3	5.6	6.5	6.0	5.4	5.6	8.3	6.1	6.4	6.0	5.6	6.1
WATCHDOG (PICK FA B-93)	5.7	5.4	5.3	6.8	7.7	7.0	4.9	5.1	7.2	6.8	4.3	5.8	8.4	6.0	6.6	6.2	5.2	6.1
MARKSMAN	6.0	5.6	5.6	7.2	7.7	6.3	5.4	5.3	6.8	5.7	5.8	5.1	8.2	5.3	6.5	5.8	5.9	6.1
PSII-TF-9	5.9	5.1	5.6	6.4	6.7	6.7	5.7	5.4	6.2	7.0	5.3	5.5	8.3	5.7	6.6	6.1	5.7	6.1
GLEN EAGLE (EC-101)	5.8	5.3	5.6	6.9	8.0	6.3	6.0	5.4	6.2	6.3	5.2	5.1	8.5	5.8	6.7	5.8	4.9	6.1
PIXIE E+	6.0	4.9	5.4	6.7	8.0	7.0	5.6	5.5	6.3	6.7	4.4	5.3	8.5	5.6	6.6	5.9	5.4	6.1
DYNASTY (PICK RT-95)	5.3	5.2	5.1	6.8	7.3	7.7	4.9	6.3	7.5	6.7	3.3	5.6	8.5	5.4	6.8	6.5	4.8	6.1
DUSTER	5.8	5.4	5.1	6.8	7.7	7.3	4.9	5.8	7.0	6.5	4.2	5.2	8.3	5.7	6.7	5.9	5.3	6.1
CROSSFIRE II	5.8	5.4	5.3	7.0	7.0	7.3	5.2	5.8	7.2	6.5	3.8	5.3	8.5	5.8	6.7	6.0	5.1	6.1
FINELAWN PETITE	5.4	5.1	5.7	6.4	7.7	7.0	4.9	5.6	6.3	6.5	4.9	5.3	8.4	6.3	6.5	5.9	5.4	6.1
RESERVE (ATF-182)	5.4	5.3	5.5	6.9	7.0	7.0	5.0	5.3	6.7	6.7	5.1	5.3	8.3	6.0	6.9	5.8	5.4	6.1
MUSTANG II	5.3	5.7	5.5	7.1	6.0	6.7	5.7	5.8	6.5	7.0	4.6	5.3	8.3	6.2	6.3	5.8	5.7	6.1
REGIMENT	5.9	5.3	5.4	6.7	6.0	7.0	5.3	5.5	6.3	6.8	6.1	5.8	8.0	5.7	6.6	5.8	5.1	6.1
FALCON III (MB 212)	5.6	5.6	5.3	6.7	7.3	6.3	5.0	5.6	7.5	6.7	4.4	5.1	8.5	5.6	6.8	6.2	5.2	6.1
SHENANDOAH II (WRS2)	5.6	5.7	5.4	6.8	7.0	6.3	5.2	5.7	7.2	6.0	4.1	5.5	8.6	5.9	6.8	6.5	5.0	6.1
SCORPIO (ZPS-2PTF)	5.3	5.6	5.2	7.1	7.7	7.3	4.8	6.3	6.8	6.3	4.1	4.7	8.5	5.9	6.8	6.0	4.8	6.1
OFI-FWY	5.5	5.3	5.3	6.8	6.7	6.3	5.0	6.2	6.8	6.8	4.8	4.8	8.6	6.1	6.6	6.2	5.4	6.1
DLF-1	5.9	5.9	5.4	7.3	6.0	6.0	5.9	5.3	5.5	5.5	7.3	5.9	8.1	5.8	5.9	5.3	6.1	6.1
COYOTE	5.8	5.2	4.8	6.4	8.0	7.3	5.0	5.8	7.2	7.2	3.0	4.8	8.8	5.7	7.0	5.9	5.2	6.1
HELIX (WVPB-1D)	5.8	5.6	5.0	6.9	7.3	6.0	5.3	5.1	6.5	7.2	5.4	5.3	8.3	5.4	6.5	5.8	5.6	6.1
CORONADO	5.3	5.8	5.3	6.6	7.3	6.0	5.1	6.3	7.0	6.7	4.6	5.3	8.6	5.7	6.3	6.2	5.1	6.1
OFI-96-32	5.2	5.2	4.8	7.0	7.3	6.7	5.3	6.3	6.0	7.2	5.1	5.2	8.4	5.4	6.8	5.9	5.2	6.1

TABLE 26. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	IA1	IL1	IN1	KS2	KY1	MD1	MI1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	VA1	VA4	WA1	MEAN
WVPB-1B	5.2	5.3	5.7	7.1	6.7	6.3	5.0	5.6	6.2	6.8	5.3	5.6	8.3	5.9	6.4	6.0	5.6	6.1
ISI-TF9	5.7	5.8	5.6	6.8	6.7	6.3	5.1	6.2	6.5	6.2	4.9	5.2	8.3	5.9	6.6	6.0	5.3	6.1
PST-5TO	5.3	5.7	5.7	6.8	7.0	7.0	5.4	5.7	6.8	6.2	4.7	5.5	8.4	5.2	6.5	6.0	5.0	6.0
AIRLIE (MB 210)	5.3	5.1	5.2	6.8	7.3	6.7	5.3	6.2	6.8	6.3	4.9	5.2	8.5	5.3	6.8	6.1	5.0	6.0
SOUTHERN CHOICE	5.7	4.9	5.3	7.0	6.7	6.7	5.4	5.8	7.5	6.5	4.0	5.5	8.5	5.1	6.8	5.8	5.6	6.0
BRAVO (RG-93)	5.8	4.9	5.5	7.2	6.7	6.3	4.9	5.5	7.2	6.7	4.9	5.3	8.6	5.7	6.4	6.1	5.1	6.0
BONSAI 2000 (BULLET)	5.6	5.9	5.6	7.0	5.3	7.0	5.0	5.5	6.5	7.0	5.3	5.4	8.4	5.8	6.5	5.8	5.0	6.0
MB 216	6.2	5.1	5.1	6.4	8.0	6.3	5.3	5.8	7.0	6.3	4.6	4.0	8.7	5.4	6.9	6.2	5.3	6.0
SR 8210	5.5	5.0	5.7	6.7	7.3	6.3	5.8	5.4	6.8	6.5	4.7	4.9	8.4	5.7	6.8	5.8	5.1	6.0
BARRERA (BAR FA6 US3)	5.3	5.6	5.0	6.6	6.7	6.3	4.7	5.9	7.0	6.8	4.0	4.8	8.7	6.2	7.0	6.8	5.1	6.0
TF 66 (BAR FA6 US6F)	5.6	5.2	5.3	7.2	7.0	6.7	5.3	5.2	7.0	6.3	5.1	4.7	8.7	5.6	6.6	6.2	4.9	6.0
RENEGADE	6.0	5.1	5.3	6.8	8.0	6.0	5.4	5.6	6.2	6.5	5.0	5.2	8.5	5.7	6.3	5.8	5.2	6.0
BAR FA 6D	5.2	5.3	5.4	7.0	6.0	6.7	5.7	5.8	6.7	6.7	4.8	5.2	8.3	5.6	6.7	6.2	5.1	6.0
JTTFC-96	6.1	5.8	5.8	7.1	5.7	6.3	6.1	4.5	5.7	6.0	6.0	5.5	8.1	6.2	6.3	5.1	6.0	6.0
DURANA (MB 211)	5.4	5.4	5.2	6.9	7.0	6.7	5.6	5.9	6.8	6.3	3.4	4.3	8.7	5.6	7.2	6.4	5.3	6.0
OFI-931	5.3	5.4	5.2	6.2	7.3	7.0	4.4	5.5	6.8	6.7	4.3	5.3	8.3	5.8	6.8	5.9	5.4	6.0
GAZELLE	6.0	5.2	5.2	6.6	7.0	6.3	5.0	5.9	7.3	6.3	3.3	5.1	8.8	5.7	6.4	6.3	5.2	6.0
GOOD-EN (KOOS 96-14)	5.6	5.7	5.0	6.7	7.0	7.0	5.1	5.0	6.0	7.2	4.2	5.3	8.3	5.6	6.8	5.8	5.3	6.0
BAR FA6 US2U	5.4	5.2	5.1	6.6	6.7	6.3	5.1	5.3	6.8	6.3	4.9	4.7	8.6	5.6	7.1	6.5	5.3	6.0
TRACER (BAR FA6 US1)	5.3	5.0	5.1	6.4	7.3	6.3	5.2	5.6	7.2	6.7	4.2	4.7	8.8	5.4	6.7	6.4	5.2	6.0
ATF-022	5.8	5.3	4.4	6.6	7.0	6.3	5.1	5.5	7.0	6.7	5.1	5.6	8.2	5.4	6.4	5.8	5.2	6.0
TITAN 2	5.8	4.8	5.3	6.4	7.3	6.7	5.4	5.0	5.7	6.2	5.8	5.3	8.2	5.2	6.2	5.5	6.4	6.0
EMPRESS	5.9	5.3	5.4	6.6	6.7	6.3	5.1	5.9	7.2	6.2	3.8	4.8	8.5	5.8	6.7	5.9	5.1	6.0
DOMINION (PST-5M5)	5.9	5.0	4.7	6.8	6.7	7.0	5.3	5.3	6.8	7.0	3.7	4.8	8.6	5.6	6.7	5.9	5.3	5.9
MB 28	5.5	5.0	4.7	6.6	8.3	6.7	5.0	5.4	6.7	6.5	4.1	4.4	8.8	5.0	7.0	6.5	5.0	5.9
MB 29	5.6	5.3	4.8	6.6	7.7	6.0	5.1	5.8	7.0	6.7	3.8	4.0	8.8	5.2	6.9	6.4	5.4	5.9
OFI-96-31	5.3	5.1	4.9	7.2	7.0	6.3	5.1	5.0	7.0	6.2	4.4	4.6	8.4	5.7	6.9	6.3	5.4	5.9
MB 215	5.6	5.1	5.0	6.4	8.3	6.3	5.0	5.4	7.0	6.3	4.1	3.9	8.6	5.4	6.8	6.4	5.1	5.9
BANDANA (PST-R5AE)	5.6	5.3	5.2	6.8	6.0	7.0	5.6	5.5	6.7	6.5	3.9	4.9	8.5	5.3	6.6	6.2	5.4	5.9
OFI-951	5.5	5.4	4.9	6.6	6.3	6.3	5.3	5.9	7.0	6.8	3.9	4.7	8.6	5.8	6.7	6.6	4.6	5.9
PSII-TF-10	6.0	4.8	5.3	6.3	7.3	6.3	5.1	5.3	6.2	6.7	4.2	4.8	8.4	5.4	6.9	6.0	5.8	5.9
BRANDY (J-101)	5.6	5.1	4.5	6.8	8.3	7.0	5.0	5.3	6.7	6.3	3.6	4.3	8.5	5.2	7.1	6.6	4.9	5.9
JSC-1	5.6	5.2	5.2	6.8	7.0	6.7	5.1	5.4	5.8	6.5	5.4	4.7	8.2	5.6	6.3	5.8	5.7	5.9
SUNPRO	5.6	5.3	5.2	6.7	7.0	7.0	5.0	5.2	7.0	6.8	3.8	4.5	8.6	5.6	6.5	6.1	4.8	5.9
LEPRECHAUN	5.6	5.8	5.3	6.7	6.7	6.0	5.1	5.5	6.5	6.5	4.7	4.8	8.3	5.4	6.5	6.0	5.2	5.9
DP 50-9011	5.5	5.0	5.6	6.8	6.0	6.0	5.8	5.1	6.3	6.7	5.2	4.9	8.4	6.2	5.9	5.8	5.2	5.9
TAR HEEL	5.6	5.3	4.8	6.4	6.0	7.0	5.4	6.0	7.0	6.2	4.3	5.1	8.5	5.4	6.6	5.8	4.9	5.9
TULSA	5.1	5.2	5.1	6.6	6.7	6.7	5.3	5.2	7.0	6.2	5.1	5.4	8.3	5.3	6.7	5.8	4.8	5.9
MB 26	5.0	5.0	4.4	6.9	8.0	6.0	5.0	5.5	7.2	7.2	3.6	4.0	8.9	5.3	7.1	6.3	4.9	5.9
PICK FA 20-92	5.6	5.3	4.8	6.3	7.7	6.3	4.8	6.0	6.7	7.2	3.1	4.5	8.7	5.6	6.8	5.9	4.9	5.9
APACHE II	5.8	5.7	5.1	6.4	7.7	6.0	5.0	5.7	6.8	5.8	3.9	5.0	8.5	5.2	6.6	5.9	5.0	5.9
AZTEC II (TMI-AZ)	5.3	5.1	5.3	6.9	5.7	6.3	5.0	5.3	6.8	5.8	5.6	5.2	8.5	5.6	6.3	6.0	5.4	5.9
BULLDAWG (PICK GA-96)	5.5	5.4	5.3	6.6	6.7	6.7	5.1	5.1	6.7	6.3	4.3	4.6	8.5	5.4	6.4	6.5	5.0	5.9
TOMAHAWK-E	5.5	5.1	4.8	6.8	7.0	6.7	5.1	5.6	6.3	6.3	4.3	4.3	8.5	5.2	6.9	6.0	5.6	5.9
ARID 3 (J-98)	5.3	5.0	4.7	6.4	7.7	6.7	4.8	5.8	7.5	7.0	3.0	4.3	8.5	4.9	6.8	6.7	5.0	5.9

TABLE 26. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
 1997-2000 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IL1	IN1	KS2	KY1	MD1	MI1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	VA1	VA4	WA1	MEAN
KENTUCKY-31 W/ENDO.	5.8	7.0	5.0	7.0	5.0	5.7	7.6	3.9	3.5	5.7	8.7	6.1	7.1	5.6	5.3	4.1	7.0	5.9
ATF-020	5.0	5.1	4.3	6.9	7.0	7.0	5.0	5.7	6.2	5.8	5.0	5.3	8.3	5.1	6.8	6.1	5.3	5.9
ANTHEM II (TMI-FMN)	5.5	5.3	4.8	6.8	5.0	6.7	5.3	5.8	7.2	5.7	5.1	5.2	8.5	5.6	6.7	6.0	4.7	5.9
SRX 8084	5.7	4.9	4.9	6.2	7.0	6.7	5.8	4.9	6.2	6.8	4.6	4.8	8.3	5.6	6.3	5.7	5.4	5.9
CORONADO GOLD (PST-5RT)	5.4	5.4	5.2	6.8	6.7	6.0	5.1	5.2	6.3	6.8	3.8	5.0	8.6	5.4	6.7	5.9	5.3	5.9
ARID II (J-3)	5.3	5.6	4.4	7.1	7.7	6.0	5.2	5.6	6.7	6.5	3.7	4.5	8.5	4.9	6.8	6.3	4.9	5.9
BARLEXAS II (BAR FA 6LV)	5.3	5.4	5.0	6.8	6.0	6.3	5.0	5.4	6.5	6.7	4.8	4.4	8.6	5.6	6.8	6.1	4.9	5.9
WYATT (ATF-188)	5.3	5.2	4.9	6.8	6.3	6.7	5.5	5.3	7.2	6.3	4.2	4.8	8.3	5.7	6.6	5.8	4.4	5.9
PRO 8430	5.4	5.2	5.5	6.7	7.7	6.3	5.0	5.3	6.3	6.3	3.4	4.8	8.3	5.9	6.5	5.5	5.2	5.8
PICK FA XK-95	5.7	5.3	4.9	6.8	6.0	6.3	5.0	5.1	7.2	6.7	4.2	4.4	8.8	5.7	6.7	6.1	4.7	5.8
REBEL 2000 (AA-989)	5.3	5.6	4.9	6.8	7.0	6.7	4.8	5.7	6.8	6.0	3.6	4.0	8.6	5.4	6.9	6.3	5.2	5.8
MB 214	5.3	5.2	4.4	6.3	7.7	6.3	4.8	5.3	7.0	6.5	3.7	4.8	8.8	4.9	7.0	6.5	4.6	5.8
ARIZONA (PICK FA 6-91)	5.3	5.1	4.8	6.7	7.0	6.7	5.0	5.3	6.8	6.8	3.1	3.8	8.8	5.1	7.3	6.2	5.2	5.8
BARRINGTON (BAR FA6D USA)	5.3	5.0	4.6	6.7	6.3	6.7	5.1	5.4	6.7	6.3	3.9	4.1	8.8	6.0	7.2	6.3	4.9	5.8
VELOCITY (AA-983)	5.5	4.9	4.5	6.6	7.3	6.0	5.2	5.5	7.0	6.7	3.9	4.1	8.6	5.2	6.8	6.3	5.0	5.8
AV-1	5.5	5.4	5.0	7.4	5.7	6.3	5.4	5.1	5.3	6.3	6.2	4.8	8.1	5.6	5.8	5.2	5.8	5.8
EQUINOX (TMI-N91)	5.6	5.2	4.9	6.7	6.3	5.7	5.3	5.4	6.0	6.2	4.8	5.3	8.3	5.6	6.6	5.8	5.3	5.8
ATF-257	5.3	4.9	4.8	6.7	5.3	6.7	5.1	6.0	6.5	6.3	4.6	5.4	8.3	5.2	6.6	5.8	5.2	5.8
ISI-TF10	5.4	5.2	5.3	7.1	5.7	6.0	5.2	5.3	6.7	6.2	4.2	4.5	8.6	5.7	6.5	6.1	5.2	5.8
WILDFIRE (ATF-196)	5.8	5.3	4.3	6.4	7.3	6.3	4.9	5.1	7.0	6.3	4.7	5.0	8.3	5.1	6.3	5.6	4.9	5.8
R5AU	5.3	5.3	4.8	6.9	4.7	7.0	5.2	5.6	6.5	6.3	4.9	5.1	8.4	5.3	6.3	6.1	5.0	5.8
ZANZIBAR (ZPS-5LZ)	5.6	5.1	4.4	6.8	7.3	6.7	5.0	5.8	6.7	6.0	3.3	3.9	8.2	5.4	6.8	6.3	5.2	5.8
KITTY HAWK S.S.T. (SS45DW)	5.4	5.1	4.9	6.6	6.0	6.3	5.2	5.3	6.3	6.8	4.4	5.0	8.3	5.1	6.3	5.9	5.3	5.8
ISI-TF11	5.7	5.1	5.1	6.2	6.7	6.7	4.9	5.3	6.7	6.7	3.7	4.3	8.4	5.6	6.5	6.1	4.9	5.8
ATF-253	5.1	5.1	4.4	6.9	6.7	6.7	4.8	5.3	6.7	6.2	4.4	4.7	8.3	5.3	6.8	5.6	5.3	5.8
PICK FA 15-92	5.3	5.4	5.2	6.3	5.7	6.3	5.4	6.2	6.8	6.7	3.8	4.3	8.7	5.1	6.5	6.0	4.4	5.8
MB 213	5.8	5.0	4.3	6.7	8.3	6.0	5.0	4.8	6.2	6.7	3.4	4.3	8.7	5.0	7.1	6.3	4.7	5.8
BONSAI	5.4	5.7	4.7	6.6	7.3	6.0	5.1	5.1	5.8	6.5	4.1	4.3	8.2	5.6	6.3	5.5	5.3	5.7
AXIOM (ATF-192)	5.1	5.7	4.7	6.7	6.3	7.0	5.1	5.3	5.8	6.5	3.7	4.7	8.3	5.6	6.6	5.6	4.8	5.7
COCHISE II	5.2	5.6	5.3	6.7	5.0	6.0	5.0	5.3	6.7	6.8	3.4	5.3	8.4	5.8	6.4	6.1	4.6	5.7
TWILIGHT II (TMI-TW)	5.3	4.7	4.3	6.8	5.7	6.3	5.1	5.4	6.5	7.2	3.7	4.2	8.5	5.3	7.2	6.2	5.0	5.7
SHORTSTOP II	5.7	5.0	4.6	6.7	6.0	6.3	4.8	5.3	6.8	6.3	4.0	4.3	8.4	5.2	6.7	6.1	4.7	5.7
SR 8500 (SRX 8500)	5.3	4.9	4.7	6.2	6.0	6.3	5.0	4.8	7.2	7.2	2.8	4.2	8.6	5.7	6.7	6.1	4.9	5.7
ARABIA (J-5)	5.7	5.1	4.3	6.2	7.0	6.0	4.8	5.4	6.7	6.7	2.6	4.2	8.8	5.3	6.6	6.3	4.6	5.7
LION	5.6	5.3	4.5	6.2	5.7	6.7	5.2	5.3	6.5	6.2	3.1	4.3	8.7	5.6	6.6	5.9	4.4	5.6
ALAMO E	5.4	4.9	4.3	6.7	6.7	6.0	4.9	5.4	6.8	6.3	3.3	4.1	8.5	5.1	6.4	5.9	4.2	5.6
PICK FA N-93	5.2	5.0	4.3	6.1	6.7	6.7	4.9	5.1	6.8	6.5	2.7	3.4	8.6	5.3	6.8	6.4	4.4	5.6
EA 41	5.0	4.8	4.3	6.6	5.0	6.7	4.7	5.5	6.2	6.2	3.9	4.0	8.4	5.4	6.9	5.8	4.7	5.5
PICK FA UT-93	5.4	5.1	4.4	6.8	4.3	6.0	4.6	5.6	6.7	7.0	3.2	3.6	8.8	5.2	6.6	6.3	4.4	5.5
WX3-275	5.3	4.7	4.2	6.4	6.0	6.0	5.0	5.0	6.0	6.2	2.9	3.2	8.5	4.9	6.5	5.6	4.9	5.4
LSD VALUE	1.0	1.5	0.7	1.0	1.0	0.8	2.2	1.1	1.0	1.2	1.1	0.7	0.6	0.6	0.7	0.6	0.8	0.3
C.V. (%)	21.3	30.4	16.5	15.6	9.4	7.7	44.5	24.2	13.6	15.8	26.3	18.1	8.4	11.0	12.7	12.0	15.5	18.8

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

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

TABLE 27.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	VA4	WA1	MEAN
GAZELLE	7.5	7.5	6.3	5.5	7.6	7.2	6.2	8.2	6.3	7.0	8.7	6.8	6.3	5.8	6.7	5.9	7.5	6.5	7.0	6.7	4.3	7.3	5.7	7.3	7.0	2.8	6.6
DYNASTY (PICK RT-95)	7.9	7.0	6.0	5.5	7.3	6.9	6.1	8.2	5.8	7.1	8.0	6.8	6.4	5.8	6.7	5.8	7.7	6.7	6.3	6.8	4.5	7.5	5.5	7.1	6.7	2.9	6.5
MASTERPIECE (LTP-SD-TF)	6.9	7.3	5.7	5.6	7.4	7.3	6.2	7.3	6.3	6.5	8.0	7.2	6.3	5.3	6.1	5.4	7.7	6.7	7.3	6.1	4.4	7.3	6.0	6.7	7.0	2.9	6.4
SCORPIO (ZPS-2PTF)	7.4	7.3	6.0	5.0	7.2	6.4	5.8	7.8	6.1	6.7	8.1	7.2	6.3	6.0	5.4	5.3	7.4	6.6	7.3	6.4	4.3	7.3	5.5	7.1	7.0	2.8	6.4
REMBRANDT (LTP-4026 E+)	8.0	7.3	5.7	5.3	7.2	6.3	6.2	7.8	6.3	7.1	8.0	6.8	6.2	5.5	5.6	6.1	7.6	6.6	6.0	6.3	4.5	7.4	5.7	7.0	6.0	3.0	6.4
BARLEXAS II (BAR FA 6LV)	7.6	7.2	6.0	4.5	7.4	6.7	5.8	6.7	6.0	7.2	8.4	6.3	6.2	5.7	5.7	5.6	7.3	6.8	7.7	5.5	4.8	7.4	5.7	6.8	7.7	2.8	6.4
BARRINGTON (BAR FA6D USA)	7.2	6.8	6.0	5.0	7.0	6.8	5.6	6.3	6.0	6.7	8.4	7.2	6.3	5.8	6.6	5.7	7.4	6.8	7.7	5.5	4.3	7.4	5.7	6.9	6.7	2.8	6.3
TRACER (BAR FA6 US1)	7.3	7.0	6.0	5.2	7.1	6.8	5.7	6.5	6.0	7.2	8.4	6.5	6.6	5.8	6.2	5.8	7.4	6.8	7.0	6.1	3.9	7.3	5.7	6.6	7.0	2.9	6.3
WILDFIRE (ATF-196)	7.4	7.0	6.3	5.2	7.4	7.0	5.6	7.0	5.5	6.4	6.7	6.5	6.3	5.7	7.1	5.8	7.3	6.8	7.3	6.5	4.3	7.2	5.5	6.3	7.0	2.9	6.3
BAR FA 6D	7.2	6.5	6.0	5.0	6.7	6.5	5.6	6.8	6.3	7.2	8.1	6.3	6.1	6.0	6.2	5.7	7.7	6.3	6.7	5.7	4.8	7.4	5.5	7.3	7.3	3.1	6.3
MB 26	7.8	6.8	6.0	5.2	6.7	6.3	5.5	7.6	5.8	6.8	8.1	6.5	6.6	5.7	5.3	5.7	7.3	6.4	5.3	5.8	4.6	7.3	6.5	7.1	7.3	3.0	6.3
MILLENNIUM (TMI-RBR)	7.4	6.8	6.0	6.0	6.5	6.3	6.0	7.1	6.1	6.9	8.4	6.5	6.3	5.5	5.7	5.6	7.5	6.2	6.7	6.2	4.2	7.2	5.5	6.8	6.7	2.4	6.2
CU9502T	6.3	7.2	6.3	5.3	7.1	6.8	5.7	6.1	6.2	6.7	8.1	6.7	6.2	5.8	5.8	5.2	7.5	6.4	7.0	5.8	4.2	7.3	5.3	7.3	6.7	3.0	6.2
BONSAI 2000 (BULLET)	6.0	7.3	6.3	5.2	6.3	6.0	5.8	7.3	6.2	6.7	8.1	6.7	6.0	6.0	5.8	5.4	7.5	6.9	6.3	6.5	4.0	7.4	5.5	6.8	7.0	2.7	6.2
COYOTE	7.7	6.8	6.0	5.8	6.8	6.6	5.7	7.2	5.8	6.8	7.9	6.3	6.2	5.3	6.1	5.8	7.3	6.7	6.0	5.8	4.4	7.3	5.5	6.9	6.3	2.7	6.2
PLANTATION (PENNINGTON-1901)	7.6	6.9	6.0	5.8	7.3	5.8	5.7	6.8	5.8	6.8	7.6	6.7	6.0	5.7	5.4	5.7	7.5	6.6	6.7	6.1	4.0	7.4	5.5	6.8	6.7	2.7	6.2
BULLDAWG (PICK GA-96)	7.6	6.9	6.0	4.7	7.2	6.5	5.7	6.6	6.1	6.5	8.1	6.5	6.6	5.5	6.1	5.4	7.1	6.4	6.3	5.8	3.9	7.4	5.5	6.8	7.3	2.8	6.2
JAGUAR 3	6.4	7.1	6.0	6.2	7.1	6.3	5.4	7.6	6.0	6.3	8.3	6.8	6.4	5.3	5.8	5.8	7.3	6.8	5.0	6.2	4.1	7.2	5.5	7.3	6.3	2.6	6.2
PICK FA XK-95	7.5	7.0	6.0	5.5	6.2	6.4	5.6	5.8	5.9	6.4	7.9	6.3	6.2	5.5	6.7	5.3	7.1	6.7	6.3	6.6	4.0	7.4	6.0	6.9	7.0	2.9	6.2
BARRERA (BAR FA6 US3)	7.4	7.0	6.0	4.8	6.6	6.3	5.8	6.3	6.0	6.7	8.6	6.7	6.2	6.0	5.8	5.4	7.6	6.2	6.3	5.8	4.2	7.4	5.8	6.7	6.3	3.1	6.2
ZANZIBAR (ZPS-5LZ)	7.5	6.7	6.0	5.0	7.1	6.3	5.8	6.7	5.7	6.8	8.1	6.5	6.6	5.7	6.2	5.8	7.2	6.3	5.3	5.3	4.5	7.2	5.8	6.6	7.0	2.6	6.2
SR 8500 (SRX 8500)	7.1	6.8	6.0	5.2	6.7	6.4	5.7	6.9	6.2	6.8	8.0	6.3	6.4	5.2	6.3	5.7	7.3	7.1	5.3	5.8	3.7	7.4	5.7	6.8	6.7	2.6	6.2
SHENANDOAH II (WRS2)	6.2	6.8	6.0	5.5	7.2	6.3	5.9	7.5	5.8	6.5	7.7	6.5	6.4	5.2	6.2	5.8	7.4	6.8	5.7	5.8	3.9	7.3	5.5	6.3	7.0	2.8	6.1
WATCHDOG (PICK FA B-93)	6.8	6.8	6.0	5.2	6.8	6.0	5.6	6.7	6.3	6.7	7.6	6.5	6.0	5.3	6.1	5.9	7.3	6.5	7.3	6.6	4.3	7.3	5.5	6.4	6.0	2.7	6.1
WYATT (ATF-188)	5.8	6.8	5.7	5.5	7.1	6.3	5.8	6.2	6.3	6.2	7.8	6.3	6.2	5.5	5.5	5.6	7.7	6.8	6.7	6.3	4.6	7.4	5.5	6.6	6.7	3.0	6.1
EMPRESS	6.8	6.8	5.3	5.8	7.5	6.2	5.9	6.4	5.9	6.6	8.1	6.5	6.4	5.3	6.0	5.6	7.3	6.3	6.3	5.7	4.3	7.3	6.0	6.6	6.0	2.6	6.1
SUNPRO	8.0	6.7	6.0	5.2	6.4	6.6	5.7	6.4	5.7	6.3	8.0	6.5	6.2	5.5	5.6	5.7	7.1	6.5	6.3	5.3	4.2	7.6	5.5	6.8	7.0	2.7	6.1
PICK FA 15-92	7.0	6.6	6.0	5.0	7.4	6.6	5.7	6.8	5.7	6.5	7.4	6.0	6.1	5.7	6.2	5.7	7.3	6.4	6.7	5.4	4.0	7.2	5.7	6.9	7.0	2.3	6.1
SHORTSTOP II	6.8	6.9	6.0	5.0	6.6	6.7	5.8	5.9	5.5	6.8	7.9	6.2	6.1	5.7	6.3	5.8	7.2	6.8	5.7	5.6	4.2	7.3	5.7	6.8	7.3	2.8	6.1
FALCON III (MB 212)	6.5	7.1	5.7	5.2	7.0	6.6	5.6	6.8	5.8	6.6	8.0	6.3	6.2	5.7	6.0	5.7	7.3	6.4	5.7	5.3	3.9	7.3	5.7	7.3	6.7	2.8	6.1
AZTEC II (TMI-AZ)	6.9	7.4	6.0	5.7	6.2	6.3	5.8	6.7	5.9	6.8	7.7	5.7	6.1	5.7	5.6	5.4	7.2	6.3	6.0	5.8	4.1	7.3	5.7	6.8	6.7	3.0	6.1
OFI-951	7.0	6.8	6.0	5.2	6.4	6.7	5.9	6.7	5.9	6.8	7.1	6.3	6.1	5.5	5.8	5.6	7.3	6.4	7.0	5.3	4.1	7.1	5.7	6.5	7.0	2.8	6.1
CROSSFIRE II	6.6	7.0	6.3	5.8	7.7	6.2	5.8	6.9	5.8	6.2	7.6	6.8	6.2	5.5	5.8	5.2	7.5	6.6	5.7	5.5	3.9	7.3	5.5	6.6	6.3	2.4	6.1
TULSA	6.4	6.8	6.3	4.8	6.5	6.5	5.6	6.9	5.8	6.7	7.1	6.3	6.3	5.3	6.4	5.4	7.5	6.4	6.7	5.8	4.2	7.2	5.7	6.8	6.3	2.9	6.1
ANTHEM II (TMI-FMN)	6.8	7.3	6.3	5.7	6.3	6.3	5.8	7.4	5.3	6.7	7.0	6.3	6.1	5.5	5.5	5.8	7.1	6.4	4.7	6.1	4.3	7.3	5.5	7.1	7.0	3.0	6.1
PICK FA 20-92	6.2	6.3	6.0	5.4	6.3	6.3	5.2	6.2	6.3	6.8	7.3	6.2	6.6	5.7	5.6	5.8	7.6	6.3	6.7	6.2	3.8	7.3	6.2	6.5	7.0	2.9	6.1
SR 8210	6.2	6.5	6.0	5.8	6.4	5.9	5.6	6.2	6.0	6.5	7.7	6.7	6.3	5.5	7.0	5.7	7.4	6.5	5.7	6.1	4.3	7.1	5.5	6.3	6.7	2.4	6.1
ARID 3 (J-98)	7.3	6.6	5.7	5.3	6.8	6.5	5.6	6.5	5.8	6.8	7.4	6.7	6.1	5.0	6.0	5.7	7.2	6.3	5.0	5.3	4.3	7.5	5.7	6.8	7.3	2.9	6.1
BRANDY (J-101)	7.0	6.8	6.0	5.3	6.8	6.5	5.3	6.5	5.6	6.8	7.2	6.5	6.4	5.5	5.5	6.0	7.1	6.8	5.3	5.6	4.1	7.3	5.7	6.8	7.0	2.6	6.1
OFI-931	6.9	6.3	6.0	5.3	6.8	6.2	5.8	6.2	6.0	6.7	8.0	6.5	6.2	5.5	6.2	5.8	7.1	6.3	5.0	5.2	4.0	7.2	6.0	7.1	7.0	2.6	6.1
REBEL SENTRY (AA-A91)	6.0	6.6	5.3	6.0	6.6	6.4	5.7	6.5	6.0	6.3	7.0	6.7	6.4	5.8	6.5	5.8	7.3	6.7	6.3	5.5	4.1	7.1	5.7	6.2	6.5	2.3	6.0
MUSTANG II	7.1	6.8	6.0	5.2	7.1	6.3	5.8	7.7	5.7	6.5	7.2	6.3	6.2	4.7	5.5	5.6	7.8	7.0	5.0	5.1	4.2	7.6	5.5	6.4	6.7	2.4	6.0
OFI-FWY	7.0	6.3	6.0	5.3	6.2	6.1	5.3	6.1	5.9	6.5	7.4	6.0	6.3	5.0	6.0	6.1	7.3	7.0	6.0	5.3	3.8	7.1	5.5	7.1	7.0	2.8	6.0
ONCUE (PST-523)	6.8	6.8	6.0	5.8	6.7	6.1	5.9	6.7	6.1	6.3	7.8	6.3	6.3	5.2	5.8	5.7	7.3	5.8	5.7	5.7	4.0	7.3	5.7	6.8	5.7	2.4	6.0

TABLE 27. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	VA4	WA1	MEAN
PICK FA UT-93	6.6	6.5	5.7	4.8	6.1	6.9	4.8	5.3	6.0	6.7	7.0	5.8	6.0	6.2	6.3	5.7	7.3	6.8	6.7	5.4	4.5	7.3	5.7	6.6	7.0	2.6	6.0
REGIMENT	6.7	6.4	6.0	5.3	6.1	6.1	5.5	6.5	5.8	6.8	6.9	6.5	6.4	5.5	5.5	5.0	7.2	6.8	6.3	5.3	3.8	7.0	5.8	6.8	7.0	2.7	6.0
RED COAT (ATF-038)	6.7	7.1	6.0	5.7	6.3	5.7	5.3	6.9	6.4	6.3	7.7	6.8	6.6	5.3	5.8	5.7	6.8	6.7	5.0	4.6	4.2	7.0	5.7	6.9	6.3	2.4	6.0
COCHISE II	7.1	6.3	6.0	5.0	6.9	6.4	5.7	6.2	5.7	6.3	7.0	6.3	6.2	5.3	5.8	6.0	7.1	6.4	5.0	5.5	4.3	7.3	5.5	6.8	7.0	2.7	6.0
APACHE II	7.2	6.6	6.3	5.8	7.4	6.0	5.4	5.4	5.5	6.3	7.6	6.3	6.1	5.3	5.1	5.7	7.2	6.8	5.0	5.7	4.0	7.2	5.7	6.3	7.0	2.2	6.0
BAR FA6 US2U	7.0	6.5	5.3	5.5	7.0	6.9	5.7	6.3	5.8	6.9	7.7	6.3	6.2	5.7	5.3	5.4	7.0	6.3	5.0	4.7	3.8	7.3	5.7	6.3	7.0	2.6	6.0
OPI-96-31	5.8	6.5	6.0	5.2	6.3	6.1	5.8	5.9	5.8	6.3	7.6	6.2	6.2	5.3	6.1	5.6	7.3	6.4	5.7	5.3	3.9	7.1	5.5	7.3	7.0	2.6	6.0
BANDANA (PST-R5AE)	5.8	7.0	5.7	5.2	6.9	6.6	5.3	6.4	5.5	6.5	7.3	6.7	6.3	5.2	5.8	5.8	7.2	6.7	5.3	5.4	3.9	7.3	5.5	6.6	6.3	2.4	5.9
OLYMPIC GOLD (PST-5E5)	6.3	6.6	6.0	5.7	7.4	6.0	5.3	6.3	5.7	6.4	7.7	6.3	6.2	5.2	5.9	5.6	7.3	6.5	4.7	6.1	3.5	7.2	5.7	6.7	6.0	2.4	5.9
CORONADO	6.5	6.5	5.7	5.8	6.9	6.8	5.7	6.0	5.6	6.6	7.0	6.2	6.2	5.5	5.8	5.3	7.0	6.2	5.0	5.4	4.0	7.3	5.7	6.8	6.3	2.7	5.9
ATF-257	6.4	6.8	6.3	5.7	6.4	5.4	5.6	7.2	5.7	6.0	7.3	6.5	6.1	5.3	5.8	5.9	6.8	6.5	5.3	5.8	4.0	7.2	5.5	6.7	5.7	2.4	5.9
EA 41	6.2	6.8	5.7	5.2	5.8	6.4	5.7	6.0	5.6	6.6	7.3	6.3	6.1	5.5	6.0	5.9	7.0	6.0	5.0	5.0	4.6	7.2	5.5	6.5	7.3	3.0	5.9
DP 50-9011	6.3	6.6	6.3	4.7	6.0	6.3	5.2	6.0	5.8	6.3	7.1	7.0	5.9	5.3	6.8	5.6	7.2	6.4	5.7	4.8	4.1	7.4	5.3	7.2	6.3	2.8	5.9
RESERVE (ATF-182)	7.2	6.9	6.0	5.8	6.5	6.1	5.3	6.6	5.6	6.4	7.0	6.5	6.2	4.7	5.6	5.4	7.3	6.6	4.7	5.2	4.1	7.3	5.7	6.7	6.3	2.4	5.9
ARABIA (J-5)	6.0	6.7	5.7	5.0	6.1	6.2	5.5	6.8	5.6	6.6	7.6	6.3	6.1	5.3	5.8	6.1	7.2	6.4	5.0	4.9	3.9	7.3	5.7	6.3	7.3	2.4	5.9
PST-5TO	6.4	7.2	5.7	5.2	6.9	6.5	5.3	5.6	5.6	6.4	7.2	6.3	6.3	4.8	6.3	5.3	7.3	6.8	6.0	5.8	3.7	7.0	5.7	6.1	6.3	2.1	5.9
R5AU	6.4	6.5	6.0	5.3	7.0	6.3	5.4	7.0	5.7	6.3	6.8	6.7	6.3	5.7	5.7	5.4	7.3	6.3	5.7	4.9	3.7	7.2	5.5	6.5	6.0	2.3	5.9
PICK FA N-93	5.8	6.7	6.0	5.5	6.3	6.4	5.7	6.0	5.8	6.8	7.7	6.3	6.1	5.5	6.2	5.7	6.9	6.4	4.7	5.2	3.7	7.3	6.0	6.1	6.3	2.6	5.9
WOLFPACK (PST-R5TK)	5.8	7.2	6.0	5.5	6.6	6.1	5.8	6.7	5.8	5.9	7.8	6.7	6.2	5.2	5.1	5.7	7.3	7.0	4.3	5.8	3.6	7.3	5.7	6.3	5.7	2.4	5.9
TF 66 (BAR FA6 US6F)	6.3	6.3	6.0	5.3	6.7	5.8	5.3	6.4	5.6	6.9	7.7	6.2	5.9	5.5	5.8	5.2	7.1	6.2	6.0	4.9	4.0	7.0	5.7	6.2	6.7	2.6	5.9
WX3-275	5.9	6.3	6.0	5.5	6.6	6.5	5.9	6.2	5.4	6.2	7.0	6.3	6.2	5.3	5.6	5.6	7.2	6.7	4.3	5.3	3.9	7.1	5.5	7.1	7.0	2.3	5.9
DUSTER	6.3	6.3	5.7	5.3	6.4	5.8	5.6	6.0	5.8	6.5	7.2	6.3	6.3	5.5	5.0	5.3	7.0	6.8	6.0	5.0	4.0	7.3	5.7	6.3	6.7	2.7	5.9
PRO 8430	6.0	6.6	6.0	5.5	7.0	6.3	5.7	6.7	5.8	6.2	7.4	6.3	6.0	5.2	5.6	5.8	7.2	6.1	4.3	5.7	4.0	7.3	5.5	6.3	6.0	2.3	5.9
DURANA (MB 211)	5.8	6.3	5.7	5.3	6.4	6.3	5.5	6.3	5.7	6.4	7.6	6.0	6.3	5.5	5.9	5.9	7.2	6.3	5.0	4.7	3.7	7.0	5.8	6.8	6.7	2.6	5.9
MB 29	6.5	6.1	5.3	5.2	6.5	5.9	5.8	6.0	5.6	7.1	8.0	6.2	6.2	5.2	6.0	5.4	6.9	6.3	4.3	4.8	3.7	7.1	6.0	6.4	6.7	2.9	5.8
MB 213	6.3	6.0	5.7	5.7	6.5	6.4	5.4	6.2	5.0	6.5	7.3	5.8	6.0	5.8	6.3	5.7	6.9	6.5	5.7	4.5	3.7	7.1	5.7	7.0	5.7	2.6	5.8
SOUTHERN CHOICE	6.3	6.6	6.0	4.8	6.7	6.1	5.3	6.3	5.8	6.3	6.9	6.2	6.0	5.5	5.3	5.6	7.1	6.7	5.0	5.5	4.0	7.3	5.5	6.4	6.3	2.3	5.8
ARIZONA (PICK FA 6-91)	6.3	6.3	5.3	4.3	6.6	6.3	5.8	6.1	5.4	6.9	6.8	6.2	5.4	6.2	5.8	5.7	7.1	6.4	4.7	5.0	4.1	7.3	5.7	6.9	6.3	3.0	5.8
TAR HEEL	6.8	6.5	6.0	5.2	7.1	6.4	5.2	5.8	5.5	6.1	7.3	6.0	5.9	4.8	5.4	5.8	7.1	6.7	4.3	5.8	3.8	7.1	5.7	6.3	6.7	2.3	5.8
ALAMO E	6.3	6.7	5.7	5.5	6.3	5.8	5.2	6.0	5.6	6.4	6.6	6.2	6.0	5.2	5.2	5.6	7.3	6.5	5.0	6.1	4.1	7.1	5.5	6.2	6.7	2.9	5.8
ATF-022	6.6	6.2	5.3	5.3	6.8	6.0	5.3	6.6	5.3	6.3	7.0	6.2	6.3	5.2	5.5	5.9	7.2	6.2	4.7	5.5	3.9	7.0	5.5	6.8	6.3	2.4	5.8
CU9501T	6.0	6.7	6.0	4.8	6.8	5.8	5.5	6.0	5.4	6.2	7.3	6.2	6.0	5.0	5.2	5.3	7.6	6.5	5.7	5.3	3.8	7.1	5.7	6.1	6.3	2.7	5.8
CORONADO GOLD (PST-SRT)	5.7	6.3	6.0	5.5	7.1	6.3	5.4	5.6	5.8	6.4	7.1	6.0	6.2	5.5	5.8	5.2	7.1	6.0	4.7	5.2	3.8	6.9	5.7	6.0	7.0	2.7	5.8
BRAVO (RG-93)	6.3	6.6	5.7	5.7	6.6	6.0	5.1	5.8	5.5	6.3	6.8	6.3	6.7	5.5	5.9	5.6	6.9	6.1	5.0	4.6	4.0	6.9	5.5	6.3	6.7	2.3	5.8
MB 214	6.0	6.6	6.0	5.0	6.1	6.2	5.8	6.4	5.3	6.6	7.0	6.3	6.1	5.7	5.0	5.9	7.2	6.3	4.7	4.3	4.0	6.8	5.8	6.8	6.3	2.3	5.8
TOMAHAWK-E	6.2	6.1	5.7	5.8	6.0	6.2	5.6	5.8	5.5	6.6	7.3	6.5	6.4	4.7	5.8	5.3	7.2	6.3	5.0	4.4	3.7	7.1	5.5	6.5	7.0	2.6	5.8
DOMINION (PST-5M5)	6.3	6.3	6.0	5.3	7.0	5.8	5.5	6.6	5.3	6.2	7.0	6.2	6.2	4.5	6.0	5.4	7.3	6.5	5.0	4.8	4.0	7.1	5.5	6.0	6.3	2.2	5.8
ISL-TF9	5.5	6.6	5.7	5.7	6.5	5.9	5.3	6.3	5.4	6.1	7.4	6.0	6.3	4.8	5.8	5.8	6.8	6.5	5.0	5.3	3.8	7.1	5.5	6.8	6.0	2.3	5.8
AIRLIE (MB 210)	5.6	6.4	5.7	5.5	6.4	6.5	5.3	6.0	5.3	6.5	7.1	5.8	6.0	4.8	5.3	5.9	6.9	6.3	5.3	5.1	4.0	7.0	6.0	6.2	7.0	2.1	5.8
ATF-020	6.0	6.6	6.0	5.2	6.2	5.8	5.2	6.7	5.3	6.2	6.7	6.2	6.0	5.3	5.9	5.6	7.2	5.8	3.3	6.0	3.8	7.1	5.7	6.3	6.7	2.4	5.7
VELOCITY (AA-983)	6.0	6.3	6.0	5.3	6.6	6.3	5.4	5.4	5.3	6.3	6.6	6.0	6.3	5.0	5.9	5.4	7.3	6.3	5.7	4.8	3.8	7.0	5.7	5.8	6.0	2.3	5.7
JTTFA-96	6.1	6.9	6.0	4.8	6.1	5.7	4.8	5.6	5.7	5.6	8.0	6.5	6.3	3.7	5.4	5.2	6.8	6.6	4.7	5.8	4.3	7.5	5.2	6.8	6.7	2.4	5.7
ARID II (J-3)	5.8	6.1	5.3	4.8	6.4	6.3	4.9	6.2	5.4	6.3	6.7	6.0	6.0	6.0	5.6	5.6	7.2	6.3	4.0	5.6	4.1	7.0	5.5	6.7	6.7	2.7	5.7
PIXIE E+	6.3	6.0	5.7	5.5	6.4	7.0	5.1	6.1	5.5	6.0	6.9	6.0	5.9	5.0	5.6	5.3	7.1	6.4	4.3	4.8	3.9	7.0	5.7	6.2	6.0	2.8	5.7
FALCON II	6.2	6.0	5.3	5.3	6.7	5.9	5.0	5.5	5.7	6.4	6.9	5.8	6.0	5.5	5.5	5.3	7.0	6.2	5.3	5.1	3.9	7.3	5.5	6.8	6.0	2.1	5.7

