

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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1996 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 1997

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Santa Clara	CA1
Delaware	Newark	DE1
Georgia	Griffin	GA1
Illinois	Carbondale	IL2
Illinois	Urbana	IL1
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maine	Orono	ME1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Mississippi	Mississippi St.	MS1
Missouri	Columbia	MO1
Missouri	St. Louis	MO3
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

1996 NATIONAL TALL FESCUE TEST

Entries and Sponsors

Entry #	Name	Sponsor	Entry #	Name	Sponsor
1	ATF-192	Advanta Seeds West, Inc.	66	Marksman	E. F. Burlingham & Sons
2	ATF-196	Advanta Seeds West, Inc.	67	Renegade	E. F. Burlingham & Sons
3	ATF-022	Advanta Seeds West, Inc.	68	Southern Choice	E. F. Burlingham & Sons
4	ATF-038	Advanta Seeds West, Inc.	69	Falcon II	Standard Entry
5	Reserve (ATF-182)	Advanta Seeds West, Inc.	70	BAR FA6 US6F	Barenbrug USA
6	ATF-020	Advanta Seeds West, Inc.	71	Duster	Pennington Seed Company
7	ATF-253	Advanta Seeds West, Inc.	72	Cochise II	Ampac Seed Company
8	ATF-257	Advanta Seeds West, Inc.	73	WRS2	Willamette Seed Company
9	Tulsa	Advanta Seeds West, Inc.	74	WX3-275	Willamette Seed Company
10	Regiment	Advanta Seeds West, Inc.	75	Crossfire II	Pickseed West, Inc.
11	Rebel Sentry (AA-A91)	Lofts Seed, Inc.	76	Pick GA-96	Pickseed West, Inc.
12	Rebel 2000 (AA-989)	Lofts Seed, Inc.	77	Pick FA N-93	Pickseed West, Inc.
13	AA-983	Lofts Seed, Inc.	78	JTTFA-96	Japan Turfgrass II
14	CU9501T	Clemson University	79	JTTFC-96	Japan Turfgrass II
15	CU9502T	Clemson University	80	ISI-TF10	International Seeds, Inc.
16	Arid	Standard Entry	81	ISI-TF9	International Seeds, Inc.
17	Arid 3 (J-98)	Jacklin Seed	82	ISI-TF11	International Seeds, Inc.
18	Arid 2 (J-3)	Jacklin Seed	83	Kentucky-31 w/endo.	Standard Entry
19	DP 50-9011	DLF/ Trifolium	84	ZPS-5LZ	Zajac Performance Seeds, Inc.
20	DP 7952	DLF/ Trifolium	85	PST-5TO	Pure-Seed Testing, Inc.
21	Arabia (J-5)	Jacklin Seed	86	PST-5E5	Pure-Seed Testing, Inc.
22	Pixie E+	Jacklin Seed	87	Wolfpack (PST-R5TK)	Pure-Seed Testing, Inc.
23	Alamo E	Medalist America	88	Bandana (PST-R5AE)	Pennington Seed, Inc.
24	J-101	Jacklin Seed	89	Gazelle	Zajac Performance Seeds, Inc.
25	Shortstop II	Pickseed West, Inc.	90	Safari	Turf-Seed, Inc.
26	Pick FA 15-92	Pickseed West, Inc.	91	Coyote	Zajac Performance Seeds, Inc.
27	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	Olsen-Fennell Seed Co.
37	BAR FA 6D	Barenbrug Holland	102	OFI-951	Olsen-Fennell Seed Co.
38	BAR FA 6LV	Barenbrug Holland	103	OFI-931	Olsen-Fennell Seed Co.
39	Pick FA UT-93	Pickseed West, Inc.	104	Finelawn Petite	Finelawn Research, Inc.
40	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	ATF-188	The Scotts Company	107	SRX 8500	Seed Research of Oregon, Inc.
43	TA-7	J. R. Koos & Sons	108	SRX 8084	Seed Research of Oregon, Inc.
44	WVPB-1B	Willamette Valley Plant Breeders	109	SR 8210	Seed Research of Oregon, Inc.
45	DLF-1	DLF/Trifolium	110	PRO 8430	Seed Research of Oregon, Inc.
46	OFI-96-31	Olsen-Fennell Seed, Inc.	111	Pick FA 20-92	Pickseed West, Inc.
47	OFI-96-32	Olsen-Fennell Seed, Inc.	112	Pick FA XK-95	Pickseed West, Inc.
48	EC-101	Emerald Commodities	113	Empress	Zajac Performance Seeds, 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	PC-AO	Pratum Co-op	116	PST-5M5	Pure-Seed Testing, Inc.
52	Bravo (RG-93)	LESCO, Inc.	117	Coronado Gold (PST-5RT)	Pure-Seed Testing, Inc.
53	WVPB-1D	Willamette Valley Plant Breeders	118	Jaguar 3	Standard Entry
54	WEPEZ (WVPB-1C)	Western Productions Inc./Willamette Valley Plant Breeders	119	Pick RT-95	Pickseed West, Inc.
55	Good-EN (Koos 96-14)	Western Productions Inc.	120	ZPS-2PTF	Zajac Performance Seeds, Inc.
56	MB 26	E. F. Burlingham & Sons	121	Sunpro	Pickseed West, Inc.
57	MB 28	E. F. Burlingham & Sons	122	Bonsai	Standard Entry
58	MB 29	E. F. Burlingham & Sons	123	PST-523	Pure-Seed Testing, Inc.
59	MB 210	E. F. Burlingham & Sons	124	BAR Fa6 US1	Barenbrug Research
60	MB 211	E. F. Burlingham & Sons	125	BAR Fa6 US2U	Barenbrug Research
61	MB 212	E. F. Burlingham & Sons	126	BAR Fa6 US3	Barenbrug Research
62	MB 213	E. F. Burlingham & Sons	127	BAR Fa6D USA	Barenbrug Research
63	MB 214	E. F. Burlingham & Sons	128	Shenandoah	Standard Entry
64	MB 215	E. F. Burlingham & Sons	129	Genesis	ProSeeds Marketing
65	MB 216	E. F. Burlingham & Sons			

TABLE A.

1997 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1996 NATIONAL TALL FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA1	LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
DE1	-	-	-	-	-	-	-	-
GA1	-	-	-	-	-	-	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
MD1	LOAMY SAND	6.1-6.5	271-450	0-150	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	1.1-2.0	FULL SUN	4.1+	NO IRRIGATION
MO1	SILTY CLAY LOAM	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MO3	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MS1	SILTY CLAY LOAM	6.1-6.5	0-60	151-240	3.1-4.0	DENSE SHADE	2.6-3.0	NO IRRIGATION
NE1	SILTY CLAY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NE2	SILTY CLAY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	271-450	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	271-450	376-500	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
OH1	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.6-7.0	61-150	376-500	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
RI1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
SC2	SILTY CLAY AND CLAY	7.1-7.5	451+	376-500	3.1-4.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	5.1-6.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
VA4	-	-	-	-	2.1-3.0	-	2.1-2.5	TO PREVENT DORMANCY
VA9	SANDY LOAM	5.6-6.0	0-60	0-150	1.1-2.0	FULL SUN	4.1+	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X	X	X		X		X
CA1		X	X	X	X	X	X	X	X	X	X	X	X		X
DE1					X	X	X	X	X	X			X		X
GA1			X	X	X	X	X			X	X	X	X		X
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	X
IL2					X	X	X	X	X	X	X		X		X
IN1				X	X	X	X	X	X	X	X		X	X	X
KS2			X	X	X	X	X	X	X	X			X		X
KY1			X	X	X	X	X	X	X	X			X	X	X
MD1						X	X	X	X	X			X		
ME1									X	X			X		
MI1					X	X	X	X	X	X	X		X	X	X
MO1					X	X	X	X	X	X			X		X
MO3				X	X	X	X	X	X	X	X		X	X	X
MS1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NE1				X	X	X	X	X	X	X			X		X
NE2				X	X	X	X	X	X	X			X		X
NJ1				X	X	X	X	X		X			X	X	X
NJ2				X	X	X	X	X	X	X	X		X	X	X
NY1							X	X	X				X		
OH1					X	X		X		X			X	X	X
OK1				X	X	X	X	X	X	X	X	X	X		X
RI1						X	X	X	X	X	X		X		
SC2				X	X				X	X	X		X		X
UT1					X	X	X	X	X	X			X		
VA1			X	X	X	X	X	X	X	X	X	X	X	X	X
VA4				X	X	X	X	X	X	X	X		X	X	
VA9					X	X	X	X	X	X	X				
WA1							X	X	X	X					

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	LEAF SPOT	BROWN PATCH	PYTHIUM BLIGHT
AR1	X		X	X	X						X	
CA1	X							X				
DE1									X			
GA1				X		X					X	
IA1	X											
IL1	X			X								
IL2	X											
IN1	X						X				X	
KS2	X			X								X
KY1	X											
MD1	X											
ME1	X					X				X		
MI1	X											
MO1					X							
MO3	X	X	X	X	X	X	X					
MS1	X										X	
NE1		X	X	X							X	
NE2		X	X	X								
NJ1	X											
NJ2	X											
NY1	X											
OH1	X											
OK1			X	X	X	X	X				X	
RI1	X											
SC2				X	X	X	X					
UT1	X											
VA1	X										X	
VA4											X	
VA9	X	X	X	X								
WA1	X											

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	VERTICAL GROWTH	ESTABLISHMENT DENSITY	FALL COLOR RETENTION	PERCENT ESTABLISHMENT RATING	PERCENT ESTABLISHMENT 3 WEEKS	PERCENT ESTABLISHMENT 10 WEEKS	POA ANNUA MAY	POA ANNUA OCTOBER
AR1								
CA1								
DE1								
GA1					X	X		
IA1								
IL1								
IL2								
IN1								
KS2	X							
KY1								
MD1								
ME1								
MI1								
MO1								
MO3								
MS1								
NE1								
NE2								
NJ1	X	X						
NJ2								
NY1			X				X	X
OH1								
OK1								
RI1								
SC2					X			
UT1								
VA1								
VA4								
VA9								
WA1								

TABLE 1.