TABLE 27. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AR1	CA1	CA3	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	VA4	WA1	MEAN
SRX 8084	5.6	6.7	5.7	5.0	6.4	6.4	5.4	6.1	5.0	6.3	7.1	6.0	6.2	4.8	5.3	5.6	7.0	6.4	4.3	5.0	3.7	7.0	5.5	6.6	6.7	2.3	5.7
KITTY HAWK S.S.T. (SS45DW)	5.8	6.3	5.7	5.5	6.6	6.6	5.2	5.5	5.4	6.3	6.8	6.2	6.1	5.2	6.0	5.6	7.1	6.5	3.7	5.1	4.0	7.0	5.5	6.2	6.0	2.3	5.7
ISI-TF11	5.7	6.3	5.7	5.7	6.4	5.8	5.3	5.8	4.9	6.0	7.7	5.8	6.1	4.8	6.0	5.4	6.8	6.6	4.3	5.3	3.9	7.1	5.7	6.3	6.3	2.0	5.7
REBEL 2000 (AA-989)	5.8	6.0	6.0	5.0	6.5	5.8	5.2	5.4	5.3	6.2	6.3	5.8	6.4	5.2	5.5	6.1	7.1	6.0	5.7	4.1	4.3	7.0	5.8	6.6	6.0	2.2	5.7
PEDESTAL (PC-AO)	5.6	5.8	6.0	5.3	6.3	6.1	5.0	5.2	5.5	6.0	8.1	6.3	6.0	5.5	5.5	5.2	6.9	7.0	4.0	4.3	3.7	7.2	5.5	6.3	6.3	2.3	5.7
SAFARI	5.5	6.2	6.0	5.8	6.6	5.7	5.3	5.7	5.6	6.1	7.1	6.2	6.2	5.2	4.8	5.6	7.0	6.4	4.7	5.3	3.9	7.1	5.2	6.3	6.3	1.6	5.7
MB 215	5.7	6.1	5.7	4.8	6.3	5.8	5.4	5.8	5.2	6.3	7.1	6.0	6.1	5.2	5.4	5.6	7.2	6.2	5.0	4.1	4.1	7.0	5.5	6.9	6.3	2.2	5.7
CHAPEL HILL (TA-7)	5.6	5.8	6.0	5.8	6.3	5.9	5.2	5.5	5.5	6.3	7.8	6.0	6.2	5.0	5.6	5.7	7.1	6.2	4.7	4.4	4.1	7.0	5.3	6.2	5.7	2.2	5.6
SHENANDOAH	6.3	6.1	5.7	5.7	5.6	5.9	5.3	5.6	5.4	6.1	7.0	6.3	6.3	5.5	5.4	5.1	7.2	6.6	3.7	4.7	3.9	7.1	5.5	6.1	6.3	2.4	5.6
TITAN 2	5.0	5.8	5.0	5.3	6.4	5.7	5.3	5.8	5.2	5.8	7.0	6.2	6.0	5.7	5.6	5.6	7.3	6.6	4.3	5.4	4.2	7.3	5.5	6.3	6.3	2.3	5.6
ATF-253	6.4	6.4	6.0	5.5	6.2	6.0	4.9	6.7	5.4	5.9	6.7	6.3	5.8	4.8	5.3	5.1	6.6	6.3	4.3	4.9	4.1	7.0	5.5	5.9	6.0	2.6	5.6
GLEN EAGLE (EC-101)	5.8	6.0	5.7	5.7	6.5	5.6	4.9	5.1	5.2	6.1	7.6	6.0	6.3	5.2	5.8	5.4	7.3	6.5	4.3	4.6	4.0	6.9	5.5	6.6	6.0	2.3	5.6
BONSAI	5.5	6.2	6.0	6.0	5.0	5.8	5.2	6.0	5.0	6.2	7.2	5.7	6.0	5.2	6.1	5.1	7.3	6.6	4.7	4.7	3.9	7.0	5.5	6.5	6.0	2.4	5.6
TWILIGHT II (TMI-TW)	5.5	6.6	5.7	5.3	5.9	6.0	5.0	6.2	5.1	6.3	6.7	6.3	5.9	5.0	5.6	5.7	6.8	6.3	4.7	4.3	3.7	6.9	5.7	6.6	6.3	2.4	5.6
ISI-TF10	6.4	5.7	6.0	5.8	6.1	5.7	5.0	5.8	5.5	6.5	6.8	5.7	5.8	5.0	5.6	5.8	6.4	6.1	4.7	4.3	3.9	7.2	5.5	6.7	6.3	2.2	5.6
MB 28	5.7	5.9	4.7	5.8	6.1	6.3	5.3	6.0	5.2	6.3	6.7	6.2	6.0	4.8	5.6	5.1	7.0	6.2	5.7	4.5	3.8	6.9	6.2	5.8	6.3	2.2	5.6
GENESIS	5.8	5.8	5.0	5.2	6.4	6.1	5.0	4.9	5.6	6.3	7.2	6.5	6.0	5.2	5.5	5.3	6.7	6.3	5.0	3.8	3.9	7.1	5.7	6.5	6.3	2.3	5.6
LEPRECHAUN	5.5	5.8	5.3	5.7	6.8	5.8	4.9	5.2	5.3	6.1	7.0	6.0	5.7	4.8	5.7	5.6	6.6	5.5	6.3	4.9	3.8	7.1	6.0	6.2	5.3	2.3	5.6
GOOD-EN (KOOS 96-14)	5.8	5.8	5.3	6.0	6.2	5.5	5.2	4.9	4.7	6.0	6.4	6.0	6.2	5.0	5.3	5.6	7.3	6.5	4.3	4.7	4.3	7.0	5.5	6.8	6.3	2.2	5.6
MARKSMAN	6.8	6.2	4.7	5.2	6.2	5.8	5.0	5.3	5.1	6.3	7.3	5.8	6.0	4.3	5.1	5.4	7.2	6.3	4.3	4.8	3.7	7.0	5.7	6.4	6.3	2.1	5.5
WVPB-1B	5.7	5.5	6.0	5.3	5.8	5.9	4.9	5.3	5.3	6.1	6.7	5.8	6.0	5.3	5.8	5.3	6.8	6.2	5.0	4.3	3.9	6.9	5.5	6.3	6.3	2.2	5.5
AXIOM (ATF-192)	6.2	6.5	6.0	5.2	6.3	5.8	5.3	5.4	5.3	6.0	6.1	6.2	5.8	5.5	4.6	5.7	6.3	5.9	4.3	4.9	3.8	6.9	5.5	6.3	5.7	2.3	5.5
MB 216	6.1	5.6	5.0	5.2	6.7	5.8	5.3	5.3	5.2	5.9	6.8	5.3	6.8	4.5	6.5	5.3	7.2	6.8	3.7	3.5	4.1	6.8	5.8	5.8	6.3	2.1	5.5
RENEGADE	5.7	5.8	5.7	5.0	6.2	6.2	4.9	5.8	5.1	6.0	6.8	5.8	6.6	5.5	4.8	5.4	6.9	6.3	3.7	3.9	3.9	7.0	5.5	6.2	6.7	2.0	5.5
OPI-96-32	5.3	6.0	6.0	5.5	6.4	6.0	5.4	5.2	5.2	6.3	6.7	5.8	6.0	5.2	5.7	5.4	6.7	6.5	3.0	4.1	3.7	7.0	5.7	6.4	6.0	2.1	5.5
COMSTOCK (SSDE31)	5.8	6.0	5.0	5.8	6.2	5.8	5.1	4.8	5.1	5.8	7.2	5.8	6.1	4.8	5.4	5.2	6.9	6.3	5.0	3.7	3.8	7.0	5.5	6.3	6.3	2.1	5.5
FINELAWN PETITE	5.5	6.1	5.7	5.3	6.1	5.7	4.9	5.2	5.2	5.9	6.2	5.7	6.2	4.8	5.9	5.4	7.1	6.1	4.7	3.8	4.2	7.0	5.5	6.3	6.0	1.9	5.5
HELIX (WVPB-1D)	6.7	5.9	5.0	5.5	6.4	5.7	4.7	4.4	4.8	5.7	6.4	5.8	6.1	5.2	4.6	5.3	7.1	6.3	5.7	4.7	4.1	7.0	5.5	6.3	5.3	2.2	5.5
EQUINOX (TMI-N91)	4.8	6.6	5.7	5.5	6.1	5.9	5.1	5.9	4.8	6.3	6.2	6.0	6.0	4.3	4.8	4.9	6.7	5.9	5.7	4.8	4.1	6.9	5.5	6.0	6.0	2.0	5.5
WPEZE (WVPB-1C)	5.3	6.1	5.0	5.7	6.6	6.1	4.6	4.7	4.9	5.8	6.9	5.5	6.0	4.8	5.2	5.6	7.2	6.2	5.0	4.3	3.8	7.0	5.5	6.0	6.7	2.0	5.5
LION	5.4	6.3	5.7	5.5	5.3	6.3	5.3	5.8	4.5	5.8	6.4	5.5	6.0	4.8	5.2	5.7	6.9	6.3	4.7	4.7	3.8	6.9	5.5	5.6	5.3	2.2	5.4
PSII-TF-10	5.5	5.4	4.7	5.5	6.0	5.9	5.2	5.3	5.1	6.1	6.4	5.7	6.2	4.5	4.8	5.4	7.1	6.5	3.7	4.8	3.8	7.0	5.5	6.1	6.3	2.1	5.4
JSC-1	4.4	5.8	5.0	5.3	6.0	5.8	4.9	4.3	4.8	5.7	7.2	6.2	6.2	4.7	5.4	5.6	7.1	6.7	3.0	4.2	4.0	7.0	5.3	6.8	6.3	2.1	5.4
PSII-TF-9	5.2	5.5	5.3	5.0	6.2	5.3	4.8	5.5	5.3	5.6	6.7	5.5	5.8	4.2	5.0	5.7	6.4	6.3	3.3	4.5	3.8	6.9	5.7	6.1	6.3	1.9	5.3
DLF-1	5.0	5.7	6.0	6.0	5.8	5.8	4.9	4.6	4.4	6.0	5.9	5.2	6.2	5.2	5.6	5.8	6.5	5.7	3.0	3.3	3.8	6.8	5.5	7.4	5.3	1.9	5.3
JTTFC-96	4.8	6.1	5.0	5.3	5.8	6.1	4.7	4.9	5.2	5.8	7.0	5.2	6.0	4.2	4.5	5.8	6.8	6.3	3.0	4.3	3.8	7.0	5.5	5.9	5.3	1.7	5.2
ARID	5.0	5.8	5.7	6.5	5.6	5.2	4.6	4.2	5.0	5.0	6.1	6.2	5.8	5.2	5.2	5.2	6.4	6.3	2.0	3.5	3.9	6.9	5.2	6.3	5.7	1.4	5.1
AV-1	4.7	5.8	4.3	5.2	5.6	5.7	4.9	4.3	4.0	5.6	5.2	5.0	6.3	4.5	4.8	5.1	6.3	6.0	2.0	3.4	3.8	6.8	5.5	6.6	5.3	1.7	4.9
DP 7952	4.7	5.8	4.7	5.7	5.4	5.8	4.3	4.0	4.8	5.4	5.7	5.3	5.3	4.5	4.5	5.3	6.2	6.1	2.3	3.5	4.0	6.5	4.8	5.4	5.7	1.9	4.9
KENTUCKY-31 W/ENDO.	2.9	2.6	4.0	5.2	4.2	4.2	3.3	2.3	2.9	3.8	4.0	3.7	5.3	3.0	3.3	4.7	5.0	5.1	1.0	1.1	3.4	5.5	4.7	4.0	3.0	1.1	3.6
LSD VALUE	0.7	0.7	0.7	1.2	0.6	0.7	0.6	1.2	0.5	0.9	0.7	0.7	0.6	0.9	0.9	0.7	1.2	1.0	2.1	0.8	1.6	0.3	1.0	0.7	0.9	0.5	0.2
C.V. (%)	14.3	12.8	8.0	19.9	10.1	13.4	12.8	23.7	10.8	18.5	10.3	9.2	9.7	14.6	18.8	14.1	21.6	18.5	24.9	19.9	48.9	5.4	15.3	13.3	8.8	22.7	17.3

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

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

TABLE 28.

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	AR1	CA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO3	MS1	NJ1	NJ2	NY1	OH1	RI1	UT1	VA1	VA9	WA1	MEAN
KENTUCKY-31 W/ENDO.	6.0	6.7	7.7	7.3	7.7	6.0	9.0	9.0	5.7	9.0	8.0	8.3	5.7	9.0	6.7	5.8	6.7	4.3	5.3	7.3	5.3	6.3	6.9
TITAN 2	5.3	7.3	8.0	7.0	5.7	7.0	8.7	8.3	5.7	8.3	7.0	5.3	5.7	9.0	7.0	6.0	6.0	6.3	5.3	7.0	6.3	6.7	6.8
SHENANDOAH	6.3	7.7	7.7	6.7	5.0	6.7	7.7	8.7	5.0	5.3	7.3	5.3	8.7	6.7	9.0	6.3	6.3	6.3	7.0	5.7	6.0	6.7	6.7
ARID	5.7	6.3	7.3	6.3	5.7	6.7	9.0	8.3	5.0	7.7	6.3	7.0	6.0	9.0	6.0	4.3	7.3	5.0	6.0	7.0	5.3	6.7	6.5
SAFARI	6.0	7.3	8.0	6.3	7.3	6.0	8.3	8.3	5.3	4.7	6.3	5.0	6.0	8.7	7.0	7.3	6.7	6.0	5.7	7.0	5.7	5.0	6.5
RENEGADE	5.0	7.3	8.0	6.0	6.3	5.7	8.0	8.3	5.7	6.7	5.0	5.3	4.7	8.0	6.7	8.5	6.3	5.7	4.7	7.0	6.0	5.7	6.4
REGIMENT	5.7	7.0	7.3	6.7	7.7	5.7	7.3	8.0	4.7	5.0	6.3	4.7	5.7	8.7	6.3	7.2	6.7	5.3	5.7	6.0	5.0	5.3	6.3
SOUTHERN CHOICE	5.0	7.7	7.7	6.3	6.3	6.0	7.7	7.7	5.7	6.0	5.7	5.7	5.0	8.0	6.7	7.0	5.7	5.3	5.7	6.7	4.7	5.7	6.3
FALCON II	5.0	6.7	7.7	5.7	6.0	5.3	7.3	8.0	5.0	5.7	4.3	7.7	5.3	9.0	6.3	5.7	6.7	5.7	5.3	6.0	4.7	6.0	6.1
MILLENNIUM (TMI-RBR)	5.3	7.7	7.7	6.7	5.7	5.3	6.7	7.0	4.3	5.0	5.7	7.3	5.0	8.7	7.3	7.0	5.3	5.7	5.0	5.7	6.0	5.0	6.1
SR 8210	5.3	6.7	7.3	6.3	5.0	5.7	7.3	8.0	4.3	5.7	5.3	5.7	5.0	8.3	7.0	6.3	7.3	6.0	6.0	6.0	5.0	5.3	6.1
GENESIS	5.3	7.3	7.7	6.3	6.0	5.7	7.0	8.0	4.3	5.7	5.3	5.0	4.7	8.7	6.3	6.2	5.7	6.0	5.3	6.7	5.7	5.7	6.1
JTTFA-96	5.7	8.0	7.3	6.3	5.7	4.3	7.3	8.0	5.7	8.0	5.5	6.0	4.0	6.0	5.3	7.0	6.0	5.3	6.0	6.3	4.7	5.3	6.1
ISI-TF11	6.0	6.3	7.3	6.3	5.7	4.7	7.0	7.3	5.0	4.7	5.0	7.3	4.0	7.0	6.7	7.5	6.7	6.0	6.0	6.3	5.3	5.7	6.1
PLANTATION (PENNINGTON-1901)	5.0	7.7	7.3	6.0	4.0	4.7	6.7	7.7	5.3	5.0	5.0	6.0	5.3	8.0	6.7	8.0	6.0	7.0	5.3	6.3	5.7	5.0	6.1
DP 7952	5.7	7.7	7.3	5.3	5.3	5.7	7.7	7.7	5.0	4.7	4.0	5.3	4.7	8.3	6.3	8.0	7.0	5.3	4.7	6.3	5.0	6.0	6.0
PIXIE E+	5.7	7.3	7.0	7.3	5.0	5.7	7.3	7.3	4.3	6.7	5.3	5.3	4.3	7.7	6.0	7.7	6.3	5.3	5.7	5.7	4.7	5.3	6.0
CU9501T	4.3	6.7	7.7	6.7	4.3	5.7	7.7	7.7	5.0	4.7	5.0	4.7	5.0	8.3	6.7	8.5	6.7	7.0	4.3	5.7	5.7	5.0	6.0
REBEL SENTRY (AA-A91)	5.0	7.0	7.3	6.0	5.3	5.3	7.0	7.7	5.3	5.3	5.0	7.3	5.3	8.0	6.7	7.0	6.7	5.0	4.7	5.7	4.3	5.7	6.0
AZTEC II (TMI-AZ)	5.3	6.7	7.0	6.3	4.3	5.3	7.7	7.3	4.0	5.0	5.0	5.7	4.7	8.7	7.0	6.0	7.3	5.3	6.0	6.3	6.0	5.7	6.0
MUSTANG II	5.7	6.7	7.0	7.0	4.7	5.0	6.7	7.3	4.7	5.7	6.5	5.7	5.0	7.0	6.0	7.7	6.3	5.7	6.0	6.0	4.3	5.0	6.0
R5AU	5.3	7.3	7.3	5.7	5.3	5.7	7.7	7.3	5.0	4.0	4.7	6.7	5.0	9.0	6.0	7.7	6.0	5.3	4.7	6.0	5.0	4.7	6.0
TULSA	4.7	7.0	6.7	6.3	6.3	5.3	6.7	7.7	4.7	6.3	5.7	5.0	5.7	7.0	6.3	6.3	7.0	5.7	5.3	5.0	4.3	5.0	5.9
CU9502T	5.0	7.3	7.3	5.3	5.0	5.7	7.7	7.0	5.0	4.3	5.3	4.7	4.7	7.3	6.3	5.3	6.3	6.7	5.3	6.0	5.3	5.7	5.8
ANTHEM II (TMI-FMN)	5.0	6.3	7.0	6.3	4.7	4.7	6.7	7.0	4.3	6.0	5.7	6.0	5.0	6.7	6.7	7.5	6.0	6.0	5.3	5.3	4.7	5.7	5.8
WVPB-1B	6.0	6.7	5.7	6.3	6.0	4.3	7.3	8.0	4.7	6.0	5.0	5.0	4.7	7.3	6.0	6.3	6.7	4.7	5.7	6.0	4.7	5.0	5.8
APACHE II	5.0	6.3	7.3	5.3	5.0	5.0	7.0	7.3	4.3	5.7	4.3	6.0	5.0	7.3	7.0	6.8	6.0	5.0	5.0	6.3	5.3	5.3	5.8
CHAPEL HILL (TA-7)	5.7	7.3	7.0	6.7	5.3	5.0	7.3	7.7	4.0	4.7	5.0	5.3	3.7	8.0	6.7	4.7	6.7	5.7	5.7	5.3	5.3	5.0	5.8
OFI-931	5.3	6.3	7.0	6.7	3.3	5.0	7.7	7.3	4.3	5.3	4.3	7.0	5.0	6.7	6.7	5.0	7.0	6.0	5.7	5.7	4.3	5.7	5.8
BRAVO (RG-93)	5.3	7.3	6.3	6.3	6.0	5.0	7.0	7.3	4.3	5.7	6.0	6.0	3.7	7.3	6.7	6.3	6.0	4.0	4.3	6.0	5.0	5.3	5.8
DUSTER	5.0	7.0	7.0	5.3	6.7	4.7	7.0	7.0	4.7	5.3	4.7	6.3	4.3	7.0	6.0	6.0	5.3	6.3	6.0	4.7	5.0	6.0	5.8
ISI-TF9	5.7	7.3	7.0	5.0	4.7	5.0	7.3	7.3	4.3	5.3	4.3	5.0	5.0	7.3	5.7	6.2	7.3	5.0	6.0	5.7	5.0	5.7	5.8
PSII-TF-9	4.7	6.0	7.7	7.0	5.0	5.0	7.0	7.0	4.3	5.7	4.7	5.7	4.7	6.3	6.3	6.5	6.7	6.0	5.0	6.0	5.0	5.0	5.8
BONSAI 2000 (BULLET)	5.3	7.0	6.7	5.7	5.7	4.7	7.7	7.7	4.3	4.7	4.3	5.3	4.3	6.3	7.0	7.5	6.3	4.0	5.3	6.3	5.7	5.3	5.8
SRX 8084	5.3	6.7	7.3	7.3	3.0	4.7	6.7	7.3	4.7	5.0	6.7	4.3	5.0	6.3	7.0	5.5	7.0	6.0	5.7	5.3	5.0	5.3	5.8
JTTFC-96	6.3	6.7	7.0	5.0	4.7	4.3	7.7	7.0	5.0	6.7	4.7	8.3	4.7	6.0	5.3	5.5	6.3	4.7	5.0	6.0	5.0	5.0	5.8
LEPRECHAUN	4.7	6.7	6.7	5.7	4.3	5.0	7.3	7.3	5.7	4.7	4.7	6.3	5.0	7.7	6.7	5.3	6.3	3.0	5.7	6.3	5.7	6.0	5.8
ONCUE (PST-523)	5.0	6.0	7.0	6.7	4.3	4.7	6.7	7.7	5.3	4.0	5.0	4.7	5.0	7.0	6.0	6.5	6.7	6.0	5.0	6.3	5.7	5.3	5.8
OFI-96-31	5.3	6.3	6.7	7.0	4.0	5.0	6.3	7.0	4.3	5.3	5.3	7.7	4.3	6.3	7.0	5.7	6.3	5.0	5.7	6.0	4.7	5.0	5.7
ALAMO E	5.3	6.0	7.3	6.7	5.0	4.3	6.3	7.0	5.0	4.0	5.0	4.7	5.3	6.3	6.3	7.3	7.0	5.0	5.3	6.0	5.3	5.7	5.7
FALCON III (MB 212)	5.0	6.7	7.3	5.7	7.0	5.0	7.0	6.3	3.7	6.0	5.3	6.7	4.3	7.7	6.0	3.8	7.0	5.0	5.3	5.3	4.7	5.3	5.7
KITTY HAWK S.S.T. (SS45DW)	5.0	6.7	7.0	6.3	4.0	4.3	7.0	7.3	4.3	6.3	5.0	5.3	6.0	4.7	5.7	5.7	6.7	5.3	5.7	6.0	5.7	6.0	5.7
BAR FA 6D	5.3	6.7	6.3	6.0	4.7	4.3	6.3	6.7	4.3	4.3	4.7	6.0	5.3	7.0	6.3	8.0	6.7	4.3	5.7	6.0	5.0	5.0	5.7
HELIX (WVPB-1D)	6.0	7.3	6.3	6.0	5.3	4.0	7.3	7.0	4.3	6.7	4.3	5.7	5.0	6.7	6.0	7.5	6.0	2.7	4.7	5.3	5.0	5.7	5.7

TABLE 28. (CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	AR1	CA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO3	MS1	NJ1	NJ2	NY1	OH1	RI1	UT1	VA1	VA9	WA1	MEAN
BARLEXAS II (BAR FA 6LV)	6.0	6.3	7.0	6.3	4.3	4.0	6.3	6.3	4.7	4.0	5.5	6.0	4.0	7.3	6.0	8.0	6.3	5.7	5.3	5.3	5.0	4.7	5.7
EQUINOX (TMI-N91)	5.0	6.3	6.3	6.7	3.3	4.7	7.3	7.0	5.0	5.3	5.0	5.3	4.0	7.0	6.3	4.5	6.7	5.0	6.7	5.3	6.0	5.7	5.7
PRO 8430	5.3	6.0	6.3	6.3	5.0	4.7	6.3	7.0	4.3	7.0	4.3	5.3	4.7	5.3	6.3	6.2	7.0	6.0	5.3	5.7	4.7	5.0	5.6
REMBRANDT (LTP-4026 E+)	5.0	6.0	6.7	6.3	4.7	5.0	7.0	7.0	4.3	4.7	5.7	5.0	5.7	7.3	6.3	4.7	6.7	5.3	5.3	6.0	4.3	5.0	5.6
MB 216	5.0	6.7	7.0	6.3	4.7	4.7	6.3	7.0	3.7	6.3	5.0	6.3	3.7	8.0	6.3	6.5	6.7	4.7	5.7	5.0	3.7	4.7	5.6
ISI-TF10	5.3	5.3	5.7	6.0	4.7	3.7	6.7	6.7	4.3	6.3	4.7	8.0	4.3	6.0	5.7	7.7	5.7	5.3	5.3	5.7	6.0	4.7	5.6
MB 28	4.7	6.0	7.7	6.0	5.3	4.3	6.0	7.0	4.0	6.3	6.0	5.7	4.0	7.7	6.7	5.2	7.0	5.3	4.7	4.7	4.7	4.7	5.6
AIRLIE (MB 210)	5.0	7.0	7.3	6.3	4.3	4.3	6.3	7.0	4.7	5.7	5.0	5.7	4.7	6.7	6.3	5.2	6.3	5.0	5.7	5.3	4.7	5.0	5.6
WPEZE (WVPB-1C)	5.3	7.3	7.3	7.3	4.0	4.3	6.7	7.7	4.3	5.0	5.0	5.0	4.7	5.7	5.7	6.5	6.3	5.0	5.3	5.7	3.7	5.3	5.6
RESERVE (ATF-182)	5.0	6.7	6.3	6.3	6.3	3.7	6.3	6.3	4.3	5.7	4.7	5.0	5.3	6.0	6.0	7.0	7.0	5.7	5.3	5.0	4.3	4.7	5.6
FINELAWN PETITE	4.7	6.7	6.7	7.0	5.0	4.3	7.0	7.3	4.3	5.7	5.0	4.7	4.7	6.0	6.7	4.5	6.7	6.0	5.0	6.0	4.0	5.0	5.6
TAR HEEL	5.0	7.0	7.7	6.0	3.7	4.3	6.7	6.7	4.7	4.3	6.3	5.7	5.7	5.3	6.0	6.7	5.7	5.0	4.3	6.0	5.3	4.7	5.6
MARKSMAN	5.7	6.3	7.3	5.0	5.7	5.0	6.7	7.0	4.0	5.0	4.7	5.0	4.7	8.0	5.7	4.7	7.0	4.0	5.7	6.0	4.7	4.7	5.6
GLEN EAGLE (EC-101)	4.3	6.0	7.3	5.7	5.0	4.7	6.0	6.7	4.3	5.7	6.0	5.7	4.7	6.0	6.3	6.0	6.0	4.7	5.0	6.0	5.3	5.0	5.6
MB 215	6.7	5.3	6.3	6.7	4.7	5.0	6.7	7.0	4.0	5.0	5.0	7.3	4.7	6.7	6.0	5.3	6.7	3.0	4.7	5.7	5.0	4.7	5.5
OPI-96-32	4.7	7.7	6.3	5.3	5.0	4.3	6.3	6.7	4.0	6.0	5.0	7.3	4.3	6.0	6.0	5.3	6.3	4.3	6.0	5.7	4.0	5.3	5.5
PEDESTAL (PC-AO)	5.0	6.0	7.3	5.3	6.0	4.0	6.3	7.0	4.0	6.3	5.3	5.0	3.3	6.0	6.3	7.2	7.0	4.0	5.3	5.0	4.3	5.7	5.5
ARID 3 (J-98)	5.0	5.0	6.3	5.3	5.0	4.3	6.0	6.3	4.7	3.3	6.0	8.3	5.0	4.7	6.3	7.7	6.3	5.7	5.7	5.3	4.0	5.3	5.5
DLF-1	5.0	6.0	7.0	5.7	4.3	4.7	7.3	7.7	4.0	6.0	5.0	5.3	4.0	6.0	5.7	5.7	6.7	4.7	6.0	6.3	4.3	4.0	5.5
AXIOM (ATF-192)	4.7	5.0	6.3	6.3	3.7	4.3	5.7	6.0	5.0	4.7	3.7	7.0	5.0	6.0	6.3	6.5	6.7	5.3	5.7	5.7	6.7	5.0	5.5
GOOD-EN (KOOS 96-14)	5.7	6.3	7.0	6.0	5.7	4.3	6.0	7.0	4.3	4.7	4.3	7.0	4.3	5.3	6.3	6.3	5.7	4.0	5.3	5.7	4.7	5.0	5.5
JAGUAR 3	5.0	7.0	6.3	6.0	3.7	4.3	6.0	6.3	4.3	7.3	4.0	7.0	4.3	6.0	5.3	6.0	6.7	4.0	5.3	5.7	5.3	5.0	5.5
MB 214	4.7	7.3	7.0	6.7	4.0	4.7	6.3	6.3	4.0	5.0	4.7	6.7	5.0	6.3	6.0	5.3	6.7	4.0	4.3	6.0	4.7	5.0	5.5
WOLFPACK (PST-R5TK)	5.0	6.3	7.3	6.7	4.0	4.7	6.3	7.0	4.0	5.7	4.7	5.0	5.0	6.0	6.0	5.0	7.0	5.0	5.7	6.0	4.0	4.3	5.5
BANDANA (PST-R5AE)	4.3	6.3	7.0	6.7	3.7	4.7	6.3	7.0	4.3	4.7	5.7	5.3	4.0	5.0	6.0	6.3	6.0	7.0	4.7	5.7	4.7	5.0	5.5
DP 50-9011	5.0	6.7	6.3	6.0	3.7	4.7	7.3	7.0	3.7	6.0	5.0	5.7	3.7	6.3	5.3	8.0	6.3	5.0	5.0	5.7	4.0	4.0	5.5
MB 29	5.3	5.7	6.7	6.0	3.3	4.3	6.7	6.7	4.3	6.7	4.7	5.3	5.0	6.7	6.3	6.0	6.7	4.0	4.7	5.3	4.7	5.3	5.5
OLYMPIC GOLD (PST-5E5)	5.3	5.7	7.0	6.0	4.0	4.3	6.3	7.0	4.0	6.3	4.7	8.0	3.0	5.3	6.3	6.7	5.7	4.7	5.3	5.3	5.0	4.7	5.3
REBEL 2000 (AA-989)	5.7	6.3	7.3	5.7	5.0	5.0	6.3	7.0	4.0	4.3	3.3	4.7	5.3	8.0	6.7	6.0	5.3	5.3	4.3	5.3	3.7	5.7	5.5
AV-1	4.3	6.0	6.3	5.3	6.3	4.7	6.3	7.0	4.0	5.0	6.0	8.0	4.7	4.7	5.0	5.8	6.0	5.3	6.0	5.0	4.0	4.3	5.5
EMPRESS	5.3	6.7	6.3	7.0	3.3	4.7	6.7	6.0	4.7	5.7	4.0	5.3	5.0	5.3	5.7	7.2	6.3	5.0	5.3	5.7	4.0	5.0	5.5
WX3-275	4.7	4.3	6.7	6.3	3.7	3.7	7.0	6.0	4.0	5.0	5.3	6.3	3.7	6.0	6.3	7.7	7.3	5.3	5.3	5.7	4.0	5.0	5.4
COMSTOCK (SSDE31)	5.0	6.7	7.0	6.0	4.3	4.7	7.7	7.0	4.3	5.3	6.0	6.3	3.0	5.3	5.0	4.2	5.3	4.7	5.0	5.7	5.3	5.3	5.4
WYATT (ATF-188)	5.0	6.0	6.3	7.0	4.7	4.7	5.7	6.7	4.0	6.0	5.0	5.0	4.7	6.3	5.7	7.2	6.3	4.3	4.7	5.0	4.0	4.3	5.4
SR 8500 (SRX 8500)	4.7	6.3	7.0	5.7	3.7	3.7	6.0	7.0	4.3	3.0	4.3	5.7	4.7	6.3	6.3	7.2	5.3	7.0	5.3	5.7	4.3	5.0	5.4
BARRERA (BAR FA6 US3)	4.7	5.7	6.0	7.0	4.3	3.7	5.3	6.0	4.0	5.0	4.7	5.3	6.7	5.7	6.3	6.7	6.3	5.3	5.7	5.0	4.3	4.7	5.4
SCORPIO (ZPS-2PTF)	5.3	5.7	6.0	6.0	5.3	4.0	6.0	6.3	4.3	6.7	4.3	5.7	3.7	6.3	6.3	4.7	6.3	3.3	6.0	5.3	5.0	5.3	5.4
COCHISE II	5.3	7.3	6.0	4.7	4.3	4.0	5.3	6.3	4.7	5.3	5.3	6.0	4.7	4.7	6.0	7.5	6.0	5.3	4.7	5.7	3.7	5.0	5.4
BULLDAWG (PICK GA-96)	5.0	6.3	6.0	5.3	4.7	4.7	5.3	6.3	4.3	6.0	4.0	5.7	6.0	4.0	6.0	7.7	6.0	4.7	5.3	5.7	3.3	5.0	5.3
CROSSFIRE II	5.3	6.7	6.0	6.3	4.3	4.3	6.3	6.3	4.7	4.7	4.3	5.7	4.7	5.3	5.7	5.8	6.0	5.3	4.7	5.3	4.3	4.7	5.3
RED COAT (ATF-038)	5.0	7.0	5.7	5.3	5.0	3.7	6.3	6.3	3.7	5.3	5.3	6.7	3.3	6.0	5.7	5.3	6.0	5.7	5.3	5.0	4.0	5.0	5.3
MASTERPIECE (LTP-SD-TF)	5.0	5.7	6.0	6.3	3.3	4.7	6.7	7.0	4.7	5.0	4.0	5.7	4.3	5.3	5.7	6.7	6.3	4.7	5.0	5.0	4.3	5.3	5.3
SHENANDOAH II (WRS2)	4.7	7.0	7.0	5.3	4.7	4.0	6.3	6.7	4.3	6.0	3.7	5.0	4.0	6.0	6.3	6.0	6.3	4.0	4.7	5.0	5.3	4.3	5.3
PICK FA 20-92	5.0	5.3	6.3	6.3	4.3	4.3	5.7	6.3	4.3	5.0	4.7	7.3	4.0	6.0	5.7	7.2	7.0	3.7	4.7	5.0	3.0	5.3	5.3
ATF-257	5.7	5.0	7.0	5.7	4.0	3.3	6.3	6.7	4.7	5.3	4.3	5.0	4.7	6.0	5.7	5.7	6.0	5.3	5.7	5.0	4.3	5.0	5.3

TABLE 28. (CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	AR1	CA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO3	MS1	NJ1	NJ2	NY1	OH1	RI1	UT1	VA1	VA9	WA1	MEAN
DOMINION (PST-5M5)	5.3	5.3	6.3	6.3	3.3	4.0	6.3	7.0	4.0	5.0	5.3	7.7	5.0	5.3	6.3	4.3	5.7	3.0	5.0	5.3	4.7	5.7	5.3
DURANA (MB 211)	4.7	5.0	6.0	5.7	3.3	4.3	6.3	6.7	4.0	5.7	5.3	5.7	5.0	5.3	7.0	4.5	5.7	5.7	5.7	5.3	4.0	5.3	5.3
MB 213	4.7	5.3	6.7	6.7	5.0	4.3	6.0	6.7	4.0	4.3	5.3	6.0	4.3	6.3	5.7	6.2	6.3	3.3	5.0	5.3	4.0	4.7	5.3
BRANDY (J-101)	5.0	6.0	6.7	6.0	4.3	4.0	6.3	7.0	4.0	4.7	6.0	5.0	4.7	5.7	5.3	5.0	6.3	5.0	4.3	4.3	5.0	5.3	5.3
OFI-FWY	5.3	6.3	6.0	6.7	4.3	4.0	5.7	7.0	4.3	5.3	4.3	7.0	4.7	6.0	6.7	4.7	6.0	2.3	5.0	5.3	4.0	4.7	5.3
EA 41	5.0	5.7	6.3	5.7	3.0	3.7	6.3	6.3	4.0	6.3	4.3	6.3	4.0	4.7	7.0	5.0	7.3	5.7	4.3	5.0	4.3	5.0	5.2
PSII-TF-10	4.3	6.3	7.0	6.7	4.0	3.3	6.0	6.7	4.0	5.7	5.3	4.7	4.0	4.7	5.3	6.7	6.3	6.0	5.3	5.0	3.3	4.7	5.2
ARIZONA (PICK FA 6-91)	5.0	6.0	6.3	7.0	4.0	4.0	6.0	6.0	4.0	4.7	5.7	6.0	4.0	5.3	5.7	5.0	6.3	4.0	6.0	5.0	5.0	4.3	5.2
TF 66 (BAR FA6 US6F)	5.7	6.7	6.7	6.3	3.0	4.0	5.7	6.3	3.7	5.0	4.7	5.0	4.7	6.0	5.7	4.7	6.3	5.0	4.7	5.0	5.3	5.0	5.2
WILDFIRE (ATF-196)	5.3	5.3	7.0	6.0	3.7	3.3	5.7	5.3	4.3	4.3	5.0	7.7	4.0	4.7	5.7	7.2	6.7	4.7	4.7	5.3	3.7	5.3	5.2
SHORTSTOP II	5.0	4.7	7.0	6.0	4.0	4.0	5.7	6.3	4.7	4.0	5.7	5.7	4.7	4.7	6.0	8.5	5.3	6.0	4.7	5.0	3.0	4.3	5.2
ATF-022	5.0	5.7	6.0	6.0	5.0	3.0	5.7	6.3	3.7	6.7	4.3	5.0	4.7	5.7	5.3	7.0	6.3	5.3	5.0	4.7	3.3	5.0	5.2
MB 26	5.3	6.0	6.7	6.3	4.3	4.3	5.3	6.7	4.3	4.3	5.0	6.0	3.7	5.7	7.0	5.2	6.7	3.0	4.3	5.0	4.3	4.7	5.2
TWILIGHT II (TMI-TW)	5.0	5.7	6.3	6.0	4.7	4.0	5.7	6.3	3.7	5.3	4.0	6.3	4.3	5.7	5.7	5.3	5.3	3.7	6.3	5.3	3.7	5.0	5.2
CORONADO	5.3	6.7	6.3	5.0	4.3	4.0	5.3	6.3	3.3	4.7	4.0	6.0	4.7	6.0	6.3	4.5	6.3	4.0	5.0	6.0	4.3	4.7	5.1
LION	5.3	6.0	6.3	5.3	3.7	4.0	5.7	6.0	4.0	4.3	4.3	5.7	4.3	4.7	6.0	5.8	6.7	6.0	4.7	4.7	4.3	5.0	5.1
JSC-1	3.7	6.7	6.3	7.0	4.7	3.7	6.7	6.7	3.7	5.0	4.3	6.3	3.3	5.0	5.0	6.3	5.0	5.0	5.3	3.0	4.7	5.1	
GAZELLE	5.0	5.7	7.0	6.7	3.7	3.3	4.7	5.7	3.3	4.0	4.3	8.0	4.7	4.7	5.7	5.2	7.0	6.3	4.7	5.7	3.0	3.7	5.1
DYNASTY (PICK RT-95)	6.0	5.3	6.0	6.0	4.3	3.7	5.3	6.3	4.0	5.0	4.7	6.7	4.0	4.3	5.0	5.7	6.7	3.0	4.0	5.7	4.7	5.0	5.1
OFI-951	4.7	4.3	6.0	5.7	3.7	3.7	5.3	6.3	4.0	4.0	3.7	8.0	3.7	5.0	6.0	5.8	6.3	4.0	6.3	6.0	3.7	5.0	5.1
CORONADO GOLD (PST-5RT)	5.3	6.0	7.3	5.7	2.7	3.7	5.7	6.0	3.7	5.0	6.0	6.0	4.3	3.3	5.3	5.8	6.7	4.0	4.3	5.3	3.7	5.3	5.1
BARRINGTON (BAR FA6D USA)	3.7	5.3	6.3	6.0	3.0	4.0	6.3	6.3	4.3	4.3	6.0	5.0	5.3	4.7	5.0	5.4	6.0	4.3	5.0	5.0	5.3	4.3	5.0
PST-5TO	4.7	6.7	5.7	6.3	3.3	3.3	5.7	6.3	4.0	5.3	3.7	6.0	4.7	4.0	6.0	5.3	5.7	5.0	5.7	5.3	4.0	4.3	5.0
WATCHDOG (PICK FA B-93)	5.0	4.3	6.0	6.3	4.0	5.0	5.3	6.7	4.3	3.3	5.0	5.3	3.7	6.0	6.3	5.0	5.7	4.0	5.3	5.3	3.7	5.0	5.0
BONSAI	5.0	6.7	6.3	5.3	3.7	4.7	5.7	6.0	3.7	3.7	4.3	3.7	5.0	5.3	5.0	6.8	6.7	4.0	5.0	5.3	3.7	4.7	5.0
ATF-253	5.3	6.7	6.3	6.0	4.0	3.3	5.7	6.3	3.3	4.7	3.7	5.0	3.3	6.0	5.3	5.3	6.3	5.0	4.7	5.3	3.3	5.0	5.0
BAR FA6 US2U	4.3	6.3	6.3	6.7	3.0	4.3	5.7	6.7	4.0	4.7	4.3	6.0	4.0	5.7	6.3	5.0	4.0	4.7	4.7	5.3	3.3	4.3	5.0
COYOTE	5.0	6.3	6.7	5.7	3.3	3.3	5.7	6.3	4.3	3.7	3.7	4.7	3.7	5.3	6.0	5.0	5.7	5.3	4.7	5.3	4.7	4.7	5.0
PICK FA XK-95	4.7	6.3	6.3	6.0	3.0	4.0	6.0	6.3	3.7	4.3	4.3	4.7	4.0	5.0	5.7	4.7	6.0	4.0	4.3	5.3	4.7	4.7	4.9
ARID II (J-3)	4.7	4.3	5.7	5.3	4.0	3.7	5.3	6.0	4.0	5.0	5.0	6.7	4.3	3.7	5.7	5.2	5.7	6.0	5.3	4.7	3.3	4.0	4.9
SUNPRO	5.3	5.7	5.7	5.3	3.0	4.3	5.3	6.3	4.3	4.0	3.3	5.7	5.0	5.3	5.0	6.3	6.3	3.0	5.0	5.3	3.7	4.0	4.9
VELOCITY (AA-983)	4.7	4.0	6.0	7.3	3.7	3.7	5.3	6.0	3.7	4.0	4.3	5.0	5.0	4.0	5.0	4.7	6.3	5.3	5.3	4.3	4.3	5.0	4.9
TRACER (BAR FA6 US1)	4.3	5.3	6.7	6.7	3.3	3.7	5.0	5.3	4.0	3.3	3.7	6.0	4.3	4.0	5.7	6.8	7.0	3.3	4.3	5.0	4.3	4.7	4.9
ATF-020	4.7	4.7	6.0	5.0	4.7	2.7	6.7	6.7	3.7	4.7	4.7	5.3	3.7	5.0	5.7	5.0	5.3	5.7	5.3	4.3	3.3	4.0	4.8
TOMAHAWK-E	5.0	5.7	6.7	5.0	3.0	3.7	5.0	5.7	3.7	3.7	3.7	6.0	4.0	3.3	5.0	4.5	6.0	5.3	5.7	4.3	3.7	5.0	4.7
PICK FA 15-92	5.0	5.3	5.7	7.0	3.0	3.3	5.7	6.0	3.7	4.0	4.3	6.3	3.0	3.3	4.3	5.5	6.0	4.7	5.7	4.0	4.0	3.3	4.7
ZANZIBAR (ZPS-5LZ)	4.7	5.7	6.7	6.7	2.7	3.0	4.7	6.0	4.0	4.0	4.0	6.3	4.7	3.3	5.0	6.2	6.3	2.7	4.0	3.7	3.7	4.0	4.6
PICK FA UT-93	5.0	4.7	5.7	5.7	1.7	3.3	5.3	6.0	3.0	3.3	3.3	5.7	3.7	3.7	5.7	4.2	7.3	5.0	4.0	5.0	3.7	4.3	4.5
ARABIA (J-5)	4.7	5.7	5.7	5.3	3.3	3.0	5.7	5.3	3.0	5.0	4.0	5.3	3.7	2.7	4.7	3.7	6.0	3.3	4.7	4.0	4.0	4.3	4.4
PICK FA N-93	5.0	4.3	6.0	5.0	3.3	3.3	4.0	4.7	3.3	4.0	3.0	6.3	3.7	2.0	4.7	6.7	5.7	3.7	4.0	4.3	4.3	4.3	4.3
LSD VALUE	1.4	1.9	1.1	2.0	2.4	1.1	1.1	1.0	1.0	2.0	1.9	1.3	2.1	1.9	1.1	1.9	1.4	1.2	1.3	1.2	1.6	1.1	0.4
C.V. (%)	16.5	19.3	10.6	20.2	32.5	15.9	10.5	9.4	14.6	24.3	23.9	13.5	29.2	18.7	11.5	27.2	13.7	14.9	16.1	13.4	22.2	13.6	19.2

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

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

TABLE 29. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	KY1	MO1	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
REMBRANDT (LTP-4026 E+)	8.0	7.0	6.8	8.1	7.3	7.7	7.0	6.3	7.3
PLANTATION (PENNINGTON-1901)	8.0	5.7	7.2	8.1	7.4	7.7	6.3	7.0	7.2
DYNASTY (PICK RT-95)	7.7	6.3	6.9	8.0	7.4	7.7	5.0	7.3	7.0
CU9501T	8.0	6.0	5.8	8.3	7.3	7.3	7.0	6.7	7.0
CU9502T	6.3	7.0	6.3	8.0	7.2	7.3	6.0	7.3	6.9
MILLENNIUM (TMI-RBR)	7.3	6.3	7.1	7.9	7.3	7.6	6.0	6.0	6.9
OFI-951	7.3	6.0	7.0	7.8	6.9	7.4	6.0	7.0	6.9
CROSSFIRE II	7.7	7.0	6.7	8.0	7.2	7.6	5.3	6.0	6.9
WYATT (ATF-188)	8.0	6.0	6.2	7.9	7.0	7.6	6.0	6.7	6.9
REBEL SENTRY (AA-A91)	7.0	6.3	6.8	8.1	7.3	7.1	6.3	6.3	6.9
WATCHDOG (PICK FA B-93)	7.7	6.3	6.2	8.0	7.3	7.4	6.0	6.3	6.9
SCORPIO (ZPS-2PTF)	7.7	6.7	6.4	7.8	7.3	7.4	5.3	6.7	6.9
DOMINION (PST-5M5)	7.7	6.3	6.3	8.1	7.2	7.4	5.0	7.0	6.9
MUSTANG II	8.0	6.0	5.2	7.8	6.9	7.4	6.7	7.0	6.9
JAGUAR 3	8.0	5.7	6.6	8.2	7.3	7.2	4.7	7.3	6.9
BONSAI 2000 (BULLET)	7.7	6.3	5.8	7.8	6.9	7.3	6.3	6.7	6.9
TRACER (BAR FA6 US1)	8.0	6.0	6.6	7.8	6.9	7.3	5.3	6.7	6.8
ATF-257	8.0	6.0	5.8	7.6	6.8	7.3	6.3	6.7	6.8
FALCON III (MB 212)	7.7	6.0	6.3	7.7	6.9	7.0	6.0	7.0	6.8
ATF-020	7.3	5.7	6.5	8.0	6.7	7.2	6.3	6.7	6.8
ARID II (J-3)	7.7	6.7	5.2	7.9	7.1	7.1	6.3	6.3	6.8
SOUTHERN CHOICE	7.7	6.3	5.9	8.2	7.2	7.0	6.0	6.0	6.8
SHENANDOAH	7.3	6.0	5.0	8.1	7.2	7.2	6.0	7.3	6.8
WOLFPACK (PST-R5TK)	7.7	6.0	6.0	7.8	6.6	7.4	6.0	6.7	6.8
SR 8500 (SRX 8500)	7.7	6.0	6.2	7.6	7.5	7.4	5.0	6.7	6.8
EMPRESS	8.0	6.3	5.8	8.2	6.9	7.4	5.0	6.3	6.8
MASTERPIECE (LTP-SD-TF)	7.7	6.0	6.6	7.8	6.8	7.6	5.3	6.3	6.7
SHORTSTOP II	8.0	6.3	5.8	7.9	6.4	7.1	6.3	6.0	6.7
WILDFIRE (ATF-196)	7.0	6.3	6.3	8.1	7.2	7.1	6.3	5.7	6.7
ONCUE (PST-523)	7.3	6.7	5.9	7.7	6.7	7.3	5.3	7.0	6.7
DUSTER	7.0	6.3	5.8	8.1	7.3	7.3	5.0	7.0	6.7
ATF-253	7.7	6.3	5.9	7.3	6.4	7.2	6.3	6.7	6.7
REGIMENT	6.0	6.3	5.6	7.5	6.9	7.3	6.3	7.7	6.7
BARLEXAS II (BAR FA 6LV)	7.3	6.7	5.8	7.8	7.2	7.2	5.3	6.3	6.7
RED COAT (ATF-038)	8.0	5.7	6.3	8.0	7.2	7.2	6.3	5.0	6.7
OFI-FWY	7.0	5.7	5.4	7.9	7.3	7.3	6.0	7.0	6.7
SAFARI	7.3	5.7	5.5	7.3	6.7	7.3	6.0	7.7	6.7
BAR FA 6D	7.3	5.7	5.6	8.1	7.3	7.2	5.3	7.0	6.7
APACHE II	8.0	5.7	5.3	7.9	6.8	7.0	5.7	7.0	6.7
MB 215	7.0	5.3	6.6	7.8	7.0	7.0	6.0	6.7	6.7
MB 214	6.0	5.7	6.8	8.1	7.3	6.9	6.0	6.7	6.7
GAZELLE	7.7	5.7	6.7	8.2	7.2	7.7	5.7	4.7	6.7
FALCON II	7.3	6.7	5.2	8.1	6.5	6.9	5.3	7.3	6.7
PEDESTAL (PC-AO)	7.7	5.7	5.7	7.7	7.1	7.2	5.3	7.0	6.7

TABLE 29. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	KY1	MO1	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
MB 26	7.0	4.7	7.2	8.0	7.1	7.3	6.3	5.7	6.7
PRO 8430	7.7	5.3	6.0	7.5	7.2	7.2	5.0	7.3	6.7
ZANZIBAR (ZPS-5LZ)	7.3	5.7	6.6	7.8	7.3	7.2	4.7	6.7	6.7
GENESIS	7.3	5.3	5.3	7.5	7.0	7.3	6.0	7.3	6.6
DURANA (MB 211)	6.3	5.7	5.8	7.9	6.8	7.2	6.3	7.0	6.6
MB 29	7.7	5.7	5.6	7.8	7.3	7.1	6.3	5.7	6.6
GOOD-EN (KOOS 96-14)	6.7	5.7	5.6	8.0	6.8	7.0	6.7	6.7	6.6
PIXIE E+	6.0	6.3	5.4	7.9	7.2	6.9	7.0	6.3	6.6
OLYMPIC GOLD (PST-5E5)	7.0	6.0	6.4	7.7	7.0	7.2	5.3	6.3	6.6
MB 213	7.3	6.0	5.8	7.8	6.5	6.9	6.0	6.7	6.6
BARRERA (BAR FA6 US3)	7.3	6.0	6.6	7.8	6.9	7.2	5.7	5.3	6.6
REBEL 2000 (AA-989)	6.7	5.7	5.7	7.6	6.8	7.1	7.3	6.0	6.6
ATF-022	7.0	5.3	5.7	8.1	7.2	7.2	6.3	6.0	6.6
ARID 3 (J-98)	6.7	5.3	6.5	7.9	7.3	7.1	6.0	6.0	6.6
OFI-931	6.7	5.3	6.6	7.9	7.0	7.2	5.7	6.3	6.6
SR 8210	6.7	6.3	6.3	7.8	6.8	7.2	5.0	6.7	6.6
ALAMO E	6.0	5.3	5.9	7.6	7.1	7.1	6.3	7.3	6.6
CHAPEL HILL (TA-7)	7.0	6.0	5.8	7.9	6.8	7.1	6.0	6.0	6.6
BULLDAWG (PICK GA-96)	6.7	6.0	6.1	8.1	7.3	7.2	5.3	6.0	6.6
MB 216	6.0	5.7	6.0	7.8	7.1	6.8	6.3	7.0	6.6
PICK FA 20-92	7.7	5.7	6.6	7.9	7.3	7.4	4.7	5.3	6.6
BAR FA6 US2J	6.3	6.3	7.1	7.6	6.7	7.2	5.7	5.7	6.6
MB 28	7.0	5.3	5.8	7.7	6.9	7.1	5.7	7.0	6.6
AIRLIE (MB 210)	6.7	5.3	6.1	7.5	6.3	7.1	6.3	7.0	6.5
BARRINGTON (BAR FA6D USA)	7.3	5.3	6.0	7.7	6.8	7.6	5.7	6.0	6.5
HELIX (WVPB-1D)	7.0	6.0	5.3	7.8	7.2	7.1	5.3	6.7	6.5
ISI-TF11	8.0	5.7	5.3	7.4	6.7	7.2	5.0	7.0	6.5
AXIOM (ATF-192)	6.3	6.3	5.7	6.5	6.6	7.1	5.7	8.0	6.5
SHENANDOAH II (WRS2)	7.7	4.7	6.3	8.1	6.6	7.2	5.3	6.3	6.5
LEPRECHAUN	7.0	5.7	5.9	7.7	6.4	7.1	5.7	6.7	6.5
PICK FA 15-92	6.3	6.3	5.9	7.8	6.7	7.0	6.0	6.0	6.5
BRANDY (J-101)	6.7	5.7	5.8	7.7	7.1	7.2	6.3	5.7	6.5
BRAVO (RG-93)	7.0	6.3	6.1	6.9	6.7	7.0	5.0	7.0	6.5
ISI-TF10	7.0	6.0	6.0	7.1	6.7	7.2	4.7	7.3	6.5
TAR HEEL	7.3	5.0	5.8	7.1	6.3	7.2	6.3	7.0	6.5
MARKSMAN	6.3	5.3	5.3	8.2	7.0	7.2	6.0	6.7	6.5
AZTEC II (IMI-AZ)	6.3	5.0	6.3	7.5	6.4	7.2	6.0	7.0	6.5
TITAN 2	6.7	6.3	4.7	7.9	5.8	7.0	6.0	7.3	6.5
TF 66 (BAR FA6 US6F)	6.3	6.0	6.3	7.5	6.9	7.0	4.7	7.0	6.5
CORONADO	6.7	5.7	6.1	7.8	7.0	7.2	5.7	5.7	6.5
JTTFA-96	6.7	6.0	5.6	6.9	6.2	7.0	6.0	7.3	6.5
ARIZONA (PICK FA 6-91)	6.3	6.3	5.3	7.9	7.2	7.0	5.7	6.0	6.5
TULSA	6.0	5.0	5.8	7.8	6.8	7.3	6.3	6.7	6.5
COMSTOCK (SSDE31)	7.0	5.7	5.5	7.8	6.6	7.0	6.0	6.0	6.4
COYOTE	7.0	4.7	5.9	8.0	7.4	7.2	5.3	6.0	6.4

TABLE 29. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY								
	KY1	MO1	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
R5AU	6.7	5.3	6.3	6.7	6.7	7.2	5.7	7.0	6.4
RESERVE (AIF-182)	7.0	5.3	5.1	7.7	6.9	7.2	6.3	6.0	6.4
TOMAHAWK-E	6.3	5.0	6.0	8.0	7.1	7.1	5.7	6.3	6.4
OFI-96-32	7.0	6.3	4.3	7.7	6.9	7.2	5.3	6.7	6.4
PICK FA N-93	7.3	5.7	6.9	7.3	7.0	7.2	4.7	5.3	6.4
BANDANA (PST-R5AE)	7.0	5.7	6.2	7.3	6.1	7.2	5.3	6.7	6.4
VELOCITY (AA-983)	7.0	4.7	5.9	8.0	7.1	7.0	6.3	5.3	6.4
ISI-TF9	7.0	5.3	5.2	7.7	6.8	7.3	5.0	7.0	6.4
WPEZE (WVPB-1C)	7.3	5.7	5.3	7.1	6.7	7.0	6.0	6.3	6.4
ARID	6.3	7.0	4.9	7.2	6.3	6.2	6.0	7.3	6.4
WVPB-1B	7.7	5.7	5.3	7.3	6.5	7.1	5.7	6.0	6.4
ANTHEM II (TMI-FMN)	7.0	5.0	5.4	7.4	6.4	7.3	6.0	6.7	6.4
SUNPRO	6.7	5.0	5.6	7.8	7.4	7.3	5.3	6.0	6.4
COCHISE II	6.3	5.7	6.1	7.5	6.7	7.2	5.3	6.3	6.4
CORONADO GOLD (PST-5RT)	6.7	5.7	5.8	7.1	6.5	7.3	5.0	7.0	6.4
PSII-TF-9	7.7	5.3	5.0	6.9	7.0	7.0	5.3	6.7	6.4
DP 50-9011	7.7	5.3	5.3	7.2	6.2	6.9	6.0	6.3	6.4
PICK FA XK-95	7.7	5.7	5.3	7.3	6.7	7.6	4.7	6.0	6.4
ARABIA (J-5)	7.0	5.0	6.1	7.3	6.4	7.3	5.7	6.0	6.4
WX3-275	7.0	5.0	5.8	7.3	6.4	7.2	5.3	6.7	6.4
KITTY HAWK S.S.T. (SS45DW)	7.0	5.0	5.4	7.3	6.3	7.0	6.0	6.7	6.3
OFI-96-31	6.3	5.0	5.3	8.0	6.9	7.1	6.0	6.0	6.3
PST-5TO	7.3	5.7	6.1	6.9	6.1	7.1	5.0	6.3	6.3
PSII-TF-10	6.7	5.3	5.9	7.7	7.1	7.1	5.3	5.3	6.3
RENEGADE	6.3	5.0	5.4	7.7	6.9	6.8	5.3	7.0	6.3
JTTFC-96	7.7	5.3	5.0	7.2	6.3	7.0	4.7	7.3	6.3
GLEN EAGLE (EC-101)	6.7	4.7	4.7	8.1	7.3	7.1	5.3	6.3	6.3
EQUINOX (TMI-N91)	6.3	5.3	5.8	6.5	6.0	7.1	6.0	7.0	6.3
PICK FA UT-93	6.7	5.7	6.2	7.3	6.6	7.2	5.3	5.0	6.2
SRX 8084	6.0	5.7	5.3	7.3	6.8	7.0	5.0	6.7	6.2
EA 41	6.3	5.7	5.7	6.9	6.3	7.2	5.3	6.3	6.2
JSC-1	6.7	5.0	5.3	7.8	6.8	6.9	5.0	6.0	6.2
LION	6.0	6.0	5.4	7.3	6.3	7.0	5.7	5.7	6.2
TWILIGHT II (TMI-TW)	6.3	5.0	5.5	6.9	6.4	7.0	5.7	6.0	6.1
DLF-1	5.0	5.7	4.7	7.3	6.3	6.7	7.0	6.0	6.1
FINELAWN PETITE	5.0	5.7	4.8	7.1	6.8	7.1	5.3	6.7	6.1
BONSAI	6.0	5.0	5.1	7.6	6.8	6.9	5.3	5.3	6.0
DP 7952	6.0	5.0	4.4	6.6	6.1	6.6	6.3	7.0	6.0
AV-1	5.3	5.3	4.8	6.9	6.8	6.3	6.0	6.0	5.9
KENTUCKY-31 W/ENDO.	4.0	5.0	3.1	5.3	5.3	5.3	6.3	7.7	5.3
LSD VALUE	0.9	1.5	0.7	1.4	1.4	0.4	2.5	1.5	0.5
C.V. (%)	7.9	16.3	15.0	22.7	25.6	6.2	26.8	13.9	20.2

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

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

TABLE 30.

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	AR1	DE1	KY1	MO3	NE1	NE2	OK1	SC2	UT1	VA9	MEAN
REMBRANDT (LTP-4026 E+)	6.3	8.0	8.3	5.4	8.8	8.4	7.4	5.7	5.8	8.0	7.2
PLANTATION (PENNINGTON-1901)	6.6	7.0	7.5	6.1	8.9	8.3	7.4	5.7	5.8	8.7	7.2
DYNASTY (PICK RT-95)	6.0	6.7	8.0	6.0	8.6	8.3	7.3	5.0	5.9	8.7	7.0
CU9502T	5.8	7.7	7.8	5.7	8.7	8.2	7.3	5.3	5.1	8.7	7.0
SHENANDOAH II (WRS2)	6.3	7.0	7.7	5.4	8.7	8.0	7.3	5.7	5.7	8.3	7.0
JAGUAR 3	7.4	5.7	8.3	5.8	8.6	8.0	7.3	5.0	5.4	8.3	7.0
MILLENNIUM (TMI-RBR)	6.2	7.3	8.0	5.1	8.3	8.0	7.3	5.3	5.2	9.0	7.0
CU9501T	5.9	7.0	8.0	5.1	8.7	8.3	7.3	5.7	5.2	8.7	7.0
SCORPIO (ZPS-2PTF)	6.4	6.3	8.0	5.3	8.4	8.2	7.3	5.0	6.1	8.3	6.9
MASTERPIECE (LTP-SD-TF)	6.8	6.0	8.0	5.5	8.4	8.2	7.3	5.3	5.2	8.3	6.9
WOLFPACK (PST-R5TK)	6.7	7.0	7.3	5.3	8.3	8.2	7.3	5.7	5.3	8.0	6.9
COYOTE	6.9	7.0	7.5	4.9	8.2	8.4	7.2	5.3	5.2	8.3	6.9
DOMINION (PST-5M5)	6.3	6.3	7.2	5.3	8.5	8.3	7.6	5.3	6.1	8.0	6.9
ANTHEM II (TMI-FMN)	5.4	7.3	7.5	5.0	8.0	7.5	7.2	5.7	6.2	9.0	6.9
MB 213	6.8	7.3	7.3	4.9	8.3	7.8	7.1	5.7	5.4	8.0	6.9
WILDFIRE (ATF-196)	6.8	7.3	6.5	5.0	8.3	7.8	7.2	5.3	6.0	8.3	6.9
ONCUE (PST-523)	5.9	6.7	7.7	5.2	8.5	7.5	7.5	5.0	6.0	8.7	6.9
ZANZIBAR (ZPS-5LZ)	5.9	7.3	7.0	5.3	8.5	8.0	7.3	5.0	5.7	8.7	6.9
MUSTANG II	6.6	5.7	7.5	4.8	8.8	8.3	7.2	6.0	4.7	9.0	6.9
APACHE II	6.2	7.0	7.7	4.8	8.5	8.3	7.3	5.3	4.9	8.7	6.8
OLYMPIC GOLD (PST-5E5)	6.3	7.3	7.3	4.9	8.2	8.3	7.3	5.7	5.1	8.0	6.8
SHENANDOAH	6.3	7.7	7.0	4.7	8.5	8.2	7.2	5.0	5.2	8.7	6.8
CROSSFIRE II	5.7	7.0	7.2	5.4	8.8	7.8	7.3	5.3	5.4	8.3	6.8
MB 29	6.3	6.7	7.3	4.7	8.3	8.3	7.3	5.7	5.0	8.7	6.8
DURANA (MB 211)	6.8	6.7	6.8	4.8	8.6	8.0	7.3	5.7	5.2	8.3	6.8
WATCHDOG (PICK FA B-93)	5.9	6.7	7.3	5.3	8.7	8.3	7.3	5.7	5.3	7.7	6.8
ATF-257	6.7	6.3	8.3	4.8	7.6	7.9	7.3	5.3	5.6	8.3	6.8
OFI-931	6.1	6.3	7.0	5.1	8.5	8.3	7.1	5.3	5.7	8.7	6.8
WYAT (ATF-188)	5.3	6.0	8.2	5.0	8.5	8.3	7.1	5.7	5.3	8.7	6.8
ISI-TF11	6.5	6.0	7.8	4.7	8.0	7.8	7.2	5.7	5.2	9.0	6.8
R5AU	6.5	6.7	7.5	4.9	7.8	7.6	7.4	5.7	5.9	8.0	6.8
TAR HEEL	5.9	6.0	7.8	4.9	7.9	8.1	7.1	6.0	5.3	8.7	6.8
DUSTER	5.3	7.7	6.8	5.0	8.5	8.2	7.1	5.0	5.6	8.7	6.8
BAR FA 6D	5.2	7.0	8.0	4.4	8.8	8.0	7.3	5.3	5.1	8.7	6.8
EMPRESS	6.0	5.7	8.2	5.3	8.6	7.8	7.3	5.0	5.6	8.3	6.8
OFI-96-31	5.6	7.0	7.7	4.8	8.5	8.1	7.3	5.0	5.6	8.0	6.8
SUNPRO	6.0	6.7	7.5	4.8	8.4	8.3	7.2	5.0	5.3	8.3	6.8
MB 26	5.5	7.0	7.2	5.2	8.4	7.8	7.3	5.3	5.1	8.7	6.7
BARRINGTON (BAR FA6D USA)	4.6	7.3	8.0	4.9	8.3	7.9	7.1	5.3	5.3	8.7	6.7
REBEL SENTRY (AA-A91)	5.2	6.7	7.3	5.2	8.5	8.3	7.1	5.3	5.4	8.3	6.7
ARID 3 (J-98)	5.5	6.7	7.2	5.5	8.6	8.1	7.2	5.3	5.7	7.7	6.7
PICK FA XK-95	5.9	7.3	7.0	4.8	8.0	7.9	7.2	5.3	5.6	8.3	6.7
SR 8500 (SRX 8500)	5.1	7.0	7.3	4.8	8.4	8.1	7.3	5.0	5.3	9.0	6.7
RED COAT (ATF-038)	7.3	6.3	6.3	4.8	8.6	8.1	7.3	5.3	5.2	8.0	6.7

TABLE 30. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY										
	AR1	DE1	KY1	MO3	NE1	NE2	OK1	SC2	UT1	VA9	MEAN
MB 214	5.8	6.7	6.7	5.1	8.3	8.0	7.1	5.7	4.8	9.0	6.7
SR 8210	6.2	7.0	7.0	5.1	8.2	7.9	7.1	5.0	5.7	8.0	6.7
TRACER (BAR FA6 US1)	5.9	5.7	8.0	5.3	8.6	7.9	6.9	5.0	5.4	8.3	6.7
PICK FA N-93	6.0	5.7	7.2	5.3	8.2	8.2	7.3	5.3	6.0	8.0	6.7
BARRERA (BAR FA6 US3)	5.5	5.7	8.2	5.4	8.7	7.8	7.3	5.0	5.2	8.3	6.7
BULLDAWG (PICK GA-96)	5.5	6.3	7.3	4.9	8.5	8.1	7.0	5.3	5.6	8.3	6.7
BONSAI 2000 (BULLET)	5.1	7.3	7.3	4.5	8.3	7.8	7.1	5.3	5.3	8.7	6.7
COMSTOCK (SSDE31)	6.6	8.0	7.0	4.7	8.2	7.7	6.9	5.0	4.8	8.0	6.7
JTTFA-96	6.3	7.3	7.0	4.6	7.6	7.6	7.3	5.7	5.1	8.3	6.7
OFI-FWY	6.0	6.7	7.2	4.8	8.2	8.2	7.3	5.3	5.2	8.0	6.7
RENEGADE	5.5	7.7	7.0	4.4	8.6	7.8	7.3	5.0	5.1	8.3	6.7
TITAN 2	5.6	7.3	7.2	4.2	8.3	7.5	7.2	5.3	5.0	9.0	6.7
ATF-020	6.4	4.7	8.0	5.2	8.1	7.8	7.2	5.3	5.2	8.7	6.7
ALAMO E	5.8	7.3	7.0	4.7	8.4	7.9	6.9	5.3	5.1	8.0	6.7
REGIMENT	4.7	7.0	6.8	4.9	8.3	7.9	7.3	5.7	5.2	8.7	6.6
PST-5TO	6.4	4.3	7.5	5.5	7.9	7.8	7.2	5.3	5.8	8.7	6.6
SOUTHERN CHOICE	6.2	5.7	7.3	4.7	8.8	8.3	7.3	5.0	5.3	8.0	6.6
CORONADO	5.1	7.0	6.5	4.9	7.9	7.8	7.1	5.7	5.8	8.7	6.6
TOMAHAWK-E	4.8	7.3	7.2	5.1	8.2	8.3	6.8	5.3	5.3	8.0	6.6
RESERVE (ATF-182)	5.9	6.3	7.2	4.8	8.1	8.2	7.0	5.7	5.6	7.7	6.6
FINELAWN PETITE	5.8	7.7	6.8	4.4	7.8	7.7	7.1	5.0	5.4	8.7	6.6
CHAPEL HILL (TA-7)	5.8	5.7	7.2	4.9	8.3	7.8	7.2	5.7	5.4	8.3	6.6
CORONADO GOLD (PST-5RT)	7.1	5.7	7.3	4.8	7.9	7.9	7.0	5.3	5.1	8.0	6.6
OFI-951	5.8	5.7	6.7	5.3	8.3	7.8	7.3	5.3	5.3	8.7	6.6
GAZELLE	4.9	6.3	8.2	5.4	8.7	8.1	6.9	5.0	5.6	7.0	6.6
ARABIA (J-5)	5.5	6.3	7.2	4.7	7.9	7.8	7.1	5.7	5.4	8.3	6.6
PEDESTAL (PC-AO)	4.8	6.7	7.2	5.0	8.1	8.3	7.3	5.3	4.6	8.7	6.6
SRX 8084	5.3	7.3	6.5	4.4	8.0	7.7	7.1	5.0	5.6	9.0	6.6
BARLEXAS II (BAR FA 6LV)	4.8	5.7	7.3	4.8	8.4	8.3	7.1	5.0	5.8	8.7	6.6
PRO 8430	6.2	6.3	6.5	4.9	8.2	8.0	7.3	5.3	5.1	8.0	6.6
JTTFC-96	6.9	6.5	7.7	4.1	7.8	7.6	7.3	5.0	4.3	8.7	6.6
PIXIE E+	4.8	7.0	6.3	4.5	8.4	8.0	7.1	5.7	5.3	8.7	6.6
ATF-022	5.7	5.5	7.3	4.8	8.3	8.3	7.2	5.3	5.2	8.3	6.6
SHORTSTOP II	5.1	5.7	7.2	4.8	8.5	8.2	6.8	5.3	5.6	8.7	6.6
GENESIS	6.3	6.7	6.8	4.6	8.1	7.8	7.3	5.0	4.9	8.3	6.6
FALCON III (MB 212)	6.4	5.7	6.8	5.1	8.1	8.2	7.0	5.3	5.1	8.0	6.6
PICK FA 15-92	5.8	6.7	6.5	5.3	8.7	7.8	6.8	5.3	5.2	7.7	6.6
OFI-96-32	5.8	7.5	6.3	4.2	8.3	7.9	7.2	5.0	5.1	8.3	6.6
AZTEC II (TMI-AZ)	4.9	5.7	7.2	5.0	8.3	7.6	7.3	5.3	5.7	8.7	6.6
TULSA	6.1	7.0	6.5	4.8	8.3	7.8	7.3	5.3	5.6	7.0	6.6
SAFARI	5.3	6.3	7.3	4.7	7.9	7.8	7.4	5.3	5.1	8.3	6.6
WX3-275	5.4	6.0	7.3	4.3	8.3	8.0	7.1	5.7	5.0	8.3	6.6
GLEN EAGLE (EC-101)	5.8	5.0	7.8	4.6	8.4	7.9	7.1	5.0	5.2	8.7	6.5
TF 66 (BAR FA6 US6F)	4.9	6.7	7.2	4.5	8.3	7.8	7.3	5.0	5.4	8.3	6.5
ATF-253	5.8	7.7	7.3	4.9	7.7	7.8	7.0	5.3	4.2	7.7	6.5

TABLE 30. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY										
	AR1	DE1	KY1	MO3	NE1	NE2	OK1	SC2	UT1	VA9	MEAN
BAR FA6 US2U	5.4	4.7	7.3	5.3	8.5	7.8	6.9	5.0	6.1	8.3	6.5
LEPRECHAUN	5.3	7.0	6.3	4.7	8.0	7.8	7.3	5.3	5.3	8.3	6.5
ISI-TF9	6.8	5.3	7.0	4.7	8.5	7.5	7.0	5.3	5.2	8.0	6.5
MB 28	5.3	6.0	6.7	4.9	8.1	8.1	7.1	5.3	5.4	8.3	6.5
HELIX (WVPB-1D)	5.7	6.0	7.3	4.7	8.1	8.0	7.4	5.0	5.1	8.0	6.5
EA 41	6.5	5.7	6.3	4.8	8.0	7.6	7.0	5.0	5.3	9.0	6.5
VELOCITY (AA-983)	5.2	6.7	6.5	5.0	8.8	8.2	6.8	5.3	4.9	8.0	6.5
BRANDY (J-101)	6.2	6.0	7.2	4.9	8.2	8.5	7.1	5.0	4.8	7.3	6.5
REBEL 2000 (AA-989)	4.8	5.7	7.0	4.8	8.2	8.1	6.9	5.7	5.7	8.3	6.5
COCHISE II	6.4	5.7	6.2	4.8	8.2	7.7	7.0	5.3	5.1	8.7	6.5
PICK FA 20-92	5.2	5.5	7.0	5.2	8.6	7.8	7.1	5.0	5.4	8.3	6.5
ARID II (J-3)	5.3	7.3	6.0	4.7	8.3	7.8	7.0	5.0	5.7	8.0	6.5
FALCON II	4.8	6.0	7.7	4.6	8.3	7.8	7.2	5.0	5.0	8.7	6.5
MARKSMAN	5.5	7.0	6.0	4.3	8.4	7.9	7.0	5.3	4.8	8.7	6.5
TWILIGHT II (TMI-TW)	4.8	6.7	7.2	4.4	7.8	7.3	7.1	5.3	6.0	8.3	6.5
PSII-TF-9	5.3	5.7	6.5	4.3	7.6	7.9	7.1	.	5.3	8.7	6.5
ARIZONA (PICK FA 6-91)	6.0	5.5	6.8	4.7	8.3	8.0	6.8	5.0	5.6	8.3	6.5
MB 216	5.5	6.0	5.8	5.3	8.3	8.1	6.8	5.7	5.8	7.7	6.5
ISI-TF10	5.6	6.7	6.8	4.8	7.8	7.3	7.0	5.0	5.6	8.3	6.5
JSC-1	5.4	5.0	7.3	4.7	8.3	8.0	6.9	5.0	5.6	8.7	6.5
AIRLIE (MB 210)	5.8	4.0	7.5	4.6	8.2	7.9	7.3	5.7	5.4	8.3	6.5
BRAVO (RG-93)	5.4	6.0	7.2	5.1	7.5	7.8	7.2	5.3	5.3	8.0	6.5
MB 215	6.0	5.7	6.5	5.3	8.3	7.8	6.8	5.3	5.6	7.3	6.4
BANDANA (PST-R5AE)	4.9	5.7	7.0	4.9	7.7	7.7	7.5	5.3	5.0	8.3	6.4
DP 50-9011	5.2	5.3	7.7	4.5	8.2	8.1	7.1	5.0	5.0	8.0	6.4
LION	6.4	4.5	6.5	4.6	8.0	7.5	7.2	5.0	5.6	8.7	6.4
WVPB-1B	5.5	6.7	6.0	4.3	7.9	7.8	7.1	5.3	5.1	8.0	6.4
KITTY HAWK S.S.T. (SS45DW)	5.0	5.0	7.0	4.4	8.2	7.8	7.0	5.0	5.0	9.0	6.3
PICK FA UT-93	5.5	5.0	6.7	5.1	8.1	7.6	6.7	5.0	6.1	7.7	6.3
WPEZE (WVPB-1C)	4.5	6.0	6.8	4.6	7.6	8.0	7.2	5.3	4.9	8.3	6.3
AXIOM (ATF-192)	6.3	5.7	5.5	4.6	6.9	7.7	7.0	5.7	5.2	8.7	6.3
ARID	5.6	7.5	6.3	3.8	7.3	7.3	7.0	5.0	4.7	8.7	6.3
BONSAI	4.8	6.3	6.5	4.2	8.4	7.5	6.9	5.3	4.9	8.0	6.3
EQUINOX (TMI-N91)	5.1	7.3	6.5	4.1	7.4	7.2	6.7	5.3	5.6	7.7	6.3
DLF-1	5.3	5.0	6.8	4.1	7.6	7.5	7.1	5.7	5.3	8.3	6.3
PSII-TF-10	5.8	5.3	6.2	4.5	8.2	7.9	6.9	5.7	4.4	7.7	6.3
GOOD-EN (KOOS 96-14)	5.0	4.5	6.3	4.5	8.3	7.8	7.0	5.0	5.3	8.3	6.2
DP 7952	5.4	6.0	5.8	3.8	7.0	7.6	6.8	5.3	4.4	9.0	6.1
AV-1	4.8	7.0	5.3	3.7	7.1	7.4	6.7	5.0	4.7	8.7	6.0
KENTUCKY-31 W/ENDO.	4.7	5.3	4.2	2.3	5.2	5.7	5.8	5.0	3.3	8.7	5.0
LSD VALUE	1.2	2.7	1.0	0.6	0.7	0.7	0.8	0.7	0.9	1.2	0.3
C.V. (%)	25.6	25.8	12.6	16.0	10.6	10.3	13.7	8.7	17.5	8.6	15.1

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

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

TABLE 31.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	AR1	GA1	IL1	KS2	KY1	MO3	NE1	NE2	NJ1	OK1	SC2	VA9	MEAN
REMBRANDT (LTP-4026 E+)	7.3	7.7	6.5	8.3	8.0	7.5	8.9	7.6	7.0	7.4	6.8	8.3	7.6
MASTERPIECE (LTP-SD-TF)	6.7	8.0	6.2	7.7	8.3	7.8	8.6	7.7	6.7	7.5	6.3	9.0	7.5
PLANTATION (PENNINGTON-1901)	6.4	8.0	5.7	8.3	7.7	8.0	8.8	7.8	7.0	7.5	6.7	8.3	7.5
MILLENNIUM (TMI-RBR)	6.5	5.7	6.3	8.3	8.3	7.3	8.5	8.0	7.0	7.4	6.7	8.3	7.4
JAGUAR 3	7.3	7.0	5.8	6.7	8.7	6.9	8.8	7.7	5.7	7.2	6.3	9.0	7.3
SCORPIO (ZPS-2PTF)	6.9	6.0	6.3	6.7	7.7	7.5	8.8	7.9	6.7	7.6	6.3	8.7	7.2
DYNASTY (PICK RT-95)	6.4	7.0	6.3	7.0	7.7	7.8	8.5	7.7	6.0	7.3	6.3	8.7	7.2
SHENANDOAH II (WRS2)	6.8	6.7	6.3	7.7	7.0	7.4	8.4	7.6	6.3	7.3	6.5	8.7	7.2
CU9502T	6.3	6.7	6.2	7.7	7.0	7.1	8.7	7.8	6.7	7.4	6.7	8.0	7.2
WOLFPACK (PST-R5TK)	5.8	7.0	6.2	7.7	7.0	7.1	8.3	7.4	7.3	7.3	6.3	8.7	7.2
WATCHDOG (PICK FA B-93)	6.3	6.7	6.3	6.3	7.7	7.5	8.3	7.8	5.7	7.5	6.7	9.0	7.1
ONCUE (PST-523)	6.6	7.3	6.0	7.7	7.7	6.3	8.5	6.7	6.0	7.5	6.3	9.0	7.1
CROSSFIRE II	6.0	7.7	5.8	7.3	6.7	7.3	8.4	7.8	6.3	7.3	6.3	8.3	7.1
MUSTANG II	5.9	7.3	6.0	8.0	7.3	6.3	8.6	7.8	5.3	7.3	6.8	8.3	7.1
EMPRESS	5.7	7.3	6.5	7.7	6.7	7.1	8.6	7.4	5.7	7.4	6.3	8.7	7.1
BARLEXAS II (BAR FA 6LV)	5.9	6.3	6.0	8.0	7.7	6.9	8.3	7.7	5.7	7.1	6.3	8.3	7.0
FALCON III (MB 212)	6.3	6.3	5.8	7.7	6.7	6.7	8.5	7.9	6.3	7.0	6.7	8.3	7.0
DOMINION (PST-5M5)	6.2	7.0	6.3	7.7	6.3	7.3	8.9	7.9	5.0	7.3	6.2	8.0	7.0
COYOTE	6.6	6.0	6.0	7.3	7.0	7.5	8.7	7.2	6.0	7.3	6.3	8.0	7.0
GAZELLE	5.8	6.3	6.7	5.7	7.7	7.8	8.9	7.9	6.0	7.4	6.3	7.3	7.0
RESERVE (ATF-182)	6.3	6.7	5.7	7.3	6.7	6.3	8.2	7.9	6.3	7.2	6.7	8.0	6.9
OLYMPIC GOLD (PST-5E5)	6.3	7.3	5.7	7.0	6.7	7.0	8.4	7.4	5.3	7.3	6.2	8.7	6.9
R5AU	6.8	6.7	6.0	7.7	6.7	7.0	7.7	7.3	5.0	7.3	6.7	8.3	6.9
RED COAT (ATF-038)	7.3	5.7	5.5	7.3	5.7	6.9	8.6	7.9	5.7	7.3	6.7	8.3	6.9
DURANA (MB 211)	6.3	6.3	5.7	7.0	6.7	6.5	8.3	7.7	5.3	7.3	6.7	9.0	6.9
CU9501T	5.3	6.3	5.5	7.0	6.3	7.0	8.4	7.7	6.7	7.2	7.0	8.3	6.9
REBEL SENTRY (AA-A91)	6.3	5.3	6.3	8.0	5.7	7.1	8.5	8.0	5.0	7.1	6.7	8.7	6.9
TAR HEEL	6.1	7.0	5.7	6.0	7.3	6.6	8.1	7.7	6.0	7.3	6.5	8.3	6.9
ARID 3 (J-98)	6.6	6.3	6.2	7.0	6.0	7.3	8.5	7.9	4.7	7.1	6.7	8.3	6.9
OFI-931	6.3	5.7	6.0	8.7	6.3	7.3	8.2	7.4	4.3	7.3	6.3	8.7	6.9
PST-5TO	6.3	6.3	5.7	7.0	6.7	7.2	8.3	7.1	6.0	7.2	6.3	8.3	6.9
BARRINGTON (BAR FA6D USA)	5.6	5.7	6.0	7.3	7.7	6.8	8.0	7.8	5.3	7.3	6.5	8.3	6.9
BAR FA6 US2U	6.3	7.0	5.5	6.7	7.0	6.8	7.7	7.6	5.3	7.1	6.3	9.0	6.9
MB 214	6.4	6.0	6.2	7.3	6.3	7.3	8.4	7.9	4.3	7.1	6.7	8.3	6.9
ISI-TF11	6.3	6.7	5.7	8.0	6.3	6.3	8.1	8.0	4.7	7.3	6.5	8.3	6.8
CORONADO	5.3	7.0	5.7	6.3	6.0	6.8	8.1	7.9	6.3	7.3	6.5	8.7	6.8
TRACER (BAR FA6 US1)	6.7	6.0	5.5	6.7	7.3	7.5	8.0	7.9	4.0	7.3	6.3	8.7	6.8
BANDANA (PST-R5AE)	5.3	5.7	6.0	7.0	7.7	7.1	8.3	7.4	5.0	7.3	6.3	8.7	6.8
ISI-TF9	6.7	5.3	5.8	7.3	7.0	6.2	8.3	7.7	5.3	7.2	6.3	8.7	6.8
ATF-253	6.8	6.0	5.7	7.3	5.3	6.5	8.3	7.8	5.7	7.0	6.7	8.7	6.8
CORONADO GOLD (PST-5RT)	6.6	7.3	5.7	7.3	5.3	6.3	7.8	7.4	6.0	7.3	6.3	8.3	6.8
CHAPEL HILL (TA-7)	5.8	5.7	5.5	7.3	7.3	6.4	8.2	7.8	5.3	7.1	6.5	8.7	6.8
WILDFIRE (ATF-196)	6.0	6.3	5.7	6.3	6.0	6.7	8.8	7.9	5.3	7.4	6.7	8.3	6.8
ATF-257	6.5	5.0	5.8	7.0	7.0	6.3	8.5	7.1	6.0	7.0	6.7	8.3	6.8

TABLE 31. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY												
	AR1	GA1	IL1	KS2	KY1	MO3	NE1	NE2	NJ1	OK1	SC2	VA9	MEAN
BULLDAWG (PICK GA-96)	6.1	7.0	6.0	6.0	6.3	7.0	8.6	7.4	4.7	7.2	6.3	8.7	6.8
AZTEC II (TMI-AZ)	5.0	4.3	6.0	7.3	7.7	6.9	8.3	7.4	6.7	7.1	6.2	8.3	6.8
ANTHEM II (TMI-FMN)	5.8	4.3	5.8	7.0	8.0	6.6	8.3	7.0	6.0	7.3	6.7	8.3	6.8
ALAMO E	6.4	5.3	5.8	7.7	6.3	6.7	8.0	7.6	4.7	7.3	6.7	8.7	6.8
MB 213	6.4	5.0	5.8	8.3	6.7	6.8	8.0	7.6	5.0	7.1	6.7	7.7	6.8
SOUTHERN CHOICE	6.6	6.3	5.8	8.0	5.3	6.3	8.7	7.9	4.0	7.3	6.2	8.7	6.8
BONSAI 2000 (BULLET)	5.8	4.3	6.3	7.7	6.7	6.2	8.8	7.9	5.7	7.1	6.5	8.0	6.7
BRANDY (J-101)	6.5	5.7	5.7	7.7	5.3	6.9	8.6	8.0	4.0	7.1	6.7	8.7	6.7
SR 8210	6.1	4.3	5.7	8.0	7.0	6.7	7.8	7.7	5.0	7.2	6.3	9.0	6.7
REGIMENT	5.7	4.7	5.8	8.0	6.0	6.3	8.2	7.8	5.3	7.3	6.7	9.0	6.7
BRAVO (RG-93)	5.5	6.7	5.3	8.0	6.3	6.6	7.8	7.7	5.0	7.0	6.5	8.3	6.7
AIRLIE (MB 210)	5.8	6.0	5.7	7.7	6.0	6.6	8.5	7.6	5.0	7.2	6.7	8.0	6.7
HELIX (WVPB-1D)	5.5	6.3	5.2	8.0	7.3	5.9	8.1	7.8	4.7	7.2	6.3	8.3	6.7
TULSA	5.9	5.3	6.2	7.0	5.7	6.6	8.0	7.6	6.0	7.3	6.7	8.3	6.7
SR 8500 (SRX 8500)	6.3	4.0	6.0	6.3	7.3	7.1	8.8	8.0	4.7	7.3	6.3	8.3	6.7
GENESIS	5.8	6.0	6.2	7.7	6.3	6.1	7.8	8.1	4.3	7.1	6.5	8.7	6.7
SAFARI	6.2	6.7	5.2	7.7	6.7	6.3	8.3	7.6	4.3	7.4	6.3	7.7	6.7
PRO 8430	5.2	6.7	6.2	6.3	5.3	6.6	8.1	7.7	5.7	7.3	6.3	9.0	6.7
MB 29	6.8	5.7	5.7	7.7	5.7	6.7	8.3	7.6	4.7	7.3	6.7	7.7	6.7
APACHE II	5.8	6.3	5.5	7.3	5.3	6.3	8.3	8.0	4.7	7.3	6.5	8.7	6.7
TF 66 (BAR FA6 US6F)	5.7	6.0	5.8	7.7	6.7	6.6	7.8	7.6	4.7	7.3	6.0	8.3	6.7
REBEL 2000 (AA-989)	5.8	5.3	5.7	7.7	5.7	6.9	8.3	7.7	5.0	7.0	6.8	8.0	6.7
WYATT (ATF-188)	5.8	5.7	5.8	6.3	6.3	6.9	8.4	7.2	5.3	7.3	6.7	8.0	6.7
MB 26	6.4	4.7	5.8	6.0	4.7	7.4	8.3	8.1	5.3	7.3	6.8	9.0	6.6
OFI-FWY	6.5	5.7	5.7	7.7	5.3	6.4	8.0	7.9	4.3	7.0	6.3	8.7	6.6
ZANZIBAR (ZPS-5LZ)	6.8	6.0	5.8	5.3	6.3	7.5	7.9	7.7	4.3	7.2	6.2	8.3	6.6
PICK FA XK-95	6.4	5.0	5.5	7.0	5.7	6.7	8.3	7.2	5.3	7.4	6.2	8.7	6.6
MB 216	5.7	7.3	5.7	7.0	5.7	6.3	7.9	7.7	3.3	7.0	7.0	8.7	6.6
MB 28	5.6	5.0	5.2	8.0	6.0	6.8	8.2	7.4	4.7	7.3	6.7	8.3	6.6
RENEGADE	5.6	6.7	5.3	8.0	6.0	5.6	8.4	7.1	4.3	7.3	6.2	8.7	6.6
PICK FA 15-92	6.4	5.7	5.8	6.0	5.0	7.6	8.0	7.9	4.7	7.3	6.7	8.0	6.6
PIXIE E+	5.6	5.7	6.0	7.7	5.3	6.2	8.3	7.7	4.0	7.0	6.8	8.7	6.6
MARKSMAN	5.8	5.7	5.2	8.0	6.0	5.7	8.4	7.6	4.7	6.9	6.7	8.3	6.6
FALCON II	5.2	6.3	5.5	7.7	6.3	5.8	8.3	7.8	4.3	7.2	6.2	8.3	6.6
OFI-96-31	5.1	6.0	6.0	7.7	5.3	6.1	7.8	7.2	5.0	7.3	6.5	8.7	6.6
SHENANDOAH	5.8	4.7	5.5	8.0	6.7	6.1	7.5	7.8	5.0	7.2	6.5	8.0	6.6
VELOCITY (AA-983)	5.6	6.3	5.5	7.3	5.7	6.8	8.5	7.9	3.3	7.0	6.7	8.0	6.5
WX3-275	5.5	6.0	6.0	7.3	7.0	6.3	7.8	7.1	3.3	7.2	6.3	8.7	6.5
MB 215	5.8	5.3	5.3	7.7	5.7	6.9	7.8	7.6	4.0	7.0	6.7	8.7	6.5
OFI-951	5.6	4.7	5.7	6.3	6.0	7.2	8.6	7.7	4.7	7.2	6.2	8.7	6.5
ARID II (J-3)	6.3	5.0	5.8	6.7	5.7	6.4	8.1	7.6	4.7	7.1	6.7	8.3	6.5
KITTY HAWK S.S.T. (SS45DW)	5.0	6.0	5.7	6.7	6.7	5.7	8.1	7.4	4.3	7.2	6.5	9.0	6.5
SHORTSTOP II	5.6	4.3	6.5	5.3	6.7	7.3	8.6	7.9	4.0	7.0	6.7	8.3	6.5
DUSTER	5.8	5.0	5.3	7.3	6.7	6.4	7.9	7.8	4.0	7.2	6.0	8.7	6.5
LEPRECHAUN	5.1	7.0	5.0	7.0	6.0	6.3	7.9	7.7	3.7	7.1	6.3	9.0	6.5