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

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

NAME	AR1	CA1	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
* PLANTATION (PENNINGTON-1901)	7.1	7.5	2.8	6.9	4.7	6.1	5.2	6.1	6.5	8.4	4.8	7.0	5.3	5.2	6.5	6.8	5.9	5.8	7.6	7.6	6.4	6.1	5.7	6.3	4.3	4.8	6.3	6.1
* MILLENNIUM (TMI-RBR)	6.6	7.5	3.0	6.3	4.7	6.0	6.8	6.5	6.7	8.0	4.5	7.8	4.6	5.0	6.8	6.0	6.9	5.9	8.0	8.0	6.4	5.9	5.7	5.6	3.9	4.6	5.8	6.1
* REMBRANDT (LTP-4026 E+)	7.0	7.2	2.8	7.0	4.0	6.1	6.6	6.4	6.4	8.5	4.7	7.2	5.5	5.3	6.8	6.5	5.4	5.6	6.1	7.9	6.4	6.0	6.3	6.0	4.3	4.7	6.1	6.0
* ARID 3 (J-98)	6.5	7.2	2.7	5.9	3.9	5.6	6.1	5.9	6.2	8.1	4.7	7.0	4.9	4.4	6.7	6.7	6.3	5.4	7.7	7.5	6.1	6.6	5.7	6.2	4.0	4.7	5.9	5.9
* REBEL SENTRY (AA-A91)	5.9	7.5	2.5	6.2	4.8	6.4	6.1	5.8	6.4	8.0	5.1	6.7	5.2	4.9	6.4	6.6	5.5	5.7	6.0	7.9	6.2	6.3	5.5	5.6	3.7	4.4	6.1	5.8
* SOUTHERN CHOICE	6.5	7.5	2.7	6.3	4.8	6.3	6.5	6.2	6.8	7.6	5.1	6.7	5.2	5.2	5.8	6.1	5.0	4.9	7.2	7.5	6.0	5.2	5.3	6.2	4.3	4.2	5.8	5.8
ZPS-2PTF	6.8	7.2	2.7	6.3	4.1	6.0	6.4	6.0	6.3	8.2	4.5	7.2	4.7	5.0	6.5	5.8	5.4	5.4	6.4	7.9	6.3	4.5	5.2	6.5	3.7	4.6	6.8	5.8
MB 29	6.6	7.1	2.4	6.1	4.4	6.0	4.8	5.9	6.5	8.3	4.5	6.8	5.1	4.9	6.8	6.5	5.8	5.6	6.7	7.8	6.1	5.2	5.8	5.6	3.8	4.4	6.8	5.8
* RENEGADE	6.2	7.4	2.6	6.3	5.3	6.1	6.4	5.8	6.5	7.4	5.3	6.7	5.2	5.1	5.8	5.9	5.1	4.9	7.6	7.4	6.5	5.3	5.3	5.7	4.5	4.2	5.8	5.8
J-101	6.1	7.3	2.8	5.9	4.3	5.7	5.2	5.7	6.0	8.2	4.2	7.3	5.2	5.2	6.5	6.0	5.9	5.3	7.2	7.6	6.0	7.2	5.7	5.7	3.7	4.5	6.3	5.8
* CROSSFIRE II	6.6	7.3	2.8	6.8	4.8	5.6	5.1	6.1	6.1	7.6	4.5	7.7	4.5	5.2	6.3	6.2	5.7	4.7	7.6	7.4	6.2	5.4	5.2	5.7	4.0	4.4	6.1	5.8
MB 26	6.7	7.3	2.8	5.5	3.7	5.8	5.4	5.7	5.8	8.3	4.5	7.5	4.7	4.6	6.6	6.7	6.3	5.3	7.3	8.1	6.1	5.0	5.8	5.8	3.7	4.5	6.2	5.8
OFI-96-31	5.9	7.1	2.6	6.1	4.4	6.1	5.4	6.1	6.5	7.8	4.3	7.0	5.0	4.6	6.2	6.3	5.8	5.3	7.3	7.5	6.3	5.7	5.3	6.3	4.1	4.6	6.1	5.8
* GENESIS	6.3	7.0	2.5	6.2	4.6	6.2	5.7	6.2	6.5	8.1	4.7	7.0	5.1	4.8	5.9	5.4	5.4	4.8	7.6	7.4	6.1	6.0	5.4	6.2	4.4	4.3	5.8	5.8
WRS2	6.5	7.5	3.2	6.5	4.3	6.0	5.7	5.7	6.4	7.8	4.5	7.0	4.8	5.0	6.3	6.0	5.2	5.3	7.4	7.8	6.1	5.1	5.2	5.4	3.9	4.7	5.9	5.8
MB 214	6.4	7.1	3.3	6.0	4.2	6.1	4.7	5.7	6.4	8.4	4.3	6.7	4.9	4.5	6.7	6.1	5.7	5.2	7.6	8.4	5.9	4.9	5.5	5.7	4.0	4.3	6.6	5.7
* MUSTANG II	6.2	7.2	3.2	6.6	4.5	5.9	6.4	6.1	6.4	7.3	4.5	7.0	6.0	5.1	5.6	6.1	4.4	4.3	7.0	7.3	6.3	5.7	5.9	5.7	4.0	4.9	5.6	5.7
CU9501T	5.6	7.5	2.8	6.0	4.9	5.8	5.2	5.9	6.6	7.3	5.3	6.5	5.0	4.7	6.3	6.6	5.4	5.2	6.1	7.8	6.2	6.0	6.2	5.9	3.7	4.5	6.1	5.7
PICK FA B-93	6.7	6.9	3.0	6.6	4.4	5.7	5.0	6.3	5.9	8.1	4.3	7.7	4.6	4.7	6.3	6.2	5.3	5.4	5.6	7.9	6.4	5.8	5.5	6.4	3.6	4.8	6.2	5.7
MB 28	5.8	7.1	3.2	6.1	4.6	5.2	5.6	6.0	6.5	7.8	4.1	6.7	5.2	5.2	6.6	6.2	6.1	4.9	7.7	7.6	6.1	5.3	5.3	5.9	3.7	4.3	6.2	5.7
* MASTERPIECE (LTP-SD-TF)	6.4	7.3	2.6	7.0	4.1	5.9	5.0	6.3	6.8	8.2	4.7	6.8	4.7	5.1	6.4	6.0	5.2	5.0	6.4	7.5	6.3	5.5	5.3	5.7	3.8	4.5	6.3	5.7
BAR FA6 US3	6.4	7.1	3.3	6.4	3.7	5.5	4.5	6.0	6.1	8.0	4.1	6.7	4.2	4.8	6.7	6.1	5.7	5.8	7.3	7.5	6.2	5.5	5.3	6.4	3.8	4.6	6.8	5.7
* SHENANDOAH	7.0	7.3	3.3	5.7	5.5	6.0	6.2	6.0	6.5	7.1	5.3	6.2	6.0	4.8	5.6	5.8	4.3	4.2	7.4	7.2	6.2	5.1	5.5	6.2	4.4	4.2	5.6	5.7
OFI-931	6.4	7.0	2.6	6.2	4.3	6.1	5.3	5.8	6.8	7.8	4.8	7.0	5.0	4.6	6.4	6.0	5.3	4.8	6.8	7.1	6.2	5.9	5.4	6.1	3.7	4.5	6.3	5.7
MB 212	6.3	7.4	2.9	6.5	4.3	6.1	6.6	5.8	6.4	8.2	4.1	7.0	5.1	5.0	6.1	5.7	5.3	5.1	4.8	7.6	6.0	5.7	5.4	5.8	4.2	4.6	6.1	5.7
PICK RT-95	7.0	7.1	2.9	7.0	3.6	5.6	6.6	6.0	5.8	8.3	3.9	6.7	5.0	4.9	6.5	6.0	5.2	5.4	6.1	7.6	6.1	5.1	5.1	5.9	3.9	4.8	6.1	5.7
CU9502T	6.0	7.8	2.6	5.9	4.1	6.2	5.5	6.2	6.3	7.4	5.0	6.5	4.3	5.1	5.7	6.3	5.3	4.5	7.1	7.8	6.4	5.9	5.5	5.7	4.0	4.6	6.3	5.7
* GAZELLE	6.2	7.0	2.8	6.5	4.3	5.9	5.2	6.0	5.9	8.2	4.4	6.8	4.3	5.0	7.2	6.4	5.8	6.0	4.9	7.9	6.0	5.5	5.2	6.4	3.6	4.3	6.1	5.7
* PIXIE E+	5.7	7.4	2.9	5.9	4.9	5.9	6.0	5.8	6.1	7.5	4.9	6.7	5.0	5.3	6.1	6.0	4.4	4.7	6.7	7.7	6.1	5.7	6.2	5.8	4.0	4.4	5.8	5.7
BAR FA 6D	6.0	7.3	2.5	5.8	3.7	5.6	5.4	6.1	6.8	8.0	4.5	7.3	4.0	5.0	6.3	6.2	5.7	5.2	6.7	8.2	6.0	5.8	5.5	5.8	3.9	4.0	6.0	5.7
BAR FA 6LV	6.8	7.5	3.2	6.4	4.1	5.3	5.1	5.5	6.3	8.1	4.5	7.3	4.1	4.7	6.2	6.3	5.4	5.3	6.2	7.8	6.3	6.2	5.3	5.7	3.7	4.4	5.8	5.7
* REGIMENT	6.5	7.5	3.1	5.6	4.8	6.1	6.5	5.8	6.3	7.1	4.7	6.5	5.4	5.2	5.5	5.6	5.2	4.7	6.4	7.3	6.5	5.2	5.6	5.9	4.0	4.3	5.8	5.7
* APACHE II	6.3	7.4	3.1	6.1	3.9	6.2	4.5	5.8	6.3	8.0	4.3	7.5	4.8	5.0	6.1	6.3	5.4	5.4	6.4	7.5	5.9	5.4	5.3	6.1	3.8	4.6	5.7	5.7
* EMPRESS	6.5	7.2	2.8	6.6	4.1	6.3	3.9	5.8	6.9	7.6	5.1	7.2	4.8	4.7	7.0	6.4	5.1	5.1	5.1	7.5	5.9	5.7	5.1	6.3	3.7	4.3	6.2	5.7
TA-7	5.8	7.1	2.4	6.2	4.3	5.7	5.3	6.0	6.4	8.1	4.0	7.0	4.8	4.8	6.0	6.1	5.5	5.8	6.7	7.6	6.2	6.1	5.3	5.9	3.8	4.3	5.8	5.7
MB 213	5.9	7.2	3.2	5.9	4.2	5.8	5.1	5.7	6.4	7.9	3.9	6.0	5.3	4.8	6.6	6.1	6.2	5.5	6.9	7.7	5.9	4.8	5.4	6.4	3.4	4.2	6.1	5.7
* BONSAI 2000 (BULIET)	5.6	7.6	3.6	5.7	4.3	6.0	6.0	6.0	6.3	7.3	4.5	6.7	5.3	5.0	5.8	5.5	5.2	5.1	6.3	7.6	6.1	5.0	5.5	6.3	4.2	4.5	5.7	5.6
MB 216	6.3	7.2	2.9	6.3	4.6	6.1	4.1	5.5	6.3	8.2	4.1	7.2	4.7	4.7	6.8	6.2	5.6	5.0	6.1	8.1	5.6	5.2	5.8	5.6	3.7	4.5	6.1	5.6
* COYOTE	6.0	7.0	2.8	6.1	4.2	5.7	4.9	5.7	6.1	8.5	4.7	7.0	4.6	4.4	6.5	6.0	5.6	5.8	5.3	7.9	6.0	5.6	5.1	6.2	4.0	4.4	6.3	5.6
MB 211	6.3	7.0	2.7	6.6	3.7	5.8	5.8	5.8	6.0	8.0	3.9	7.0	4.9	5.1	6.3	6.0	5.3	4.9	6.0	7.6	6.2	5.9	5.4	5.9	3.8	4.3	6.2	5.6
* CORONADO	6.5	7.4	2.9	6.6	4.4	6.0	4.5	5.8	6.3	8.0	3.8	7.5	4.3	5.3	6.5	6.0	5.9	5.4	5.2	7.7	6.0	5.0	5.3	6.1	3.7	4.4	5.8	5.6
* REBEL 2000 (AA-989)	7.0	7.1	2.8	6.1	4.2	5.5	4.4	5.7	6.3	8.0	4.1	7.0	4.0	4.1	6.6	5.8	5.6	5.0	7.1	7.3	5.8	6.4	6.0	5.4	3.9	4.5	6.6	5.6
* SR 8210	6.0	7.2	3.3	5.8	4.5	6.3	5.0	6.1	6.0	7.7	4.2	6.7	4.5	4.7	6.1	5.7	5.4	4.8	6.4	8.1	6.3	5.3	5.1	6.6	3.6	4.4	6.3	5.6
MB 210	5.5	7.4	2.6	6.1	4.3	5.9	5.3	5.7	6.8	7.7	4.7	6.8	4.9	5.2	5.8	5.8	5.4	5.0	6.8	7.9	6.1	4.9	5.5	5.9	3.7	4.5	5.7	5.6