TABLE 31. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY												
	AR1	GA1	IL1	KS2	KY1	MO3	NE1	NE2	NJ1	OK1	SC2	VA9	MEAN
AXIOM (ATF-192)	5.4	5.7	5.5	7.0	5.3	6.5	7.1	7.7	5.3	7.2	6.7	8.7	6.5
ATF-022	6.4	6.3	5.0	7.0	5.0	6.4	8.4	7.6	3.7	6.8	6.7	8.7	6.5
COMSTOCK (SSDE31)	5.8	5.7	5.0	7.3	6.3	6.1	8.1	7.6	4.0	7.0	6.5	8.7	6.5
FINELAWN PETITE	5.4	6.7	5.2	7.3	4.7	5.9	7.8	7.6	5.3	7.2	6.3	8.7	6.5
BARREIRA (BAR FA6 US3)	6.0	5.3	5.7	6.7	6.7	7.3	7.6	7.4	4.0	7.3	6.3	7.7	6.5
SRX 8084	5.2	6.0	5.8	7.3	6.0	6.3	8.2	7.4	4.0	7.3	6.3	8.0	6.5
SUNPRO	6.1	4.7	6.0	5.7	7.0	6.3	8.5	7.8	4.0	7.3	6.3	8.0	6.5
WVPB-1B	5.7	5.0	5.5	7.0	7.0	5.2	8.1	7.7	4.3	7.1	6.5	8.7	6.5
TITAN 2	5.4	6.0	5.8	8.0	6.0	5.4	7.7	7.3	4.0	7.2	6.5	8.3	6.5
ATF-020	6.2	5.0	5.3	6.3	6.3	6.9	8.0	6.9	4.3	6.9	6.7	8.7	6.5
OFI-96-32	5.9	6.3	5.3	7.3	5.3	5.7	7.8	7.9	3.7	7.1	6.5	8.7	6.5
TOMAHAWK-E	5.0	5.0	6.0	6.7	6.0	6.8	8.6	7.6	4.3	6.9	6.3	8.3	6.5
PSII-TF-9	5.8	6.0	5.0	7.7	6.3	5.9	7.5	7.4	3.7	7.0	6.3	8.7	6.4
BAR FA 6D	5.8	4.7	6.0	6.7	5.3	6.4	8.3	7.7	4.7	7.2	6.3	8.3	6.4
GLEN EAGLE (EC-101)	5.4	5.7	5.3	7.7	6.3	5.8	8.2	8.0	3.0	7.1	6.5	8.3	6.4
COCHISE II	6.5	5.3	5.3	5.7	5.3	7.3	7.9	7.4	4.0	7.2	6.3	9.0	6.4
PEDESTAL (PC-AO)	5.2	5.7	5.2	6.7	6.7	5.5	8.3	8.1	3.7	6.9	6.5	9.0	6.4
JSC-1	5.0	5.3	5.3	7.7	6.3	5.3	8.0	7.9	4.0	7.0	6.5	8.7	6.4
GOOD-EN (KOOS 96-14)	5.1	5.7	5.5	6.7	5.3	5.7	7.9	7.6	5.0	7.1	6.5	9.0	6.4
WPEZE (WVPB-1C)	5.3	6.7	5.2	7.0	6.0	5.5	7.9	7.4	4.3	7.0	6.3	8.3	6.4
EQUINCK (TMI-N91)	5.6	6.0	5.7	7.7	5.3	5.8	7.8	6.8	3.7	7.0	6.7	8.7	6.4
EA 41	5.3	3.7	5.7	7.0	5.3	6.8	7.8	7.0	5.7	7.3	6.2	8.7	6.4
ISI-TF10	6.2	5.0	5.5	7.0	5.3	6.8	7.4	7.3	4.3	7.0	6.2	8.0	6.3
ARIZONA (PICK FA 6-91)	5.3	5.7	5.5	6.3	5.3	6.4	8.1	7.4	3.7	6.9	6.7	8.3	6.3
ARABIA (J-5)	5.6	4.3	5.7	6.3	5.0	6.8	7.8	7.3	5.0	7.0	6.7	8.0	6.3
PSII-TF-10	5.3	6.3	5.8	7.0	4.3	5.9	8.3	7.9	3.3	7.0	6.3	8.0	6.3
ARID	5.3	6.0	4.8	7.7	6.7	4.5	7.8	7.6	4.0	6.8	6.7	7.7	6.3
PICK FA N-93	5.3	3.3	6.0	5.0	5.3	7.5	8.0	7.8	4.7	7.3	6.3	8.7	6.3
LION	6.3	4.3	5.5	6.7	6.0	6.3	7.7	7.1	4.0	7.2	6.3	8.0	6.3
JTTFA-96	5.4	4.7	4.7	6.3	6.3	5.3	7.7	7.7	5.3	7.3	6.2	8.3	6.3
JTTFC-96	6.1	5.3	4.8	7.3	6.3	4.8	7.8	7.6	4.3	7.2	6.2	7.3	6.3
TWILIGHT II (TMI-TW)	5.7	5.0	5.2	6.3	5.3	5.9	7.8	7.2	5.0	7.1	6.3	8.3	6.3
PICK FA 20-92	5.3	4.0	5.5	6.0	6.0	7.0	8.3	7.6	4.0	7.3	6.0	8.0	6.2
PICK FA UT-93	5.3	3.7	5.2	5.3	6.0	7.3	8.3	7.4	4.3	6.8	6.2	8.0	6.1
DP 50-9011	5.3	4.0	5.3	7.3	5.7	6.0	8.0	7.6	2.0	7.0	6.7	8.3	6.1
DLF-1	5.8	5.3	5.0	7.3	4.7	5.5	7.7	6.8	2.0	6.8	6.5	8.3	6.0
BONSAI	4.8	2.3	5.5	6.0	5.0	5.8	8.2	7.6	4.0	7.0	6.3	7.7	5.8
AV-1	4.5	5.3	5.0	6.7	4.3	4.4	7.4	7.6	1.7	6.7	6.5	8.0	5.7
DP 7952	4.3	3.0	4.3	7.3	5.7	4.5	7.3	7.1	4.0	6.8	6.7	7.0	5.7
KENTUCKY-31 W/ENDO.	3.1	5.0	3.3	6.7	3.3	2.5	4.7	6.2	1.0	5.5	6.3	8.0	4.6
LSD VALUE	0.8	1.4	0.7	1.4	1.7	0.8	0.7	0.9	2.1	0.4	1.3	1.2	0.3
C.V. (%)	16.6	15.5	10.6	11.9	16.7	16.2	10.2	13.4	26.8	7.1	18.3	8.6	13.7

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

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

TABLE 32. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AR1	ME1	MO1	MO3	OK1	SC2	MEAN
PIXIE E+	86.7	70.0	88.5	99.0	98.2	78.8	86.9
TITAN 2	88.3	71.7	90.7	99.0	98.2	64.8	85.5
MB 216	83.3	78.3	84.5	99.0	97.1	69.8	85.4
RENEGADE	86.7	68.3	91.8	99.0	98.2	65.0	84.8
APACHE II	88.3	70.0	88.3	99.0	97.6	64.8	84.7
REMERANDT (LTP-4026 E+)	83.3	60.0	83.5	98.3	98.0	79.7	83.8
ARID 3 (J-98)	85.0	76.7	71.7	99.0	97.3	73.0	83.8
MB 214	81.7	75.0	81.8	99.0	97.4	67.3	83.7
SOUTHERN CHOICE	85.0	65.0	87.2	99.0	98.1	67.5	83.6
MARKSMAN	81.7	66.7	88.0	98.3	98.2	67.5	83.4
MB 29	86.7	66.7	80.0	99.0	98.0	70.0	83.4
OLYMPIC GOLD (PST-5E5)	83.3	70.0	88.5	99.0	97.7	61.7	83.4
MUSTANG II	81.7	70.0	83.8	97.5	98.1	69.0	83.4
MILLENNIUM (TMI-RBR)	81.7	65.0	84.7	99.0	97.3	72.3	83.3
SAFARI	88.3	58.3	89.7	97.5	98.3	67.5	83.3
REGIMENT	85.0	53.3	87.7	99.0	98.6	75.8	83.2
AIRLIE (MB 210)	80.0	70.0	83.0	99.0	98.3	68.2	83.1
R5AU	83.3	60.0	87.2	99.0	98.1	70.0	82.9
ARID	85.0	55.0	88.3	95.3	98.3	74.8	82.8
OFI-FWY	86.7	65.0	82.2	99.0	97.7	65.8	82.7
COMSTOCK (SSDE31)	80.0	66.7	85.8	99.0	98.0	66.5	82.7
ATF-257	81.7	66.7	78.8	97.5	97.9	73.2	82.6
FALCON II	85.0	60.0	88.7	98.3	97.9	65.8	82.6
ISI-TF10	91.7	65.0	81.7	99.0	97.6	60.8	82.6
PLANTATION (PENNINGTON-1901)	80.0	60.0	87.2	99.0	96.9	72.3	82.6
SHENANDOAH	90.0	56.7	83.3	99.0	97.9	68.2	82.5
GOOD-EN (KOOS 96-14)	86.7	56.7	87.7	99.0	95.7	69.0	82.4
CU9501T	71.7	65.0	81.0	97.5	98.1	80.7	82.3
ATF-020	80.0	63.3	81.7	98.3	97.3	73.2	82.3
CHAPEL HILL (TA-7)	78.3	66.7	85.0	99.0	98.0	66.5	82.3
BRANDY (J-101)	86.7	60.0	78.8	99.0	97.4	71.5	82.2
OFI-96-31	88.3	60.0	83.8	99.0	98.1	64.0	82.2
CU9502T	80.0	61.7	81.7	99.0	98.4	71.7	82.1
GENESIS	81.7	61.7	85.3	99.0	97.9	66.7	82.0
OFI-931	76.7	70.0	81.3	99.0	98.2	66.7	82.0
REBEL 2000 (AA-989)	83.3	65.0	71.7	99.0	96.0	76.5	81.9
DURANA (MB 211)	83.3	63.3	80.8	99.0	98.4	66.5	81.9
DLF-1	78.3	60.0	85.2	98.3	98.2	71.3	81.9
WATCHDOG (PICK FA B-93)	80.0	66.7	79.7	99.0	96.0	70.0	81.9
FINELAWN PETITE	75.0	68.3	87.2	98.3	98.0	64.2	81.8
RESERVE (ATF-182)	86.7	60.0	73.0	99.0	98.2	74.0	81.8
CROSSFIRE II	81.7	68.3	84.2	96.8	97.3	62.5	81.8
TOMAHAWK-E	83.3	80.0	71.7	98.3	96.7	60.8	81.8
KENTUCKY-31 W/ENDO.	86.7	56.7	93.5	91.2	98.1	64.2	81.7
KITTY HAWK S.S.T. (SS45DW)	83.3	56.7	85.2	99.0	97.7	68.2	81.7

TABLE 32. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS							
NAME	AR1	ME1	MO1	MO3	OK1	SC2	MEAN
MB 26	83.3	56.7	82.2	99.0	98.1	70.7	81.7
EQUINOX (TMI-N91)	83.3	50.0	86.7	99.0	97.7	73.2	81.6
MB 213	78.3	66.7	79.2	99.0	97.6	67.3	81.3
FALCON III (MB 212)	78.3	63.3	83.0	99.0	97.6	66.5	81.3
ATF-022	80.0	66.7	72.8	99.0	98.1	70.7	81.2
JTTFC-96	83.3	66.7	85.7	95.3	97.8	58.3	81.2
WVPB-1B	80.0	63.3	84.0	99.0	98.0	62.3	81.1
DUSTIER	83.3	68.3	79.3	97.5	97.2	60.0	81.0
ATF-253	83.3	55.0	78.3	99.0	98.2	71.7	80.9
BRAVO (RG-93)	81.7	58.3	86.8	99.0	97.3	61.7	80.8
PRO 8430	83.3	63.3	78.7	97.5	97.8	64.2	80.8
COYOTE	75.0	75.0	74.7	99.0	97.4	63.3	80.7
BARLEXAS II (BAR FA 6LV)	88.3	56.7	80.2	98.3	98.2	62.5	80.7
LEPRECHAUN	80.0	56.7	84.2	99.0	98.3	65.7	80.6
DOMINION (PST-5M5)	78.3	66.7	83.3	99.0	97.1	59.2	80.6
CORNADO	85.0	53.3	83.0	99.0	98.0	64.8	80.5
ONCUE (PST-523)	81.7	58.3	83.8	99.0	97.6	62.5	80.5
REBEL SENTRY (AA-A91)	78.3	55.0	83.8	99.0	96.9	69.8	80.5
GLEN EAGLE (EC-101)	73.3	65.0	83.2	99.0	97.4	64.2	80.4
SRX 8084	78.3	56.7	87.8	97.5	97.3	64.2	80.3
ISI-TF9	85.0	60.0	80.8	99.0	96.9	60.0	80.3
LION	85.0	61.7	78.3	99.0	96.7	60.8	80.3
HELIX (WVPB-1D)	91.7	46.7	86.3	96.7	98.1	61.7	80.2
MB 28	76.7	61.7	81.7	99.0	97.8	64.2	80.2
JAGUAR 3	80.0	63.3	80.0	99.0	98.0	60.0	80.1
DP 7952	86.7	38.3	84.3	98.3	98.6	74.0	80.0
JTTFA-96	85.0	50.0	87.3	97.5	96.9	63.3	80.0
TULSA	78.3	53.3	79.2	99.0	98.3	71.7	80.0
MB 215	60.3	73.3	80.8	99.0	96.4	69.0	79.8
BAR FA 6D	81.7	53.3	83.3	97.5	97.6	64.2	79.6
BULLDWAG (PICK GA-96)	73.3	61.7	80.3	99.0	97.3	65.0	79.4
ANTHEM II (TMI-FMN)	80.0	51.7	78.0	99.0	98.1	69.8	79.4
ALAMO E	85.0	41.7	81.7	96.8	97.9	73.2	79.4
PSII-TF-9	81.7	46.7	85.8	99.0	98.2	64.2	79.3
WX3-275	76.7	63.3	79.2	99.0	95.7	61.7	79.3
BONSAI 2000 (BULLET)	75.0	51.7	84.3	99.0	97.8	67.3	79.2
RED COAT (ATF-038)	83.3	50.0	73.2	99.0	97.1	71.5	79.0
ISI-TF11	81.7	48.3	85.0	99.0	98.2	61.7	79.0
AZTEC II (TMI-AZ)	76.7	51.7	80.8	99.0	98.3	67.3	79.0
PEDESTAL (PC-AO)	85.0	43.3	82.5	99.0	96.9	66.7	78.9
TAR HEEL	81.7	53.3	76.3	99.0	96.7	65.8	78.8
GAZELLE	81.7	61.7	72.8	97.5	97.3	61.7	78.8
OFI-96-32	78.3	45.0	87.7	99.0	98.2	64.2	78.7
EMPRESS	81.7	51.7	80.8	99.0	98.1	60.8	78.7
TF 66 (BAR FA6 US6F)	86.7	55.0	75.8	99.0	98.1	57.5	78.7

TABLE 32. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS							
NAME	AR1	ME1	MO1	MO3	OK1	SC2	MEAN
AXIOM (ATF-192)	76.7	46.7	79.2	99.0	97.9	72.3	78.6
BONSAI	80.0	53.3	80.0	99.0	97.3	61.7	78.6
WPEZE (WVPB-1C)	81.7	46.7	83.5	99.0	96.3	63.3	78.4
DP 50-9011	81.7	46.7	77.0	99.0	97.6	68.2	78.3
PICK FA 20-92	76.7	56.7	81.7	99.0	96.8	59.2	78.3
SCORPIO (ZPS-2PTF)	85.0	43.3	83.8	99.0	96.2	62.5	78.3
BAR FA6 US2U	83.3	53.3	73.7	99.0	97.9	62.5	78.3
MASTERPIECE (LTP-SD-TF)	80.0	48.3	82.5	99.0	97.3	62.5	78.3
BARRERA (BAR FA6 US3)	80.0	56.7	75.8	99.0	97.2	60.8	78.3
SUNPRO	83.3	53.3	76.2	99.0	97.3	60.0	78.2
CORNADO GOLD (PST-5RT)	80.0	55.0	76.7	99.0	97.3	60.8	78.1
ZANZIBAR (ZPS-5LZ)	75.0	66.7	71.3	99.0	96.6	59.2	78.0
WYATT (ATF-188)	75.0	50.0	80.0	97.5	97.9	66.5	77.8
ARID II (J-3)	81.7	50.0	67.8	99.0	97.7	70.7	77.8
EA 41	80.0	50.0	77.5	99.0	97.8	61.7	77.7
SHENANDOAH II (WRS2)	73.3	53.3	80.5	99.0	97.1	62.5	77.6
ARIZONA (PICK FA 6-91)	80.0	46.7	73.2	99.0	97.3	69.0	77.5
SR 8500 (SRX 8500)	76.7	53.3	79.2	99.0	95.4	60.8	77.4
SR 8210	78.3	45.0	82.2	99.0	97.8	61.7	77.3
WOLFPAK (PST-R5TK)	76.7	45.0	80.8	99.0	98.6	62.5	77.1
BARRINGTON (BAR FA6D USA)	68.3	60.0	72.3	99.0	95.7	65.8	76.9
WILDFIRE (ATF-196)	85.0	31.7	79.7	99.0	96.4	69.0	76.8
PSII-TF-10	71.7	46.7	81.7	99.0	98.1	63.3	76.7
TWILIGHT II (TMI-TW)	81.7	40.0	78.3	97.5	96.8	65.8	76.7
VELOCITY (AA-983)	73.3	56.7	62.5	96.0	97.2	73.2	76.5
TRACER (BAR FA6 US1)	73.3	51.7	78.7	99.0	96.6	59.2	76.4
BANDANA (PST-R5AE)	71.7	41.7	83.0	99.0	98.1	63.3	76.1
JSC-1	56.7	63.3	75.8	99.0	97.1	63.3	75.9
OFI-951	78.3	41.7	73.7	99.0	97.4	64.8	75.8
AV-1	63.3	56.7	82.5	89.8	97.2	63.2	75.5
ARABIA (J-5)	76.7	51.7	64.2	96.8	96.9	66.5	75.5
DYNASTY (PICK RT-95)	59.3	53.3	82.5	99.0	97.2	60.0	75.2
PICK FA 15-92	75.0	40.0	71.2	99.0	97.0	69.0	75.2
COCHISE II	76.7	35.0	78.3	99.0	97.4	62.5	74.8
PST-5TO	65.0	41.7	78.0	99.0	98.0	61.7	73.9
SHORTSTOP II	75.0	23.3	75.0	99.0	96.8	70.7	73.3
PICK FA XK-95	80.0	30.0	73.7	99.0	97.1	58.3	73.0
PICK FA N-93	68.3	38.3	71.7	99.0	96.9	61.7	72.6
PICK FA UT-93	68.3	25.0	69.2	99.0	90.8	62.5	69.1
LSD VALUE	16.3	23.2	17.1	2.1	2.6	28.4	6.6
C.V. (%)	12.6	25.4	18.6	1.8	2.9	37.8	16.9

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

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

TABLE 33. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	DE1	GAL	ME1	MO1	MO3	OK1	SC2	MEAN
MUSTANG II	84.4	89.7	73.3	85.8	99.0	94.7	93.2	80.0	87.5
R5AU	85.6	88.3	80.0	83.3	98.7	98.7	93.3	70.7	87.3
REMBRANDT (LTP-4026 E+)	73.3	91.3	80.0	88.3	97.3	95.2	94.3	75.7	86.9
ATF-257	82.7	89.7	77.3	87.5	96.0	98.7	92.9	69.0	86.7
PLANTATION (PENNINGTON-1901)	70.6	88.3	79.2	89.2	98.7	99.0	93.3	74.8	86.6
JAGUAR 3	93.3	90.0	78.3	82.5	97.7	99.0	93.3	57.5	86.4
RED COAT (ATF-038)	91.1	93.3	74.2	79.2	93.3	97.9	91.3	70.7	86.4
ISI-TF11	87.2	91.7	69.2	83.3	98.0	99.0	94.5	64.2	85.9
FALCON III (MB 212)	81.7	94.0	62.5	88.3	96.3	99.0	94.0	69.2	85.6
DURANA (MB 211)	87.2	82.7	68.8	81.7	98.3	99.0	95.8	71.5	85.6
TULSA	77.8	85.7	80.8	83.3	96.7	99.0	92.2	69.0	85.6
MILLENNIUM (TMI-RBR)	66.1	91.3	77.0	92.5	97.0	97.5	93.8	68.2	85.4
AIRLIE (MB 210)	68.9	96.5	66.7	90.0	97.3	98.3	94.5	70.8	85.4
ISI-TF9	92.7	90.0	63.0	85.0	98.0	99.0	94.1	60.0	85.2
RESERVE (ATF-182)	76.1	75.7	85.0	84.2	97.3	98.3	92.4	72.3	85.2
CORONADO GOLD (PST-5RT)	90.0	81.3	77.5	80.8	96.7	99.0	92.8	62.5	85.1
TITAN 2	77.2	96.3	65.8	87.5	98.7	99.0	92.3	63.3	85.0
AXIOM (ATF-192)	77.1	87.7	72.0	85.0	97.0	99.0	92.4	69.8	85.0
MB 213	87.2	85.3	63.3	83.3	96.3	99.0	93.8	70.0	84.8
CU9501T	61.1	91.0	73.3	86.7	98.0	99.0	92.3	76.5	84.7
MB 29	83.2	77.3	65.0	85.8	98.7	98.3	92.9	76.7	84.7
OLYMPIC GOLD (PST-5E5)	62.8	94.0	80.0	84.2	98.3	99.0	94.4	64.2	84.6
WATCHDOG (PICK FA B-93)	71.7	81.7	67.5	92.5	97.3	98.3	92.2	75.0	84.5
COCHISE II	85.0	86.7	64.0	82.5	97.7	98.3	92.2	69.2	84.4
SAFARI	58.9	90.3	74.2	89.2	97.3	98.7	96.3	69.2	84.3
SOUTHERN CHOICE	67.8	90.7	69.2	86.7	97.7	98.7	92.4	70.8	84.2
JTTFA-96	85.0	91.7	63.0	80.0	98.3	99.0	91.8	65.0	84.2
CHAPEL HILL (TA-7)	76.7	85.0	63.3	87.5	98.3	99.0	94.0	69.2	84.1
COYOTE	89.4	69.5	66.7	90.8	95.7	99.0	93.5	67.5	84.0
JTTFC-96	87.2	90.0	65.0	82.5	98.3	96.4	93.8	58.3	84.0
MASTERPIECE (LTP-SD-TF)	81.1	87.5	79.0	75.8	97.7	99.0	93.1	58.3	83.9
PIXIE E+	57.8	86.0	70.7	88.3	98.0	99.0	94.2	77.3	83.9
SHENANDOAH II (WRS2)	66.7	92.3	75.0	78.3	97.3	99.0	93.3	69.2	83.9
DLF-1	71.1	91.0	58.3	80.8	99.0	98.3	95.1	77.3	83.9
ATF-253	74.4	76.3	76.5	85.0	95.7	99.0	90.4	73.2	83.8
LION	94.4	85.0	59.2	78.3	98.3	99.0	93.4	62.5	83.8
GENESIS	75.0	85.0	68.3	85.8	98.7	99.0	94.3	63.3	83.7
COMSTOCK (SSDE31)	91.1	80.0	60.0	86.7	96.7	99.0	92.5	63.3	83.7
SHENANDOAH	72.2	94.3	63.0	85.8	98.0	99.0	93.4	62.5	83.5
REBEL SENTRY (AA-A91)	64.4	90.0	79.2	80.0	98.0	99.0	91.1	66.5	83.5
ARIZONA (PICK FA 6-91)	78.9	87.5	63.3	85.0	95.7	98.7	90.1	69.0	83.5
BRANDY (J-101)	83.9	86.0	57.5	87.5	98.0	99.0	90.3	65.7	83.5
RENEGADE	56.1	87.7	73.3	88.3	98.3	99.0	95.7	68.3	83.3
APACHE II	70.6	85.0	61.0	87.5	99.0	99.0	93.8	70.0	83.2
TAR HEEL	67.8	87.7	72.5	80.0	95.7	99.0	89.8	73.3	83.2

TABLE 33. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS									
NAME	AR1	DE1	GA1	ME1	MO1	MO3	OK1	SC2	MEAN
MB 216	69.4	81.7	63.3	92.5	99.0	99.0	93.3	67.5	83.2
WOLFPACK (PST-R5TK)	79.4	71.3	86.6	72.5	96.3	99.0	94.9	65.0	83.1
MB 215	78.3	85.3	63.3	83.3	96.3	99.0	93.3	65.8	83.1
MB 214	76.7	85.0	59.2	88.3	97.0	99.0	91.8	67.5	83.1
CU9502T	63.3	92.0	69.2	84.2	97.3	99.0	90.3	69.0	83.0
MB 28	68.9	91.0	61.0	84.2	97.7	99.0	94.9	67.5	83.0
FINELAWN PETITE	77.8	87.3	66.7	84.2	99.0	95.0	93.0	60.8	83.0
ATF-020	84.4	70.0	70.0	83.3	97.3	99.0	91.1	68.2	82.9
OFI-96-31	63.9	92.7	61.7	87.5	98.7	98.3	94.8	65.8	82.9
ARID 3 (J-98)	69.4	85.0	74.0	83.3	94.0	99.0	90.8	67.3	82.9
OFI-FWY	72.2	85.0	60.0	85.0	98.3	99.0	93.7	69.2	82.8
EQUINOX (TMI-N91)	63.8	86.3	69.2	85.0	98.3	99.0	94.3	66.5	82.8
REBEL 2000 (AA-989)	51.1	87.3	73.0	91.7	93.3	97.0	93.2	74.8	82.7
WILDFIRE (ATF-196)	76.7	78.3	76.7	75.0	95.0	99.0	91.6	69.0	82.7
PRO 8430	76.7	89.7	62.5	80.8	98.3	97.9	92.5	62.5	82.6
MARKSMAN	61.1	90.0	65.0	89.2	99.0	99.0	92.6	65.0	82.6
DOMINION (PST-5M5)	71.7	79.0	75.0	81.7	98.3	99.0	96.2	60.0	82.6
JSC-1	69.4	87.3	68.3	83.3	94.7	99.0	92.0	66.7	82.6
WYATT (ATF-188)	70.6	93.3	61.7	80.8	98.3	98.7	88.3	68.3	82.5
ALAMO E	76.7	85.0	60.8	78.3	98.7	97.8	92.7	69.8	82.5
OFI-96-32	70.0	82.5	70.8	77.5	98.0	99.0	92.4	69.0	82.4
ARID	76.1	76.0	75.8	80.8	99.0	95.8	89.9	65.7	82.4
CROSSFIRE II	59.4	89.3	75.8	81.7	98.7	97.4	93.2	62.5	82.3
ARID II (J-3)	71.7	92.0	69.0	80.8	91.7	99.0	85.7	68.2	82.3
KITTY HAWK S.S.T. (SS45DW)	58.3	96.0	65.0	83.3	97.0	99.0	91.8	67.5	82.3
PST-5TO	71.6	85.3	72.0	72.5	98.0	99.0	92.7	65.0	82.0
HELIX (WVPB-1D)	66.1	88.3	76.7	73.3	97.7	99.0	92.2	62.5	82.0
ANTHEM II (TMI-FMN)	69.4	76.0	69.0	83.3	97.0	99.0	93.7	68.2	82.0
TWILIGHT II (TMI-TW)	60.6	86.0	78.3	72.5	98.3	98.3	93.7	67.5	81.9
ONCUE (PST-523)	60.6	76.7	75.7	84.2	98.3	98.3	95.5	65.0	81.8
KENTUCKY-31 W/ENDO.	77.2	89.3	69.2	73.3	99.0	85.8	92.0	67.5	81.7
BAR FA6 US2U	62.8	91.7	63.8	87.5	96.3	99.0	92.6	59.2	81.6
VELOCITY (AA-983)	66.7	84.7	72.0	83.3	93.3	93.5	89.2	69.0	81.5
GOOD-EN (KOCS 96-14)	58.9	90.0	55.8	85.0	98.3	99.0	92.0	72.5	81.4
OFI-931	65.0	85.0	58.3	90.0	96.3	99.0	90.3	67.5	81.4
BRAVO (RG-93)	61.1	87.7	70.0	84.2	97.7	99.0	90.2	61.7	81.4
GLEN EAGLE (EC-101)	60.6	84.0	65.8	84.2	98.3	99.0	92.8	65.8	81.3
ATF-022	69.4	67.5	74.0	86.7	94.7	97.9	90.2	69.8	81.3
EMPRESS	68.3	89.7	67.0	75.8	97.0	98.7	93.3	60.0	81.2
WVPB-1B	67.8	78.3	66.0	81.7	99.0	98.7	92.3	65.8	81.2
PSII-TF-9	67.8	85.7	65.0	81.7	98.7	97.9	92.8	60.0	81.2
LEPRECHAUN	76.1	78.3	68.3	80.0	97.3	97.2	89.5	62.5	81.2
TOMAHAWK-E	61.7	88.3	62.0	90.0	94.3	95.8	88.2	68.3	81.1
BULLDAWG (PICK GA-96)	62.8	81.0	69.2	82.5	97.3	98.3	91.2	65.8	81.0
ISI-TF10	77.2	87.0	50.8	81.7	97.7	99.0	93.5	60.8	81.0

TABLE 33. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 1997-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/									
NAME	AR1	DE1	GAI	ME1	MO1	MO3	OK1	SC2	MEAN
TRACER (BAR FA6 US1)	68.3	90.0	56.7	85.0	97.3	99.0	92.8	58.3	80.9
MB 26	73.9	75.0	49.0	86.7	96.0	99.0	92.9	74.2	80.8
REGIMENT	49.4	92.0	68.0	80.8	98.0	98.3	91.9	68.2	80.8
EA 41	80.6	86.0	52.0	77.5	98.7	98.7	92.3	60.8	80.8
WPEZE (WVPB-1C)	52.2	90.7	60.8	87.5	97.7	99.0	92.5	65.8	80.8
SRX 8084	65.0	85.0	63.3	83.3	98.0	95.6	92.3	63.3	80.7
DYNASTY (PICK RT-95)	60.0	89.0	70.0	80.8	97.0	99.0	91.3	58.3	80.7
DP 50-9011	72.2	91.7	54.0	80.8	95.7	99.0	89.6	62.3	80.7
PSII-TF-10	80.6	85.3	53.3	80.8	97.7	99.0	87.7	60.8	80.7
BONSAI 2000 (BULLET)	61.1	76.7	64.2	80.8	97.3	99.0	93.2	71.7	80.5
SR 8210	77.2	84.3	56.7	77.5	98.0	99.0	90.8	60.0	80.4
PICK FA N-93	74.4	94.7	48.3	79.2	94.3	97.1	93.0	62.5	80.4
CORONADO	61.1	67.0	72.5	81.7	97.7	99.0	90.6	71.7	80.1
ZANZIBAR (ZPS-5LZ)	65.6	76.7	62.5	90.0	97.0	98.3	90.3	60.8	80.1
DP 7952	81.7	81.0	39.2	80.0	97.7	98.7	90.3	71.5	80.0
ARABIA (J-5)	77.2	86.7	47.5	80.0	94.0	94.3	93.5	66.5	80.0
PICK FA 15-92	70.0	90.7	57.0	72.5	96.0	99.0	87.1	67.3	79.9
BARLEXAS II (BAR FA 6LV)	47.2	87.3	70.0	85.0	98.0	96.3	89.8	65.8	79.9
FALCON II	43.3	89.7	68.3	80.8	98.3	98.7	90.1	70.0	79.9
AZTEC II (TMI-AZ)	52.8	79.3	71.3	77.5	96.3	98.3	95.6	67.5	79.8
BARRINGTON (BAR FA6D USA)	53.9	83.3	64.0	86.7	95.0	98.3	92.5	62.5	79.5
OFI-951	67.8	83.3	58.0	70.8	97.3	99.0	90.4	69.2	79.5
BANDANA (PST-R5AE)	51.1	93.7	63.3	69.2	98.3	99.0	94.8	65.8	79.4
WX3-275	58.9	72.0	66.0	79.2	98.0	98.7	93.3	69.2	79.4
BAR FA 6D	60.0	77.5	66.0	78.3	97.0	94.0	94.3	67.5	79.3
TF 66 (BAR FA6 US6F)	42.8	89.0	65.8	82.5	96.3	97.9	95.0	61.7	78.9
BARRERA (BAR FA6 US3)	52.8	89.3	58.0	80.0	96.7	99.0	93.6	60.0	78.7
PICK FA 20-92	60.6	82.5	57.0	87.5	97.0	98.7	90.8	55.0	78.6
SCORPIO (ZPS-2PTF)	61.1	73.3	68.3	77.5	98.7	99.0	90.9	58.3	78.4
AV-1	64.4	88.0	64.2	68.3	98.3	88.0	88.7	66.5	78.3
SUNPRO	57.8	83.3	54.2	85.0	96.0	99.0	92.9	57.5	78.2
SR 8500 (SRX 8500)	65.0	72.3	54.2	86.7	97.7	99.0	90.3	60.0	78.1
DUSTER	56.1	71.7	60.8	82.5	96.3	97.4	92.8	65.0	77.8
PEDESTAL (PC-AO)	48.3	79.0	60.0	77.5	98.0	99.0	92.8	61.7	77.0
GAZELLE	40.0	76.7	64.2	81.7	96.7	97.9	90.1	66.7	76.7
PICK FA XK-95	65.0	65.0	62.5	75.8	95.7	98.3	91.8	57.5	76.4
BONSAI	58.3	93.3	44.0	73.3	98.0	90.3	90.0	61.7	76.1
PICK FA UT-93	67.8	84.7	39.2	74.2	93.7	99.0	85.5	65.0	76.1
SHORTSTOP II	56.7	78.3	45.8	68.3	96.0	99.0	90.7	65.7	75.1
LSD VALUE	16.4	21.6	18.2	13.6	2.9	3.1	6.7	15.6	4.3
C.V. (%)	25.4	15.3	23.6	14.4	1.8	3.9	9.0	20.5	14.1

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

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

TABLE 34. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/										
	AR1	DE1	GA1	IN1	KY1	MO1	MO3	NJ2	OK1	SC2	MEAN
MUSTANG II	92.7	88.3	95.0	75.0	96.0	99.0	96.7	84.7	97.6	90.7	91.6
MASTERPIECE (LTP-SD-TF)	88.9	87.5	99.0	76.7	92.7	98.7	99.0	84.5	98.6	81.7	90.7
ATF-257	92.0	90.0	97.7	63.3	95.7	97.7	99.0	86.8	97.3	86.3	90.6
REMBRANDT (LTP-4026 E+)	86.1	88.3	89.7	73.3	96.7	98.7	97.6	87.3	97.7	88.8	90.4
MILLENNIUM (TMI-RBR)	81.0	85.7	99.0	73.3	97.7	98.7	97.5	85.5	98.1	85.7	90.2
JTTFA-96	91.6	91.7	99.0	80.0	81.0	99.0	99.0	83.0	97.5	80.0	90.2
R5AU	88.3	86.7	99.0	71.7	94.0	99.0	99.0	80.7	97.3	84.0	90.0
PIXIE E+	83.2	90.5	87.7	78.3	92.0	99.0	99.0	81.8	97.0	87.8	89.6
SHENANDOAH	86.6	88.3	92.5	73.3	96.0	99.0	99.0	82.3	98.1	80.8	89.6
JAGUAR 3	94.8	83.3	94.7	70.0	96.0	99.0	99.0	81.3	98.3	78.3	89.5
WOLFPACK (PST-R5TK)	91.1	76.7	99.0	75.0	91.7	97.3	99.0	84.5	98.8	81.7	89.5
ISI-TF11	94.2	88.3	85.0	66.7	95.0	99.0	99.0	85.5	98.1	83.3	89.4
BRAVO (RG-93)	80.0	91.7	97.7	71.7	87.3	99.0	99.0	87.0	97.6	80.8	89.2
ONCUE (PST-523)	82.8	90.0	91.0	73.3	93.0	98.7	97.5	84.3	98.5	82.5	89.2
PLANTATION (PENNINGTON-1901)	86.6	81.7	99.0	70.0	88.0	99.0	99.0	82.8	98.3	87.2	89.2
SAFARI	80.6	88.3	94.7	71.7	94.0	98.7	99.0	83.0	98.8	82.5	89.1
DURANA (MB 211)	93.2	83.3	91.3	70.0	89.0	99.0	99.0	82.8	98.3	83.2	88.9
ISI-TF9	95.8	88.0	82.5	66.7	95.3	98.3	99.0	84.3	97.8	80.0	88.8
TAR HEEL	84.9	86.7	93.0	63.3	96.0	95.7	99.0	84.7	97.2	87.3	88.8
SHENANDOAH II (WRS2)	84.9	83.3	94.7	66.7	96.0	97.7	99.0	83.8	98.3	82.5	88.7
OLYMPIC GOLD (PST-5E5)	85.4	90.0	94.5	65.0	93.7	99.0	99.0	79.7	98.7	81.7	88.7
CHAPEL HILL (TA-7)	86.0	81.7	93.0	70.0	96.0	99.0	99.0	79.2	98.6	84.2	88.7
AXIOM (ATF-192)	87.7	91.3	87.5	71.7	85.0	97.7	99.0	84.5	97.9	83.3	88.6
CU9501T	83.9	82.3	88.0	68.3	92.0	99.0	99.0	83.5	98.3	91.2	88.5
TULSA	85.6	83.3	94.5	75.0	88.3	98.7	99.0	80.3	97.7	83.0	88.5
WYATT (ATF-188)	87.1	85.0	86.7	80.0	80.0	99.0	99.0	86.0	98.0	84.2	88.5
SCORPIO (ZPS-2PTF)	83.9	88.3	94.7	68.3	89.7	99.0	99.0	83.8	97.8	80.0	88.4
FALCON III (MB 212)	88.9	81.7	93.0	70.0	94.0	96.3	99.0	81.8	97.4	81.5	88.4
RESERVE (ATF-182)	87.7	73.3	99.0	61.7	95.3	97.7	98.7	86.5	98.6	84.8	88.3
DOMINION (PST-5M5)	89.3	88.3	89.7	63.3	93.3	99.0	99.0	83.8	98.5	77.5	88.2
ARID	88.2	90.0	87.7	73.3	94.7	99.0	97.1	70.8	96.8	84.2	88.2
PST-5TO	87.7	78.3	92.5	65.0	96.3	99.0	99.0	83.3	98.6	81.7	88.1
HELIX (WVPB-1D)	81.7	89.3	97.7	56.7	99.0	97.7	99.0	80.8	98.0	80.8	88.1
CORONADO GOLD (PST-SRT)	93.1	76.7	99.0	66.7	84.0	97.7	99.0	87.7	98.3	78.3	88.0
WVPB-1B	79.3	85.0	97.0	75.0	96.3	99.0	99.0	70.0	98.0	81.5	88.0
REBEL SENTRY (AA-A91)	82.7	78.3	94.3	75.0	88.3	99.0	99.0	83.7	97.5	82.2	88.0
CU9502T	76.7	84.7	88.0	75.0	94.7	99.0	99.0	81.3	98.1	83.0	87.9
ATF-022	83.3	90.0	99.0	60.0	89.3	96.0	99.0	81.3	97.9	83.0	87.9
CROSSFIRE II	75.0	83.3	91.3	80.0	85.7	99.0	96.7	88.5	97.7	81.7	87.9
APACHE II	86.0	83.3	84.5	73.3	87.7	99.0	99.0	83.0	98.1	84.0	87.8
SRX 8084	83.9	93.0	83.0	71.7	90.7	98.7	96.8	80.3	98.1	81.7	87.8
WATCHDOG (PICK FA B-93)	84.9	80.0	86.3	70.0	92.0	98.7	97.5	81.3	97.7	89.0	87.7
REGIMENT	77.2	85.0	89.5	76.7	87.3	98.3	99.0	82.3	97.8	84.2	87.7
RED COAT (ATF-038)	93.2	86.7	84.7	70.0	88.3	93.3	97.5	78.8	97.9	84.7	87.5
RENEGADE	80.6	91.7	89.7	68.3	92.0	99.0	99.0	75.8	98.2	80.8	87.5