TABLE 1. (CONT'D)

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ARI	CA1	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
ATF-038	6.7	7.3	2.8	6.0	4.3	5.3	6.0	5.6	6.2	7.5	4.1	6.3	5.0	4.2	6.2	6.5	5.3	4.5	7.2	7.5	6.2	5.7	5.5	5.4	4.0	4.5	5.9	5.6
PST-523	6.5	7.4	3.1	6.3	4.8	6.1	4.6	5.9	6.5	7.4	4.7	5.7	5.4	4.8	5.7	5.8	5.4	4.9	6.2	7.4	6.3	5.8	5.2	5.9	4.0	4.4	5.8	5.6
ATF-196	6.1	6.9	2.9	6.0	4.1	4.8	6.2	5.7	5.8	7.4	4.5	7.2	4.7	5.2	6.0	6.0	5.3	5.0	6.9	7.3	6.1	5.8	5.5	6.0	3.8	4.5	6.2	5.6
* DUSTER	6.0	7.0	2.6	5.8	4.7	5.8	5.8	5.9	6.4	7.5	4.7	6.8	4.4	4.7	6.3	6.3	4.8	4.5	6.6	7.6	6.0	6.3	5.1	6.2	3.7	4.5	5.7	5.6
* JAGUAR 3	6.2	7.4	2.9	6.9	4.2	5.4	6.0	6.0	6.4	8.0	4.3	6.2	4.2	4.7	5.9	6.5	4.8	4.3	7.1	7.8	6.3	5.2	5.1	5.5	3.8	4.5	6.0	5.6
* ARID 2 (J-3)	5.1	7.2	3.8	5.3	2.9	5.3	5.9	5.4	6.1	7.8	4.1	6.8	4.5	4.4	6.2	6.1	6.0	5.0	7.2	7.8	6.0	6.4	5.5	6.2	3.8	4.5	6.1	5.6
* SAFARI	6.3	7.1	2.7	5.9	5.1	6.5	5.9	5.8	6.3	7.1	4.9	6.5	6.0	5.3	5.4	5.5	4.1	4.3	7.0	7.5	6.5	5.0	5.2	5.8	4.1	4.4	5.4	5.6
* AZTEC II (TMI-AZ)	5.7	7.4	2.8	5.9	4.6	5.8	5.6	5.9	6.4	7.4	3.8	6.8	5.0	4.8	5.6	5.3	5.4	5.0	7.0	7.7	6.5	5.6	5.3	5.9	4.1	4.2	6.1	5.6
* TULSA	5.7	7.5	2.3	6.0	4.3	5.9	6.5	5.9	6.3	7.5	4.7	6.8	5.1	4.8	5.9	5.7	5.0	5.0	4.9	8.0	6.4	5.7	5.5	6.0	3.8	4.4	6.0	5.6
PST-5E5	6.3	6.9	2.9	6.8	4.0	5.8	4.5	6.0	6.8	7.8	4.5	6.5	4.3	4.8	6.5	5.3	5.3	5.0	7.1	7.6	6.1	5.3	5.1	6.0	3.5	4.4	6.0	5.6
* TAR HEEL	6.5	7.2	3.1	6.2	4.0	6.1	4.1	5.8	6.6	7.8	4.5	6.8	4.9	4.4	6.5	5.3	5.6	5.4	6.0	7.6	6.2	5.4	5.5	5.7	4.0	4.5	5.8	5.6
* FALCON II	6.0	7.1	2.6	6.2	4.5	6.4	5.0	5.8	6.7	7.2	5.3	6.7	5.0	5.0	6.6	6.3	4.7	4.4	6.3	7.3	6.2	5.2	5.3	5.8	4.4	4.4	5.7	5.6
OFI-96-32	6.0	7.4	3.1	6.0	4.3	6.2	6.0	5.8	6.7	7.4	4.1	6.8	4.9	5.1	5.8	5.8	4.8	4.6	6.2	7.6	6.3	5.4	5.3	5.8	3.9	4.4	5.4	5.6
* RESERVE (ATF-182)	6.5	6.9	2.3	6.3	3.5	6.1	6.2	5.8	6.4	7.4	4.4	6.8	5.1	4.2	5.8	5.1	4.5	4.4	7.3	7.7	6.4	5.5	5.5	5.8	4.0	4.9	5.8	5.6
MB 215	6.0	6.8	3.1	5.9	4.1	5.8	5.3	5.7	6.3	7.9	4.3	6.8	4.7	4.4	6.8	6.3	5.7	5.1	5.6	8.2	5.8	5.2	5.6	5.6	3.9	4.3	6.1	5.6
SRX 8500	6.4	7.1	2.5	5.8	4.2	5.2	4.6	5.7	6.3	7.9	4.2	7.2	4.5	4.6	6.0	6.0	5.5	5.4	6.3	7.3	5.8	5.8	5.1	6.0	4.1	4.5	5.9	5.6
ISI-TF11	6.0	7.1	2.4	6.4	4.9	6.2	5.3	5.5	6.6	7.5	4.9	6.3	4.8	5.1	6.1	5.6	4.8	4.4	6.4	7.8	6.3	5.1	5.1	5.9	4.1	4.1	5.5	5.6
BAR FA6 US2U	6.3	7.1	2.4	6.4	4.1	5.3	3.7	5.9	6.4	8.1	4.1	6.5	4.0	4.7	6.3	6.3	6.1	5.0	7.0	7.1	6.2	5.5	5.2	5.9	3.8	4.3	6.5	5.6
* ANTHEM II (TMI-FMN)	5.8	7.3	2.8	5.5	4.3	5.4	5.8	5.4	6.6	7.5	4.3	6.8	5.0	4.9	5.9	5.4	5.7	4.7	6.3	7.4	6.2	5.5	5.6	6.0	3.8	4.4	5.8	5.6
* BRAVO (RG-93)	6.0	7.2	2.7	6.4	4.4	5.9	4.6	6.0	6.4	7.6	4.3	7.0	4.6	4.7	5.8	4.7	5.0	4.9	7.7	7.7	5.8	5.0	5.2	5.6	4.0	4.1	5.8	5.6
PICK GA-96	6.4	7.2	2.7	6.7	3.6	5.8	4.1	6.0	6.0	7.7	4.7	6.8	4.2	4.5	5.8	6.3	5.3	4.8	7.6	7.3	6.0	5.2	5.1	6.0	3.7	4.3	6.0	5.5
* TITAN 2	5.8	7.0	3.1	5.9	5.6	6.6	5.9	5.6	6.6	6.9	5.2	6.2	5.8	4.7	5.2	5.6	4.2	3.8	7.3	7.3	5.9	5.0	5.5	5.4	4.1	4.0	5.4	5.5
PST-5M5	6.0	7.0	2.7	6.5	4.1	5.5	5.5	5.9	6.8	7.9	3.9	6.5	5.3	5.0	6.8	6.1	4.9	4.9	4.1	7.8	6.1	4.8	5.1	6.0	3.8	4.6	6.1	5.5
PICK FA 20-92	5.5	7.2	2.8	5.5	3.4	5.1	4.6	6.0	6.4	7.5	4.1	7.3	4.6	5.0	6.3	6.3	5.7	5.4	6.9	7.8	6.0	5.6	5.3	5.6	3.3	4.2	6.1	5.5