TABLE 34. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS										
	AR1	DE1	GA1	IN1	KY1	MO1	MO3	NJ2	OK1	SC2	MEAN
OFI-931	76.7	88.3	91.7	70.0	86.7	98.0	99.0	83.3	98.8	82.5	87.5
SR 8210	87.8	80.0	80.0	73.3	96.3	99.0	99.0	84.8	98.3	75.8	87.4
ANTHEM II (TMI-FMN)	84.4	80.0	92.5	63.3	94.7	98.7	99.0	78.0	98.3	84.8	87.4
ATF-253	90.4	85.0	92.7	61.7	83.3	96.3	99.0	81.5	98.0	85.7	87.4
DYNASTY (PICK RT-95)	76.1	88.3	93.0	66.7	93.0	97.7	99.0	83.7	98.4	77.5	87.3
FINELAWN PETITE	89.4	85.0	94.7	63.3	92.7	99.0	98.3	73.3	97.7	80.0	87.3
BRANDY (J-101)	90.0	83.3	88.0	68.3	83.3	98.7	99.0	81.7	97.6	83.0	87.3
MB 28	81.7	82.5	90.0	66.7	90.7	99.0	99.0	82.0	97.9	83.3	87.3
GENESIS	83.3	73.3	93.0	75.0	90.0	99.0	99.0	80.0	98.3	81.7	87.3
MB 213	94.2	81.7	83.3	66.7	86.7	98.3	99.0	81.7	97.2	83.8	87.3
COYOTE	92.7	77.5	88.0	60.0	90.3	97.3	99.0	87.8	98.8	80.8	87.2
ALAMO E	86.6	68.3	93.0	65.0	91.7	99.0	99.0	84.8	97.6	87.2	87.2
BONSAI 2000 (BULLET)	67.7	86.7	96.0	66.7	92.0	98.7	99.0	83.2	98.3	84.0	87.2
ARID II (J-3)	87.7	86.7	94.5	56.7	84.0	94.3	99.0	84.3	96.7	87.3	87.1
LEPRECHAUN	85.0	80.0	90.0	75.0	88.7	98.7	98.7	74.3	98.3	81.5	87.0
ATF-020	91.1	81.7	81.7	63.3	90.3	97.7	99.0	82.0	97.7	85.5	87.0
TITAN 2	91.6	81.7	89.3	73.3	75.0	99.0	99.0	79.2	98.0	83.2	86.9
MB 214	87.8	90.0	80.0	75.0	84.0	97.7	99.0	75.0	98.1	82.5	86.9
SUNPRO	75.6	91.7	78.3	75.0	93.7	97.3	99.0	80.8	97.9	79.2	86.8
COCHISE II	91.6	83.3	94.5	65.0	76.3	99.0	99.0	80.8	97.6	80.8	86.8
PRO 8430	85.0	81.7	93.0	66.7	83.0	99.0	98.7	81.7	98.3	80.8	86.8
MARKSMAN	75.6	81.7	91.0	73.3	87.3	99.0	99.0	79.2	97.6	83.2	86.7
EQUINOX (TMI-N91)	78.8	78.3	94.7	66.7	85.7	99.0	99.0	81.7	97.9	84.8	86.7
MB 29	90.4	81.7	84.5	68.3	85.0	99.0	99.0	81.2	97.3	80.0	86.6
AZTEC II (TMI-AZ)	67.2	85.0	89.7	73.3	92.0	96.3	99.0	82.3	98.2	82.5	86.6
CORONADO	78.3	68.3	94.7	68.3	89.7	97.7	99.0	85.5	98.6	84.8	86.5
BAR FA 6D	77.8	85.0	94.5	71.7	85.7	97.7	97.7	78.5	98.4	77.5	86.4
SOUTHERN CHOICE	84.3	83.0	88.0	75.0	76.7	99.0	99.0	78.0	98.4	82.5	86.4
BULLDAWG (PICK GA-96)	75.6	86.7	84.7	76.7	77.3	98.7	98.3	83.0	98.6	83.3	86.3
MB 215	88.3	83.3	89.7	66.7	85.7	98.7	99.0	69.2	97.1	83.2	86.1
BARLEXAS II (BAR FA 6LV)	72.2	83.3	94.5	65.0	92.7	99.0	96.8	82.0	97.8	77.5	86.1
EMPRESS	78.3	90.0	80.0	63.3	89.7	97.3	99.0	83.2	98.8	80.8	86.0
BANDANA (PST-R5AE)	76.6	80.0	78.3	70.0	94.3	99.0	99.0	83.8	98.3	80.8	86.0
OFI-FWY	86.1	83.3	86.3	65.0	82.3	98.7	99.0	80.0	98.4	80.8	86.0
OFI-96-31	80.0	77.3	90.0	76.7	75.0	99.0	99.0	83.5	98.5	80.7	86.0
PSII-TF-9	83.9	78.3	88.0	68.3	85.7	99.0	99.0	77.8	97.9	81.7	86.0
REBEL 2000 (AA-989)	76.1	70.0	97.0	73.3	84.0	96.0	98.7	80.3	96.7	86.3	85.8
TWILIGHT II (TMI-TW)	85.4	87.3	94.7	56.7	79.0	99.0	99.0	77.5	97.8	81.7	85.8
ISI-TF10	88.2	83.3	86.7	63.3	81.7	98.3	99.0	79.0	97.6	80.0	85.7
GLEN EAGLE (EC-101)	81.6	80.0	88.0	68.3	86.3	99.0	99.0	73.3	97.8	82.5	85.6
VELOCITY (AA-983)	83.2	73.3	92.0	66.7	93.3	96.0	96.4	75.0	97.4	82.3	85.6
KITTY HAWK S.S.T. (SS45DW)	73.3	83.3	81.7	63.3	89.7	97.7	99.0	84.2	98.6	84.0	85.5
MB 216	85.6	79.0	91.3	60.0	88.0	99.0	99.0	68.8	97.5	86.3	85.5
DLF-1	82.6	78.3	89.7	66.7	82.3	99.0	99.0	71.7	98.2	86.3	85.4
AIRLIE (MB 210)	88.2	65.0	83.3	73.3	86.3	98.3	97.5	79.7	98.6	82.5	85.3

TABLE 34. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS											
NAME	AR1	DE1	GA1	IN1	KY1	MO1	MO3	NJ2	OK1	SC2	MEAN
PSII-TF-10	90.4	78.3	79.7	63.3	88.0	97.7	99.0	78.0	97.8	80.0	85.2
JTTF-96	92.1	80.0	91.7	68.3	80.0	98.7	97.3	70.5	98.1	75.0	85.2
COMSTOCK (SSDE31)	94.8	70.0	83.3	58.3	89.0	98.7	99.0	76.7	97.0	82.3	84.9
OFI-951	82.8	70.0	87.5	63.3	88.3	99.0	99.0	80.8	97.9	80.0	84.9
JSC-1	87.0	78.3	87.7	65.0	88.0	96.0	99.0	67.5	97.7	82.5	84.9
DP 7952	91.1	88.3	66.7	71.7	71.7	98.7	99.0	80.8	96.6	84.0	84.9
OFI-96-32	86.7	80.0	68.0	63.3	94.7	98.7	99.0	75.5	98.2	84.2	84.8
FALCON II	68.3	78.3	96.0	66.7	81.7	99.0	99.0	80.3	98.3	80.0	84.8
DP 50-9011	84.3	78.3	82.5	63.3	90.0	97.3	99.0	73.3	97.1	80.7	84.6
ARIZONA (PICK FA 6-91)	89.9	85.0	87.7	58.3	80.0	96.3	99.0	73.3	97.0	79.2	84.6
WX3-275	72.2	73.3	92.5	63.3	86.7	98.7	99.0	81.2	97.3	80.8	84.5
MB 26	82.2	85.0	75.0	65.0	77.3	97.0	99.0	82.2	97.5	84.0	84.4
EA 41	86.0	85.0	75.0	56.7	88.3	99.0	99.0	80.8	98.3	75.8	84.4
GAZELLE	68.9	78.3	81.7	60.0	89.3	98.3	97.5	89.0	97.5	82.5	84.3
WILDFIRE (ATF-196)	88.2	86.7	63.0	66.7	76.7	96.3	99.0	86.8	97.3	82.3	84.3
ARID 3 (J-98)	81.7	66.7	89.5	63.3	80.7	97.3	99.0	83.8	96.8	84.0	84.3
GOOD-EN (KOOS 96-14)	78.9	80.0	76.3	65.0	84.0	99.0	99.0	80.5	96.4	83.3	84.2
PEDESTAL (PC-AO)	78.9	85.0	73.3	63.3	87.3	99.0	99.0	76.7	96.7	81.5	84.1
LION	96.3	65.0	81.7	56.7	86.3	99.0	99.0	76.3	98.1	80.8	83.9
SR 8500 (SRX 8500)	74.4	78.3	76.7	68.3	87.3	98.7	99.0	82.8	96.7	75.8	83.8
ARABIA (J-5)	85.0	88.3	80.0	53.3	78.3	95.7	96.8	80.7	97.7	82.3	83.8
BARRINGTON (BAR FA6D USA)	74.4	80.0	87.5	60.0	84.0	94.3	99.0	79.2	97.8	80.0	83.6
WPEZE (WVPB-1C)	72.8	70.0	88.0	63.3	87.3	97.7	99.0	80.5	95.5	81.7	83.6
TF 66 (BAR FA6 US6F)	70.6	88.3	83.3	60.0	85.7	97.3	99.0	77.2	97.9	75.0	83.4
BAR FA6 US2U	83.9	83.3	73.3	65.0	80.0	97.3	99.0	73.3	98.4	79.2	83.3
DUSTER	76.1	83.3	85.0	65.0	73.3	98.0	97.5	76.7	98.0	79.2	83.2
ZANZIBAR (ZPS-5LZ)	85.4	75.0	81.7	53.3	86.7	97.7	97.5	79.2	97.7	77.5	83.2
TOMAHAWK-E	72.2	75.0	90.0	60.0	89.0	96.0	98.3	74.7	96.9	79.2	83.1
PICK FA 15-92	83.8	81.7	75.0	60.0	81.7	96.3	99.0	72.5	96.7	80.8	82.7
PICK FA XK-95	73.9	77.3	83.3	61.7	83.3	97.3	98.7	79.2	97.7	75.0	82.7
BONSAI	80.6	88.3	77.5	68.3	63.3	99.0	98.3	74.2	98.6	79.2	82.7
PICK FA N-93	75.6	73.3	68.3	70.0	84.0	96.0	98.7	81.5	98.2	76.7	82.2
PICK FA 20-92	65.6	72.5	87.5	66.7	81.7	98.3	99.0	81.2	97.8	71.7	82.2
PICK FA UT-93	80.6	76.7	70.0	61.7	79.0	97.3	99.0	75.8	97.2	77.5	81.5
TRACER (BAR FA6 US1)	81.1	66.7	78.3	65.0	78.0	98.0	99.0	74.5	97.6	75.8	81.4
BARRERA (BAR FA6 US3)	75.6	86.7	52.5	60.0	86.7	97.7	99.0	75.0	98.3	77.5	80.9
AV-1	80.4	73.3	75.0	65.0	85.7	99.0	93.3	55.0	94.9	83.2	80.5
KENTUCKY-31 W/ENDO.	88.2	81.7	91.7	63.3	50.0	99.0	90.8	50.0	94.1	82.5	79.1
SHORTSTOP II	68.9	73.3	51.7	63.3	88.0	96.7	99.0	70.5	96.2	80.7	78.8
LSD VALUE	10.1	16.3	24.2	13.5	13.6	2.6	1.4	16.4	1.7	11.3	3.0
C.V. (%)	13.1	12.1	16.1	12.5	9.7	1.7	1.8	18.0	2.2	12.1	9.6

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

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

TABLE 35. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	CA1	II2	OK1	VA1	VA4	MEAN
SHENANDOAH II (WRS2)	7.0	5.0	4.6	6.0	6.3	5.8
ONCUE (PST-523)	7.0	5.7	4.6	6.3	5.3	5.8
JAGUAR 3	7.0	5.3	4.3	6.2	6.0	5.8
JTTFA-96	7.0	5.0	4.9	7.0	4.7	5.7
MASTERPIECE (LTP-SD-IF)	7.0	5.0	4.3	6.2	6.0	5.7
EMPRESS	7.3	4.7	4.1	6.2	5.7	5.6
BARRERA (BAR FA6 US3)	7.0	4.0	4.2	6.7	6.0	5.6
CHAPEL HILL (TA-7)	7.0	3.7	4.6	6.2	6.3	5.5
CROSSFIRE II	7.3	4.3	4.3	5.7	6.0	5.5
CU9501T	7.0	3.7	4.3	6.3	6.3	5.5
R5AU	7.0	4.3	4.0	5.7	6.7	5.5
RESERVE (ATF-182)	7.0	4.7	4.7	5.5	5.7	5.5
SCORPIO (ZPS-2PTF)	7.3	4.7	4.3	5.3	5.7	5.5
PLANTATION (PENNINGTON-1901)	7.3	4.0	4.4	5.5	6.0	5.5
REMBRANDT (LTP-4026 E+)	7.0	5.0	4.4	5.2	5.7	5.5
FALCON II	6.7	4.7	4.6	6.0	5.3	5.4
GENESIS	7.0	3.7	4.6	6.0	6.0	5.4
CU9502T	7.0	4.3	4.3	6.2	5.3	5.4
RED COAT (ATF-038)	7.0	4.0	4.6	5.5	6.0	5.4
TRACER (BAR FA6 US1)	7.0	3.7	4.2	6.2	6.0	5.4
OFI-951	7.0	4.3	4.2	5.2	6.3	5.4
PST-5TO	7.0	4.3	4.2	5.8	5.7	5.4
BULLDAWG (PICK GA-96)	7.0	4.3	4.0	5.0	6.7	5.4
BANDANA (PST-R5AE)	7.0	4.3	4.3	5.3	6.0	5.4
BARLEXAS II (BAR FA 6LV)	7.0	3.7	4.1	5.5	6.7	5.4
GLEN EAGLE (EC-101)	7.0	3.7	4.4	6.2	5.7	5.4
APACHE II	7.0	4.0	4.1	5.8	6.0	5.4
PICK FA 20-92	7.0	3.7	4.1	6.2	6.0	5.4
REBEL SENTRY (AA-A91)	7.0	4.7	4.2	5.3	5.7	5.4
COMSTOCK (SSDE31)	6.3	4.7	4.3	5.8	5.7	5.4
CORONADO	7.0	3.7	4.3	5.8	6.0	5.4
COYOTE	7.0	4.0	4.3	5.5	6.0	5.4
DYNASTY (PICK RT-95)	7.0	4.3	4.1	5.0	6.3	5.4
OFI-FWY	7.0	3.7	4.2	6.2	5.7	5.3
ISI-TF9	7.0	4.3	4.2	5.5	5.7	5.3
LEPRECHAUN	7.0	3.7	3.9	6.2	6.0	5.3
PICK FA XK-95	7.0	4.3	4.2	5.5	5.7	5.3
TF 66 (BAR FA6 US6F)	7.0	4.7	4.0	5.3	5.7	5.3
MILLENNIUM (TMI-RBR)	7.3	3.7	4.3	5.0	6.3	5.3
PEDESTAL (PC-AO)	7.0	3.7	4.1	5.8	6.0	5.3
BRAVO (RG-93)	7.0	3.7	4.2	5.3	6.3	5.3
OLYMPIC GOLD (PST-5E5)	7.0	4.0	4.3	5.2	6.0	5.3
WOLFPACK (PST-R5TK)	7.0	4.7	4.0	5.5	5.3	5.3
SOUTHERN CHOICE	7.0	4.0	4.1	5.3	6.0	5.3

TABLE 35. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

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

NAME	CA1	IL2	OK1	VA1	VA4	MEAN
BAR FA6 US2U	6.7	4.3	3.9	6.2	5.3	5.3
ISI-TF10	7.0	3.7	4.2	5.2	6.3	5.3
SAFARI	7.0	3.7	4.2	5.8	5.7	5.3
SHORTSTOP II	7.0	3.7	3.9	5.5	6.3	5.3
WATCHDOG (PICK FA B-93)	7.0	4.0	4.2	5.2	6.0	5.3
WPEZE (WVPB-1C)	7.0	3.7	4.2	5.8	5.7	5.3
FALCON III (MB 212)	7.0	4.3	4.3	5.3	5.3	5.3
PICK FA 15-92	7.0	4.0	4.0	5.2	6.0	5.2
AV-1	6.3	3.7	4.4	6.3	5.3	5.2
DP 50-9011	7.0	3.0	4.4	6.0	5.7	5.2
JTIFC-96	6.7	3.3	4.6	6.5	5.0	5.2
MB 26	7.0	3.3	4.2	4.8	6.7	5.2
AIRLIE (MB 210)	7.0	3.7	4.0	5.7	5.7	5.2
BONSAI 2000 (BULLET)	7.0	3.3	4.3	5.3	6.0	5.2
COCHISE II	7.0	3.0	4.3	5.7	6.0	5.2
GAZELLE	7.3	4.0	4.0	5.3	5.3	5.2
RENEGADE	7.0	4.0	4.3	5.3	5.3	5.2
BAR FA 6D	7.0	3.0	4.1	5.8	6.0	5.2
DURANA (MB 211)	7.0	3.7	4.2	5.3	5.7	5.2
MARKSMAN	6.3	4.7	4.2	5.7	5.0	5.2
MUSTANG II	7.0	3.7	4.2	5.7	5.3	5.2
OFI-96-31	7.0	3.7	4.2	4.7	6.3	5.2
ZANZIBAR (ZPS-5LZ)	7.3	3.7	3.9	5.0	6.0	5.2
JSC-1	6.7	3.7	4.3	5.5	5.7	5.2
MB 213	7.0	3.3	4.0	4.8	6.7	5.2
ARID II (J-3)	7.0	4.0	4.0	4.8	6.0	5.2
PICK FA UT-93	7.0	3.7	4.0	4.5	6.7	5.2
MB 28	7.0	3.3	4.1	5.3	6.0	5.2
SUNPRO	7.0	4.0	3.8	5.0	6.0	5.2
ISI-TF11	7.0	4.0	4.4	5.0	5.3	5.2
CORONADO GOLD (PST-5RT)	7.0	4.0	4.2	5.2	5.3	5.1
SHENANDOAH	6.7	4.3	4.2	5.8	4.7	5.1
DP 7952	6.7	3.3	4.7	6.3	4.7	5.1
OFI-96-32	7.3	3.3	4.0	5.3	5.7	5.1
PICK FA N-93	7.0	4.3	4.0	4.7	5.7	5.1
SR 8210	7.0	4.0	4.3	6.0	4.3	5.1
MB 215	7.0	3.7	4.1	4.5	6.3	5.1
PSII-TF-10	7.0	3.7	4.1	5.2	5.7	5.1
SR 8500 (SRX 8500)	7.0	4.0	4.1	4.5	6.0	5.1
ARABIA (J-5)	6.7	4.0	3.9	4.7	6.3	5.1
PIXIE E+	7.0	3.0	4.1	5.7	5.7	5.1
MB 216	6.7	3.3	4.4	5.0	6.0	5.1
REGIMENT	7.0	3.3	4.4	5.3	5.3	5.1
MB 214	7.3	3.7	4.2	4.2	6.0	5.1
WVPB-1B	7.0	3.0	4.6	5.5	5.3	5.1

TABLE 35. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

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

NAME	CA1	IL2	OK1	VA1	VA4	MEAN
EQUINOX (TMI-N91)	7.0	3.3	4.4	5.2	5.3	5.1
EA 41	7.0	3.3	4.2	4.7	6.0	5.0
ARID 3 (J-98)	6.7	3.3	3.9	5.0	6.3	5.0
SRX 8084	7.0	4.0	4.2	5.0	5.0	5.0
BRANDY (J-101)	7.0	3.3	4.0	4.8	6.0	5.0
BARRINGTON (BAR FA6D USA)	7.0	3.3	4.2	5.2	5.3	5.0
LION	7.0	3.7	4.2	5.2	5.0	5.0
ARID	6.7	3.0	4.4	6.2	4.7	5.0
ANTHEM II (TMI-FMN)	7.0	3.7	4.2	4.3	5.7	5.0
DOMINION (PST-5M5)	7.0	3.7	4.1	4.3	5.7	5.0
TOMAHAWK-E	7.0	2.3	4.1	5.3	6.0	5.0
KITTY HAWK S.S.T. (SS45DW)	7.3	2.7	4.1	5.3	5.3	5.0
MB 29	7.0	2.7	4.2	5.2	5.7	4.9
TAR HEEL	7.0	3.7	4.3	5.3	4.3	4.9
PRO 8430	7.0	3.3	4.4	5.5	4.3	4.9
PSII-TF-9	7.0	3.3	4.1	4.5	5.7	4.9
DLF-1	6.7	3.7	4.2	5.7	4.3	4.9
WYATT (ATF-188)	7.0	3.3	4.2	5.0	5.0	4.9
FINELAWN PETITE	7.0	3.3	4.6	4.3	5.3	4.9
OFI-931	7.0	2.7	4.3	4.8	5.7	4.9
AZTEC II (TMI-AZ)	6.7	2.7	4.2	4.8	6.0	4.9
DUSTER	6.3	3.0	4.2	5.7	5.0	4.8
TULSA	7.0	3.0	4.2	4.7	5.3	4.8
ARIZONA (PICK FA 6-91)	7.0	3.0	4.0	4.8	5.3	4.8
AXIOM (ATF-192)	6.7	2.7	4.4	4.7	5.7	4.8
GOOD-EN (KOOS 96-14)	7.0	3.3	4.1	5.0	4.7	4.8
TITAN 2	6.7	3.3	4.2	5.5	4.3	4.8
VELOCITY (AA-983)	7.0	3.0	3.9	4.2	5.7	4.7
HELIX (WVPB-1D)	6.3	3.3	4.1	5.5	4.3	4.7
TWILIGHT II (TMI-TW)	7.0	2.0	4.4	4.2	6.0	4.7
REBEL 2000 (AA-989)	7.0	3.0	3.9	4.3	5.3	4.7
ATF-253	7.0	3.0	4.1	4.5	4.7	4.7
BONSAI	7.0	3.0	4.1	4.2	5.0	4.7
ATF-257	7.0	3.0	4.1	3.8	5.3	4.7
ALAMO E	7.0	2.0	3.8	4.0	6.3	4.6
ATF-020	6.7	2.7	4.1	4.0	5.3	4.6
WILDFIRE (ATF-196)	6.7	2.3	4.1	5.0	4.7	4.6
WX3-275	7.0	2.7	3.9	4.2	5.0	4.5
KENTUCKY-31 W/ENDO.	5.3	2.7	4.4	5.7	4.0	4.4
ATF-022	7.0	2.0	3.7	4.0	5.3	4.4
LSD VALUE	0.5	1.3	0.9	1.1	1.1	0.5
C.V. (%)	4.1	21.5	23.1	18.4	12.0	17.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ WINTER COLOR RATED AT "CA1" IN 1997, AT "IL2" IN 2000, AT "OK1" IN 1998-2000, AT "VA1" IN 1999-2000 AND AT "VA4" IN 1999.

TABLE 36.

DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	DE1	VA1	MEAN	NAME	DE1	VA1	MEAN
CU9502T	7.7	6.0	6.8	VELOCITY (AA-983)	6.7	4.7	5.7
REMBRANDT (LTP-4026 E+)	7.0	6.7	6.8	BARRERA (BAR FA6 US3)	7.0	4.3	5.7
REBEL SENTRY (AA-A91)	6.8	6.3	6.6	FALCON III (MB 212)	7.0	4.3	5.7
TF 66 (BAR FA6 US6F)	7.0	6.0	6.5	JAGUAR 3	7.0	4.3	5.7
GENESIS	6.5	6.3	6.4	KITTY HAWK S.S.T. (SS45DW)	7.0	4.3	5.7
WOLFPACK (PST-R5TK)	6.5	6.3	6.4	MB 26	6.3	5.0	5.7
MB 29	6.7	6.0	6.3	PICK FA XK-95	6.3	5.0	5.7
SCORPIO (ZPS-2PTF)	7.3	5.3	6.3	WATCHDOG (PICK FA B-93)	6.3	5.0	5.7
ARABIA (J-5)	7.2	5.3	6.3	BARRINGTON (BAR FA6D USA)	6.5	4.7	5.6
DUSTER	6.8	5.7	6.3	BRANDY (J-101)	6.5	4.7	5.6
PEDESTAL (PC-AO)	6.8	5.7	6.3	MB 216	7.2	4.0	5.6
REGIMENT	6.5	6.0	6.3	MILLENNIUM (TMI-RBR)	6.2	5.0	5.6
OFI-931	6.7	5.7	6.2	OFI-96-32	6.5	4.7	5.6
OLYMPIC GOLD (PST-5E5)	7.0	5.3	6.2	ONCUE (PST-523)	6.5	4.7	5.6
PIXIE E+	7.3	5.0	6.1	RESERVE (ATF-182)	6.5	4.7	5.6
DYNASTY (PICK RT-95)	7.2	5.0	6.1	PICK FA 15-92	6.8	4.3	5.6
MB 215	7.2	5.0	6.1	PST-5TO	6.8	4.3	5.6
SHENANDOAH II (WRS2)	6.5	5.7	6.1	TAR HEEL	6.8	4.3	5.6
WPEZE (WVPB-1C)	6.8	5.3	6.1	COYOTE	5.8	5.3	5.5
MASTERPIECE (LTP-SD-TF)	6.8	5.3	6.1	ATF-257	6.7	4.3	5.5
ATF-253	6.7	5.3	6.0	AZTEC II (TMI-AZ)	6.7	4.3	5.5
BARLEXAS II (BAR FA 6LV)	7.3	4.7	6.0	BAR FA6 US2U	6.7	4.3	5.5
GOOD-EN (KOOS 96-14)	6.0	6.0	6.0	BRAVO (RG-93)	6.3	4.7	5.5
HELIX (WVPB-1D)	7.0	5.0	6.0	COCHISE II	6.3	4.7	5.5
MARKSMAN	7.3	4.7	6.0	CU9501T	6.7	4.3	5.5
OFI-FWY	6.3	5.7	6.0	EMPRESS	6.7	4.3	5.5
SOUTHERN CHOICE	6.3	5.7	6.0	FINELAWN PETITE	7.0	4.0	5.5
ZANZIBAR (ZPS-5LZ)	6.3	5.7	6.0	ISI-TF11	6.3	4.7	5.5
DP 50-9011	7.2	4.7	5.9	PSII-TF-9	6.7	4.3	5.5
BULLDAWG (PICK GA-96)	7.5	4.3	5.9	RED COAT (ATF-038)	6.3	4.7	5.5
JTTFA-96	6.8	5.0	5.9	RENEGADE	6.3	4.7	5.5
PRO 8430	7.5	4.3	5.9	SAFARI	7.0	4.0	5.5
MB 28	6.8	5.0	5.9	SHORTSTOP II	6.3	4.7	5.5
EA 41	6.7	5.0	5.8	WILDFIRE (ATF-196)	6.3	4.7	5.5
FALCON II	6.7	5.0	5.8	WVPB-1B	7.0	4.0	5.5
TITAN 2	7.0	4.7	5.8	WYATT (ATF-188)	6.7	4.3	5.5
CHAPEL HILL (TA-7)	6.3	5.3	5.8	BAR FA 6D	6.6	4.3	5.5
PLANTATION (PENNINGTON-1901)	6.3	5.3	5.8	AV-1	7.2	3.7	5.4
LION	7.3	4.3	5.8	ISI-TF10	6.2	4.7	5.4
DLF-1	6.8	4.7	5.8	ARID II (J-3)	6.8	4.0	5.4
ISI-TF9	7.2	4.3	5.8	ATF-020	6.5	4.3	5.4
LEPRECHAUN	6.8	4.7	5.8	BONSAI	6.8	4.0	5.4
OFI-96-31	6.8	4.7	5.8	CORONADO	6.5	4.3	5.4
REBEL 2000 (AA-989)	6.7	4.7	5.7	CROSSFIRE II	6.8	4.0	5.4

TABLE 36. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING

NAME	DE1	VA1	MEAN
DOMINION (PST-5M5)	6.8	4.0	5.4
DURANA (MB 211)	6.5	4.3	5.4
GAZELLE	6.8	4.0	5.4
OPI-951	6.8	4.0	5.4
PICK FA N-93	6.5	4.3	5.4
R5AU	5.8	5.0	5.4
AIRLIE (MB 210)	5.8	5.0	5.4
JTTFC-96	6.8	4.0	5.4
ATF-022	7.4	3.3	5.4
ALAMO E	6.7	4.0	5.3
ANTHEM II (TMI-FMN)	6.7	4.0	5.3
SR 8210	5.7	5.0	5.3
ARID	7.0	3.7	5.3
KENTUCKY-31 W/ENDO.	7.0	3.7	5.3
SHENANDOAH	6.3	4.3	5.3
TULSA	7.0	3.7	5.3
PICK FA 20-92	6.6	4.0	5.3
ARID 3 (J-98)	6.5	4.0	5.3
GLEN EAGLE (EC-101)	6.8	3.7	5.3
MB 213	6.8	3.7	5.3
PICK FA UT-93	6.2	4.3	5.3
PSII-TF-10	7.2	3.3	5.3
SR 8500 (SRX 8500)	6.8	3.7	5.3
COMSTOCK (SSDE31)	5.8	4.7	5.2
SRX 8084	7.0	3.3	5.2
BONSAI 2000 (BULLET)	6.3	4.0	5.2
ARIZONA (PICK FA 6-91)	6.3	4.0	5.1
MB 214	6.2	4.0	5.1
MUSTANG II	6.5	3.7	5.1
SUNPRO	5.8	4.3	5.1
TRACER (BAR FA6 US1)	6.5	3.7	5.1
AXIOM (ATF-192)	6.0	4.0	5.0
JSC-1	6.2	3.7	4.9
TOMAHAWK-E	6.8	3.0	4.9
TWILIGHT II (TMI-TW)	6.7	3.0	4.8
APACHE II	5.8	3.7	4.8
CORONADO GOLD (PST-5RT)	6.5	3.0	4.8
EQUINOX (TMI-N91)	6.8	2.7	4.8
BANDANA (PST-R5AE)	6.3	3.0	4.7
DP 7952	6.2	3.0	4.6
WX3-275	6.2	3.0	4.6
LSD VALUE	1.7	2.5	1.4
C.V. (%)	22.1	34.5	26.8

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

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

3/ DROUGHT TOLERANCE (WILTING) RATED AT "DE1" IN 1997-98 AND AT "VA1" IN 1999.

TABLE 37.

DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/									
NAME	DE1	MI1	VA1	MEAN	NAME	DE1	MI1	VA1	MEAN
LION	6.0	8.0	3.7	5.9	PSII-TF-9	6.3	7.0	2.0	5.1
KITTY HAWK S.S.T. (SS45DW)	6.7	7.7	3.0	5.8	WVPB-1B	5.3	7.0	3.0	5.1
MARKSMAN	6.7	7.3	3.0	5.7	WYATT (ATF-188)	5.3	7.0	3.0	5.1
REMERANDT (LTP-4026 E+)	6.3	7.7	3.0	5.7	ALAMO E	6.0	6.7	2.3	5.0
BARLEXAS II (BAR FA 6LV)	6.3	7.5	3.0	5.6	JTTFA-96	6.7	6.0	2.3	5.0
EQUINOX (TMI-N91)	6.3	7.7	2.7	5.6	ATF-257	5.7	6.3	3.0	5.0
OFI-96-32	6.5	7.3	2.7	5.5	AXIOM (ATF-192)	4.7	7.3	3.0	5.0
WATCHDOG (PICK FA B-93)	6.0	7.7	2.7	5.4	DURANA (MB 211)	5.3	6.7	3.0	5.0
CU9502T	6.0	7.3	3.0	5.4	HELIX (WVPB-1D)	5.0	7.0	3.0	5.0
KENTUCKY-31 W/ENDO.	6.3	8.0	2.0	5.4	JAGUAR 3	5.3	6.7	3.0	5.0
OLYMPIC GOLD (PST-5E5)	6.0	7.3	3.0	5.4	MB 213	6.7	5.7	2.7	5.0
ARID	7.0	6.7	2.3	5.3	OFI-951	5.0	7.0	3.0	5.0
BARRERA (BAR FA6 US3)	5.7	7.0	3.3	5.3	PICK FA 15-92	5.7	6.7	2.7	5.0
BRANDY (J-101)	6.0	7.3	2.7	5.3	PICK FA N-93	6.3	6.3	2.3	5.0
BAR FA 6D	5.5	7.0	3.3	5.3	PICK FA XK-95	5.3	6.3	3.3	5.0
PIXIE E+	6.5	7.0	2.3	5.3	PLANTATION (PENNINGTON-1901)	5.0	7.0	3.0	5.0
ATF-022	7.0	6.3	2.3	5.2	R5AU	5.3	7.7	2.0	5.0
AZTEC II (TMI-AZ)	5.7	7.7	2.3	5.2	RED COAT (ATF-038)	6.0	6.0	3.0	5.0
BAR FA6 US2U	6.0	6.3	3.3	5.2	TF 66 (BAR FA6 US6F)	6.3	5.3	3.3	5.0
COMSTOCK (SSDE31)	5.0	7.3	3.3	5.2	ATF-253	5.3	7.0	2.7	5.0
DP 50-9011	6.0	7.0	2.7	5.2	SOUTHERN CHOICE	5.3	7.0	2.7	5.0
EA 41	6.3	5.7	3.7	5.2	SR 8500 (SRX 8500)	5.0	7.3	2.7	5.0
FALCON III (MB 212)	5.7	6.7	3.3	5.2	SR 8210	3.7	7.7	3.3	4.9
MB 215	6.3	6.3	3.0	5.2	TWILIGHT II (TMI-TW)	5.7	6.7	2.3	4.9
MILLENNIUM (TMI-RBR)	5.0	7.7	3.0	5.2	ANTHEM II (TMI-FMN)	6.0	6.3	2.3	4.9
PRO 8430	6.3	7.0	2.3	5.2	COCHISE II	5.7	6.3	2.7	4.9
RESERVE (ATF-182)	6.3	5.7	3.7	5.2	ISI-TF11	5.0	7.3	2.3	4.9
SCORPIO (ZPS-2PTF)	6.3	6.3	3.0	5.2	LEPRECHAUN	5.7	6.3	2.7	4.9
TULSA	6.3	6.3	3.0	5.2	MASTERPIECE (LTP-SD-TF)	7.0	4.3	3.3	4.9
MUSTANG II	5.0	7.5	3.0	5.2	OFI-931	5.3	6.3	3.0	4.9
AV-1	5.7	7.0	2.7	5.1	REGIMENT	5.7	6.3	2.7	4.9
CORNADO GOLD (PST-5RT)	6.0	6.7	2.7	5.1	SHENANDOAH	5.0	6.3	3.3	4.9
DP 7952	4.7	8.0	2.7	5.1	SRX 8084	5.3	6.7	2.7	4.9
DUSTER	5.0	6.7	3.7	5.1	AIRLIE (MB 210)	5.0	6.7	2.7	4.8
EMPRESS	5.3	6.7	3.3	5.1	ARABIA (J-5)	6.0	5.7	2.7	4.8
MB 29	5.7	7.0	2.7	5.1	ARID 3 (J-98)	6.0	5.7	2.7	4.8
REBEL 2000 (AA-989)	5.0	6.7	3.7	5.1	ARID II (J-3)	5.0	6.7	2.7	4.8
REBEL SENTRY (AA-A91)	7.0	5.0	3.3	5.1	BANDANA (PST-R5AE)	5.3	6.7	2.3	4.8
TOMAHAWK-E	6.7	5.7	3.0	5.1	CHAPEL HILL (TA-7)	5.0	6.3	3.0	4.8
VELOCITY (AA-983)	5.7	6.3	3.3	5.1	GLEN EAGLE (EC-101)	5.7	6.0	2.7	4.8
BRAVO (RG-93)	5.3	7.0	3.0	5.1	GOOD-EN (KOOS 96-14)	5.0	6.7	2.7	4.8
CROSSFIRE II	5.3	7.3	2.7	5.1	ISI-TF9	5.0	6.7	2.7	4.8
DOMINION (PST-5M5)	5.3	7.0	3.0	5.1	MB 216	5.3	6.0	3.0	4.8
FALCON II	5.3	7.0	3.0	5.1	PEDESTAL (PC-AO)	5.3	6.3	2.7	4.8

TABLE 37. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY				
NAME	DE1	MI1	VA1	MEAN
PST-5TO	5.3	6.0	3.0	4.8
TAR HEEL	5.3	6.3	2.7	4.8
TITAN 2	5.7	5.3	3.3	4.8
WOLFPACK (PST-R5TK)	5.7	5.7	3.0	4.8
BONSAI 2000 (BULLET)	5.7	6.0	2.3	4.7
DLF-1	5.7	6.3	2.0	4.7
DYNASTY (PICK RT-95)	5.7	6.0	2.3	4.7
ISI-TF10	5.0	6.7	2.3	4.7
JSC-1	5.3	6.3	2.3	4.7
OFI-FWY	5.7	5.3	3.0	4.7
ONCUE (PST-523)	5.7	6.0	2.3	4.7
PSII-TF-10	6.0	5.7	2.3	4.7
WPEZE (WVPB-1C)	5.0	6.0	3.0	4.7
ZANZIBAR (ZPS-5LZ)	5.7	5.3	3.0	4.7
BULLDAWG (PICK GA-96)	6.0	5.3	2.7	4.7
JTFFC-96	6.0	5.3	2.7	4.7
OFI-96-31	5.0	6.3	2.7	4.7
WX3-275	5.3	6.0	2.7	4.7
SAFARI	5.7	5.7	2.3	4.6
ATF-020	5.3	6.0	2.3	4.6
COYOTE	5.0	6.0	2.7	4.6
WILDFIRE (ATF-196)	5.7	5.3	2.7	4.6
MB 28	4.5	6.0	3.0	4.5
RENEGADE	5.0	5.7	2.7	4.4
SUNPRO	4.7	6.7	2.0	4.4
BONSAI	5.3	6.0	2.0	4.4
GAZELLE	5.0	6.3	2.0	4.4
TRACER (BAR FA6 US1)	5.3	5.0	3.0	4.4
MB 26	5.7	5.0	2.3	4.3
ARIZONA (PICK FA 6-91)	5.0	6.0	2.0	4.3
CU9501T	4.3	5.0	3.7	4.3
MB 214	5.0	5.0	3.0	4.3
PICK FA UT-93	5.7	4.7	2.7	4.3
PICK FA 20-92	5.5	4.3	3.0	4.3
BARRINGTON (BAR FA6D USA)	4.7	5.3	2.7	4.2
FINELAWN PETITE	4.7	5.7	2.0	4.1
SHENANDOAH II (WRS2)	4.3	4.7	3.3	4.1
SHORTSTOP II	4.7	5.3	2.3	4.1
CORONADO	4.7	5.0	2.3	4.0
APACHE II	5.0	3.7	3.0	3.9
GENESIS	5.0	.	2.7	3.8
LSD VALUE	1.7	2.5	0.9	1.0
C.V. (%)	18.9	23.7	21.1	22.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1998.

TABLE 38.

DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	DE1	VA1	MEAN	NAME	DE1	VA1	MEAN
RESERVE (ATF-182)	8.0	7.0	7.5	EQUINOX (TMI-N91)	7.3	5.3	6.3
VELOCITY (AA-983)	7.7	6.7	7.2	HELIX (WVPB-1D)	7.3	5.3	6.3
OLYMPIC GOLD (PST-5E5)	7.0	7.3	7.2	REBEL SENTRY (AA-A91)	7.3	5.3	6.3
ATF-257	8.0	6.0	7.0	SHENANDOAH	7.3	5.3	6.3
REBEL 2000 (AA-989)	7.3	6.7	7.0	ATF-022	7.5	5.0	6.3
WOLFPACK (PST-R5TK)	7.3	6.7	7.0	JTTFC-96	7.5	5.0	6.3
DOMINION (PST-5M5)	7.7	6.0	6.8	OFI-96-32	7.5	5.0	6.3
MB 215	7.7	6.0	6.8	AV-1	7.7	4.7	6.2
OFI-FWY	7.7	6.0	6.8	GLEN EAGLE (EC-101)	7.7	4.7	6.2
REMBRANDT (LTP-4026 E+)	7.7	6.0	6.8	TAR HEEL	6.7	5.7	6.2
TF 66 (BAR FA6 US6F)	8.0	5.7	6.8	ATF-253	7.0	5.3	6.2
WVPB-1B	7.7	6.0	6.8	BAR FA6 US2U	7.0	5.3	6.2
COMSTOCK (SSDE31)	7.5	6.0	6.8	BARRERA (BAR FA6 US3)	8.0	4.3	6.2
OFI-931	7.7	5.7	6.7	DURANA (MB 211)	8.0	4.3	6.2
PEDESTAL (PC-AO)	7.7	5.7	6.7	DYNASTY (PICK RT-95)	7.0	5.3	6.2
SCORPIO (ZPS-2PTF)	7.7	5.7	6.7	ISI-TF9	7.3	5.0	6.2
WPEZE (WVPB-1C)	7.7	5.7	6.7	JSC-1	7.3	5.0	6.2
ZANZIBAR (ZPS-5LZ)	7.7	5.7	6.7	MB 214	7.3	5.0	6.2
CU9502T	7.0	6.3	6.7	MILLENNIUM (TMI-RBR)	7.3	5.0	6.2
GOD-EN (KOOS 96-14)	8.0	5.3	6.7	PICK FA XK-95	7.0	5.3	6.2
MB 28	8.0	5.3	6.7	WATCHDOG (PICK FA B-93)	7.3	5.0	6.2
DLF-1	7.0	6.0	6.5	MASTERPIECE (LTP-SD-TF)	6.5	5.7	6.1
DUSTER	7.3	5.7	6.5	BRAVO (RG-93)	6.7	5.3	6.0
FINELAWN PETITE	7.3	5.7	6.5	CHAPEL HILL (TA-7)	6.0	6.0	6.0
GENESIS	7.0	6.0	6.5	CORONADO	7.7	4.3	6.0
ISI-TF11	7.7	5.3	6.5	CORONADO GOLD (PST-5RT)	7.0	5.0	6.0
JAGUAR 3	7.0	6.0	6.5	KENTUCKY-31 W/ENDO.	7.0	5.0	6.0
R5AU	7.0	6.0	6.5	MB 213	7.7	4.3	6.0
RED COAT (ATF-038)	7.7	5.3	6.5	MB 216	7.3	4.7	6.0
LION	7.5	5.3	6.4	MB 26	7.3	4.7	6.0
AXIOM (ATF-192)	6.7	6.0	6.3	PLANTATION (PENNINGTON-1901)	7.0	5.0	6.0
CU9501T	7.7	5.0	6.3	PSII-TF-9	7.0	5.0	6.0
EMRESS	7.7	5.0	6.3	RENEGADE	7.0	5.0	6.0
FALCON II	7.0	5.7	6.3	SAFARI	6.7	5.3	6.0
FALCON III (MB 212)	8.0	4.7	6.3	SHENANDOAH II (WRS2)	6.0	6.0	6.0
ISI-TF10	7.7	5.0	6.3	SRX 8084	7.3	4.7	6.0
JTIFA-96	7.7	5.0	6.3	TOMAHAWK-E	7.3	4.7	6.0
KITTY HAWK S.S.T. (SS45DW)	7.7	5.0	6.3	COYOTE	7.5	4.3	5.9
MB 29	7.0	5.7	6.3	APACHE II	7.0	4.7	5.8
PIXIE E+	7.0	5.7	6.3	BRANDY (J-101)	7.7	4.0	5.8
PSII-TF-10	7.0	5.7	6.3	LEPRECHAUN	7.7	4.0	5.8
BULLDAWG (PICK GA-96)	7.3	5.3	6.3	PRO 8430	7.0	4.7	5.8
CROSSFIRE II	7.3	5.3	6.3	PST-5TO	6.7	5.0	5.8
EA 41	7.3	5.3	6.3	ARID 3 (J-98)	7.3	4.3	5.8

TABLE 38. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY

NAME	DE1	VA1	MEAN
ARIZONA (PICK FA 6-91)	8.0	3.7	5.8
BANDANA (PST-R5AE)	7.3	4.3	5.8
BARRINGTON (BAR FA6D USA)	7.3	4.3	5.8
MARKSMAN	7.3	4.3	5.8
PICK FA 15-92	8.0	3.7	5.8
SOUTHERN CHOICE	7.3	4.3	5.8
TITAN 2	6.3	5.3	5.8
WYATT (ATF-188)	6.3	5.3	5.8
AIRLIE (MB 210)	7.5	4.0	5.8
COCHISE II	6.7	4.7	5.7
DP 50-9011	7.7	3.7	5.7
DP 7952	6.7	4.7	5.7
GAZELLE	7.7	3.7	5.7
TULSA	8.0	3.3	5.7
ATF-020	7.3	4.0	5.7
BARLEXAS II (BAR FA 6LV)	7.3	4.0	5.7
OFI-951	7.3	4.0	5.7
ONCUE (PST-523)	7.0	4.3	5.7
SUNPRO	7.3	4.0	5.7
TRACER (BAR FA6 US1)	7.3	4.0	5.7
WILDFIRE (ATF-196)	7.0	4.3	5.7
WX3-275	7.3	4.0	5.7
BAR FA 6D	6.5	4.7	5.6
PICK FA 20-92	6.5	4.7	5.6
ARABIA (J-5)	7.3	3.7	5.5
ARID II (J-3)	7.0	4.0	5.5
AZTEC II (TMI-AZ)	7.0	4.0	5.5
BONSAI 2000 (BULLET)	6.7	4.3	5.5
MUSTANG II	6.7	4.3	5.5
PICK FA N-93	7.3	3.7	5.5
PICK FA UI-93	7.0	4.0	5.5
REGIMENT	7.0	4.0	5.5
TWILIGHT II (TMI-TW)	7.3	3.7	5.5
OFI-96-31	7.0	3.7	5.3
ALAMO E	6.7	3.7	5.2
ANTHEM II (TMI-FMN)	6.7	3.7	5.2
SR 8500 (SRX 8500)	6.7	3.7	5.2
BONSAI	6.3	3.7	5.0
SR 8210	6.0	4.0	5.0
SHORTSTOP II	6.7	3.0	4.8
ARID	3.5	5.3	4.4
LSD VALUE	1.5	1.7	1.1
C.V. (%)	12.2	21.5	16.1

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 1998.

TABLE 39. MICRODOCHIUM PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/					
NAME	WA1	NAME	WA1	NAME	WA1
SRX 8084	7.3	ATF-253	5.7	CORONADO	5.0
PSII-TF-9	7.0	BANDANA (PST-R5AE)	5.7	COYOTE	5.0
REBEL SENTRY (AA-A91)	7.0	BONSAI 2000 (BULLET)	5.7	DP 50-9011	5.0
SAFARI	7.0	CORONADO GOLD (PST-5RT)	5.7	DURANA (MB 211)	5.0
ARID 3 (J-98)	6.7	CU9501T	5.7	DUSTER	5.0
ATF-257	6.7	DOMINION (PST-5M5)	5.7	DYNASTY (PICK RT-95)	5.0
EQUINOX (TMI-N91)	6.7	GAZELLE	5.7	FALCON II	5.0
GOOD-EN (KOOS 96-14)	6.7	GENESIS	5.7	JTTFA-96	5.0
HELIX (WVPB-1D)	6.7	ISI-TF11	5.7	MB 26	5.0
TWILIGHT II (TMI-TW)	6.7	JAGUAR 3	5.7	MB 28	5.0
ATF-020	6.3	MB 215	5.7	OFI-FWY	5.0
AZTEC II (TMI-AZ)	6.3	MUSTANG II	5.7	REMBRANDT (LTP-4026 E+)	5.0
EMERESS	6.3	QCUE (PST-523)	5.7	TAR HEEL	5.0
JSC-1	6.3	PRO 8430	5.7	WATCHDOG (PICK FA B-93)	5.0
KENTUCKY-31 W/ENDO.	6.3	REBEL 2000 (AA-989)	5.7	AIRLIE (MB 210)	4.7
LERECHAUN	6.3	RED COAT (ATF-038)	5.7	ARID II (J-3)	4.7
MARKSMAN	6.3	SR 8500 (SRX 8500)	5.7	BRANDY (J-101)	4.7
MILLENNIUM (TMI-RBR)	6.3	SUNPRO	5.7	CHAPEL HILL (TA-7)	4.7
OFI-96-31	6.3	TF 66 (BAR FA6 US6F)	5.7	CROSSFIRE II	4.7
PICK FA 20-92	6.3	TOMAHAWK-E	5.7	EA 41	4.7
TITAN 2	6.3	WPEZE (WVPB-1C)	5.7	FINELAWN PETITE	4.7
TULSA	6.3	ALAMO E	5.3	GLEN EAGLE (EC-101)	4.7
ARID	6.0	ANTHEM II (TMI-FMN)	5.3	JTTFC-96	4.7
AV-1	6.0	COMSTOCK (SSDE31)	5.3	LION	4.7
BARRERA (BAR FA6 US3)	6.0	CU9502T	5.3	MB 29	4.7
BONSAI	6.0	FALCON III (MB 212)	5.3	PEDESTAL (PC-AO)	4.7
DLF-1	6.0	KITTY HAWK S.S.T. (SS45DW)	5.3	PICK FA XK-95	4.7
DP 7952	6.0	MASTERPIECE (LTP-SD-TF)	5.3	ARABIA (J-5)	4.3
OFI-931	6.0	MB 213	5.3	BARLEXAS II (BAR FA 6LV)	4.3
OFI-96-32	6.0	OLYMPIC GOLD (PST-5E5)	5.3	ISI-TF10	4.3
PICK FA 15-92	6.0	PICK FA N-93	5.3	MB 216	4.3
PLANTATION (PENNINGTON-1901)	6.0	PIXIE E+	5.3	PST-5TO	4.3
PSII-TF-10	6.0	RESERVE (ATF-182)	5.3	RENEGADE	4.3
R5AU	6.0	SCORPIO (ZPS-2PTF)	5.3	AXIOM (ATF-192)	4.0
REGIMENT	6.0	SHORTSTOP II	5.3	MB 214	4.0
SHENANDOAH	6.0	SR 8210	5.3	OFI-951	4.0
SHENANDOAH II (WRS2)	6.0	VELOCITY (AA-983)	5.3	PICK FA UT-93	4.0
SOUTHERN CHOICE	6.0	ZANZIBAR (ZPS-5LZ)	5.3	TRACER (BAR FA6 US1)	4.0
WOLFPACK (PST-R5TK)	6.0	BAR FA 6D	5.0	WILDFIRE (ATF-196)	4.0
WVEB-1B	6.0	BAR FA6 US2U	5.0	ISI-TF9	3.7
WX3-275	6.0	BARRINGTON (BAR FA6D USA)	5.0	WYATT (ATF-188)	3.7
APACHE II	5.7	BRAVO (RG-93)	5.0		
ARIZONA (PICK FA 6-91)	5.7	BULLDAWG (PICK GA-96)	5.0	LSD VALUE	1.9
ATF-022	5.7	COCHISE II	5.0	C.V. (%)	21.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ MICRODOCHIUM PATCH RATED IN 1999.

TABLE 40.

LEAF SPOT RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

			LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/		
NAME	ME1	NAME	ME1	NAME	ME1
COYOTE	8.7	MB 213	6.0	BONSAI	4.7
MILLENNIUM (TMI-RBR)	8.7	MB 28	6.0	EMPRESS	4.7
CU9502T	7.7	OFI-951	6.0	LION	4.7
GAZELLE	7.7	PLANTATION (PENNINGTON-1901)	6.0	MARKSMAN	4.7
PICK FA N-93	7.7	RENEGADE	6.0	PICK FA UT-93	4.7
PRO 8430	7.7	SCORPIO (ZPS-2PTF)	6.0	PST-5TO	4.7
ZANIBAR (ZPS-5LZ)	7.7	APACHE II	5.7	TAR HEEL	4.7
AIRLIE (MB 210)	7.3	ATF-020	5.7	TITAN 2	4.7
BARRINGTON (BAR FA6D USA)	7.3	BAR FA6 US2U	5.7	ATF-022	4.3
MB 214	7.3	CORONADO GOLD (PST-5RT)	5.7	AXIOM (ATF-192)	4.3
REBEL 2000 (AA-989)	7.3	DYNASTY (PICK RT-95)	5.7	BRAVO (RG-93)	4.3
REMBRANDT (LTP-4026 E+)	7.3	JAGUAR 3	5.7	OFI-96-32	4.3
WOLFPACK (PST-R5TK)	7.3	PIXIE E+	5.7	PEDESTAL (PC-AO)	4.3
CHAPEL HILL (TA-7)	7.0	RESERVE (ATF-182)	5.7	RED COAT (ATF-038)	4.3
GENESIS	7.0	SHORTSTOP II	5.7	TOMAHAWK-E	4.3
MB 216	7.0	SUNPRO	5.7	WILDFIRE (ATF-196)	4.3
OLYMPIC GOLD (PST-5E5)	7.0	AZTEC II (TMI-AZ)	5.3	WX3-275	4.3
SRX 8084	7.0	BRANDY (J-101)	5.3	ANTHEM II (TMI-FMN)	4.0
VELOCITY (AA-983)	7.0	DURANA (MB 211)	5.3	ATF-257	4.0
ARABIA (J-5)	6.7	FALCON II	5.3	ISI-TF10	4.0
BANDANA (PST-R5AE)	6.7	FINELAWN PETITE	5.3	ONCUE (PST-523)	4.0
BARRERA (BAR FA6 US3)	6.7	ISI-TF9	5.3	REGIMENT	4.0
BULLDAWG (PICK GA-96)	6.7	JITFA-96	5.3	SR 8500 (SRX 8500)	4.0
CU9501T	6.7	MUSTANG II	5.3	TULSA	4.0
MB 215	6.7	OFI-931	5.3	TWILIGHT II (TMI-TW)	4.0
MB 26	6.7	PICK FA 15-92	5.3	DP 7952	3.7
SHENANDOAH II (WRS2)	6.7	PICK FA 20-92	5.3	DUSTER	3.7
WVPB-1B	6.7	SAFARI	5.3	EA 41	3.7
BAR FA 6D	6.3	SHENANDOAH	5.3	OFI-FWY	3.7
CORONADO	6.3	SR 8210	5.3	PSII-TF-10	3.7
CROSSFIRE II	6.3	TRACER (BAR FA6 US1)	5.3	SOUTHERN CHOICE	3.7
GOOD-EN (KOOS 96-14)	6.3	ARID 3 (J-98)	5.0	ALAMO E	3.3
MASTERPIECE (LTP-SD-TF)	6.3	ARID II (J-3)	5.0	ARID	3.3
MB 29	6.3	COCHISE II	5.0	AV-1	3.3
OFI-96-31	6.3	DP 50-9011	5.0	COMSTOCK (SSDE31)	3.3
PSII-TF-9	6.3	BQUINOX (TMI-N91)	5.0	JSC-1	3.3
WYATT (ATF-188)	6.3	GLEN EAGLE (EC-101)	5.0	PICK FA XK-95	3.3
ARIZONA (PICK FA 6-91)	6.0	HELIX (WVPB-1D)	5.0	KENTUCKY-31 W/ENDO.	3.0
BARLEXAS II (BAR FA 6LV)	6.0	JITFC-96	5.0	WPEZE (WVPB-1C)	3.0
BONSAI 2000 (BULLET)	6.0	KITTY HAWK S.S.T. (SS45DW)	5.0	DLF-1	2.7
DOMINION (PST-5M5)	6.0	R5AU	5.0	REBEL SENTRY (AA-A91)	2.7
FALCON III (MB 212)	6.0	TF 66 (BAR FA6 US6F)	5.0		
ISI-TF11	6.0	WATCHDOG (PICK FA B-93)	5.0	LSD VALUE	3.1
LEPRECHAUN	6.0	ATF-253	4.7	C.V. (%)	35.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ LEAF SPOT RATED IN 1997.

TABLE 41.

RED THREAD RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MD1	NJ1	VA1	MEAN	NAME	MD1	NJ1	VA1	MEAN
KENLUCKY-31 W/ENDO.	9.0	9.0	8.0	8.7	OFI-96-31	8.7	5.0	7.0	6.9
ATF-020	9.0	6.3	7.7	7.7	AZTEC II (TMI-AZ)	8.3	5.0	7.0	6.8
COMSTOCK (SSDE31)	8.7	6.0	8.0	7.6	DP 50-9011	9.0	4.7	6.7	6.8
DLF-1	8.3	6.7	7.3	7.4	OFI-931	9.0	5.7	5.7	6.8
MB 216	9.0	7.0	6.3	7.4	R5AU	9.0	4.7	6.7	6.8
ARID	9.0	5.7	7.3	7.3	LEPRECHAUN	8.7	4.7	7.0	6.8
CU9501T	9.0	7.0	6.0	7.3	REBEL 2000 (AA-989)	9.0	5.3	6.0	6.8
JSC-1	8.3	6.3	7.3	7.3	WPEZE (WVPB-1C)	8.0	5.0	7.3	6.8
PSII-TF-10	8.7	6.0	7.3	7.3	WX3-275	9.0	5.3	6.0	6.8
RED COAT (ATF-038)	8.3	6.3	7.3	7.3	DP 7952	8.7	3.7	7.7	6.7
RESERVE (ATF-182)	9.0	6.0	7.0	7.3	EQUINOX (TMI-N91)	8.3	4.3	7.3	6.7
BONSAI	8.3	5.7	7.7	7.2	FALCON III (MB 212)	8.7	4.7	6.7	6.7
CHAPEL HILL (TA-7)	9.0	5.7	7.0	7.2	GENESIS	9.0	4.7	6.3	6.7
HELIK (WVPB-1D)	8.3	6.3	7.0	7.2	GLEN EAGLE (EC-101)	8.7	5.3	6.0	6.7
ISI-TF9	9.0	6.0	6.7	7.2	LION	9.0	4.7	6.3	6.7
KITTY HAWK S.S.T. (SS45DW)	8.7	6.3	6.7	7.2	MB 213	9.0	5.0	6.0	6.7
MARKSMAN	9.0	5.7	7.0	7.2	MB 28	8.0	5.7	6.3	6.7
MB 29	9.0	6.0	6.7	7.2	PICK FA 15-92	8.3	5.3	6.3	6.7
REBEL SENTRY (AA-A91)	8.7	5.7	7.3	7.2	RENEGADE	9.0	4.3	6.7	6.7
MB 214	9.0	5.7	6.7	7.1	SOUTHERN CHOICE	9.0	4.3	6.7	6.7
PEDESTAL (PC-AO)	8.3	6.0	7.0	7.1	WOLFPACK (PST-R5TK)	9.0	5.3	5.7	6.7
PIXIE E+	9.0	5.7	6.7	7.1	APACHE II	8.7	5.3	5.7	6.6
GOOD-EN (KOOS 96-14)	9.0	5.0	7.3	7.1	ARID II (J-3)	8.3	5.0	6.3	6.6
MB 215	9.0	6.3	6.0	7.1	ATF-022	9.0	4.7	6.0	6.6
OFI-96-32	9.0	5.3	7.0	7.1	ATF-257	9.0	4.7	6.0	6.6
SUNERO	9.0	6.0	6.3	7.1	CORONADO GOLD (PST-SRT)	8.7	4.3	6.7	6.6
AV-1	8.3	4.7	8.0	7.0	FALCON II	9.0	5.0	5.7	6.6
CU9502T	9.0	5.3	6.7	7.0	JTTFC-96	9.0	3.3	7.3	6.6
MB 26	9.0	5.3	6.7	7.0	SAFARI	9.0	4.7	6.0	6.6
MILLENNIUM (TMI-RBR)	9.0	5.3	6.7	7.0	BAR FA6 US2U	9.0	6.3	4.3	6.6
PICK FA N-93	9.0	5.3	6.7	7.0	BARRERA (BAR FA6 US3)	8.0	6.3	5.3	6.6
REGIMENT	9.0	5.3	6.7	7.0	DURANA (MB 211)	9.0	4.3	6.3	6.6
TITAN 2	9.0	4.7	7.3	7.0	SHENANDOAH	9.0	3.7	7.0	6.6
TOMAHAWK-E	8.7	5.7	6.7	7.0	TWILIGHT II (TMI-TW)	8.7	5.0	6.0	6.6
VELOCITY (AA-983)	9.0	5.7	6.3	7.0	COCHISE II	9.0	4.7	5.7	6.4
ZANZIBAR (ZPS-5LZ)	9.0	5.0	7.0	7.0	AIRLIE (MB 210)	8.7	5.3	5.3	6.4
ARABIA (J-5)	9.0	5.7	6.0	6.9	ALAMO E	8.7	4.0	6.7	6.4
ARID 3 (J-98)	9.0	5.7	6.0	6.9	DOMINION (PST-5M5)	9.0	5.3	5.0	6.4
ATF-253	8.7	6.3	5.7	6.9	ISI-TF10	9.0	4.3	6.0	6.4
OLYMPIC GOLD (PST-5E5)	9.0	5.0	6.7	6.9	MUSTANG II	8.7	4.7	6.0	6.4
ONCUE (PST-523)	8.3	5.7	6.7	6.9	PICK FA XK-95	8.7	4.7	6.0	6.4
ARIZONA (PICK FA 6-91)	9.0	5.3	6.3	6.9	WVPB-1B	9.0	5.3	5.0	6.4
BARRINGTON (BAR FA6D USA)	9.0	6.3	5.3	6.9	AXIOM (ATF-192)	9.0	5.3	4.7	6.3
BRANDY (J-101)	8.7	5.7	6.3	6.9	BAR FA 6D	8.0	6.0	5.0	6.3

TABLE 41. RED THREAD RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE				
NAME	MD1	NJ1	VA1	MEAN
BARLEXAS II (BAR FA 6LV)	8.3	5.3	5.3	6.3
EA 41	8.7	4.3	6.0	6.3
ISI-TF11	9.0	4.0	6.0	6.3
PICK FA 20-92	9.0	4.0	6.0	6.3
PSII-TF-9	9.0	3.7	6.3	6.3
REMBRANDT (LIP-4026 E+)	8.7	4.0	6.3	6.3
SR 8500 (SRX 8500)	8.0	5.0	6.0	6.3
TULSA	7.3	4.7	7.0	6.3
CROSSFIRE II	9.0	4.0	5.7	6.2
JAGUAR 3	9.0	3.0	6.7	6.2
OFI-951	8.3	5.0	5.3	6.2
ANTHEM II (TMI-FMN)	8.7	4.0	6.0	6.2
BONSAI 2000 (BULLET)	8.7	4.7	5.3	6.2
DYNASTY (PICK RT-95)	8.7	4.7	5.3	6.2
FINELAWN PETITE	9.0	5.3	4.3	6.2
JTIFA-96	9.0	2.7	7.0	6.2
PST-5TO	9.0	4.3	5.3	6.2
SHORTSTOP II	8.7	4.0	6.0	6.2
COYOTE	9.0	3.7	5.7	6.1
DUSTER	8.7	5.0	4.7	6.1
EMPRESS	8.7	5.3	4.3	6.1
PRO 8430	8.7	3.7	6.0	6.1
SHENANDOAH II (WRS2)	8.7	3.7	6.0	6.1
SR 8210	8.0	3.7	6.7	6.1
WILDFIRE (ATF-196)	9.0	5.0	4.3	6.1
BANDANA (PST-R5AE)	8.7	3.3	6.0	6.0
BULLDAWG (PICK GA-96)	9.0	2.3	6.7	6.0
OFI-FWY	7.7	4.7	5.7	6.0
SRX 8084	8.7	3.7	5.7	6.0
WYATT (ATF-188)	8.7	3.7	5.7	6.0
PLANTATION (PENNINGTON-1901)	7.7	3.7	6.3	5.9
TAR HEEL	9.0	5.0	3.7	5.9
SCORPIO (ZPS-2PTF)	9.0	4.3	4.3	5.9
TF 66 (BAR FA6 US6F)	8.3	4.3	4.7	5.8
BRAVO (RG-93)	8.7	4.7	4.0	5.8
CORONADO	9.0	4.7	3.3	5.7
MASTERPIECE (LTP-SD-TF)	8.0	5.0	4.0	5.7
PICK FA UT-93	6.7	4.3	5.3	5.4
GAZELLE	9.0	2.7	4.3	5.3
WATCHDOG (PICK FA B-93)	8.7	3.3	3.3	5.1
TRACER (BAR FA6 US1)	8.3	4.0	2.3	4.9
LSD VALUE	1.0	3.0	2.0	1.2
C.V. (%)	7.3	37.2	20.4	20.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ RED THREAD RATED AT "MD1" & "NJ1" IN 1999 AND AT "VA1" IN 1998.

TABLE 42.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	AR1	GA1	IL2	IN1	KS2	MD1	MEL	MO1	MS1	NE1	NE2	NJ2	OK1	VA1	VA4	MEAN
JAGUAR 3	8.2	5.5	8.0	6.7	7.3	8.3	6.7	7.7	7.3	6.2	4.0	6.7	6.0	5.7	5.5	6.7
CROSSFIRE II	7.7	5.5	9.0	7.3	8.3	8.3	7.0	7.3	6.0	5.9	3.0	7.3	5.7	6.0	5.2	6.6
REMBRANDT (LTP-4026 E+)	8.0	4.8	8.7	7.3	7.7	8.7	6.7	7.7	6.3	6.1	4.3	4.7	7.3	6.0	4.7	6.6
TAR HEEL	7.4	5.2	8.7	7.7	8.7	8.7	5.7	8.0	6.3	5.6	3.0	6.3	5.7	6.7	5.3	6.6
OLYMPIC GOLD (PST-5E5)	8.3	5.2	8.7	7.0	8.7	8.7	6.3	7.8	7.0	6.3	3.0	5.0	5.7	5.3	5.8	6.6
ONCUE (PST-523)	7.4	5.7	9.0	6.3	7.3	8.0	5.3	7.2	8.0	6.1	3.0	7.3	5.7	6.0	5.8	6.5
ATF-257	8.6	5.7	8.7	6.7	8.3	7.7	5.3	8.2	5.0	6.3	3.3	7.0	6.0	6.0	5.2	6.5
WOLFPACK (PST-R5TK)	7.6	6.0	8.3	7.3	8.3	9.0	5.7	6.5	7.0	6.1	3.7	5.7	5.7	5.3	5.7	6.5
DURANA (MB 211)	7.9	5.2	8.0	7.0	7.3	8.0	5.7	7.7	6.0	6.6	4.3	6.3	6.3	5.7	5.5	6.5
CU9502T	7.9	5.2	7.7	6.0	8.3	8.0	7.3	7.8	6.3	5.8	4.7	5.3	5.3	5.7	5.7	6.5
MB 29	7.9	5.5	7.7	6.7	8.0	7.7	5.7	7.2	6.0	6.1	4.3	7.3	5.7	5.3	5.5	6.4
ARID 3 (J-98)	8.2	4.7	8.0	6.3	7.0	8.7	7.0	6.7	6.3	5.9	4.7	6.0	5.7	6.0	5.3	6.4
ISI-TF9	7.9	4.5	8.7	5.7	8.0	9.0	4.7	7.0	5.7	7.1	4.3	6.0	6.0	6.0	5.7	6.4
MUSTANG II	7.6	5.2	8.0	6.7	7.3	8.7	5.3	7.5	7.0	6.1	2.7	5.3	7.0	5.7	6.0	6.4
WVPB-1B	7.7	5.7	7.7	7.7	7.7	8.0	5.7	6.5	6.0	6.9	4.0	6.7	5.7	4.3	5.3	6.4
DOMINION (PST-5M5)	8.3	5.0	9.0	6.3	7.7	9.0	5.3	7.7	5.0	6.3	3.3	5.7	5.7	5.0	5.8	6.3
PLANTATION (PENNINGTON-1901)	8.1	5.5	8.7	6.3	7.7	7.3	6.3	8.0	6.0	6.3	3.0	6.7	6.0	5.0	4.2	6.3
SAFARI	7.3	4.7	7.7	7.7	8.3	8.7	5.0	7.7	6.7	6.2	4.7	5.0	5.7	4.3	5.5	6.3
MILLENNIUM (TMI-RBR)	7.9	5.3	8.3	6.7	7.3	8.7	6.0	7.5	5.0	6.0	4.3	5.3	7.0	5.0	4.5	6.3
SCORPIO (ZPS-2PTF)	7.6	5.3	8.7	6.0	7.7	8.7	6.3	7.2	4.3	6.1	3.7	5.7	7.0	5.7	5.0	6.3
DYNASTY (PICK RT-95)	7.6	5.0	8.0	7.7	7.0	8.3	6.7	7.2	6.0	6.1	3.3	5.7	6.3	4.7	5.2	6.3
MASTERPIECE (LTP-SD-TF)	8.0	4.8	7.7	7.3	7.7	8.7	5.7	7.7	4.3	6.4	3.0	7.0	5.0	5.7	5.7	6.3
RED COAT (ATF-038)	7.9	4.5	6.0	7.0	8.7	9.0	4.3	8.0	5.3	6.9	4.3	6.0	5.7	6.3	4.7	6.3
SHENANDOAH II (WRS2)	7.2	5.2	7.7	7.0	8.0	8.0	6.0	7.3	5.7	6.6	4.7	4.7	6.3	4.7	5.5	6.3
ARID	7.4	5.7	8.0	6.7	8.3	7.7	3.7	7.3	6.0	6.0	4.0	5.3	6.3	6.0	5.8	6.3
ATF-253	7.1	5.5	8.7	6.0	8.3	8.3	4.7	7.3	6.3	5.9	2.7	6.3	5.7	5.7	5.7	6.3
ATF-020	7.6	4.8	8.0	7.0	7.7	8.0	5.3	7.7	6.7	6.4	3.3	6.0	5.3	5.7	4.7	6.3
KENTUCKY-31 W/ENDO.	7.6	6.2	8.0	6.7	9.0	7.3	2.0	7.0	6.3	6.1	3.3	5.3	6.7	6.7	6.0	6.3
JTTFC-96	7.9	4.8	7.3	4.7	8.3	8.0	4.0	8.0	5.3	6.4	5.0	6.7	6.0	5.7	5.7	6.3
R5AU	8.1	5.0	8.0	7.0	8.3	8.7	5.3	7.7	5.0	6.4	2.7	5.7	6.3	5.0	4.5	6.2
SHENANDOAH	7.2	4.8	7.3	6.0	7.7	7.7	6.3	7.0	7.0	5.3	4.7	6.3	6.0	4.7	5.7	6.2
RESERVE (ATF-182)	7.0	5.0	8.3	5.7	7.7	9.0	6.0	7.3	4.7	6.7	4.0	5.0	6.7	5.7	5.0	6.2
WPEZE (WVPB-1C)	7.8	4.7	8.0	6.0	7.7	8.3	3.7	6.5	6.3	6.6	4.3	6.3	6.0	6.3	5.2	6.2
FALCON II	7.1	4.7	6.7	5.0	7.7	8.0	6.0	7.8	7.3	6.0	5.3	5.7	6.0	5.0	5.3	6.2
PST-5TO	7.7	4.3	7.7	6.7	8.3	8.3	6.0	7.7	4.7	6.8	4.7	6.0	5.3	4.0	5.5	6.2
ISI-TF11	8.3	5.3	9.0	5.3	7.3	7.7	5.0	7.5	5.0	6.2	3.3	5.7	5.7	6.3	5.7	6.2
CU9501T	7.4	5.0	7.0	6.7	8.0	8.3	6.7	7.2	6.7	5.6	2.7	5.7	6.3	5.0	5.2	6.2
BARRERA (BAR FA6 US3)	7.6	4.8	6.0	6.7	7.3	9.0	5.3	6.5	5.0	6.2	4.3	6.0	7.3	5.7	5.5	6.2
RENEGADE	7.7	4.8	6.7	6.7	7.7	8.7	5.3	6.8	6.7	5.9	3.0	5.7	5.7	6.7	5.3	6.2
WX3-275	7.1	5.3	8.7	6.0	7.3	6.3	5.7	6.7	7.3	6.7	5.0	5.0	6.3	4.3	5.3	6.2
FALCON III (MB 212)	7.6	5.2	7.7	5.7	7.3	9.0	6.0	7.0	6.0	6.6	3.0	5.3	5.7	5.7	5.2	6.2
AIRLIE (MB 210)	7.6	4.8	8.7	5.7	8.3	7.3	6.0	7.5	5.7	6.0	2.7	6.0	5.3	5.7	5.5	6.2
BAR FA6 US2U	7.7	4.5	5.3	7.0	7.7	8.7	6.7	6.3	6.3	5.9	4.3	4.7	6.0	5.7	6.0	6.2
REBEL 2000 (AA-989)	7.8	5.0	7.0	6.3	8.0	8.7	5.3	7.7	6.0	5.8	2.7	6.0	5.0	5.7	5.5	6.2

TABLE 42. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	AR1	GA1	IL2	IN1	KS2	MD1	MEL	MO1	MS1	NE1	NE2	NJ2	OK1	VA1	VA4	MEAN
BANDANA (PST-R5AE)	7.2	5.3	7.0	7.0	8.0	8.3	6.0	6.2	7.0	5.9	3.0	6.3	5.3	4.0	5.5	6.1
TWILIGHT II (TMI-TW)	6.7	4.3	8.3	6.7	7.3	7.7	4.0	6.2	6.7	6.2	5.0	6.7	6.3	4.7	5.3	6.1
CORONADO GOLD (PST-5RT)	7.7	4.2	7.3	5.3	8.0	8.3	5.3	7.5	6.3	6.3	3.7	6.0	5.7	5.0	5.3	6.1
MARKSMAN	7.8	4.8	6.7	6.7	6.7	7.3	5.0	7.5	5.7	5.9	5.0	7.0	4.7	6.0	5.3	6.1
ISI-TF10	7.2	4.5	5.3	5.7	8.3	8.0	6.3	6.8	5.3	6.1	5.3	6.0	6.3	5.3	5.3	6.1
OFI-931	6.4	5.0	7.3	6.3	7.3	8.3	6.0	6.8	5.3	6.6	6.0	4.3	6.0	4.3	5.8	6.1
VELOCITY (AA-983)	7.1	4.2	8.3	6.3	7.7	8.3	5.7	6.8	6.7	5.9	3.3	5.0	6.0	5.7	4.8	6.1
TITAN 2	7.9	4.5	8.7	6.7	8.7	8.0	4.3	7.2	5.0	5.7	3.0	5.3	5.7	5.3	5.8	6.1
COYOTE	8.0	5.3	7.7	6.0	7.7	7.7	4.7	7.2	7.3	6.0	2.3	5.3	6.0	5.7	4.8	6.1
WATCHDOG (PICK FA B-93)	7.6	4.8	9.0	6.3	7.7	8.3	6.0	7.0	4.3	5.8	3.0	5.7	6.0	4.3	5.8	6.1
ATF-022	7.4	5.0	6.7	5.0	8.3	7.3	3.3	7.8	8.0	6.6	3.0	6.3	5.7	6.3	4.7	6.1
JTTFA-96	7.4	4.5	6.7	6.3	7.0	8.0	4.0	6.8	5.7	5.7	4.7	6.3	6.7	6.3	5.3	6.1
HELIX (WVPB-1D)	7.9	4.7	7.3	5.7	7.3	7.3	5.0	6.8	5.7	6.3	3.7	7.3	5.7	5.7	5.0	6.1
GENESIS	7.3	4.5	6.0	5.7	8.0	8.7	5.3	7.0	6.7	6.2	4.3	5.3	5.3	5.3	5.7	6.1
COMSTOCK (SSDE31)	7.7	4.3	7.0	6.0	7.7	8.3	5.7	7.3	5.3	6.3	4.7	5.0	5.0	5.3	5.7	6.1
PIXIE E+	6.8	5.0	8.3	6.0	7.3	8.0	4.3	7.5	3.7	6.0	5.3	6.0	5.3	6.0	5.7	6.1
LION	7.6	4.5	8.0	6.7	7.3	8.0	5.0	7.7	5.7	5.2	3.7	5.7	5.7	5.3	5.2	6.1
PSII-TF-9	7.1	4.8	7.7	5.7	7.0	8.0	5.3	7.5	6.0	6.0	5.3	6.0	4.7	4.7	5.3	6.1
CHAPEL HILL (TA-7)	7.8	4.0	7.7	5.7	8.3	8.3	5.3	7.3	5.3	5.7	2.7	5.7	6.0	5.3	5.8	6.1
BRAVO (RG-93)	7.8	4.5	8.0	6.0	7.7	8.0	6.7	6.8	4.7	5.7	4.7	6.3	4.7	4.7	4.8	6.1
SOUTHERN CHOICE	7.7	4.7	6.3	7.0	7.3	8.0	6.0	7.0	6.3	5.9	3.3	5.3	5.0	6.0	5.0	6.1
AXIOM (ATF-192)	6.7	5.3	8.7	6.0	7.3	7.3	4.0	6.5	6.3	6.7	4.0	5.3	6.3	5.0	5.3	6.1
BARRINGTON (BAR FA6D USA)	6.7	4.5	4.7	5.7	8.3	8.3	8.0	6.2	6.0	6.1	3.3	5.3	7.0	5.0	5.5	6.0
GOOD-EN (KOOS 96-14)	6.8	4.3	7.0	5.3	7.3	8.3	4.3	6.8	5.3	6.7	4.7	5.3	6.3	6.7	5.3	6.0
OFI-FWY	7.3	4.5	7.0	6.7	6.3	8.0	6.0	7.0	6.0	6.0	5.0	4.7	6.0	4.7	5.3	6.0
WILDFIRE (ATF-196)	6.6	5.2	8.3	5.7	7.3	7.3	5.0	5.8	6.3	6.4	5.0	6.3	6.3	5.0	3.7	6.0
WYATT (ATF-188)	6.8	4.5	8.3	5.0	7.0	9.0	5.7	6.3	4.7	6.0	5.0	5.7	6.0	5.3	5.0	6.0
PSII-TF-10	7.1	3.7	8.0	5.7	7.0	8.0	4.3	6.7	7.3	6.8	4.0	5.7	5.7	4.3	5.8	6.0
FINELAWN PETITE	7.1	4.8	7.3	6.7	7.3	8.3	4.0	6.7	5.0	5.8	4.3	6.7	5.3	5.3	5.3	6.0
AZTEC II (TMI-AZ)	7.2	4.8	6.0	6.3	7.0	7.7	6.0	7.8	5.3	6.1	4.0	5.7	6.7	4.0	5.3	6.0
MB 214	7.0	4.3	6.3	5.0	7.7	8.7	6.7	6.7	6.0	5.6	4.3	5.7	5.3	5.3	5.3	6.0
EMPRESS	7.1	4.3	8.3	5.3	7.0	9.0	5.0	7.2	6.0	6.2	3.7	6.0	4.7	4.7	5.3	6.0
DLF-1	7.3	4.7	7.0	6.3	7.7	6.3	4.3	7.2	6.7	6.3	3.0	5.3	6.3	6.0	5.3	6.0
TULSA	7.2	5.2	7.0	6.0	8.0	8.7	5.0	7.8	4.7	6.1	3.7	5.3	6.7	3.3	5.2	6.0
JSC-1	7.0	4.3	6.3	6.0	8.0	6.7	5.3	7.0	6.7	6.7	3.7	5.3	5.0	6.0	5.8	6.0
PICK FA XK-95	7.0	4.5	7.3	4.7	7.3	8.0	6.0	7.3	5.3	6.1	4.7	6.3	5.7	4.7	4.7	6.0
MB 213	7.7	4.4	6.7	6.7	7.3	8.0	6.3	7.3	3.3	5.7	3.7	7.0	5.0	4.7	5.8	6.0
DP 50-9011	7.0	4.5	5.3	7.7	6.3	7.3	7.7	6.0	6.0	5.9	2.7	6.0	6.7	5.7	4.8	6.0
APACHE II	7.3	4.3	7.0	3.7	8.7	8.3	6.0	6.8	4.0	6.1	5.3	4.7	6.0	5.7	5.3	6.0
OFI-96-32	7.3	5.3	7.3	6.0	7.3	8.3	4.3	6.5	5.7	6.1	3.3	5.7	5.3	5.3	5.3	6.0
OFI-96-31	6.8	4.5	6.7	6.7	7.0	8.0	4.3	7.3	4.3	6.4	3.3	6.0	6.3	6.0	5.2	5.9
PEDESTAL (PC-AO)	6.9	4.5	6.3	6.0	7.7	7.7	6.3	6.5	5.7	6.0	3.0	5.7	6.0	5.0	5.7	5.9
BONSAI 2000 (BULLET)	7.2	4.5	7.7	5.7	7.3	8.0	5.3	6.8	3.7	5.8	3.7	5.3	6.3	6.0	5.2	5.9
MB 216	6.7	5.0	7.3	5.0	7.7	8.0	5.0	6.8	6.3	5.4	3.7	6.0	5.3	5.0	5.2	5.9
DUSTER	6.4	4.7	6.3	6.0	7.3	7.7	6.3	7.3	6.0	5.8	4.3	4.7	4.7	5.3	5.5	5.9

TABLE 42. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	AR1	GA1	IL2	IN1	KS2	MD1	MEL	MO1	MS1	NE1	NE2	NJ2	OK1	VA1	VA4	MEAN
ANTHEM II (TMI-FMN)	6.8	4.8	7.3	6.3	6.7	8.3	4.7	7.2	4.3	6.8	4.3	6.0	6.0	4.0	4.8	5.9
GLEN EAGLE (EC-101)	7.4	4.8	7.0	6.0	7.0	7.3	5.0	7.5	3.7	6.6	3.3	5.0	6.0	6.0	5.5	5.9
LEPRECHAUN	7.6	4.8	7.0	5.3	6.7	8.7	4.7	7.3	5.0	6.3	3.7	6.0	4.7	5.0	5.3	5.9
BRANDY (J-101)	7.2	4.8	7.3	5.3	7.0	8.3	6.3	7.0	4.0	6.2	3.0	4.3	6.0	5.3	5.7	5.9
TRACER (BAR FA6 US1)	7.3	4.3	5.7	6.0	7.7	8.3	5.3	6.3	6.7	6.3	2.7	5.3	5.3	5.3	5.2	5.9
REBEL SENTRY (AA-A91)	6.8	4.7	7.0	5.7	8.0	9.0	4.0	7.7	4.3	5.9	2.3	7.3	5.7	4.7	4.8	5.9
MB 28	7.2	5.3	7.0	5.3	6.7	8.3	4.3	6.7	6.0	6.0	4.0	4.7	5.7	5.0	5.5	5.8
MB 26	6.6	4.8	5.3	5.3	7.7	8.7	4.7	7.2	6.0	6.0	3.7	5.7	6.3	4.7	5.2	5.8
PRO 8430	7.2	4.3	8.0	5.7	7.7	8.0	4.3	6.3	4.0	6.7	4.0	5.0	6.0	4.7	5.7	5.8
KITTY HAWK S.S.T. (SS45DW)	6.3	4.5	7.0	6.0	7.3	8.0	6.0	6.0	6.0	5.9	4.0	5.3	5.3	4.3	5.2	5.8
ARIZONA (PICK FA 6-91)	7.0	5.0	6.7	5.7	7.0	8.3	5.0	6.5	5.7	6.4	3.7	6.3	5.7	4.0	4.2	5.8
PICK FA 20-92	7.2	4.6	6.0	5.7	7.3	8.7	5.7	7.5	4.0	6.1	4.7	6.0	5.3	4.0	4.3	5.8
DP 7952	6.0	5.2	5.7	7.0	7.0	8.0	4.3	7.2	3.0	6.2	4.0	5.0	6.0	6.0	6.0	5.8
CORONADO	6.8	4.3	6.7	5.0	6.3	8.3	6.7	7.0	5.7	5.9	2.7	6.0	5.0	5.7	4.5	5.8
EQUINOX (TMI-N91)	7.4	4.7	6.3	6.0	7.3	7.7	4.0	7.3	4.0	6.2	5.0	5.3	5.7	4.3	5.2	5.8
REGIMENT	6.7	4.8	7.0	5.7	7.3	8.0	4.0	7.0	5.0	5.2	3.3	7.0	6.0	4.0	5.2	5.7
EA 41	7.2	4.2	5.3	5.0	8.0	7.3	4.7	7.2	4.3	5.9	5.0	5.0	6.3	5.7	5.0	5.7
BAR FA 6D	6.4	4.2	4.7	5.7	8.0	8.3	5.7	7.3	5.7	6.0	4.7	4.3	5.7	4.7	4.8	5.7
SRX 8084	6.8	4.7	7.3	5.7	7.3	7.3	4.7	6.3	5.7	6.3	3.3	4.7	6.0	4.7	5.3	5.7
MB 215	7.2	4.2	5.7	4.7	7.7	8.7	4.7	7.3	3.7	5.7	4.3	5.7	6.0	4.7	5.8	5.7
SUNPRO	7.2	4.5	5.7	6.0	7.3	7.7	5.3	6.7	4.7	5.6	3.7	6.0	5.3	4.7	5.3	5.7
TF 66 (BAR FA6 US6F)	6.3	4.8	5.0	6.0	8.0	8.7	5.3	7.5	2.7	5.3	4.3	5.0	5.7	5.7	5.2	5.7
ARID II (J-3)	6.7	4.7	7.7	5.3	6.3	8.3	6.7	5.8	2.7	6.0	4.7	4.7	6.0	5.0	4.7	5.7
AV-1	6.2	4.3	6.7	6.3	7.3	8.0	5.3	6.8	4.3	6.1	4.7	4.3	5.0	4.7	5.0	5.7
SR 8500 (SRX 8500)	6.6	4.5	7.0	5.0	7.3	8.3	4.3	6.3	3.7	6.6	5.0	5.7	5.0	4.0	5.8	5.7
TOMAHAWK-E	6.1	4.3	6.3	5.7	7.3	9.0	6.3	6.2	6.0	5.6	3.7	4.3	5.3	4.0	4.8	5.7
BULLDAWG (PICK GA-96)	6.0	4.2	7.0	5.0	8.0	7.7	4.7	6.0	4.0	6.0	4.0	6.0	6.3	4.3	4.8	5.6
BONSAI	6.0	3.8	6.0	7.0	6.7	7.0	5.3	6.5	2.7	6.2	4.3	6.7	5.0	5.3	5.5	5.6
BARLEXAS II (BAR FA 6LV)	5.3	4.3	5.3	5.0	7.7	7.3	5.7	7.2	5.3	6.4	2.7	5.0	5.7	5.3	5.0	5.6
PICK FA N-93	6.6	4.0	7.7	5.3	6.7	8.3	6.0	5.5	3.0	6.1	4.0	5.3	5.7	4.0	4.5	5.5
ARABIA (J-5)	6.3	4.5	4.3	4.3	7.0	7.7	5.0	7.2	4.0	5.8	4.0	5.0	6.3	5.7	5.3	5.5
ZANZIBAR (ZPS-5LZ)	6.9	4.7	5.3	4.3	7.0	8.3	5.0	5.0	5.0	5.9	4.3	5.7	5.3	4.3	4.8	5.5
SR 8210	6.2	4.2	5.7	3.7	7.0	7.3	5.7	7.3	4.3	6.8	3.3	6.0	5.3	4.0	4.8	5.4
COCHISE II	7.4	4.7	6.0	5.3	7.0	8.0	4.0	6.3	3.7	5.7	3.7	4.7	5.3	5.3	4.3	5.4
GAZELLE	5.6	4.5	6.7	5.7	7.3	8.0	6.7	5.0	4.3	5.4	5.0	4.0	4.3	4.3	4.5	5.4
ALAMO E	6.0	4.2	5.7	4.3	6.3	7.3	5.0	6.5	5.7	5.6	4.7	5.0	5.3	4.0	5.5	5.4
OFI-951	6.2	3.7	6.3	4.7	5.3	8.3	5.3	5.8	4.0	5.6	4.3	6.0	5.0	3.7	5.3	5.3
SHORTSTOP II	6.6	4.2	6.3	5.3	7.3	8.3	4.3	6.3	3.3	5.9	2.3	3.3	6.0	4.0	4.8	5.2
PICK FA UT-93	5.0	4.0	6.7	5.0	7.3	7.3	4.7	6.0	2.7	5.6	3.7	5.0	6.3	3.7	4.8	5.2
PICK FA 15-92	5.6	4.5	4.7	7.7	7.0	7.3	5.0	4.8	1.7	6.2	2.7	5.3	5.7	3.3	4.2	5.0
LSD VALUE	1.2	1.4	2.3	2.6	1.4	1.2	2.2	1.9	2.9	1.7	2.5	1.7	1.6	1.6	3.2	0.6
C.V. (%)	18.4	24.8	19.6	27.1	12.0	9.5	25.0	23.5	33.7	29.7	39.5	18.5	17.0	19.2	53.2	26.8

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

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

TABLE 43.

PYTHIUM BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	KS2	NAME	KS2	NAME	KS2
TOMAHAWK-E	7.3	BARLEXAS II (BAR FA 6LV)	4.7	BAR FA6 US2U	3.3
KENTUCKY-31 W/ENDO.	7.0	GENESIS	4.7	CHAPEL HILL (TA-7)	3.3
AV-1	6.7	MB 213	4.7	COYOTE	3.3
ISI-TF10	6.7	MB 214	4.7	CROSSFIRE II	3.3
JSC-1	6.7	MB 26	4.7	DURANA (MB 211)	3.3
KITTY HAWK S.S.T. (SS45DW)	6.7	PICK FA 20-92	4.7	GLEN EAGLE (EC-101)	3.3
RENEGADE	6.7	SHENANDOAH II (WRS2)	4.7	ONCUE (PST-523)	3.3
DP 7952	6.3	ANTHEM II (TMI-FMN)	4.3	PICK FA 15-92	3.3
GOOD-EN (KOOS 96-14)	6.3	BARRERA (BAR FA6 US3)	4.3	REBEL SENTRY (AA-A91)	3.3
JTIFC-96	6.3	BONSAI 2000 (BULLET)	4.3	RED COAT (ATF-038)	3.3
OFI-931	6.3	DYNASTY (PICK RT-95)	4.3	WILDFIRE (ATF-196)	3.3
FALCON II	6.0	EA 41	4.3	WPEZE (WVPB-1C)	3.3
FINELAWN PETITE	6.0	EQUINOX (TMI-N91)	4.3	DUSTER	3.0
PRO 8430	6.0	FALCON III (MB 212)	4.3	MB 215	3.0
SAFARI	6.0	HELIX (WVPB-1D)	4.3	MILLENNIUM (TMI-RBR)	3.0
APACHE II	5.7	PEDESTAL (PC-AO)	4.3	SR 8500 (SRX 8500)	3.0
ARIZONA (PICK FA 6-91)	5.7	SCORPIO (ZPS-2PTF)	4.3	SUNPRO	3.0
CU9502T	5.7	SHENANDOAH	4.3	TULSA	3.0
DLF-1	5.7	SR 8210	4.3	ATF-257	2.7
LEBERCHAUN	5.7	SRX 8084	4.3	AXIOM (ATF-192)	2.7
MASTERPIECE (LTP-SD-TF)	5.7	TITAN 2	4.3	BANDANA (PST-R5AE)	2.7
OLYMPIC GOLD (PST-5E5)	5.7	ARID	4.0	OFI-951	2.7
WVPB-1B	5.7	HRAVO (RG-93)	4.0	PIXIE E+	2.7
AIRLIE (MB 210)	5.3	COMSTOCK (SSDE31)	4.0	R5AU	2.7
BAR FA 6D	5.3	CORONADO GOLD (PST-5RT)	4.0	SOUTHERN CHOICE	2.7
BARRINGTON (BAR FA6D USA)	5.3	CU9501T	4.0	VELOCITY (AA-983)	2.7
DP 50-9011	5.3	EMPRESS	4.0	WOLFPACK (PST-R5TK)	2.7
MB 216	5.3	ISI-TF11	4.0	WYATT (ATF-188)	2.7
MB 29	5.3	ISI-TF9	4.0	JTTFA-96	2.3
WX3-275	5.3	JAGUAR 3	4.0	REMBRANDT (LTP-4026 E+)	2.3
ALAMO E	5.0	MB 28	4.0	ZANZIBAR (ZPS-5LZ)	2.3
BONSAI	5.0	PSII-TF-9	4.0	BRANDY (J-101)	2.0
CORONADO	5.0	RESERVE (ATF-182)	4.0	MUSTANG II	2.0
DOMINION (PST-5M5)	5.0	TAR HEEL	4.0	PICK FA UT-93	2.0
MARKSMAN	5.0	TF 66 (BAR FA6 US6F)	4.0	REGIMENT	2.0
OFI-96-31	5.0	TWILIGHT II (TMI-TW)	4.0	SHORTSTOP II	2.0
OFI-96-32	5.0	ARID 3 (J-98)	3.7	WATCHDOG (PICK FA B-93)	2.0
OFI-FWY	5.0	COCHISE II	3.7	PLANTATION (PENNINGTON-1901)	1.7
PSII-TF-10	5.0	LION	3.7	BULLDAWG (PICK GA-96)	1.3
PST-5TO	5.0	PICK FA N-93	3.7	GAZELLE	1.3
TRACER (BAR FA6 US1)	5.0	PICK FA XK-95	3.7	REBEL 2000 (AA-989)	1.0
ARABIA (J-5)	4.7	ARID II (J-3)	3.3		
ATF-253	4.7	ATF-020	3.3	LSD VALUE	3.3
AZTEC II (TMI-AZ)	4.7	ATF-022	3.3	C.V. (%)	48.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ PYTHIUM BLIGHT RATED IN 1997.