* WPEZE (WVPB-1C)	5.5	7.3	2.8	6.1	4.5	6.0	5.4	5.5	6.3	7.4	4.3	6.7	4.7	5.1	5.7	5.1	4.9	4.9	7.2	7.4	6.2	5.5	5.1	5.7	4.1	4.3	5.7	5.5
PICK FA 6-91	5.6	7.0	3.1	6.0	3.9	5.6	4.5	5.5	6.4	7.9	4.3	7.0	5.1	4.4	6.5	6.1	6.1	4.9	4.1	7.5	6.0	6.6	5.7	6.3	3.3	3.9	6.3	5.5
ZPS-5LZ	6.7	6.9	2.7	6.1	4.3	5.5	5.1	5.3	6.0	8.1	4.2	7.0	4.6	4.5	6.3	6.2	5.9	5.3	5.9	7.5	5.9	4.8	5.1	5.8	3.3	4.5	5.8	5.5
* LEPRECHAUN	5.9	7.3	3.1	6.4	4.3	6.0	4.8	5.8	6.4	7.1	5.1	7.2	4.4	4.6	6.0	5.6	4.6	4.2	7.2	7.5	5.9	4.3	5.6	5.7	4.1	4.3	6.2	5.5
BAR FA6D USA	5.0	7.0	2.6	6.1	3.8	5.4	4.6	5.9	6.6	8.3	4.3	6.8	5.3	4.6	6.5	5.9	5.9	5.2	5.1	7.5	6.1	5.2	5.5	5.7	3.9	4.3	6.0	5.5
* FINELAWN PETITE	5.5	7.1	2.6	6.3	4.6	5.5	5.4	5.8	6.6	7.5	4.3	7.0	4.8	5.2	5.9	5.2	5.1	4.5	6.2	7.9	6.2	5.8	5.1	5.3	3.8	4.2	5.7	5.5
BAR FA6 US1	6.3	6.9	3.1	5.9	3.7	5.0	3.5	5.9	6.5	8.5	3.8	6.5	4.0	4.7	6.3	6.3	5.6	5.4	7.2	7.8	5.9	4.8	5.2	6.2	3.6	4.0	6.5	5.5
* SHORTSTOP II	5.4	7.2	2.6	5.2	4.5	5.7	4.2	5.5	5.5	7.3	4.4	7.3	4.6	4.9	6.0	6.0	5.9	4.6	7.3	7.0	5.8	6.4	5.7	5.7	3.8	4.2	6.2	5.5
* ALAMO E	6.2	7.1	2.6	6.1	4.2	6.0	5.4	5.3	5.9	7.3	4.9	5.8	5.2	5.1	5.7	5.5	5.1	4.8	5.8	7.8	6.0	5.4	5.6	6.1	3.7	4.3	5.9	5.5
ISI-TF9	5.8	7.5	2.3	5.9	3.8	6.0	5.0	5.7	6.5	7.4	4.1	6.5	5.3	4.8	6.0	6.0	5.3	4.4	6.2	7.8	6.2	5.3	5.1	5.6	4.0	4.3	5.9	5.5
* SUNPRO	6.9	6.9	3.6	6.0	3.4	5.7	3.2	6.2	5.8	7.5	4.1	7.2	4.5	4.4	5.9	6.4	5.7	4.8	6.0	7.4	6.0	4.9	5.1	6.2	3.9	4.4	6.2	5.5
ISI-TF10	6.5	7.0	2.6	6.0	3.8	5.5	4.8	5.6	6.4	7.3	3.8	6.7	4.8	4.9	6.0	5.5	5.6	5.1	6.8	7.3	6.0	5.4	5.1	5.8	3.9	4.1	6.1	5.5
* GOOD-EN (KOOS 94-14)	6.0	7.4	2.9	5.8	4.1	5.6	4.6	5.3	6.2	7.2	4.1	6.8	5.0	4.8	6.0	6.1	5.2	4.9	6.8	7.8	5.7	4.9	5.7	5.7	4.0	4.0	5.7	5.5
* COCHISE II	6.1	7.0	3.2	6.0	3.7	5.7	5.1	5.5	6.1	7.1	4.7	7.2	5.4	4.6	5.8	5.5	4.7	4.1	7.4	7.6	5.8	5.2	5.1	5.6	3.7	4.3	5.9	5.5
PSII-TF-9	5.8	6.8	2.2	5.9	4.3	6.0	5.8	5.8	6.5	7.0	4.7	6.8	4.8	4.7	5.9	5.2	4.6	4.6	7.2	7.4	5.9	5.3	5.3	6.2	3.9	4.2	5.7	5.5
ATF-188	5.1	7.3	3.4	5.9	3.9	5.8	4.9	6.0	6.1	7.0	4.3	6.8	4.9	4.6	5.8	5.5	4.8	4.3	6.8	7.6	6.2	5.6	5.5	5.7	3.8	4.8	5.8	5.5
OFI-FWY	6.8	7.1	2.4	5.8	4.2	5.7	4.5	5.9	6.5	7.4	4.9	6.3	4.4	4.8	6.3	6.1	4.7	5.0	6.6	7.3	6.3	4.1	5.5	5.7	3.6	4.3	5.8	5.5
BAR FA6 US6F	6.7	7.5	3.1	6.3	4.4	5.9	4.3	5.6	6.1	7.7	4.5	6.7	4.1	4.6	6.5	5.1	5.4	5.1	3.9	7.8	6.1	5.9	5.2	5.8	3.7	4.3	5.8	5.5
PICK FA XK-95	6.8	7.1	2.9	6.0	3.5	5.5	3.8	5.3	6.3	7.4	3.7	6.5	4.4	4.9	6.0	5.6	6.0	5.3	6.4	7.8	6.0	5.5	5.2	5.8	4.0	4.3	5.8	5.5
PICK FA 15-92	5.5	7.1	3.1	5.7	3.4	5.6	5.2	5.8	6.0	7.2	3.5	7.3	4.6	4.2	6.3	6.0	5.6	4.3	6.2	7.5	6.0	6.7	5.7	6.2	3.3	4.1	5.8	5.5
* MARKSMAN	6.5	7.1	2.3	6.2	4.8	6.0	5.2	5.8	6.4	7.4	3.5	7.0	4.4	4.8	5.5	5.9	4.6	4.3	5.8	7.4	5.9	4.8	5.7	5.9	4.1	4.3	5.8	5.5
EC-101	5.5	7.0	2.7	5.9	4.3	5.8	5.3	6.0	6.3	7.5	4.1	6.3	5.4	4.6	5.5	6.0	4.8	4.6	5.6	7.7	6.1	5.7	5.3	5.7	3.9	4.3	5.7	5.5
* WOLFPACK (PST-R5TK)	6.0	7.1	2.4	6.9	4.3	6.1	4.6	5.9	6.4	7.3	4.1	6.0	4.8	5.3	5.9	5.8	4.7	5.0	5.0	7.5	6.4	5.1	5.3	5.7	4.0	4.3	5.4	5.4
WVPB-1B	5.9	7.0	3.0	5.9	3.8	5.6	6.1	6.1	6.5	7.4	4.3	6.2	4.4	5.3	5.5	5.5	5.0	4.8	5.8	7.5	6.1	5.2	5.3	5.5	4.0	4.0	5.4	5.4

TABLE 1. (CONT'D)

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AR1	CA1	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
R5AU	6.0	7.3	2.6	6.8	3.8	5.8	6.1	6.0	6.4	7.1	4.7	7.3	4.2	4.9	6.0	4.5	5.2	4.4	4.0	7.3	6.3	5.8	5.7	5.8	3.7	4.0	5.6	5.4
OFI-951	5.7	7.1	2.2	5.9	3.6	5.6	4.0	5.4	6.0	7.4	3.9	6.0	4.1	4.3	7.1	6.0	5.1	5.1	6.7	8.0	6.1	5.5	5.4	6.2	3.5	4.6	6.3	5.4
* BANDANA (PST-R5AE)	5.4	7.4	2.3	6.1	4.7	6.0	4.7	5.5	6.6	7.2	4.7	6.5	4.9	4.9	6.1	4.5	4.2	4.1	6.0	7.8	6.4	5.2	5.2	5.7	3.6	4.5	6.1	5.4
* ARABIA (J-5)	5.8	7.1	3.4	5.7	3.3	4.7	5.0	5.4	5.8	7.8	3.5	6.3	4.4	3.9	6.6	5.2	5.8	5.1	6.7	7.3	6.0	5.7	5.6	5.8	3.7	4.4	6.3	5.4
SRX 8084	5.6	7.2	3.6	6.1	4.2	6.2	4.9	5.5	6.0	7.4	4.2	7.0	5.1	4.9	5.7	5.8	4.3	4.2	5.2	7.6	5.9	4.6	5.3	5.8	3.8	4.2	5.8	5.4
WVPB-1D	6.3	7.4	2.4	6.0	4.8	5.9	4.9	5.5	6.0	7.3	4.1	6.0	5.0	4.8	5.3	5.8	5.1	4.2	6.3	7.5	6.1	4.6	5.1	5.9	4.0	4.3	5.5	5.4
PSII-TF-10	5.4	7.1	2.3	5.9	4.2	5.6	5.6	5.4	6.4	7.3	3.9	6.7	4.9	4.8	5.8	5.8	4.6	4.4	6.4	7.5	6.1	5.2	5.2	5.7	3.6	4.2	5.8	5.4
AA-983	5.8	6.5	3.1	6.2	3.2	5.1	4.1	5.5	6.3	8.0	3.9	6.8	4.0	4.1	6.3	6.6	4.6	4.4	5.8	7.6	5.9	6.4	5.5	5.8	3.8	4.3	6.2	5.4
* TWILIGHT II (TMI-TW)	5.6	7.2	2.6	6.0	4.2	5.2	4.6	5.1	6.3	7.1	4.1	6.0	4.4	4.9	6.3	5.0	5.5	5.0	6.3	7.0	6.1	5.9	5.4	5.7	3.9	4.2	6.1	5.4
EA 41	6.5	6.8	3.2	5.7	4.2	5.7	3.6	5.2	5.5	7.5	4.5	6.5	4.8	4.9	6.4	5.3	5.2	4.2	5.0	7.8	6.0	5.6	5.2	5.9	3.8	4.4	6.2	5.4
PC-AO	5.6	7.0	2.2	6.0	4.5	5.2	5.4	5.7	6.2	7.8	4.5	6.2	5.1	4.4	5.7	6.0	4.3	4.3	6.3	7.6	5.9	4.8	5.5	5.7	3.7	4.2	5.8	5.4
ATF-020	5.7	6.8	2.7	5.5	4.1	4.9	6.3	5.5	6.2	7.4	4.0	6.8	4.3	4.6	5.9	6.0	4.7	4.3	6.0	7.6	6.0	5.5	5.3	5.4	3.7	4.5	5.7	5.4
WX3-275	5.8	7.0	2.7	6.5	4.2	5.4	4.4	5.5	6.0	7.4	4.0	6.2	4.7	4.4	5.7	5.5	4.9	4.2	7.6	7.4	5.8	5.8	5.1	5.6	3.7	4.2	5.3	5.4
ATF-022	6.4	6.8	2.8	5.8	3.9	4.9	6.4	5.1	6.0	7.1	3.9	6.3	4.2	4.1	5.2	6.3	4.7	4.1	6.8	7.4	6.1	5.7	5.5	5.3	3.9	3.9	5.8	5.3
* TOMAHAWK-E	5.5	6.7	2.6	5.5	3.8	6.0	4.2	5.5	6.4	7.2	4.2	6.3	4.5	4.2	6.6	6.2	5.0	3.9	5.7	7.7	5.7	6.1	5.2	5.9	3.7	4.1	5.8	5.3
* CORONADO GOLD (PST-5RT)	6.0	7.0	2.9	6.8	4.1	5.8	3.7	5.6	6.5	7.9	3.7	6.0	5.1	4.6	5.6	5.2	5.0	4.5	5.1	7.3	6.1	5.1	5.1	5.3	3.5	4.6	5.8	5.3
PRO 8430	5.6	7.2	2.8	6.1	3.9	5.9	5.6	5.8	6.1	7.0	4.2	6.0	4.4	4.4	5.3	5.9	3.6	4.0	6.4	7.6	6.3	4.8	5.3	5.7	3.7	4.2	5.8	5.3
ATF-257	5.9	6.7	2.8	5.8	4.0	5.8	5.4	5.6	6.1	7.1	4.3	6.0	5.0	4.8	5.4	5.2	3.8	4.3	6.0	7.1	6.3	5.1	5.4	5.9	3.8	4.5	5.3	5.3
* COMSTOCK (SSDE31)	5.5	6.9	3.3	6.0	3.9	5.6	4.3	5.5	6.7	7.2	4.2	6.0	5.2	5.2	6.0	5.6	4.4	4.1	4.6	7.4	5.9	5.7	5.4	5.1	4.0	4.0	5.4	5.3
* KITTY HAWK S.S.T. (SS45DW)	5.5	6.9	2.4	5.8	4.2	5.6	5.0	5.6	6.5	7.0	4.3	6.0	5.2	4.6	5.5	5.0	4.3	4.2	6.6	7.3	5.6	5.4	5.4	5.7	3.6	4.1	5.7	5.3
* LION	5.5	7.0	3.1	5.3	4.0	5.6	4.9	5.3	6.2	6.9	4.3	6.3	4.1	4.8	5.8	5.7	4.6	4.4	4.8	8.0	6.1	6.1	5.2	5.4	3.5	4.4	5.8	5.3
ATF-253	5.6	6.9	3.0	6.0	4.2	5.3	5.8	5.3	6.4	6.9	4.1	6.3	4.4	4.7	5.8	5.2	4.7	4.5	4.2	7.5	6.1	5.3	5.4	5.3	3.9	4.3	5.7	5.3
* EQUINOX (TMI-N91)	5.4	7.3	2.3	6.0	3.8	5.8	4.2	5.4	6.2	6.9	4.5	6.7	4.4	5.0	5.5	4.7	4.3	4.2	5.6	7.6	5.8	5.7	5.6	5.8	3.9	4.1	5.8	5.3
PST-5TO	5.8	7.0	2.8	6.5	3.1	5.6	3.6	5.7	6.4	7.2	4.3	6.2	4.3	4.6	6.0	5.1	5.0	4.6	5.4	7.5	5.8	5.3	5.1	5.9	3.4	4.3	5.8	5.3
* BONSAI	5.4	6.7	3.3	5.0	4.0	5.7	5.2	5.7	6.0	7.0	3.9	5.8	5.0	4.6	5.3	5.9	4.1	3.8	6.2	7.3	5.7	4.9	5.1	5.9	3.8	4.2	5.8	5.2
DP 50-9011	5.5	6.9	2.8	5.0	3.6	5.3	4.8	6.0	6.3	6.7	4.1	6.2	4.5	4.7	5.5	5.0	4.3	3.5	7.0	7.8	6.0	5.2	5.5	5.7	3.7	4.0	5.5	5.2
PICK FA N-93	5.1	6.7	2.3	5.3	2.9	5.0	4.0	5.8	5.0	7.5	3.8	7.3	3.7	4.3	7.0	5.4	5.5	4.8	5.7	7.6	6.0	5.0	5.2	5.7	3.2	4.4	5.6	5.2
JSC-1	4.3	6.8	2.9	5.7	4.1	5.3	4.0	5.6	6.5	6.8	3.9	5.8	4.7	4.4	5.6	5.5	4.3	3.9	6.1	7.5	5.9	5.7	5.1	5.6	3.8	4.0	5.7	5.2
PICK FA UT-93	5.1	6.9	2.7	5.2	3.2	4.6	3.2	5.3	5.0	6.9	3.6	7.5	3.3	4.1	6.5	5.5	5.0	4.6	6.4	7.8	5.7	5.9	5.3	5.8	3.3	4.5	6.3	5.2
ATF-192	5.4	6.6	2.6	5.8	4.1	5.4	4.7	5.2	6.3	6.3	4.7	7.5	4.0	4.8	5.3	4.0	4.1	3.8	5.8	6.8	6.2	5.5	5.5	5.6	3.8	4.2	5.3	5.2
JTTFA-96	5.3	6.8	2.8	5.4	4.4	5.6	4.2	5.5	5.8	6.0	5.0	6.2	5.5	4.6	5.0	4.1	3.4	3.7	6.3	7.3	6.2	4.6	5.2	5.8	4.5	4.3	5.2	5.1
JTTFC-96	5.6	7.0	2.4	5.6	4.4	5.5	4.9	5.5	6.4	6.6	4.6	5.8	5.4	4.9	5.4	4.8	3.7	3.5	5.7	6.9	6.3	4.6	5.1	5.0	3.8	4.0	5.0	5.1
* ARID	5.3	6.4	2.7	5.7	5.4	5.9	5.6	5.5	6.0	5.6	5.1	5.5	6.0	4.7	5.0	4.9	3.3	2.8	5.7	7.0	6.1	4.4	5.3	5.3	4.1	4.0	5.2	5.1
DLF-1	4.9	6.5	2.4	5.6	4.9	5.4	4.7	5.4	6.3	6.3	4.3	5.5	5.3	4.7	5.1	5.3	3.3	3.2	4.1	7.3	5.8	5.4	6.1	5.5	3.9	4.2	5.3	5.1
DP 7952	5.0	6.7	2.2	4.8	4.6	5.3	4.9	5.1	6.0	5.7	4.7	5.7	4.3	4.4	4.7	4.7	2.7	2.9	7.0	7.1	5.8	4.1	5.6	4.8	4.1	4.3	5.3	4.9
AV-1	4.4	6.0	2.7	5.4	4.3	5.4	4.6	5.1	5.8	6.3	4.3	5.2	4.7	4.4	4.8	4.8	2.8	3.0	4.4	7.0	5.7	5.7	5.2	5.5	3.8	3.6	4.9	4.8
* KENTUCKY-31 W/ENDO.	3.7	4.6	2.1	4.8	5.2	5.2	4.2	4.3	5.0	4.8	4.6	3.7	5.4	3.9	3.9	3.0	2.0	1.3	5.7	6.2	5.2	4.1	5.1	3.8	4.0	3.5	3.8	4.2
LSD VALUE	1.0	0.5	0.9	0.5	1.2	0.7	1.9	0.5	0.6	0.5	0.8	1.0	0.9	0.7	0.7	0.8	0.9	0.7	2.2	0.6	0.6	0.5	0.9	0.8	1.0	0.4	0.6	0.2
C.V. (%)	10.2	4.3	19.9	5.3	18.1	7.2	23.0	5.6	5.9	4.1	12.0	9.7	12.0	9.4	6.7	9.0	11.0	8.9	21.9	4.9	5.7	5.9	10.4	8.1	22.5	5.9	6.8	10.9