TABLE 44.

VERTICAL GROWTH RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

VERTICAL GROWTH RATINGS 1-9; 9=LEAST GROWTH 2/ 3/

NAME	KS2	NJ1	MEAN	NAME	KS2	NJ1	MEAN
PICK FA N-93	6.7	8.3	7.5	REBEL 2000 (AA-989)	4.0	6.0	5.0
PICK FA UT-93	5.7	8.0	6.8	RED COAT (ATF-038)	3.7	6.3	5.0
ZANZIBAR (ZPS-5LZ)	6.0	7.7	6.8	SCORPIO (ZPS-2PTF)	3.7	6.3	5.0
GAZELLE	5.7	7.3	6.5	SHENANDOAH II (WRS2)	4.0	6.0	5.0
SHORTSTOP II	5.0	8.0	6.5	TF 66 (BAR FA6 US6F)	4.3	5.7	5.0
TRACER (BAR FA6 US1)	4.7	8.0	6.3	TWILIGHT II (TMI-TW)	3.7	6.3	5.0
SR 8500 (SRX 8500)	5.0	7.3	6.2	BARLEXAS II (BAR FA 6LV)	3.0	6.7	4.8
VELOCITY (AA-983)	5.0	7.3	6.2	LEPRECHAUN	3.0	6.7	4.8
ARABIA (J-5)	4.7	7.3	6.0	MB 213	3.0	6.7	4.8
BAR FA6 US2U	5.0	7.0	6.0	ATF-253	3.3	6.3	4.8
MB 26	4.7	7.3	6.0	BANDANA (PST-R5AE)	3.7	6.0	4.8
PICK FA 15-92	4.7	7.3	6.0	DURANA (MB 211)	3.3	6.3	4.8
PICK FA XK-95	4.3	7.7	6.0	GOOD-EN (KOOS 96-14)	3.3	6.3	4.8
ARIZONA (PICK FA 6-91)	4.7	7.0	5.8	OLYMPIC GOLD (PST-5E5)	3.7	6.0	4.8
BARRERA (BAR FA6 US3)	4.7	7.0	5.8	ONCUE (PST-523)	3.7	6.0	4.8
OFI-951	4.7	7.0	5.8	PRO 8430	3.7	6.0	4.8
BARRINGTON (BAR FA6D USA)	4.7	6.7	5.7	REMBRANDT (LTP-4026 E+)	3.3	6.3	4.8
WATCHDOG (PICK FA B-93)	4.7	6.7	5.7	WYATT (ATF-188)	3.7	6.0	4.8
ARID 3 (J-98)	4.3	7.0	5.7	DOMINION (PST-5M5)	3.3	6.0	4.7
PICK FA 20-92	4.0	7.3	5.7	ISI-TF10	3.3	6.0	4.7
ATF-020	4.3	6.7	5.5	MB 216	3.3	6.0	4.7
BULLDAWG (PICK GA-96)	4.3	6.7	5.5	MB 29	3.3	6.0	4.7
DYNASTY (PICK RT-95)	4.7	6.3	5.5	EMPRESS	3.0	6.3	4.7
MB 214	4.0	7.0	5.5	ATF-022	3.0	6.0	4.5
SUNPRO	4.3	6.7	5.5	CROSSFIRE II	3.0	6.0	4.5
BAR FA 6D	4.3	6.3	5.3	MILLENNIUM (TMI-RBR)	3.7	5.3	4.5
BONSAI	3.7	7.0	5.3	OFI-931	3.0	6.0	4.5
COCHISE II	4.3	6.3	5.3	OFI-96-31	3.3	5.7	4.5
CORONADO	4.3	6.3	5.3	OFI-FWY	3.0	6.0	4.5
RESERVE (ATF-182)	4.3	6.3	5.3	PLANTATION (PENNINGTON-1901)	3.3	5.7	4.5
AXIOM (ATF-192)	3.3	7.0	5.2	REBEL SENTRY (AA-A91)	3.3	5.7	4.5
CORONADO GOLD (PST-5RT)	3.3	7.0	5.2	AIRLIE (MB 210)	3.0	5.7	4.3
COYOTE	3.7	6.7	5.2	ALAMO E	3.0	5.7	4.3
EA 41	3.7	6.7	5.2	JAGUAR 3	3.0	5.7	4.3
PSII-TF-10	3.3	7.0	5.2	PST-5TO	3.0	5.7	4.3
TAR HEEL	4.7	5.7	5.2	GENESIS	3.7	5.0	4.3
WILDFIRE (ATF-196)	3.7	6.7	5.2	TULSA	3.3	5.3	4.3
ARID II (J-3)	4.0	6.3	5.2	WX3-275	2.7	6.0	4.3
BRANDY (J-101)	4.0	6.3	5.2	ANTHEM II (TMI-FMN)	2.7	5.7	4.2
MASTERPIECE (LTP-SD-TF)	4.0	6.3	5.2	CU9501T	3.3	5.0	4.2
TOMAHAWK-E	4.0	6.3	5.2	FINELAWN PETITE	2.7	5.7	4.2
APACHE II	3.7	6.3	5.0	KITTY HAWK S.S.T. (SS45DW)	3.3	5.0	4.2
LION	3.7	6.3	5.0	MB 28	2.7	5.7	4.2
MB 215	3.7	6.3	5.0	WOLFPACK (PST-R5TK)	2.7	5.7	4.2

TABLE 44. VERTICAL GROWTH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

VERTICAL GROWTH RATINGS 1-9; 9=LEAST GROWTH

NAME	KS2	NJ1	MEAN
OFI-96-32	3.0	5.3	4.2
SOUTHERN CHOICE	3.0	5.3	4.2
SRX 8084	3.0	5.3	4.2
AZTEC II (TMI-AZ)	2.7	5.3	4.0
CHAPEL HILL (TA-7)	3.3	4.7	4.0
DUSTER	3.0	5.0	4.0
MUSTANG II	3.0	5.0	4.0
PEDESTAL (PC-AO)	2.7	5.3	4.0
PIXIE E+	2.7	5.3	4.0
PSII-TF-9	3.0	5.0	4.0
R5AU	2.7	5.3	4.0
SR 8210	2.3	5.7	4.0
JSC-1	2.0	5.7	3.8
BRAVO (RG-93)	2.7	5.0	3.8
CU9502T	2.3	5.3	3.8
ISI-TF11	2.3	5.3	3.8
ATF-257	2.3	5.0	3.7
BONSAI 2000 (BULLET)	2.3	5.0	3.7
FALCON III (MB 212)	2.7	4.7	3.7
GLEN EAGLE (EC-101)	2.7	4.7	3.7
ISI-TF9	2.7	4.7	3.7
WPEZE (WVPB-1C)	2.3	5.0	3.7
COMSTOCK (SSDE31)	2.0	5.3	3.7
JTTF A-96	3.0	4.3	3.7
MARKSMAN	2.3	4.7	3.5
REGIMENT	2.3	4.7	3.5
WVPB-1B	2.3	4.7	3.5
AV-1	2.0	4.7	3.3
EQUINOX (TMI-N91)	2.3	4.3	3.3
HELIX (WVPB-1D)	2.3	4.3	3.3
JTTF C-96	2.0	4.3	3.2
RENEGADE	2.0	4.3	3.2
SAFARI	2.0	3.7	2.8
DP 50-9011	1.7	3.7	2.7
FALCON II	1.7	3.7	2.7
SHENANDOAH	2.7	2.7	2.7
DLF-1	1.7	3.3	2.5
TITAN 2	1.7	2.7	2.2
DP 7952	1.3	2.7	2.0
ARID	1.0	2.0	1.5
KENTUCKY-31 W/ENDO.	1.0	1.3	1.2
LSD VALUE	1.2	1.3	0.9
C.V. (%)	22.1	13.9	16.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ VERTICAL GROWTH RATED AT "KS2" IN 1996 AND AT "NJ1" IN 1997.

TABLE 45. POA ANNUA (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

POA ANNUA RATINGS 1-9; 9=NO POA ANNUA 2/ 3/					
NAME	NY1	NAME	NY1	NAME	NY1
GOOD-EN (KOOS 96-14)	8.7	AXIOM (ATF-192)	7.7	ZANZIBAR (ZPS-5LZ)	7.3
PICK FA N-93	8.7	AZTEC II (TMI-AZ)	7.7	ALAMO E	7.0
TRACER (BAR FA6 US1)	8.7	CU9502T	7.7	APACHE II	7.0
ARABIA (J-5)	8.3	DOMINION (PST-5M5)	7.7	ATF-022	7.0
CRONADO	8.3	EQUINOX (TMI-N91)	7.7	ATF-257	7.0
EA 41	8.3	FINELAWN PETITE	7.7	BARLEXAS II (BAR FA 6IV)	7.0
OFI-951	8.3	GLEN EAGLE (EC-101)	7.7	BARRINGTON (BAR FA6D USA)	7.0
OFI-FWY	8.3	JITFA-96	7.7	BONSAI	7.0
PEDESTAL (PC-AO)	8.3	JITFC-96	7.7	CROSSFIRE II	7.0
RESERVE (ATF-182)	8.3	LION	7.7	DLF-1	7.0
TWILIGHT II (TMI-TW)	8.3	MB 214	7.7	GAZELLE	7.0
WATCHDOG (PICK FA B-93)	8.3	MB 215	7.7	ISI-TF10	7.0
ARID	8.0	MB 26	7.7	ISI-TF9	7.0
ATF-020	8.0	MB 29	7.7	JSC-1	7.0
ATF-253	8.0	MILLENNIUM (TMI-RBR)	7.7	KITTY HAWK S.S.T. (SS45DW)	7.0
BANDANA (PST-R5AE)	8.0	OFI-931	7.7	MASTERPIECE (LTP-SD-TF)	7.0
BAR FA6 US2U	8.0	PLANTATION (PENNINGTON-1901)	7.7	OFI-96-32	7.0
BULLDAWG (PICK GA-96)	8.0	PRO 8430	7.7	PICK FA XK-95	7.0
COCHISE II	8.0	PST-5TO	7.7	REMBRANDT (LTP-4026 E+)	7.0
COYOTE	8.0	REGIMENT	7.7	SRX 8084	7.0
DP 7952	8.0	WVPB-1B	7.7	SUNPRO	7.0
DUSTER	8.0	WX3-275	7.7	TITAN 2	7.0
EMPRESS	8.0	WYATT (ATF-188)	7.7	AV-1	6.7
FALCON II	8.0	ARID II (J-3)	7.3	BARRERA (BAR FA6 US3)	6.7
HELIIX (WVPB-1D)	8.0	BAR FA 6D	7.3	BONSAI 2000 (BULLET)	6.7
KENTUCKY-31 W/ENDO.	8.0	CHAPEL HILL (TA-7)	7.3	BRANDY (J-101)	6.7
MARKSMAN	8.0	COMSTOCK (SSDE31)	7.3	BRAVO (RG-93)	6.7
MB 213	8.0	CORONADO GOLD (PST-5RT)	7.3	DYNASTY (PICK RT-95)	6.7
MUSTANG II	8.0	CU9501T	7.3	PICK FA 20-92	6.7
ONCUE (PST-523)	8.0	DP 50-9011	7.3	PICK FA UT-93	6.7
PIXIE E+	8.0	DURANA (MB 211)	7.3	PSII-TF-10	6.7
PSII-TF-9	8.0	FALCON III (MB 212)	7.3	REBEL 2000 (AA-989)	6.7
R5AU	8.0	GENESIS	7.3	SAFARI	6.7
SHENANDOAH II (WRS2)	8.0	MB 216	7.3	SCORPIO (ZPS-2PTF)	6.7
SOUTHERN CHOICE	8.0	MB 28	7.3	SR 8500 (SRX 8500)	6.7
SR 8210	8.0	OFI-96-31	7.3	TAR HEEL	6.7
TF 66 (BAR FA6 US6F)	8.0	OLYMPIC GOLD (PST-5E5)	7.3	WOLFPACK (PST-R5TK)	6.7
TOMAHAWK-E	8.0	PICK FA 15-92	7.3	ISI-TF11	6.3
VELOCITY (AA-983)	8.0	REBEL SENTRY (AA-A91)	7.3	JAGUAR 3	6.3
WEEZE (WVPB-1C)	8.0	RED COAT (ATF-038)	7.3	LEPRECHAUN	6.3
AIRLIE (MB 210)	7.7	RENEGADE	7.3	SHENANDOAH	5.7
ANTHEM II (TMI-FMN)	7.7	SHORTSTOP II	7.3		
ARID 3 (J-98)	7.7	TULSA	7.3	LSD VALUE	1.8
ARIZONA (PICK FA 6-91)	7.7	WILDFIRE (ATF-196)	7.3	C.V. (%)	15.3

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

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

3/ POA ANNUA RATED IN 1998.

TABLE 46.

SUMMER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	CA3	NAME	CA3	NAME	CA3
MB 213	7.0	ALAMO E	6.0	PEDESTAL (PC-AO)	6.0
MB 214	7.0	ANTHEM II (TMI-FMN)	6.0	PICK FA 20-92	6.0
PLANTATION (PENNINGTON-1901)	7.0	APACHE II	6.0	PICK FA UT-93	6.0
SHENANDOAH II (WRS2)	7.0	ARID 3 (J-98)	6.0	PIXIE E+	6.0
AIRLIE (MB 210)	6.7	ARID II (J-3)	6.0	PRO 8430	6.0
DURANA (MB 211)	6.7	ARIZONA (PICK FA 6-91)	6.0	PSII-TF-10	6.0
DYNASTY (PICK RT-95)	6.7	ATF-020	6.0	REBEL SENTRY (AA-A91)	6.0
FALCON III (MB 212)	6.7	ATF-022	6.0	RED COAT (ATF-038)	6.0
MB 216	6.7	ATF-253	6.0	REGIMENT	6.0
MB 28	6.7	ATF-257	6.0	RENEGADE	6.0
OFI-931	6.7	AXIOM (ATF-192)	6.0	RESERVE (ATF-182)	6.0
TAR HEEL	6.7	BANDANA (PST-R5AE)	6.0	SOUTHERN CHOICE	6.0
TRACER (BAR FA6 US1)	6.7	BAR FA 6D	6.0	SR 8500 (SRX 8500)	6.0
TWILIGHT II (TMI-TW)	6.7	BARLEXAS II (BAR FA 6IV)	6.0	SUNPRO	6.0
ARABIA (J-5)	6.3	BRANDY (J-101)	6.0	WILDFIRE (ATF-196)	6.0
BAR FA6 US2U	6.3	BRAVO (RG-93)	6.0	WX3-275	6.0
BARRERA (BAR FA6 US3)	6.3	BULLDAWG (PICK GA-96)	6.0	WYAIT (ATF-188)	6.0
BARRINGTON (BAR FA6D USA)	6.3	CHAPEL HILL (TA-7)	6.0	ZANZIBAR (ZPS-5LZ)	6.0
COYOTE	6.3	COMSTOCK (SSDE31)	6.0	AZTEC II (TMI-AZ)	5.7
EA 41	6.3	CORONADO	6.0	COCHISE II	5.7
FINELAWN PETITE	6.3	CORONADO GOLD (PST-5RT)	6.0	HELIX (WVPB-1D)	5.7
JAGUAR 3	6.3	CROSSFIRE II	6.0	ISI-TF11	5.7
LION	6.3	CJ9501T	6.0	JSC-1	5.7
MASTERPIECE (LTP-SD-TF)	6.3	CJ9502T	6.0	KITTY HAWK S.S.T. (SS45DW)	5.7
MB 215	6.3	DOMINION (PST-5M5)	6.0	SHORTSTOP II	5.7
MILLENNIUM (TMI-RBR)	6.3	DUSTER	6.0	TULSA	5.7
MUSTANG II	6.3	EMPRESS	6.0	WPEZE (WVPB-1C)	5.7
OFI-951	6.3	EQUINOX (TMI-N91)	6.0	WVPB-1B	5.7
ONCUE (PST-523)	6.3	FALCON II	6.0	ARID	5.3
PICK FA 15-92	6.3	GAZELLE	6.0	AV-1	5.3
PICK FA N-93	6.3	GENESIS	6.0	BONSAI	5.3
PICK FA XK-95	6.3	GLEN EAGLE (EC-101)	6.0	BONSAI 2000 (BULLET)	5.3
PST-5TO	6.3	GOOD-EN (KOOS 96-14)	6.0	DP 50-9011	5.3
R5AU	6.3	ISI-TF10	6.0	PSII-TF-9	5.3
REBEL 2000 (AA-989)	6.3	ISI-TF9	6.0	SAFARI	5.3
REMBRANDT (LTP-4026 E+)	6.3	JTTF-96	6.0	TITAN 2	5.3
SCORPIO (ZPS-2PTF)	6.3	LEPRECHAUN	6.0	DLF-1	5.0
SHENANDOAH	6.3	MARKSMAN	6.0	DP 7952	5.0
SR 8210	6.3	MB 26	6.0	SRX 8084	5.0
TF 66 (BAR FA6 US6F)	6.3	MB 29	6.0	JTTF-96	4.7
TOMAHAWK-E	6.3	OFI-96-31	6.0	KENTUCKY-31 W/ENDO.	4.0
VELOCITY (AA-983)	6.3	OFI-96-32	6.0		
WATCHDOG (PICK FA B-93)	6.3	OFI-FWY	6.0	LSD VALUE	0.7
WOLFPACK (PST-R5TK)	6.3	OLYMPIC GOLD (PST-5E5)	6.0	C.V. (%)	7.4

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

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

3/ SUMMER COLOR RATED IN 1998.

TABLE 47.

FALL COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

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

NAME	CA3	NY1	MEAN	NAME	CA3	NY1	MEAN
MB 214	8.0	6.5	7.3	AXIOM (ATF-192)	6.7	6.3	6.5
TRACER (BAR FA6 US1)	7.7	6.5	7.1	BONSAI 2000 (BULLET)	6.7	6.3	6.5
ARABIA (J-5)	8.0	6.0	7.0	BRANDY (J-101)	7.0	6.0	6.5
MB 26	8.0	6.0	7.0	BULLDAWG (PICK GA-96)	6.3	6.7	6.5
BARRINGTON (BAR FA6D USA)	7.7	6.2	6.9	DUSTER	7.0	6.0	6.5
MILLENNIUM (TMI-RBR)	7.7	6.2	6.9	GAZELLE	6.7	6.3	6.5
PICK FA XK-95	7.7	6.2	6.9	MB 215	6.7	6.3	6.5
SHENANDOAH II (WRS2)	7.7	6.2	6.9	MB 216	7.3	5.7	6.5
CROSSFIRE II	7.3	6.5	6.9	PEDESTAL (PC-AO)	7.0	6.0	6.5
PICK FA 15-92	7.3	6.5	6.9	PICK FA 20-92	7.3	5.7	6.5
PLANTATION (PENNINGTON-1901)	7.3	6.5	6.9	PICK FA N-93	7.0	6.0	6.5
REBEL 2000 (AA-989)	7.3	6.5	6.9	SHORTSTOP II	6.7	6.3	6.5
WX3-275	7.0	6.7	6.8	SUNPRO	7.0	6.0	6.5
BARRERA (BAR FA6 US3)	7.3	6.3	6.8	WATCHDOG (PICK FA B-93)	6.7	6.3	6.5
COCHISE II	7.3	6.3	6.8	WILDFIRE (ATF-196)	7.3	5.7	6.5
CORONADO GOLD (PST-5RT)	7.3	6.3	6.8	CHAPEL HILL (TA-7)	6.7	6.2	6.4
MB 28	7.3	6.3	6.8	ATF-020	7.0	5.8	6.4
OFI-951	7.3	6.3	6.8	BRAVO (RG-93)	7.0	5.8	6.4
OLYMPIC GOLD (PST-5E5)	7.3	6.3	6.8	OFI-FWY	7.0	5.8	6.4
TWILIGHT II (TMI-TW)	7.3	6.3	6.8	PST-5TO	7.3	5.5	6.4
ZANZIBAR (ZPS-5LZ)	7.3	6.3	6.8	REBEL SENTRY (AA-A91)	7.0	5.8	6.4
BARLEXAS II (BAR FA 6LV)	7.7	5.8	6.8	RED COAT (ATF-038)	7.0	5.8	6.4
LION	7.3	6.2	6.8	WOLFPACK (PST-R5TK)	7.0	5.8	6.4
MB 29	7.0	6.5	6.8	ALAMO E	7.0	5.7	6.3
RENEGADE	7.3	6.2	6.8	ATF-253	6.7	6.0	6.3
TF 66 (BAR FA6 US6F)	7.3	6.2	6.8	CORONADO	6.7	6.0	6.3
AIRLIE (MB 210)	7.0	6.3	6.7	DYNASTY (PICK RT-95)	6.7	6.0	6.3
APACHE II	7.3	6.0	6.7	EA 41	6.7	6.0	6.3
ARIZONA (PICK FA 6-91)	7.0	6.3	6.7	GLEN EAGLE (EC-101)	6.7	6.0	6.3
BAR FA6 US2U	7.3	6.0	6.7	MASTERPIECE (LTP-SD-TF)	6.7	6.0	6.3
FALCON III (MB 212)	7.0	6.3	6.7	RESERVE (ATF-182)	6.7	6.0	6.3
MB 213	7.0	6.3	6.7	SCORPIO (ZPS-2PTF)	7.0	5.7	6.3
OFI-96-32	7.0	6.3	6.7	SR 8500 (SRX 8500)	6.7	6.0	6.3
TULSA	7.0	6.3	6.7	BAR FA 6D	6.7	5.8	6.3
COYOTE	6.7	6.5	6.6	JAGUAR 3	7.0	5.5	6.3
CU9501T	7.0	6.2	6.6	R5AU	7.0	5.5	6.3
DURANA (MB 211)	7.0	6.2	6.6	SOUTHERN CHOICE	7.0	5.5	6.3
ISI-TF10	7.0	6.2	6.6	VELOCITY (AA-983)	6.7	5.8	6.3
OFI-931	7.0	6.2	6.6	FINELAWN PETITE	6.7	5.7	6.2
OFI-96-31	7.0	6.2	6.6	PIXIE E+	6.7	5.7	6.2
PICK FA UT-93	7.0	6.2	6.6	TOMAHAWK-E	6.7	5.7	6.2
REMBRANDT (LTP-4026 E+)	6.7	6.5	6.6	ANTHEM II (TMI-FMN)	7.0	5.3	6.2
WYATT (ATF-188)	7.0	6.2	6.6	ARID II (J-3)	6.3	6.0	6.2
ARID 3 (J-98)	7.0	6.0	6.5	ATF-257	6.3	6.0	6.2

TABLE 47. FALL COLOR RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997-2000 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION			
NAME	CA3	NY1	MEAN
EMPRESS	6.3	6.0	6.2
GENESIS	6.0	6.3	6.2
MUSTANG II	6.3	6.0	6.2
WVPB-1B	6.3	6.0	6.2
KITTY HAWK S.S.T. (SS45DW)	6.7	5.5	6.1
MARKSMAN	6.0	6.2	6.1
PSII-TF-10	6.0	6.2	6.1
WPEZE (WVPB-1C)	6.7	5.5	6.1
DOMINION (PST-5M5)	6.3	5.8	6.1
FALCON II	6.3	5.8	6.1
BANDANA (PST-R5AE)	6.0	6.0	6.0
COMSTOCK (SSDE31)	6.3	5.7	6.0
EQUINOX (TMI-N91)	6.3	5.7	6.0
ISI-TF11	6.3	5.7	6.0
DP 50-9011	6.7	5.2	5.9
GOOD-EN (KOOS 96-14)	6.7	5.2	5.9
ATF-022	6.3	5.5	5.9
ONCUE (PST-523)	6.3	5.5	5.9
PRO 8430	6.3	5.5	5.9
REGIMENT	6.0	5.8	5.9
SR 8210	6.0	5.8	5.9
JTTFC-96	6.0	5.7	5.8
SHENANDOAH	6.0	5.7	5.8
SRX 8084	6.0	5.7	5.8
TAR HEEL	6.0	5.7	5.8
AZTEC II (TMI-AZ)	6.3	5.3	5.8
BONSAI	6.3	5.3	5.8
CU9502T	5.7	5.8	5.8
ISI-TF9	6.0	5.5	5.8
JSC-1	5.7	5.8	5.8
HELIX (WVPB-1D)	6.0	5.3	5.7
LEPRECHAUN	5.7	5.5	5.6
PSII-TF-9	5.3	5.8	5.6
SAFARI	5.3	5.8	5.6
DLF-1	5.7	5.2	5.4
JTTFA-96	5.3	5.3	5.3
ARID	6.0	4.3	5.2
TITAN 2	5.3	5.0	5.2
AV-1	5.3	4.8	5.1
DP 7952	5.0	4.3	4.7
KENTUCKY-31 W/ENDO.	4.0	4.0	4.0
LSD VALUE	1.1	1.6	1.2
C.V. (%)	10.3	24.4	20.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR RATED AT "CA3" IN 1998 AND AT "NY1" IN 1997-98.

TABLE 48. ESTABLISHMENT DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	NJ1	NAME	NJ1	NAME	NJ1
R5AU	8.7	ESII-TF-9	6.3	JITFC-96	5.0
SAFARI	8.7	REMBRANDT (LTP-4026 E+)	6.3	LION	5.0
TITAN 2	8.7	SRX 8084	6.3	OFT-951	5.0
FALCON II	8.3	JAGUAR 3	6.0	SUNPRO	5.0
MILLENNIUM (TMI-RBR)	8.3	OFI-96-32	6.0	TWILIGHT II (TMI-IW)	5.0
AZTEC II (TMI-AZ)	8.0	QNCUE (PST-523)	6.0	ARID 3 (J-98)	4.7
KENTUCKY-31 W/ENDO.	8.0	RED COAT (ATF-038)	6.0	ATF-253	4.7
SR 8210	8.0	TAR HEEL	6.0	BANDANA (PST-R5AE)	4.7
ARID	7.7	TULSA	6.0	COYOTE	4.7
GENESIS	7.7	WVPB-1B	6.0	DOMINION (PST-5M5)	4.7
MARKSMAN	7.7	ATF-257	5.7	KITTY HAWK S.S.T. (SS45DW)	4.7
PLANTATION (PENNINGTON-1901)	7.7	BARRINGTON (BAR FA6D USA)	5.7	RESERVE (ATF-182)	4.7
RENEGADE	7.7	DUSTER	5.7	WOLFPACK (PST-R5TK)	4.7
SHENANDOAH	7.7	MB 26	5.7	COMSTOCK (SSDE31)	4.3
BAR FA 6D	7.3	MB 29	5.7	CROSSFIRE II	4.3
BARLEXAS II (BAR FA 6LV)	7.3	OFI-FWY	5.7	GAZELLE	4.3
CJ9501T	7.3	OLYMPIC GOLD (PST-5E5)	5.7	JSC-1	4.3
DP 7952	7.3	PICK FA 20-92	5.7	PSII-TF-10	4.3
FALCON III (MB 212)	7.3	SOUTHERN CHOICE	5.7	ZANZIBAR (ZPS-5LZ)	4.3
MB 216	7.3	TF 66 (BAR FA6 US6F)	5.7	BONSAI	4.0
OFI-931	7.3	WX3-275	5.7	COCHISE II	4.0
REGIMENT	7.3	ATF-022	5.3	DURANA (MB 211)	4.0
ANTHEM II (TMI-FMN)	7.0	BARRERA (BAR FA6 US3)	5.3	EMPRESS	4.0
CHAPEL HILL (TA-7)	7.0	DP 50-9011	5.3	GOOD-EN (KOOS 96-14)	4.0
LEPRECHAUN	7.0	FINELAWN PETITE	5.3	PRO 8430	4.0
REBEL 2000 (AA-989)	7.0	JITFA-96	5.3	SHORTSTOP II	4.0
ALAMO E	6.7	MB 214	5.3	WILDFIRE (ATF-196)	4.0
APACHE II	6.7	MB 215	5.3	ATF-020	3.7
BRAVO (RG-93)	6.7	PEDESTAL (PC-AO)	5.3	AV-1	3.7
CJ9502T	6.7	SHENANDOAH II (WRS2)	5.3	PICK FA UT-93	3.7
EQUINOX (TMI-N91)	6.7	SR 8500 (SRX 8500)	5.3	PICK FA XK-95	3.7
HELIX (WVPB-1D)	6.7	WPEZE (WVPB-1C)	5.3	VELOCITY (AA-983)	3.7
ISI-TF9	6.7	WYATT (ATF-188)	5.3	ARID II (J-3)	3.3
MB 213	6.7	AIRLIE (MB 210)	5.0	CRONADO GOLD (PST-5RT)	3.3
MB 28	6.7	ARIZONA (PICK FA 6-91)	5.0	PST-5TO	3.3
OFI-96-31	6.7	AXIOM (ATF-192)	5.0	TRACER (BAR FA6 US1)	3.3
REBEL SENTRY (AA-A91)	6.7	BAR FA6 US2U	5.0	MASTERPIECE (LTP-SD-TF)	3.0
SCORPIO (ZPS-2PTF)	6.7	BRANDY (J-101)	5.0	TOMAHAWK-E	3.0
WATCHDOG (PICK FA B-93)	6.7	BULLDAWG (PICK GA-96)	5.0	ARABIA (J-5)	2.7
BONSAI 2000 (BULLET)	6.3	DLF-1	5.0	PICK FA 15-92	2.7
CORONADO	6.3	DYNASTY (PICK RT-95)	5.0	PICK FA N-93	2.0
ISI-TF11	6.3	EA 41	5.0		
MUSTANG II	6.3	GLEN EAGLE (EC-101)	5.0	LSD VALUE	2.5
PIXIE E+	6.3	ISI-TF10	5.0	C.V. (%)	28.1

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

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

TABLE 49. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
1997-2000 DATA 2/

NAME	SC2	NAME	SC2	NAME	SC2
ARID	51.7	GENESIS	41.7	ISI-TF9	38.3
CU9501T	51.7	MB 213	41.7	JSC-1	38.3
REMBRANDT (LTP-4026 E+)	50.0	MB 214	41.7	KENTUCKY-31 W/ENDO.	38.3
ARID 3 (J-98)	48.3	MB 28	41.7	LEPRECHAUN	38.3
CU9502T	48.3	OFI-96-32	41.7	MASTERPIECE (LTP-SD-TF)	38.3
PIXIE E+	48.3	PICK FA 15-92	41.7	OFI-931	38.3
REGIMENT	48.3	PICK FA UT-93	41.7	OFI-951	38.3
ALAMO E	46.7	PLANTATION (PENNINGTON-1901)	41.7	ONCUE (PST-523)	38.3
ARID II (J-3)	46.7	R5AU	41.7	PICK FA 20-92	38.3
ATF-253	46.7	SAFARI	41.7	PRO 8430	38.3
ATF-257	46.7	SHENANDOAH II (WRS2)	41.7	SCORPIO (ZPS-2PTF)	38.3
DP 7952	46.7	TWILIGHT II (TMI-TW)	41.7	SR 8210	38.3
MB 29	46.7	WVPB-1B	41.7	SR 8500 (SRX 8500)	38.3
WILDFIRE (ATF-196)	46.7	WYATT (ATF-188)	41.7	TAR HEEL	38.3
ANTHEM II (TMI-FMN)	45.0	APACHE II	40.0	TOMAHAWK-E	38.3
ATF-020	45.0	BARLEXAS II (BAR FA 6LV)	40.0	WPEZE (WVPB-1C)	38.3
ATF-022	45.0	BARRINGTON (BAR FA6D USA)	40.0	BARRERA (BAR FA6 US3)	36.7
AXIOM (ATF-192)	45.0	BULLDAWG (PICK GA-96)	40.0	CORONADO GOLD (PST-5RT)	36.7
MB 26	45.0	CHAPEL HILL (TA-7)	40.0	DOMINION (PST-5M5)	36.7
MILLENNIUM (TMI-RBR)	45.0	COCHISE II	40.0	DYNASTY (PICK RT-95)	36.7
MUSTANG II	45.0	CORONADO	40.0	FINELAWN PETITE	36.7
REBEL 2000 (AA-989)	45.0	ISI-TF10	40.0	GAZELLE	36.7
REBEL SENTRY (AA-A91)	45.0	KITTY HAWK S.S.T. (SS45DW)	40.0	JAGUAR 3	36.7
RED COAT (ATF-038)	45.0	MARKSMAN	40.0	JTTFA-96	36.7
RESERVE (ATF-182)	45.0	OFI-96-31	40.0	JTTFC-96	36.7
SHORTSTOP II	45.0	OFI-FWY	40.0	OLYMPIC GOLD (PST-5E5)	36.7
TULSA	45.0	PEDESTAL (PC-AO)	40.0	PICK FA XK-95	36.7
AIRLIE (MB 210)	43.3	PICK FA N-93	40.0	PST-5TO	36.7
ARABIA (J-5)	43.3	PSII-TF-10	40.0	SUNPRO	36.7
BCNSAI 2000 (BULLET)	43.3	PSII-TF-9	40.0	TF 66 (BAR FA6 US6F)	36.7
BRANDY (J-101)	43.3	RENEGADE	40.0	TITAN 2	36.7
DLF-1	43.3	SRX 8084	40.0	TRACER (BAR FA6 US1)	36.7
DP 50-9011	43.3	WX3-275	40.0	WOLFPACK (PST-R5TK)	36.7
GOOD-EN (KOOS 96-14)	43.3	AV-1	38.3	ZANZIBAR (ZPS-5LZ)	36.7
MB 215	43.3	BANDANA (PST-R5AE)	38.3	LION	35.0
MB 216	43.3	BAR FA6 US2U	38.3		
SHENANDOAH	43.3	BONSAI	38.3	LSD VALUE	10.8
SOUTHERN CHOICE	43.3	BRAVO (RG-93)	38.3	C.V. (%)	16.3
VELOCITY (AA-983)	43.3	COMSTOCK (SSDE31)	38.3		
WATCHDOG (PICK FA B-93)	43.3	COYOTE	38.3		
ARIZONA (PICK FA 6-91)	41.7	CROSSFIRE II	38.3		
AZTEC II (TMI-AZ)	41.7	DUSTER	38.3		
BAR FA 6D	41.7	EA 41	38.3		
DURANA (MB 211)	41.7	EMPRESS	38.3		
EQUINOX (TMI-N91)	41.7	GLEN EAGLE (EC-101)	38.3		
FALCON II	41.7	HELIX (WVPB-1D)	38.3		
FALCON III (MB 212)	41.7	ISI-TF11	38.3		

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

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

TABLE 50. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT GRIFFIN, GA 2/
1997-2000 DATA

NAME	WEEKS AFTER SEEDING			NAME	WEEKS AFTER SEEDING		
	3 WEEKS	10 WEEKS	MEAN		3 WEEKS	10 WEEKS	MEAN
ATF-257	48.3	70.0	59.2	OLYMPIC GOLD (PST-5E5)	31.7	66.7	49.2
ERAVO (RG-93)	38.3	73.3	55.8	PLANTATION (PENNINGTON-1901)	31.7	66.7	49.2
EMPRESS	40.0	71.7	55.8	PSII-TF-9	35.0	63.3	49.2
REGIMENT	40.0	71.7	55.8	R5AU	31.7	66.7	49.2
TITAN 2	43.3	68.3	55.8	WPEZE (WVPB-1C)	35.0	63.3	49.2
ANTHEM II (TMI-FMN)	40.0	70.0	55.0	APACHE II	36.7	60.0	48.3
BONSAI 2000 (BULLET)	38.3	71.7	55.0	BONSAI	28.3	68.3	48.3
REMBRANDT (LTP-4026 E+)	33.3	76.7	55.0	CJ9501T	30.0	66.7	48.3
RESERVE (ATF-182)	38.3	71.7	55.0	FINELAWN PETITE	33.3	63.3	48.3
AZTEC II (TMI-AZ)	36.7	71.7	54.2	GAZELLE	30.0	66.7	48.3
GENESIS	35.0	73.3	54.2	JTTFA-96	28.3	68.3	48.3
WX3-275	38.3	70.0	54.2	JTTFC-96	31.7	65.0	48.3
EQUINOX (TMI-N91)	40.0	66.7	53.3	MB 28	30.0	66.7	48.3
KENTUCKY-31 W/ENDO.	33.3	73.3	53.3	PIXIE E+	30.0	66.7	48.3
MASTERPIECE (LTP-SD-TF)	36.7	70.0	53.3	RED COAT (ATF-038)	33.3	63.3	48.3
REBEL SENTRY (AA-A91)	38.3	68.3	53.3	SUNPRO	31.7	65.0	48.3
SHENANDOAH	38.3	68.3	53.3	TF 66 (BAR FA6 US6F)	31.7	65.0	48.3
SOUTHERN CHOICE	36.7	70.0	53.3	WOLFPACK (PST-R5TK)	31.7	65.0	48.3
SRX 8084	36.7	70.0	53.3	BARLEXAS II (BAR FA 6LV)	31.7	63.3	47.5
BANDANA (PST-R5AE)	35.0	70.0	52.5	BARRINGTON (BAR FA6D USA)	26.7	68.3	47.5
COCHISE II	41.7	63.3	52.5	CORONADO GOLD (PST-5RT)	33.3	61.7	47.5
GOOD-EN (KOOS 96-14)	36.7	68.3	52.5	CROSSFIRE II	33.3	61.7	47.5
HELIX (WVPB-1D)	41.7	63.3	52.5	KITTY HAWK S.S.T. (SS45DW)	33.3	61.7	47.5
MILLENNIUM (TMI-RBR)	40.0	65.0	52.5	LION	31.7	63.3	47.5
SAFARI	36.7	68.3	52.5	OFI-951	30.0	65.0	47.5
ARID	35.0	68.3	51.7	VELOCITY (AA-983)	30.0	65.0	47.5
OFI-96-31	36.7	66.7	51.7	WVPB-1B	31.7	63.3	47.5
ALAMO E	33.3	68.3	50.8	BARRERA (BAR FA6 US3)	31.7	61.7	46.7
AV-1	30.0	71.7	50.8	COYOTE	30.0	63.3	46.7
BRANDY (J-101)	38.3	63.3	50.8	DP 7952	28.3	65.0	46.7
DOMINION (PST-5M5)	31.7	70.0	50.8	FALCON II	28.3	65.0	46.7
JAGUAR 3	35.0	66.7	50.8	GLEN EAGLE (EC-101)	31.7	61.7	46.7
LEPRECHAUN	35.0	66.7	50.8	ISI-TF9	26.7	66.7	46.7
SHORTSTOP II	38.3	63.3	50.8	PICK FA 20-92	30.0	63.3	46.7
SR 8500 (SRX 8500)	31.7	70.0	50.8	PICK FA UT-93	26.7	66.7	46.7
TULSA	35.0	66.7	50.8	PRO 8430	30.0	63.3	46.7
AXIOM (ATF-192)	35.0	65.0	50.0	SHENANDOAH II (WRS2)	33.3	60.0	46.7
BULLDAWG (PICK GA-96)	35.0	65.0	50.0	AIRLIE (MB 210)	28.3	63.3	45.8
OFI-931	33.3	66.7	50.0	ATF-020	30.0	61.7	45.8
PEDESTAL (PC-AO)	31.7	68.3	50.0	DUSTER	28.3	63.3	45.8
BAR FA 6D	31.7	66.7	49.2	FALCON III (MB 212)	28.3	63.3	45.8
CHAPEL HILL (TA-7)	31.7	66.7	49.2	ISI-TF11	26.7	65.0	45.8
CORONADO	31.7	66.7	49.2	JSC-1	26.7	65.0	45.8
DJRANA (MB 211)	31.7	66.7	49.2	MARKSMAN	31.7	60.0	45.8
MB 26	35.0	63.3	49.2	PICK FA 15-92	33.3	58.3	45.8
MB 29	35.0	63.3	49.2	PSII-TF-10	28.3	63.3	45.8
MUSTANG II	31.7	66.7	49.2	BAR FA6 US2U	30.0	60.0	45.0

TABLE 50. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT GRIFFIN, GA
1997-2000 DATA

NAME	WEEKS AFTER SEEDING		
	3 WEEKS	10 WEEKS	MEAN
PST-5TO	28.3	61.7	45.0
RENEGADE	25.0	65.0	45.0
TWILIGHT II (TMI-TW)	31.7	58.3	45.0
DLF-1	28.3	60.0	44.2
ISI-TF10	28.3	60.0	44.2
OFI-FWY	28.3	60.0	44.2
ONCUE (PST-523)	26.7	61.7	44.2
REBEL 2000 (AA-989)	33.3	55.0	44.2
TAR HEEL	26.7	61.7	44.2
ARABIA (J-5)	28.3	58.3	43.3
ARIZONA (PICK FA 6-91)	25.0	61.7	43.3
PICK FA XK-95	26.7	60.0	43.3
SCORPIO (ZPS-2PTF)	26.7	60.0	43.3
SR 8210	28.3	58.3	43.3
WILDFIRE (ATF-196)	28.3	58.3	43.3
ATF-022	28.3	56.7	42.5
ATF-253	26.7	58.3	42.5
COMSTOCK (SSDE31)	25.0	60.0	42.5
CU9502T	28.3	56.7	42.5
DYNASTY (PICK RT-95)	26.7	58.3	42.5
EA 41	26.7	58.3	42.5
MB 214	26.7	58.3	42.5
ZANZIBAR (ZPS-5LZ)	26.7	58.3	42.5
MB 213	26.7	56.7	41.7
MB 216	28.3	55.0	41.7
OFI-96-32	25.0	58.3	41.7
TOMAHAWK-E	21.7	61.7	41.7
WATCHDOG (PICK FA B-93)	20.0	63.3	41.7
ARID 3 (J-98)	28.3	54.3	41.3
PICK FA N-93	25.0	56.7	40.8
MB 215	23.3	56.7	40.0
WYATT (ATF-188)	28.3	51.7	40.0
DP 50-9011	23.3	51.0	37.2
ARID II (J-3)	25.0	48.3	36.7
TRACER (BAR FA6 US1)	23.3	46.7	35.0
LSD VALUE	17.2	21.2	13.4
C.V. (%)	21.6	11.9	12.3

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

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

TABLE 51.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT FAYETTEVILLE, AR
1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	SEPTEMBER	MEAN	NAME	JULY	SEPTEMBER	MEAN
ATF-257	9.0	7.0	8.0	REBEL SENTRY (AA-A91)	7.3	5.7	6.5
COYOTE	7.7	7.7	7.7	REMBRANDT (LTP-4026 E+)	8.3	4.7	6.5
JAGUAR 3	7.7	7.7	7.7	RESERVE (ATF-182)	7.7	5.3	6.5
ATF-253	8.3	6.7	7.5	SHENANDOAH II (WRS2)	7.3	5.7	6.5
COCHISE II	7.7	7.3	7.5	SHORTSTOP II	7.0	6.0	6.5
LION	7.3	7.7	7.5	SR 8210	6.7	6.3	6.5
DOMINION (PST-5M5)	8.3	6.3	7.3	TITAN 2	7.7	5.3	6.5
EQUINOX (TMI-N91)	7.3	7.3	7.3	WYATT (ATF-188)	7.0	6.0	6.5
ISI-TF11	8.0	6.7	7.3	ATF-020	7.0	5.7	6.3
CHAPEL HILL (TA-7)	7.7	6.7	7.2	AV-1	7.0	5.7	6.3
FALCON III (MB 212)	8.0	6.3	7.2	BAR FA6 US2U	7.7	5.0	6.3
ISI-TF9	7.3	7.0	7.2	CROSSFIRE II	7.3	5.3	6.3
KENTUCKY-31 W/ENDO.	7.3	7.0	7.2	EA 41	6.0	6.7	6.3
COMSTOCK (SSDE31)	7.0	7.0	7.0	GENESIS	7.7	5.0	6.3
DLF-1	7.0	7.0	7.0	GLEN EAGLE (EC-101)	7.3	5.3	6.3
MUSTANG II	8.3	5.7	7.0	JTTFC-96	7.7	5.0	6.3
ONCUE (PST-523)	8.7	5.3	7.0	PEDESTAL (PC-AO)	7.3	5.3	6.3
AIRLIE (MB 210)	7.7	6.0	6.8	PICK FA XK-95	7.0	5.7	6.3
BONSAI 2000 (BULLET)	7.3	6.3	6.8	PRO 8430	7.3	5.3	6.3
BRAVO (RG-93)	7.0	6.7	6.8	SCORPIO (ZPS-2PTF)	7.7	5.0	6.3
DURANA (MB 211)	7.3	6.3	6.8	SOUTHERN CHOICE	7.3	5.3	6.3
HELIX (WVFB-1D)	8.0	5.7	6.8	TAR HEEL	8.0	4.7	6.3
OFI-96-31	7.0	6.7	6.8	TULSA	6.3	6.3	6.3
RED COAT (ATF-038)	6.7	7.0	6.8	WPEZE (WVPB-1C)	8.7	4.0	6.3
ARID 3 (J-98)	8.0	5.3	6.7	WVPB-1B	6.7	6.0	6.3
CORONADO GOLD (PST-5RT)	6.7	6.7	6.7	APACHE II	7.0	5.3	6.2
CU9501T	7.7	5.7	6.7	AZTEC II (TMI-AZ)	7.0	5.3	6.2
MASTERPIECE (LTP-SD-TF)	7.3	6.0	6.7	BARRERA (BAR FA6 US3)	7.7	4.7	6.2
MB 213	7.3	6.0	6.7	DP 50-9011	7.0	5.3	6.2
MB 29	6.7	6.7	6.7	EMPRESS	7.3	5.0	6.2
OLYMPIC GOLD (PST-5E5)	8.7	4.7	6.7	KITTY HAWK S.S.T. (SS45DW)	6.3	6.0	6.2
PSII-TF-9	7.0	6.3	6.7	MB 28	6.7	5.7	6.2
WATCHDOG (PICK FA B-93)	8.0	5.3	6.7	SHENANDOAH	7.0	5.3	6.2
ARID II (J-3)	6.3	6.7	6.5	TRACER (BAR FA6 US1)	7.0	5.3	6.2
ARIZONA (PICK FA 6-91)	6.7	6.3	6.5	VELOCITY (AA-983)	7.3	5.0	6.2
ATF-022	7.7	5.3	6.5	WILDFIRE (ATF-196)	5.7	6.7	6.2
ISI-TF10	7.7	5.3	6.5	ARID	6.3	5.7	6.0
JTTFA-96	7.0	6.0	6.5	BANDANA (PST-R5AE)	7.0	5.0	6.0
LEPRECHAUN	7.3	5.7	6.5	CU9502T	7.7	4.3	6.0
MILLENNIUM (TMI-RBR)	7.7	5.3	6.5	JSC-1	6.7	5.3	6.0
PICK FA 20-92	8.0	5.0	6.5	MARKSMAN	8.0	4.0	6.0
PLANTATION (PENNINGTON-1901)	8.0	5.0	6.5	MB 215	6.7	5.3	6.0
PSII-TF-10	7.3	5.7	6.5	OFI-96-32	7.3	4.7	6.0
PST-5TO	7.3	5.7	6.5	OFI-FWY	7.3	4.7	6.0
R5AU	8.3	4.7	6.5	PICK FA N-93	6.0	6.0	6.0

TABLE 51. BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT FAYETTEVILLE, AR
 1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE			
NAME	JULY	SEPTEMBER	MEAN
TWILIGHT II (TMI-TW)	7.0	5.0	6.0
WOLFPACK (PST-R5TK)	8.0	4.0	6.0
ALAMO E	5.0	6.7	5.8
AXIOM (ATF-192)	6.0	5.7	5.8
BRANDY (J-101)	5.7	6.0	5.8
DYNASTY (PICK RT-95)	7.0	4.7	5.8
MB 214	6.3	5.3	5.8
REBEL 2000 (AA-989)	8.7	3.0	5.8
RENEGADE	7.3	4.3	5.8
ANTHEM II (TMI-FMN)	6.7	4.7	5.7
BULLDAWG (PICK GA-96)	6.3	5.0	5.7
OFI-951	6.0	5.3	5.7
PICK FA 15-92	5.3	6.0	5.7
SAFARI	7.7	3.7	5.7
SR 8500 (SRX 8500)	6.0	5.3	5.7
WX3-275	6.7	4.7	5.7
DP 7952	5.3	5.7	5.5
FINELAWN PETITE	6.3	4.7	5.5
MB 26	5.7	5.3	5.5
SUNPRO	6.3	4.7	5.5
ARABIA (J-5)	5.3	5.3	5.3
MB 216	6.3	4.3	5.3
PICK FA UT-93	4.7	6.0	5.3
ZANZIBAR (ZPS-5LZ)	5.7	5.0	5.3
BARRINGTON (BAR FA6D USA)	6.0	4.3	5.2
DUSTER	7.0	3.3	5.2
PIXIE E+	6.7	3.7	5.2
BAR FA 6D	5.3	4.7	5.0
BONSAI	5.3	4.7	5.0
OFI-931	5.3	4.7	5.0
SRX 8084	5.7	4.3	5.0
CORONADO	5.7	4.0	4.8
FALCON II	6.0	3.7	4.8
GOOD-EN (KOOS 96-14)	6.3	3.3	4.8
REGIMENT	6.3	3.3	4.8
TOMAHAWK-E	6.0	3.7	4.8
BARLEXAS II (BAR FA 6LV)	5.0	3.3	4.2
TF 66 (BAR FA6 US6F)	5.7	2.7	4.2
GAZELLE	5.3	2.7	4.0
LSD VALUE	2.0	5.8	2.9
C.V. (%)	14.9	31.5	17.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH RATED IN 1998.