* COMMERCIALY AVAILABLE IN THE USA IN 1998

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-SEVEN LOCATIONS IN THE U.S. 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/											MEAN
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PLANTATION (PENNINGTON-1901)	8.0	6.5	5.9	5.7	5.9	5.7	5.9	6.3	6.4	6.2	6.4	6.0
MILLENNIUM (TMI-RBR)	8.0	6.2	6.0	5.8	6.0	5.6	5.9	6.2	6.4	6.0	6.0	6.0
REMBRANDT (LTP-4026 E+)	7.0	6.4	5.8	5.7	6.1	5.9	5.9	6.3	6.4	6.4	6.3	6.0
ARID 3 (J-98)	5.7	5.6	5.7	5.6	6.0	5.7	5.7	6.1	6.0	6.0	5.8	5.8
SOUTHERN CHOICE	7.3	6.4	5.6	5.7	5.9	5.5	5.7	6.0	6.1	5.7	5.9	5.8
REBEL SENTRY (AA-A91)	7.7	6.2	5.8	5.6	6.1	5.5	5.7	6.0	6.0	5.8	5.7	5.8
RENEGADE	7.0	6.5	5.5	5.5	5.9	5.4	5.7	6.0	6.0	5.9	6.2	5.7
MB 29	6.0	6.1	5.8	5.5	5.9	5.5	5.6	6.0	6.0	5.8	5.4	5.7
ZPS-2PTF	6.3	5.9	5.4	5.4	5.8	5.4	5.7	6.1	6.3	5.9	5.9	5.7
GENESIS	7.0	6.5	5.7	5.4	5.7	5.4	5.6	6.0	6.1	5.9	5.8	5.7
CROSSFIRE II	5.7	5.9	5.2	5.3	5.9	5.5	5.5	6.1	6.1	6.2	6.4	5.7
J-101	6.0	6.1	5.7	5.4	5.8	5.4	5.6	5.9	6.0	6.0	5.9	5.7
MB 26	5.7	6.1	5.8	5.5	5.9	5.4	5.6	5.9	6.0	5.7	5.2	5.7
OFI-96-31	6.3	6.0	5.8	5.6	5.9	5.4	5.6	6.0	6.0	5.6	5.8	5.7
MB 214	7.0	6.0	5.6	5.5	5.9	5.2	5.7	6.0	6.0	5.7	5.8	5.7
WRS2	7.0	5.9	5.3	5.3	5.6	5.5	5.7	6.1	6.2	6.0	6.2	5.7
MUSTANG II	7.7	6.3	5.4	5.4	5.8	5.4	5.6	5.9	6.1	6.1	6.0	5.7
SHENANDOAH	8.0	6.6	5.5	5.4	5.8	5.4	5.6	6.0	6.0	5.8	5.9	5.7
CU9501T	7.7	6.3	5.7	5.4	5.8	5.3	5.6	5.9	6.1	5.8	5.9	5.7
PIXIE E+	7.7	6.3	5.6	5.4	5.7	5.3	5.6	5.9	6.1	5.9	5.9	5.7
MASTERPIECE (LTP-SD-TF)	6.7	6.0	5.5	5.3	5.8	5.3	5.6	6.0	6.2	6.0	6.3	5.7
MB 28	6.3	5.9	5.5	5.7	5.9	5.4	5.6	5.9	5.8	5.7	5.5	5.7
PICK FA B-93	5.0	5.5	5.7	5.2	5.8	5.3	5.6	5.9	6.2	6.0	5.8	5.7
BAR FA6 US3	6.3	5.5	5.3	5.4	5.8	5.5	5.7	6.1	6.0	5.7	6.0	5.7
MB 212	7.0	6.2	5.5	5.4	5.9	5.3	5.5	6.0	6.2	6.0	6.1	5.6
CU9502T	7.3	6.3	5.6	5.2	5.7	5.5	5.5	5.9	6.1	5.9	6.2	5.6
PICK RT-95	5.7	5.7	5.4	5.3	5.8	5.4	5.5	6.0	6.1	6.2	6.2	5.6
OFI-931	6.0	6.1	5.5	5.4	5.7	5.3	5.7	6.0	6.0	5.7	5.9	5.6
BAR FA 6LV	6.0	6.1	5.5	5.4	5.8	5.3	5.6	5.9	6.0	5.9	5.7	5.6
GAZELLE	5.7	5.7	5.8	5.3	5.9	5.0	5.5	6.0	6.3	6.0	5.9	5.6
BAR FA 6D	6.7	5.9	5.8	5.4	5.8	5.3	5.4	5.9	6.1	5.7	5.6	5.6
COYOTE	6.3	5.7	5.4	5.4	5.7	5.3	5.7	6.0	6.2	5.8	6.1	5.6
REGIMENT	7.0	6.3	5.5	5.5	5.7	5.3	5.4	5.9	6.0	5.8	5.9	5.6
APACHE II	7.0	6.1	5.7	5.4	5.7	5.2	5.5	5.9	6.0	5.9	5.7	5.6
EMERESS	7.3	5.8	5.3	5.3	5.8	5.2	5.6	6.0	6.1	5.8	6.2	5.6
BONSAI 2000 (BULLET)	7.3	6.2	5.4	5.5	5.8	5.3	5.5	5.9	5.9	5.8	6.0	5.6
TA-7	7.0	6.3	5.7	5.5	5.8	5.3	5.5	5.8	5.9	5.6	5.7	5.6
MB 210	7.3	6.1	5.5	5.5	5.8	5.4	5.5	5.8	6.0	5.5	5.5	5.6
MB 216	6.7	6.1	5.7	5.6	5.8	5.2	5.4	5.8	5.9	5.5	5.8	5.6
REBEL 2000 (AA-989)	7.0	5.7	5.7	5.2	5.6	5.4	5.4	6.0	5.9	5.8	5.8	5.6
MB 211	6.0	5.9	5.5	5.4	5.8	5.3	5.4	5.8	5.9	5.9	6.0	5.6
CORONADO	7.3	5.8	5.5	5.3	5.8	5.1	5.5	5.9	6.1	5.8	6.1	5.6
ATF-038	7.0	5.9	5.5	5.3	5.6	5.4	5.6	5.9	5.9	6.0	6.1	5.6
MB 213	5.3	5.7	5.6	5.6	5.9	5.3	5.6	5.8	5.8	5.6	5.4	5.6