TABLE 52. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT LEXINGTON, KY 2/
1997-2000 DATA

NAME	JULY 1 1998	AUGUST 14 1998	AUGUST 25 1998	JULY 99	MEAN
PICK FA UT-93	13.0	27.3	36.0	17.7	21.6
MB 26	11.7	14.0	26.3	21.3	19.3
TWILIGHT II (TMI-TW)	10.3	7.7	18.3	26.3	19.2
PICK FA 15-92	5.7	12.7	23.0	23.7	18.7
PICK FA N-93	14.0	19.3	28.0	16.3	18.4
BULLDAWG (PICK GA-96)	15.7	7.7	17.0	22.3	17.9
CORONADO	11.3	16.7	16.3	20.3	17.6
ZANZIBAR (ZPS-5LZ)	10.0	17.0	22.3	17.0	16.7
OFI-951	11.0	13.7	17.3	18.7	16.3
TOMAHAWK-E	13.7	11.7	19.7	16.7	15.8
ARID II (J-3)	14.3	19.0	20.7	13.0	15.5
BAR FA 6D	8.7	17.3	27.3	12.3	15.1
OFI-931	10.0	9.0	13.3	19.0	14.9
EQUINOX (TMI-N91)	14.3	14.0	21.7	13.0	14.8
TITAN 2	11.0	4.3	8.3	21.7	14.8
BARLEXAS II (BAR FA 6LV)	9.0	11.0	18.0	16.7	14.7
OFI-FWY	11.7	8.7	21.0	15.7	14.7
BONSAI	14.7	10.3	23.3	13.0	14.6
BONSAI 2000 (BULLET)	8.0	1.3	5.0	24.3	14.6
COYOTE	6.0	17.7	17.7	15.0	14.4
DP 50-9011	9.7	13.7	24.0	13.0	14.4
MB 214	4.7	15.7	17.0	16.3	14.4
AV-1	9.0	11.7	33.7	10.0	14.1
MB 213	7.3	10.7	19.7	15.3	13.9
ARABIA (J-5)	10.7	9.0	19.0	14.7	13.8
SR 8500 (SRX 8500)	3.0	15.0	16.7	16.0	13.8
TULSA	14.0	9.7	23.0	12.0	13.8
MB 28	13.7	11.3	21.0	12.0	13.7
EA 41	13.7	13.0	15.0	13.3	13.6
ALAMO E	10.3	8.7	16.7	14.7	13.3
OFI-96-31	8.3	13.7	28.0	9.7	13.2
PICK FA 20-92	1.7	9.3	17.7	16.7	13.1
ARID 3 (J-98)	5.0	11.0	12.0	16.7	13.0
KITTY HAWK S.S.T. (SS45DW)	10.3	6.0	12.7	16.3	13.0
GAZELLE	10.0	15.0	19.7	11.0	12.9
TF 66 (BAR FA6 US6F)	11.7	14.7	18.0	11.0	12.9
SHORTSTOP II	6.3	19.0	30.7	6.7	12.7
SUNPRO	10.0	13.3	22.0	10.0	12.6
DUSTER	9.3	16.3	22.3	9.0	12.5
ARIZONA (PICK FA 6-91)	10.7	14.7	27.0	7.3	12.4
TRACER (BAR FA6 US1)	10.7	17.0	38.0	2.7	12.3
MB 215	9.0	13.0	21.3	10.0	12.2
PICK FA XK-95	9.3	10.3	14.7	13.0	12.2
PRO 8430	6.7	10.0	13.7	14.0	12.1
SR 8210	12.3	13.7	17.7	9.7	12.1
DYNASTY (PICK RT-95)	7.0	8.0	19.0	12.0	11.7
BARRINGTON (BAR FA6D USA)	9.7	12.3	25.7	7.3	11.6

TABLE 52. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D)
AT LEXINGTON, KY
1997-2000 DATA

NAME	JULY 1 1998	AUGUST 14 1998	AUGUST 25 1998	JULY 99	MEAN
BRANDY (J-101)	11.7	9.3	9.0	13.0	11.5
SOUTHERN CHOICE	7.0	11.0	10.0	13.7	11.5
SRX 8084	8.3	11.0	15.7	11.3	11.5
HELIX (WVPB-1D)	8.7	7.7	16.3	12.0	11.4
FINELAWN PETITE	4.7	7.7	12.7	14.3	11.3
WYATT (ATF-188)	6.0	7.3	10.3	14.7	11.3
AZTEC II (TMI-AZ)	11.0	7.7	16.7	10.7	11.2
LEPRECHAUN	6.3	9.7	21.0	10.0	11.2
WPEZE (WVPB-1C)	4.7	6.3	8.7	15.7	11.1
COCHISE II	11.0	15.3	26.3	4.3	10.9
MB 216	6.3	9.3	15.7	11.3	10.9
SCORPIO (ZPS-2PTF)	5.7	9.7	15.0	11.7	10.9
WATCHDOG (PICK FA B-93)	8.3	5.3	7.0	14.7	10.8
VELOCITY (AA-983)	6.3	14.3	23.0	6.7	10.6
DURANA (MB 211)	4.3	5.3	8.3	15.0	10.5
REBEL SENTRY (AA-A91)	3.3	13.0	15.3	10.0	10.3
MILLENNIUM (TMI-RBR)	5.7	4.3	9.3	14.0	10.2
REGIMENT	10.0	9.0	15.0	9.0	10.2
FALCON II	2.7	12.3	13.0	10.7	10.0
GOOD-EN (KOOS 96-14)	4.3	20.7	21.0	4.7	10.0
CU9501T	1.3	8.0	8.3	14.0	9.9
ATF-020	6.7	9.7	13.3	9.7	9.8
BAR FA6 US2U	8.0	14.7	15.7	6.3	9.6
GENESIS	8.3	3.0	13.3	11.0	9.6
PEDESTAL (PC-AO)	5.0	1.7	6.0	15.0	9.6
OFI-96-32	5.7	13.3	16.0	7.3	9.5
PSII-TF-9	10.3	8.0	8.3	10.0	9.4
COMSTOCK (SSDE31)	4.3	10.7	13.0	9.3	9.3
TAR HEEL	4.0	3.7	2.3	15.3	9.3
BARRERA (BAR FA6 US3)	5.0	10.7	11.3	9.3	9.2
FALCON III (MB 212)	11.7	3.0	5.3	11.7	9.2
JTIFA-96	5.3	4.3	11.0	11.0	8.9
SHENANDOAH	8.7	3.0	5.0	12.3	8.9
DLF-1	3.3	9.0	19.3	7.0	8.8
ANTIEM II (TMI-FMN)	14.3	6.3	4.7	8.3	8.4
SAFARI	4.0	3.0	8.3	11.7	8.4
BANDANA (PST-R5AE)	2.0	7.7	14.0	8.7	8.3
MARKSMAN	5.0	8.0	17.7	6.3	8.3
MUSTANG II	5.3	3.3	12.0	9.7	8.3
PSII-TF-10	5.3	4.0	8.7	10.7	8.3
REMBRANDT (LTP-4026 E+)	9.0	4.0	6.3	10.0	8.2
SHENANDOAH II (WRS2)	7.7	6.3	10.0	8.3	8.2
WILDFIRE (ATF-196)	5.7	9.3	16.0	5.7	8.0
APACHE II	5.0	7.0	10.7	8.0	7.8
PST-5TO	5.0	1.7	6.0	11.3	7.8
RED COAT (ATF-038)	1.7	3.0	6.3	12.0	7.8
BRAVO (RG-93)	5.7	6.7	6.7	9.0	7.7

TABLE 52. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
 AT LEXINGTON, KY
 1997-2000 DATA

NAME	JULY 1 1998	AUGUST 14 1998	AUGUST 25 1998	JULY 99	MEAN
EMPRESS	6.7	6.0	5.7	9.3	7.7
ISI-TF10	5.0	4.0	9.0	9.3	7.7
RENEGADE	5.3	4.0	7.0	10.0	7.7
RESERVE (ATF-182)	6.0	1.7	3.3	11.7	7.7
CU9502T	2.7	3.0	11.0	9.7	7.6
ARID	2.3	2.7	3.3	11.7	7.2
GLEN EAGLE (EC-101)	6.7	6.0	8.0	7.3	7.1
WVPB-1B	3.7	8.7	7.0	7.3	6.9
CORONADO GOLD (PST-5RT)	8.3	6.3	6.7	6.3	6.7
MASTERPIECE (LTP-SD-TF)	7.0	3.0	4.0	8.7	6.7
CROSSFIRE II	2.3	6.7	13.3	5.3	6.4
AIRLIE (MB 210)	4.3	2.7	9.7	7.0	6.3
DP 7952	5.3	6.0	6.7	6.7	6.3
ISI-TF9	4.3	4.0	2.7	9.0	6.3
ATF-022	4.7	4.7	18.3	3.0	6.1
JSC-1	4.0	8.7	12.0	4.0	6.1
CHAPEL HILL (TA-7)	3.0	7.7	5.7	6.3	5.9
JTTFC-96	8.7	2.3	7.3	5.7	5.9
DOMINION (PST-5M5)	5.3	3.0	7.3	6.3	5.8
LION	5.3	4.0	3.3	7.0	5.6
PLANTATION (PENNINGTON-1901)	5.3	4.3	6.7	5.7	5.6
MB 29	2.0	2.0	6.3	7.3	5.4
WX3-275	6.3	3.0	6.0	5.7	5.4
WOLFPACK (PST-R5TK)	4.3	1.7	3.7	7.3	5.3
PIXIE E+	1.0	3.7	6.7	6.3	5.1
REBEL 2000 (AA-989)	3.3	5.3	12.0	3.0	4.9
ISI-TF11	4.3	2.7	5.3	5.3	4.7
ATF-257	2.7	0.7	3.3	6.3	4.3
R5AU	4.3	3.3	11.3	2.0	4.2
AXIOM (ATF-192)	0.7	0.3	7.0	5.0	3.8
JAGUAR 3	5.3	2.3	6.0	3.0	3.8
ONCUE (PST-523)	2.7	1.7	1.7	5.7	3.8
ATF-253	4.7	4.3	12.3	0.3	3.7
OLYMPIC GOLD (PST-5E5)	4.0	1.3	4.0	2.7	2.9
KENTUCKY-31 W/ENDO.	9.0	0.7	1.0	0.0	1.8
LSD VALUE	10.5	9.3	16.4	15.1	7.8
C.V. (%)	64.4	62.0	63.1	60.9	58.4

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

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

TABLE 53. BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT STILLWATER, OK
1997-2000 DATA

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

NAME	MAY 98	JULY 98	JUNE 99	AUG. 99	JUNE 16 2000	JUNE 30 2000	MEAN
ISI-TF11	9.0	8.3	9.0	9.0	9.0	8.0	8.7
KENTUCKY-31 W/ENDO.	9.0	8.3	9.0	9.0	9.0	8.0	8.7
MB 28	8.7	8.7	9.0	9.0	9.0	8.0	8.7
MB 29	9.0	8.0	9.0	9.0	9.0	8.0	8.7
SAFARI	9.0	8.7	9.0	8.7	8.7	8.3	8.7
APACHE II	8.7	8.0	9.0	9.0	9.0	8.0	8.6
AXIOM (ATF-192)	8.7	8.0	9.0	8.7	9.0	8.0	8.6
CROSSFIRE II	8.7	8.7	9.0	8.7	8.7	8.0	8.6
PST-5TO	9.0	8.0	9.0	9.0	8.7	7.7	8.6
RENEGADE	9.0	8.0	9.0	9.0	9.0	7.3	8.6
SHENANDOAH	9.0	8.3	9.0	8.7	9.0	7.3	8.6
WOLFPACK (PST-R5TK)	9.0	8.0	9.0	8.7	9.0	7.7	8.6
AIRLIE (MB 210)	9.0	7.7	9.0	8.7	8.7	8.0	8.5
CORONADO GOLD (PST-5RT)	9.0	8.3	9.0	8.0	8.7	8.0	8.5
DOMINION (PST-5M5)	9.0	7.7	9.0	8.7	8.7	8.0	8.5
PSII-TF-9	8.7	8.0	9.0	8.7	9.0	7.7	8.5
TITAN 2	9.0	8.7	9.0	8.0	8.7	7.7	8.5
WPEZE (WVPB-1C)	9.0	7.7	9.0	8.7	8.7	8.0	8.5
ARID	9.0	7.3	9.0	9.0	9.0	7.3	8.4
ATF-020	8.7	7.7	9.0	9.0	8.7	7.7	8.4
ATF-253	9.0	7.7	9.0	8.3	8.7	8.0	8.4
BARRERA (BAR FA6 US3)	9.0	7.7	9.0	8.7	9.0	7.0	8.4
CU9502T	9.0	7.3	9.0	9.0	9.0	7.0	8.4
ISI-TF9	9.0	8.0	9.0	8.7	8.3	7.3	8.4
MARKSMAN	9.0	7.3	9.0	9.0	8.7	7.7	8.4
OFI-96-32	9.0	8.0	8.7	8.7	8.7	7.3	8.4
OLYMPIC GOLD (PST-5E5)	9.0	7.0	9.0	8.7	8.7	8.0	8.4
PIXIE E+	9.0	8.3	8.3	8.7	9.0	7.0	8.4
R5AU	9.0	8.3	9.0	8.3	8.3	7.7	8.4
RESERVE (ATF-182)	8.7	7.7	9.0	9.0	8.3	7.7	8.4
SOUTHERN CHOICE	9.0	8.0	9.0	8.7	8.7	7.3	8.4
ATF-022	8.7	8.0	9.0	8.3	8.7	7.3	8.3
ATF-257	9.0	6.3	9.0	9.0	8.7	8.0	8.3
BAR FA 6D	9.0	7.3	9.0	8.7	8.7	7.0	8.3
COYOTE	9.0	7.3	8.7	8.3	8.7	7.7	8.3
CU9501T	8.7	8.3	8.7	8.7	8.0	7.7	8.3
DURANA (MB 211)	8.7	7.7	8.3	8.7	8.7	7.7	8.3
GENESIS	9.0	7.3	9.0	8.3	8.7	7.7	8.3
HELIX (WVPB-1D)	8.7	7.3	9.0	8.7	8.7	7.3	8.3
ISI-TF10	9.0	7.7	8.3	8.7	8.7	7.7	8.3
JSC-1	9.0	6.7	9.0	8.7	8.7	7.7	8.3
JTTFA-96	9.0	7.7	9.0	8.3	8.7	7.3	8.3
LEPRECHAUN	9.0	7.0	9.0	8.7	8.7	7.3	8.3
LION	9.0	7.0	9.0	9.0	8.7	7.0	8.3
PEDESTAL (PC-AO)	8.7	8.0	9.0	9.0	8.0	7.3	8.3

TABLE 53. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT STILLWATER, OK
1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	MAY 98	JULY 98	JUNE 99	AUG. 99	JUNE 16 2000	JUNE 30 2000	MEAN
REBEL SENTRY (AA-A91)	9.0	7.7	9.0	8.7	8.7	7.0	8.3
RED COAT (ATF-038)	8.7	7.3	9.0	8.7	8.7	7.7	8.3
REMBRANDT (LTP-4026 E+)	9.0	8.3	9.0	8.0	8.3	7.0	8.3
TAR HEEL	8.7	7.3	9.0	8.7	8.7	7.3	8.3
ARABIA (J-5)	9.0	7.0	8.3	9.0	9.0	7.0	8.2
CHAPEL HILL (TA-7)	9.0	7.7	9.0	8.3	8.7	6.7	8.2
FALCON II	9.0	7.3	9.0	8.3	8.3	7.0	8.2
FALCON III (MB 212)	9.0	7.3	9.0	7.7	8.7	7.3	8.2
MB 213	9.0	7.0	9.0	8.7	8.3	7.0	8.2
REBEL 2000 (AA-989)	9.0	6.3	9.0	9.0	8.3	7.3	8.2
SHENANDOAH II (WRS2)	9.0	7.3	8.7	8.3	8.3	7.7	8.2
SR 8210	9.0	6.7	9.0	8.3	8.7	7.7	8.2
SRX 8084	9.0	7.7	9.0	7.7	8.3	7.3	8.2
TF 66 (BAR FA6 US6F)	9.0	6.3	9.0	8.7	8.3	7.7	8.2
TOMAHAWK-E	8.7	7.7	9.0	8.7	8.3	7.0	8.2
VELOCITY (AA-983)	9.0	7.0	9.0	7.7	8.7	8.0	8.2
ARIZONA (PICK FA 6-91)	8.7	7.0	9.0	8.3	8.3	7.3	8.1
AV-1	9.0	7.3	8.3	9.0	8.3	6.3	8.1
AZTEC II (TMI-AZ)	9.0	6.7	8.7	8.7	8.3	7.3	8.1
BANDANA (PST-R5AE)	8.7	7.3	9.0	8.0	8.7	7.0	8.1
BAR FA6 US2U	8.7	6.3	9.0	8.3	8.7	7.3	8.1
BARLEXAS II (BAR FA 6LV)	8.3	5.7	9.0	8.7	9.0	7.7	8.1
BONSAI 2000 (BULLET)	9.0	7.3	8.3	9.0	8.7	6.0	8.1
BRANDY (J-101)	8.3	6.3	8.7	9.0	8.7	7.7	8.1
BRAVO (RG-93)	9.0	6.7	9.0	8.3	8.0	7.3	8.1
DUSTER	9.0	7.3	8.7	8.0	8.0	7.3	8.1
DYNASTY (PICK RT-95)	9.0	7.3	9.0	7.7	8.7	6.7	8.1
EMPRESS	9.0	6.3	9.0	8.3	9.0	7.0	8.1
EQUINOX (TMI-N91)	8.7	7.7	8.7	8.7	8.0	6.7	8.1
JAGUAR 3	9.0	6.7	8.7	8.0	8.7	7.3	8.1
KITTY HAWK S.S.T. (SS45DW)	8.0	6.7	9.0	8.3	9.0	7.7	8.1
MASTERPIECE (LTP-SD-TF)	8.7	6.7	9.0	8.3	8.3	7.7	8.1
MB 215	9.0	7.0	8.7	8.3	8.3	7.3	8.1
MUSTANG II	9.0	7.0	9.0	7.7	8.3	7.3	8.1
OFI-931	9.0	5.3	9.0	8.7	8.7	8.0	8.1
OFI-96-31	9.0	7.0	8.7	8.3	8.7	6.7	8.1
OFI-FWY	9.0	7.3	9.0	8.3	8.7	6.3	8.1
ONCUE (PST-523)	9.0	6.7	9.0	8.0	8.7	7.0	8.1
PICK FA N-93	9.0	8.3	8.7	7.7	8.0	7.0	8.1
PLANTATION (PENNINGTON-1901)	9.0	7.3	9.0	8.0	8.0	7.0	8.1
PRO 8430	9.0	7.7	9.0	8.0	8.3	6.7	8.1
REGIMENT	9.0	6.3	9.0	8.0	8.7	7.3	8.1
TRACER (BAR FA6 US1)	9.0	6.7	9.0	8.7	7.7	7.3	8.1
ZANZIBAR (ZPS-5LZ)	9.0	7.0	9.0	8.7	8.0	7.0	8.1
COMSTOCK (SSDE31)	9.0	7.0	9.0	8.3	8.0	6.7	8.0

TABLE 53. (CONT'D) BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT STILLWATER, OK
1997-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	MAY 98	JULY 98	JUNE 99	AUG. 99	JUNE 16 2000	JUNE 30 2000	MEAN
DP 7952	9.0	5.7	9.0	8.7	8.3	7.3	8.0
GLEN EAGLE (EC-101)	9.0	6.3	9.0	8.0	8.0	7.7	8.0
GOOD-EN (KOOS 96-14)	9.0	7.0	9.0	8.3	7.7	7.0	8.0
MB 214	8.7	6.7	9.0	8.3	8.0	7.3	8.0
MB 26	8.7	7.3	8.7	8.3	7.3	7.7	8.0
MILLENNIUM (TMI-RBR)	9.0	7.3	8.3	7.3	8.3	7.7	8.0
ARID 3 (J-98)	9.0	6.3	9.0	9.0	8.3	6.0	7.9
DLF-1	9.0	7.7	9.0	8.0	8.0	5.7	7.9
DP 50-9011	9.0	6.3	9.0	8.3	8.0	7.0	7.9
EA 41	8.3	7.3	8.3	9.0	8.0	6.7	7.9
FINELAWN PETITE	9.0	6.7	9.0	8.7	8.0	6.3	7.9
MB 216	8.7	7.7	9.0	7.3	8.0	7.0	7.9
PSII-TF-10	9.0	7.0	8.7	8.3	7.7	7.0	7.9
SR 8500 (SRX 8500)	9.0	7.0	8.7	8.3	8.0	6.3	7.9
SUNPRO	9.0	6.0	9.0	8.3	8.0	7.0	7.9
WATCHDOG (PICK FA B-93)	9.0	7.3	9.0	7.3	7.7	7.3	7.9
WILDFIRE (ATF-196)	8.3	7.0	8.7	8.7	8.0	6.7	7.9
WX3-275	9.0	7.0	8.7	7.7	8.3	7.0	7.9
ANTHEM II (TMI-FMN)	9.0	7.7	8.3	8.7	6.7	6.3	7.8
BARRINGTON (BAR FA6D USA)	9.0	7.0	8.7	7.7	8.0	6.3	7.8
BULLDAWG (PICK GA-96)	9.0	7.0	8.7	7.3	8.0	6.7	7.8
COCHISE II	9.0	7.0	9.0	8.0	8.0	5.7	7.8
JTTFC-96	9.0	7.0	9.0	7.3	8.7	6.0	7.8
OFI-951	9.0	7.0	9.0	8.3	7.7	6.0	7.8
TULSA	9.0	6.0	9.0	8.0	8.0	6.7	7.8
TWILIGHT II (TMI-TW)	9.0	8.0	7.7	8.7	7.3	6.3	7.8
WVPB-1B	9.0	8.3	8.3	8.0	7.3	5.7	7.8
PICK FA 15-92	7.7	5.7	9.0	8.3	8.7	7.0	7.7
PICK FA 20-92	8.7	7.3	8.7	8.0	7.3	6.3	7.7
SCORPIO (ZPS-2PTF)	9.0	7.3	8.7	7.3	7.3	6.3	7.7
SHORTSTOP II	9.0	6.3	9.0	8.0	8.0	5.7	7.7
ARID II (J-3)	9.0	6.0	9.0	8.0	8.0	5.7	7.6
WYAT (ATF-188)	8.7	6.3	8.7	8.3	7.0	6.3	7.6
PICK FA UT-93	8.3	5.3	9.0	8.0	8.3	6.0	7.5
PICK FA XK-95	9.0	6.0	8.7	8.0	7.0	6.3	7.5
ALAMO E	8.0	7.7	8.7	7.3	7.0	6.0	7.4
CORONADO	9.0	7.0	8.7	7.0	6.7	5.7	7.3
GAZELLE	9.0	6.0	8.0	7.0	7.7	6.0	7.3
BONSAI	9.0	5.3	7.0	7.7	7.0	6.3	7.1
LSD VALUE	1.2	2.6	1.4	3.0	2.4	2.2	1.0
C.V. (%)	4.2	14.5	5.1	9.8	9.6	12.6	9.2

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

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

TABLE 54.

POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
AT ITHACA, NY
1997-2000 DATA

POA ANNUA RATINGS 1-9; 9=NO POA ANNUA 2/ 3/

NAME	MAY	OCTOBER	MEAN	NAME	MAY	OCTOBER	MEAN
ARIZONA (PICK FA 6-91)	4.7	3.3	4.0	ARID	3.3	2.3	2.8
DP 7952	4.7	3.0	3.8	ARID II (J-3)	4.0	1.7	2.8
KENTUCKY-31 W/ENDO.	4.0	3.7	3.8	ATF-022	3.0	2.7	2.8
PICK FA 15-92	4.3	3.3	3.8	BONSAI 2000 (BULLET)	3.3	2.3	2.8
PICK FA N-93	5.0	2.7	3.8	DUSTER	3.3	2.3	2.8
TRACER (BAR FA6 US1)	4.3	3.3	3.8	GLEN EAGLE (EC-101)	3.0	2.7	2.8
WILDFIRE (ATF-196)	4.3	3.3	3.8	MB 213	3.0	2.7	2.8
BARRINGTON (BAR FA6D USA)	4.7	2.7	3.7	OFI-96-32	3.0	2.7	2.8
BONSAI	4.3	3.0	3.7	OFI-FWY	3.0	2.7	2.8
DURANA (MB 211)	5.0	2.3	3.7	PICK FA 20-92	3.0	2.7	2.8
OFI-951	4.7	2.7	3.7	RESERVE (ATF-182)	3.3	2.3	2.8
PST-5TO	4.7	2.7	3.7	ARID 3 (J-98)	4.0	1.3	2.7
ARABIA (J-5)	4.3	2.7	3.5	ATF-253	3.0	2.3	2.7
COMSTOCK (SSDE31)	4.7	2.3	3.5	ATF-257	2.7	2.7	2.7
DOMINION (PST-5M5)	4.7	2.3	3.5	BAR FA6 US2U	3.0	2.3	2.7
PICK FA UT-93	4.3	2.7	3.5	CHAPEL HILL (TA-7)	3.0	2.3	2.7
SRX 8084	4.3	2.7	3.5	DP 50-9011	3.0	2.3	2.7
TOMAHAWK-E	4.0	3.0	3.5	EMPRESS	3.3	2.0	2.7
TULSA	4.3	2.7	3.5	MB 215	3.0	2.3	2.7
AV-1	3.3	3.3	3.3	QNCUE (PST-523)	3.3	2.0	2.7
AXIOM (ATF-192)	3.7	3.0	3.3	RED COAT (ATF-038)	2.7	2.7	2.7
DLF-1	4.0	2.7	3.3	AZTEC II (TMI-AZ)	2.7	2.3	2.5
EA 41	4.0	2.7	3.3	BAR FA 6D	3.3	1.7	2.5
JSC-1	3.3	3.3	3.3	BARLEXAS II (BAR FA 6IV)	3.0	2.0	2.5
JTTFC-96	4.0	2.7	3.3	BARRERA (BAR FA6 US3)	2.7	2.3	2.5
PRO 8430	4.0	2.7	3.3	BRANDY (J-101)	3.0	2.0	2.5
VELOCITY (AA-983)	4.3	2.3	3.3	FALCON III (MB 212)	3.0	2.0	2.5
ZANZIBAR (ZPS-5LZ)	4.3	2.3	3.3	FINELAWN PETITE	3.0	2.0	2.5
ANTHEM II (TMI-FMN)	4.3	2.0	3.2	ISI-TF10	2.7	2.3	2.5
BANDANA (PST-R5AE)	4.3	2.0	3.2	MASTERPIECE (LTP-SD-TF)	3.0	2.0	2.5
COCHISE II	4.3	2.0	3.2	OLYMPIC GOLD (PST-5E5)	3.0	2.0	2.5
COYOTE	5.0	1.3	3.2	PICK FA XK-95	3.0	2.0	2.5
OFI-931	3.3	3.0	3.2	PIXIE E+	3.3	1.7	2.5
PEDESTAL (PC-AO)	3.3	3.0	3.2	WX3-275	3.3	1.7	2.5
TAR HEEL	4.0	2.3	3.2	AIRLIE (MB 210)	3.3	1.3	2.3
TF 66 (BAR FA6 US6F)	4.0	2.3	3.2	ALAMO E	3.0	1.7	2.3
TWILIGHT II (TMI-TW)	3.7	2.7	3.2	BULLDAWG (PICK GA-96)	2.7	2.0	2.3
WYATT (ATF-188)	3.3	3.0	3.2	DYNASTY (PICK RT-95)	2.7	2.0	2.3
APACHE II	4.0	2.0	3.0	GAZELLE	3.0	1.7	2.3
ATF-020	4.0	2.0	3.0	ISI-TF9	2.7	2.0	2.3
CORONADO	4.0	2.0	3.0	JTTFA-96	2.0	2.7	2.3
CORONADO GOLD (PST-5RT)	4.3	1.7	3.0	LION	3.3	1.3	2.3
KITTY HAWK S.S.T. (SS45DW)	3.3	2.7	3.0	MUSTANG II	2.0	2.7	2.3
MB 214	3.0	3.0	3.0	OFI-96-31	2.0	2.7	2.3
PSII-TF-9	3.7	2.3	3.0	PSII-TF-10	2.7	2.0	2.3

TABLE 54. POA ANNUA RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT ITHACA, NY
1997-2000 DATA

POA ANNUA RATINGS 1-9; 9=NO POA ANNUA			
NAME	MAY	OCTOBER	MEAN
SHORTSTOP II	2.3	2.3	2.3
SR 8500 (SRX 8500)	3.0	1.7	2.3
WATCHDOG (PICK FA B-93)	3.0	1.7	2.3
WOLFPACK (PST-R5TK)	3.0	1.7	2.3
WVPB-1B	2.7	2.0	2.3
ISI-TF11	2.3	2.0	2.2
MARKSMAN	2.7	1.7	2.2
MB 216	2.3	2.0	2.2
MB 29	2.7	1.7	2.2
PLANTATION (PENNINGTON-1901)	2.7	1.7	2.2
R5AU	2.0	2.3	2.2
REGIMENT	2.3	2.0	2.2
SCORPIO (ZPS-2PTF)	2.7	1.7	2.2
SHENANDOAH II (WRS2)	2.3	2.0	2.2
SR 8210	2.7	1.7	2.2
SUNPRO	2.7	1.7	2.2
CROSSFIRE II	2.7	1.3	2.0
CU9501T	2.7	1.3	2.0
GENESIS	2.7	1.3	2.0
GOOD-EN (KOOS 96-14)	2.7	1.3	2.0
JAGUAR 3	2.3	1.7	2.0
MB 26	2.0	2.0	2.0
REBEL 2000 (AA-989)	2.7	1.3	2.0
REMBRANDT (LIP-4026 E+)	2.3	1.7	2.0
SAFARI	2.3	1.7	2.0
SHENANDOAH	2.3	1.7	2.0
SOUTHERN CHOICE	2.3	1.7	2.0
BRAVO (RG-93)	1.7	2.0	1.8
CU9502T	2.3	1.3	1.8
REBEL SENTRY (AA-A91)	2.0	1.7	1.8
RENEGADE	1.7	2.0	1.8
EQUINOX (TMI-N91)	2.0	1.3	1.7
LEPRECHAUN	2.0	1.3	1.7
MB 28	2.0	1.3	1.7
MILLENNIUM (TMI-RBR)	2.0	1.3	1.7
TITAN 2	1.3	2.0	1.7
WPEZE (WVPB-1C)	1.7	1.7	1.7
FALCON II	1.3	1.7	1.5
HELIX (WVPB-1D)	1.7	1.3	1.5
LSD VALUE	3.1	2.0	1.9
C.V. (%)	38.6	35.8	30.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ POA ANNUA RATED IN 1997.

TABLE 55.

WEED RATINGS OF TALL FESCUE CULTIVARS
AT RIVERSIDE, CA 1/
1997-2000 DATA

WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	JANUARY	JUNE	SEPTEMBER	MEAN	NAME	JANUARY	JUNE	SEPTEMBER	MEAN
GENESIS	9.0	9.0	9.0	9.0	PSII-TF-10	9.0	9.0	7.3	8.4
ISI-TF10	9.0	9.0	9.0	9.0	SAFARI	9.0	8.7	7.7	8.4
ARID II (J-3)	9.0	9.0	8.7	8.9	SCORPIO (ZPS-2PTF)	9.0	8.7	7.7	8.4
BARLEXAS II (BAR FA 6LV)	9.0	9.0	8.7	8.9	TAR HEEL	9.0	8.7	7.7	8.4
BONSAI 2000 (BULLET)	9.0	9.0	8.7	8.9	WILDFIRE (ATF-196)	9.0	8.7	7.7	8.4
ISI-TF11	9.0	9.0	8.7	8.9	ZANZIBAR (ZPS-5LZ)	9.0	8.7	7.7	8.4
JAGUAR 3	9.0	9.0	8.7	8.9	ANTHEM II (TMI-FMN)	9.0	8.3	7.7	8.3
KENTUCKY-31 W/ENDO.	9.0	9.0	8.7	8.9	ARID	9.0	8.3	7.7	8.3
BANDANA (PST-R5AE)	9.0	9.0	8.3	8.8	ARIZONA (PICK FA 6-91)	9.0	8.7	7.3	8.3
DYNASTY (PICK RT-95)	9.0	8.7	8.7	8.8	BARRINGTON (BAR FA6D USA)	9.0	9.0	7.0	8.3
KITTY HAWK S.S.T. (SS45DW)	9.0	9.0	8.3	8.8	COCHISE II	9.0	8.7	7.3	8.3
OLYMPIC GOLD (PST-5E5)	9.0	9.0	8.3	8.8	COMSTOCK (SSDE31)	9.0	8.7	7.3	8.3
PSII-TF-9	9.0	9.0	8.3	8.8	DP 7952	9.0	8.0	8.0	8.3
TITAN 2	9.0	9.0	8.3	8.8	EMPRESS	9.0	9.0	7.0	8.3
TWILIGHT II (TMI-TW)	9.0	9.0	8.3	8.8	HELIX (WVPB-1D)	9.0	9.0	7.0	8.3
ARID 3 (J-98)	9.0	9.0	8.0	8.7	MB 215	8.7	8.3	8.0	8.3
AZTEC II (TMI-AZ)	9.0	9.0	8.0	8.7	MB 29	9.0	9.0	7.0	8.3
DP 50-9011	8.3	9.0	8.7	8.7	MUSTANG II	9.0	8.3	7.7	8.3
DUSTER	9.0	8.7	8.3	8.7	OPI-FWY	9.0	8.7	7.3	8.3
FALCON II	9.0	8.7	8.3	8.7	PICK FA XK-95	9.0	8.3	7.7	8.3
PIXIE E+	9.0	9.0	8.0	8.7	PLANTATION (PENNINGTON-1901)	9.0	9.0	7.0	8.3
PST-5TO	9.0	9.0	8.0	8.7	RENEGADE	9.0	8.7	7.3	8.3
REMBRANDT (LTP-4026 E+)	9.0	9.0	8.0	8.7	RESERVE (ATF-182)	9.0	8.7	7.3	8.3
SHENANDOAH	9.0	9.0	8.0	8.7	SR 8210	9.0	8.7	7.3	8.3
ARABIA (J-5)	9.0	9.0	7.7	8.6	TF 66 (BAR FA6 US6F)	9.0	8.3	7.7	8.3
ATF-253	9.0	8.3	8.3	8.6	AXIOM (ATF-192)	9.0	8.7	7.0	8.2
BRANDY (J-101)	9.0	9.0	7.7	8.6	COYOTE	9.0	8.3	7.3	8.2
BRAVO (RG-93)	9.0	8.3	8.3	8.6	CROSSFIRE II	9.0	8.7	7.0	8.2
CORONADO GOLD (PST-5RT)	9.0	9.0	7.7	8.6	EA 41	9.0	8.3	7.3	8.2
DURANA (MB 211)	9.0	9.0	7.7	8.6	EQUINOX (TMI-N91)	9.0	8.7	7.0	8.2
LEPRECHAUN	9.0	9.0	7.7	8.6	LION	8.7	8.7	7.3	8.2
MB 216	9.0	9.0	7.7	8.6	MARKSMAN	9.0	8.5	7.3	8.2
OPI-931	9.0	9.0	7.7	8.6	MILLENNIUM (TMI-RER)	9.0	8.7	7.0	8.2
OPI-951	9.0	8.7	8.0	8.6	SR 8500 (SRX 8500)	9.0	8.3	7.3	8.2
PRO 8430	9.0	8.7	8.0	8.6	SRX 8084	9.0	9.0	6.7	8.2
RED COAT (ATF-038)	9.0	8.7	8.0	8.6	WOLFPACK (PST-R5TK)	9.0	8.3	7.3	8.2
REGIMENT	9.0	9.0	7.7	8.6	WX3-275	9.0	9.0	6.7	8.2
SOUTHERN CHOICE	9.0	8.7	8.0	8.6	APACHE II	9.0	9.0	6.3	8.1
ATF-020	9.0	9.0	7.3	8.4	AV-1	9.0	9.0	6.3	8.1
ATF-022	9.0	8.7	7.7	8.4	BAR FA6 US2U	9.0	9.0	6.3	8.1
ATF-257	9.0	8.7	7.7	8.4	BULLDAWG (PICK GA-96)	9.0	8.0	7.3	8.1
CORONADO	9.0	9.0	7.3	8.4	CU9502T	9.0	9.0	6.3	8.1
CU9501T	9.0	9.0	7.3	8.4	DLF-1	9.0	8.7	6.7	8.1
DOMINION (PST-5M5)	9.0	8.0	8.3	8.4	GAZELLE	9.0	9.0	6.3	8.1
JSC-1	9.0	8.3	8.0	8.4	JTTFC-96	8.7	8.7	7.0	8.1

TABLE 55. WEED RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT RIVERSIDE, CA
1997-2000 DATA

WEED RATINGS 1-9; 9=NO WEEDS

NAME	JANUARY	JUNE	SEPTEMBER	MEAN
OFI-96-31	9.0	8.7	6.7	8.1
ONCUE (PST-523)	9.0	9.0	6.3	8.1
SUNPRO	9.0	8.7	6.7	8.1
TULSA	8.7	8.0	7.7	8.1
WATCHDOG (PICK FA B-93)	9.0	8.7	6.7	8.1
WYATT (ATF-188)	9.0	8.7	6.7	8.1
AIRLIE (MB 210)	9.0	8.7	6.3	8.0
ISI-TF9	9.0	8.3	6.7	8.0
MB 213	9.0	8.7	6.3	8.0
MB 28	9.0	9.0	6.0	8.0
PICK FA UT-93	9.0	8.3	6.7	8.0
REBEL SENTRY (AA-A91)	9.0	8.7	6.3	8.0
SHENANDOAH II (WRS2)	9.0	8.7	6.3	8.0
TOMAHAWK-E	9.0	8.7	6.3	8.0
VELOCITY (AA-983)	9.0	8.7	6.3	8.0
ALAMO E	9.0	8.3	6.3	7.9
CHAPEL HILL (TA-7)	9.0	8.0	6.7	7.9
FALCON III (MB 212)	9.0	8.7	6.0	7.9
MB 26	9.0	8.7	6.0	7.9
PICK FA 15-92	9.0	8.7	6.0	7.9
PICK FA 20-92	9.0	8.7	6.0	7.9
PICK FA N-93	9.0	8.0	6.7	7.9
R5AU	9.0	8.3	6.3	7.9
SHORTSTOP II	9.0	8.7	6.0	7.9
TRACER (BAR FA6 US1)	9.0	8.7	6.0	7.9
BONSAI	9.0	8.7	5.7	7.8
FINELAWN PETITE	9.0	8.3	6.0	7.8
MASTERPIECE (LTP-SD-TF)	8.3	8.0	7.0	7.8
WVPB-1B	9.0	9.0	5.3	7.8
MB 214	8.7	8.7	5.7	7.7
BAR FA 6D	9.0	8.0	5.7	7.6
BARRERA (BAR FA6 US3)	8.3	8.3	6.0	7.6
REBEL 2000 (AA-989)	9.0	8.0	5.3	7.4
PEDESTAL (PC-AO)	7.7	7.3	7.0	7.3
GLEN EAGLE (EC-101)	7.7	7.3	6.7	7.2
JTIFA-96	9.0	7.3	5.3	7.2
OFI-96-32	6.7	6.7	4.3	5.9
GOOD-EN (KOOS 96-14)	6.0	6.0	5.0	5.7
WPEZE (WVPB-1C)	6.3	5.3	5.0	5.6
LSD VALUE	0.4	1.3	4.9	1.3
C.V. (%)	3.0	7.6	20.8	8.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ WEEDS RATED IN 2000.