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
NAME	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PST-523	7.0	6.3	5.5	5.4	5.7	5.4	5.6	5.8	5.9	5.7	5.8	5.6
SR 8210	6.7	6.3	5.6	5.5	5.8	5.0	5.6	5.8	5.8	5.6	5.7	5.6
OFI-96-32	8.0	6.2	5.4	5.4	5.8	5.4	5.4	5.8	5.9	5.6	6.1	5.6
ATF-196	6.0	5.5	5.2	5.1	5.6	5.3	5.5	5.9	6.0	6.0	5.9	5.6
AZTEC II (TMI-AZ)	7.3	6.4	5.6	5.3	5.5	5.2	5.5	5.8	5.9	5.7	6.0	5.6
SAFARI	7.0	6.1	5.3	5.3	5.6	5.2	5.5	5.9	5.9	5.8	6.3	5.6
FALCON II	7.0	6.1	5.5	5.2	5.6	5.2	5.5	5.8	5.9	5.8	6.1	5.6
DUSTER	7.0	5.8	5.3	5.4	5.7	5.1	5.5	5.9	6.0	5.6	5.8	5.5
TAR HEEL	7.3	5.5	5.3	5.1	5.6	5.4	5.6	5.9	6.0	5.8	6.0	5.5
JAGUAR 3	7.0	6.1	5.4	5.2	5.6	5.3	5.6	5.9	6.0	5.8	6.3	5.5
ARID 2 (J-3)	6.7	5.8	5.4	5.3	5.6	5.2	5.5	5.9	5.8	5.6	5.5	5.5
TULSA	7.3	6.0	5.4	5.3	5.7	5.3	5.3	5.8	6.1	6.0	6.0	5.5
PST-5E5	6.7	5.8	5.3	5.2	5.6	5.3	5.6	5.8	6.0	5.8	5.8	5.5
RESERVE (ATF-182)	6.3	5.7	5.4	5.2	5.5	5.2	5.5	5.9	6.0	6.0	6.3	5.5
SRX 8500	6.3	6.0	5.4	5.3	5.6	5.1	5.5	5.9	5.9	5.7	5.5	5.5
MB 215	5.0	5.9	5.7	5.5	5.7	5.1	5.4	5.8	5.8	5.8	5.6	5.5
ISI-TF11	6.7	6.2	5.5	5.4	5.6	5.2	5.5	5.8	5.8	5.7	6.3	5.5
BAR FA6 US2U	6.7	5.7	5.6	5.2	5.4	5.2	5.6	5.8	5.8	5.6	5.8	5.5
ANTHEM II (TMI-FMN)	7.0	6.2	5.4	5.3	5.5	5.2	5.5	5.8	5.8	5.7	5.6	5.5
BRAVO (RG-93)	7.7	5.9	5.2	5.2	5.5	5.3	5.4	5.8	5.8	5.7	6.1	5.5
TITAN 2	7.0	6.5	5.5	5.2	5.7	5.2	5.4	5.7	5.6	5.5	5.8	5.5
WPEZE (WVPB-1C)	7.3	6.5	5.5	5.4	5.5	5.3	5.4	5.7	5.7	5.7	5.8	5.5
PICK FA 6-91	5.7	5.5	5.6	5.4	5.7	5.4	5.4	5.7	5.9	5.4	5.3	5.5
PST-5M5	5.7	6.1	5.4	5.2	5.7	5.2	5.4	5.9	6.1	5.8	6.0	5.5
PICK GA-96	6.7	5.9	5.3	5.2	5.6	5.1	5.3	5.9	5.8	5.6	5.6	5.5
LEPRECHAUN	7.3	6.1	5.3	5.2	5.5	5.2	5.3	5.7	5.8	5.4	5.8	5.5
GOOD-EN (KOOS 94-14)	7.3	6.1	5.4	5.4	5.6	5.3	5.3	5.7	5.7	5.5	5.3	5.5
BAR FA6D USA	5.0	5.7	5.3	5.3	5.8	5.2	5.4	5.8	5.9	5.7	5.8	5.5
PICK FA 20-92	6.0	5.5	5.2	5.4	5.8	5.1	5.5	5.7	5.7	5.3	5.0	5.5
ZPS-5LZ	6.3	5.3	5.4	5.2	5.4	5.0	5.4	5.9	6.1	5.8	5.6	5.5
FINELAWN PETITE	6.7	6.3	5.5	5.1	5.5	5.1	5.4	5.8	5.9	5.5	5.7	5.5
ISI-TF9	7.0	6.3	5.5	5.3	5.7	5.0	5.4	5.7	5.9	5.6	5.9	5.5
SHORTSTOP II	5.3	5.2	5.2	5.2	5.7	5.3	5.4	5.6	5.8	5.2	5.1	5.4
SUNPRO	5.7	5.5	5.3	5.3	5.5	5.1	5.4	5.7	5.9	5.6	5.6	5.4
BAR FA6 US1	5.7	5.4	5.2	5.0	5.5	5.3	5.5	5.7	5.9	5.6	5.6	5.4
ALAMO E	6.0	5.9	5.5	5.3	5.6	5.1	5.3	5.6	5.9	5.8	5.8	5.4
ISI-TF10	7.0	5.7	5.3	5.3	5.6	5.2	5.5	5.7	5.7	5.6	5.6	5.4
PSII-TF-9	6.3	5.9	5.5	5.3	5.6	5.0	5.2	5.7	5.7	5.6	5.6	5.4
ATF-188	6.0	6.1	5.4	5.2	5.5	5.0	5.2	5.6	5.9	5.8	6.0	5.4
COCHISE II	6.7	5.7	5.0	5.0	5.4	5.1	5.4	5.8	5.9	5.5	5.8	5.4
PICK FA XK-95	6.0	5.5	5.2	5.3	5.7	5.0	5.3	5.7	5.8	5.6	5.8	5.4
MARKSMAN	7.0	6.6	5.5	5.0	5.5	5.0	5.4	5.8	5.8	5.6	5.7	5.4
BAR FA6 US6F	6.7	6.0	5.3	5.3	5.6	5.0	5.3	5.8	5.9	5.7	5.8	5.4
OFI-FWY	6.7	5.5	5.4	5.2	5.5	5.1	5.3	5.7	5.9	5.6	5.6	5.4
WVPB-1B	7.3	6.1	5.4	5.2	5.5	5.3	5.3	5.7	5.7	5.7	5.6	5.4

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN IN FULL SUN AT TWENTY-SEVEN LOCATIONS IN THE U.S.
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
NAME	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
EC-101	6.3	5.9	5.5	5.3	5.6	5.1	5.3	5.6	5.8	5.6	5.8	5.4
PICK FA 15-92	5.3	5.2	5.2	5.0	5.6	5.1	5.3	5.7	5.9	5.6	5.3	5.4
WOLFPAK (PST-R5TK)	6.3	5.8	5.4	5.1	5.5	5.1	5.3	5.8	5.9	5.8	6.4	5.4
R5AU	7.0	5.5	5.4	5.2	5.3	5.2	5.2	5.6	5.9	5.9	5.8	5.4
OFT-951	6.0	5.3	5.4	5.1	5.6	4.9	5.3	5.6	5.8	5.6	5.2	5.4
BANDANA (PST-R5AE)	6.7	5.7	5.1	5.0	5.4	5.1	5.3	5.7	5.9	5.6	5.8	5.4
SRX 8084	6.7	5.9	5.4	5.1	5.6	4.9	5.3	5.6	5.7	5.4	5.8	5.4
WVPB-1D	6.7	6.1	5.3	5.3	5.5	5.1	5.3	5.6	5.6	5.4	5.8	5.4
ARABIA (J-5)	5.3	5.3	5.3	5.1	5.4	5.3	5.3	5.6	5.7	5.7	5.4	5.4
TWILIGHT II (TMI-TW)	5.3	5.7	5.1	5.1	5.4	5.2	5.3	5.7	5.6	5.7	6.2	5.3
AA-983	4.7	5.3	5.4	5.0	5.5	5.2	5.3	5.6	5.6	5.6	5.6	5.3
PSII-TF-10	6.3	6.1	5.4	5.2	5.4	5.1	5.2	5.5	5.6	5.5	5.5	5.3
EA 41	5.3	5.1	5.2	5.0	5.6	5.1	5.5	5.6	5.7	5.5	5.6	5.3
PC-AO	7.0	6.1	5.1	5.2	5.6	5.1	5.1	5.5	5.7	5.5	5.8	5.3
ATF-020	4.7	5.6	5.1	5.0	5.4	5.2	5.4	5.5	5.7	5.5	5.5	5.3
WX3-275	5.3	5.5	5.1	5.2	5.5	5.2	5.2	5.5	5.6	5.4	5.3	5.3
ATF-022	5.3	5.6	5.4	5.0	5.2	5.0	5.3	5.6	5.5	5.6	6.1	5.3
TOMAHAWK-E	5.7	5.3	5.1	5.0	5.5	5.0	5.2	5.6	5.7	5.5	5.3	5.3
COMSTOCK (SSDE31)	6.7	6.1	5.4	5.1	5.5	5.0	5.0	5.5	5.6	5.8	5.9	5.3
CORONADO GOLD (PST-5RT)	6.3	5.7	5.3	5.2	5.4	5.0	5.2	5.6	5.6	5.6	5.8	5.3
PRO 8430	6.7	5.7	5.1	5.0	5.3	4.9	5.2	5.6	5.7	5.6	6.2	5.3
LION	6.3	5.4	4.9	5.1	5.6	5.0	5.3	5.5	5.6	5.3	5.2	5.3
ATF-257	5.7	5.2	4.8	4.9	5.3	5.2	5.2	5.7	5.7	5.7	5.8	5.3
KITTY HAWK S.S.T. (SS45DW)	6.7	5.7	5.1	4.9	5.2	4.9	5.3	5.6	5.5	5.4	5.8	5.2
ATF-253	5.7	5.6	5.1	5.0	5.4	5.0	5.2	5.5	5.8	5.5	5.7	5.2
EQUINOX (TMI-N91)	7.0	6.1	5.2	5.0	5.2	4.8	5.2	5.5	5.5	5.2	6.0	5.2
PST-5TO	6.3	5.7	5.2	4.8	5.3	4.9	5.2	5.5	5.7	5.5	5.6	5.2
BONSAI	5.7	5.7	5.0	5.0	5.4	4.9	5.3	5.5	5.4	5.2	5.2	5.2
DP 50-9011	7.3	5.8	4.8	4.7	4.9	4.8	5.2	5.6	5.7	5.4	5.4	5.2
JSC-1	7.3	6.1	5.1	4.8	5.3	4.7	5.1	5.4	5.4	5.3	5.3	5.1
ARID	7.3	5.8	4.6	5.0	5.3	4.9	5.0	5.3	5.4	5.3	5.8	5.1
JTTFA-96	7.3	5.9	4.8	4.6	5.0	4.8	5.1	5.5	5.4	5.5	5.8	5.1
JTTFC-96	7.0	6.3	4.8	4.8	5.3	5.0	5.0	5.5	5.4	5.5	5.5	5.1
PICK FA N-93	5.0	4.7	4.7	4.9	5.3	4.9	5.0	5.4	5.6	5.1	4.7	5.1
ATF-192	5.0	5.5	5.1	4.9	5.0	4.7	4.9	5.5	5.4	5.4	5.8	5.1
PICK FA UT-93	5.7	5.1	4.7	4.6	5.3	5.0	5.0	5.4	5.3	5.1	4.8	5.1
DLF-1	6.7	5.9	5.0	4.7	5.2	4.7	4.9	5.3	5.4	5.4	5.5	5.0
DP 7952	7.7	5.9	4.4	4.6	5.0	4.7	4.8	5.2	4.9	5.0	5.3	4.9
AV-1	6.0	5.5	4.5	4.7	4.9	4.6	4.6	5.0	5.0	5.1	5.8	4.8
KENTUCKY-31 W/ENDO.	6.7	5.4	3.8	4.1	4.2	4.0	4.0	4.2	4.1	4.4	4.2	4.2
LSD VALUE	1.6	1.1	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.9	0.4
C.V. (%)	15.7	26.6	30.4	32.9	26.8	27.4	28.3	25.2	25.0	25.6	18.8	23.6

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 3.

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

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

NAME	AR1	CA1	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
PLANTATION (PENNINGTON-1901)	1.0	4.5	56.5	4.0	20.0	24.0	61.0	10.5	34.5	4.5	18.5	34.5	19.5	9.5	22.0
MILLENNIUM (TMI-RBR)	18.0	4.5	35.5	30.0	18.5	33.0	1.0	1.0	9.0	24.5	49.0	1.0	84.0	30.5	6.0
REMBRANDT (LTP-4026 E+)	2.5	49.0	69.0	3.0	89.0	17.5	2.5	2.0	50.0	1.0	22.5	21.0	6.0	4.5	6.0
ARID 3 (J-98)	22.5	53.0	81.5	82.5	95.5	90.0	17.0	42.0	88.5	17.5	31.0	34.5	58.5	104.5	12.5
REBEL SENTRY (AA-A91)	74.5	7.5	104.5	44.0	12.0	4.0	16.0	60.0	56.5	24.5	6.5	71.5	26.5	41.0	33.5
SOUTHERN CHOICE	19.5	11.0	75.5	34.5	12.0	7.0	6.0	7.0	3.5	55.0	6.5	71.5	23.5	9.5	88.5
ZPS-2PTF	7.5	46.5	75.5	32.0	82.0	33.0	8.5	19.0	63.5	14.0	44.5	21.0	78.0	30.5	22.0
MB 29	16.5	60.5	114.0	49.0	34.0	33.0	85.0	35.5	34.5	6.0	53.5	53.5	35.5	41.0	8.5
RENEGADE	49.0	24.0	100.5	30.0	4.0	17.5	10.0	51.0	29.5	80.0	2.5	71.5	23.5	19.0	84.0
J-101	54.0	32.5	56.5	82.5	55.0	76.0	58.5	79.0	104.0	11.0	82.5	12.5	15.5	122.5	22.0
CROSSFIRE II	16.5	38.5	56.5	7.0	16.0	85.5	67.5	10.5	91.0	53.0	41.0	2.5	90.0	14.0	40.5
MB 26	12.5	28.0	66.0	115.0	110.0	56.0	49.0	79.0	119.5	7.0	49.0	6.0	78.0	87.5	18.5
OFI-96-31	74.5	68.0	89.5	49.0	38.0	24.0	44.5	10.5	29.5	46.0	64.0	34.5	47.0	95.0	52.0
GENESIS	43.5	99.0	104.5	40.0	26.0	10.0	33.0	7.0	23.5	21.0	31.0	34.5	31.5	54.0	78.0
WRS2	22.5	11.0	14.5	17.5	55.0	33.0	34.0	71.0	56.5	39.5	53.5	34.5	60.5	30.5	40.5
MB 214	33.0	60.5	9.0	67.5	69.5	17.5	88.5	79.0	43.0	4.5	73.5	71.5	54.5	102.0	12.5
MUSTANG II	49.0	42.0	18.0	15.0	33.0	52.5	8.5	14.0	43.0	92.0	53.5	34.5	1.5	19.0	106.0
CU9501T	98.0	4.5	66.0	61.5	7.5	60.0	58.5	42.0	14.0	86.0	2.5	85.5	44.0	80.5	49.5
PICK FA B-93	14.5	109.5	35.5	12.5	38.0	71.5	74.0	4.0	117.0	21.0	64.0	2.5	84.0	80.5	40.5
MB 28	83.0	78.0	18.0	56.0	23.5	117.5	35.5	28.5	23.5	42.5	102.5	71.5	26.5	14.0	15.5
MASTERPIECE (LTP-SD-TF)	33.0	35.5	89.5	2.0	79.0	47.0	74.0	3.0	3.5	11.0	31.0	53.5	73.0	19.0	33.5
BAR FA6 US3	33.0	60.5	9.0	26.5	112.5	100.5	102.0	19.0	95.0	24.5	102.5	71.5	116.0	65.0	11.0
SHENANDOAH	2.5	38.5	9.0	104.5	2.0	33.0	13.5	28.5	23.5	106.0	2.5	105.0	4.0	54.0	103.0
OFI-931	33.0	94.0	89.5	44.0	46.0	24.0	54.0	60.0	6.5	46.0	18.5	34.5	38.0	92.0	33.5
MB 212	43.5	24.0	45.5	20.0	46.0	17.5	2.5	51.0	43.0	14.0	98.5	34.5	33.0	30.5	59.5
PICK RT-95	4.5	74.5	45.5	1.0	116.0	85.5	4.0	19.0	119.5	8.5	117.0	71.5	44.0	46.0	29.5
CU9502T	62.0	1.0	89.5	78.0	76.0	10.0	41.0	5.0	77.5	80.0	11.5	85.5	110.5	19.0	99.0
GAZELLE	49.0	94.0	56.5	20.0	46.0	47.0	58.5	28.5	115.5	11.0	57.0	53.5	107.0	30.5	1.0
PIXIE E+	87.5	15.5	43.5	90.0	7.5	47.0	22.5	60.0	95.0	56.5	13.0	71.5	44.0	1.5	56.5
BAR FA 6D	67.5	28.0	104.5	96.5	110.0	90.0	44.5	10.5	6.5	30.0	41.0	12.5	123.5	30.5	40.5
BAR FA 6LV	9.0	11.0	18.0	24.0	76.0	111.5	65.0	94.5	77.5	17.5	49.0	12.5	121.0	70.5	52.0
REGIMENT	29.0	4.5	20.5	111.5	14.0	24.0	5.0	60.0	68.0	101.5	31.0	85.5	11.5	9.5	109.0
APACHE II	39.0	20.5	31.0	46.0	99.5	13.0	100.5	60.0	68.0	24.5	73.5	6.0	63.0	30.5	56.5
EMPRESS	19.5	42.0	66.0	15.0	76.0	5.5	121.0	47.5	1.0	53.0	8.0	21.0	63.0	80.5	3.0
TA-7	77.0	68.0	108.0	40.0	46.0	71.5	54.0	28.5	43.0	17.5	107.0	34.5	60.5	65.0	63.0
MB 213	71.5	46.5	14.5	82.5	69.5	56.0	65.0	71.0	43.0	34.5	114.5	114.5	15.5	54.0	15.5
BONSAI 2000 (BULLET)	98.0	2.0	4.0	108.0	55.0	29.5	22.5	19.0	77.5	92.0	53.5	71.5	19.5	30.5	88.5
MB 216	43.5	42.0	48.0	34.5	23.5	24.0	116.5	104.5	77.5	14.0	94.5	21.0	73.0	70.5	6.0
COYOTE	59.0	94.0	70.0	49.0	62.0	76.0	82.0	71.0	95.0	2.5	31.0	34.5	84.0	104.5	26.0
MB 211	39.0	94.0	81.5	12.5	114.0	65.0	28.5	47.5	104.0	30.0	117.0	34.5	52.0	22.0	40.5
CORONADO	26.0	24.0	48.0	15.0	40.5	38.5	100.5	47.5	63.5	30.0	120.0	6.0	107.0	4.5	29.5
REBEL 2000 (AA-989)	4.5	74.5	56.5	56.0	69.5	97.0	105.5	71.0	77.5	30.0	98.5	34.5	126.0	126.5	15.5
SR 8210	67.5	42.0	9.0	103.0	30.5	5.5	70.5	14.0	109.5	48.5	82.5	71.5	90.0	70.5	56.5
MB 210	104.5	18.5	96.0	49.0	46.0	47.0	54.0	71.0	6.5	48.5	22.5	53.5	54.5	9.5	92.5
ATF-038	12.5	35.5	56.5	61.5	55.0	115.5	21.0	85.0	88.5	60.0	102.5	96.0	40.5	122.5	52.0

TABLE 3. (CONT'D)

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

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AR1	CA1	DE1	GAL	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
PST-523	29.0	15.5	27.5	37.0	16.0	17.5	93.0	42.0	29.5	80.0	22.5	124.5	8.5	60.5	95.5
ATF-196	54.0	106.0	40.0	74.5	86.0	127.0	13.5	71.0	123.5	80.0	41.0	21.0	73.0	14.0	67.0
DUSTER	62.0	81.5	94.5	96.5	21.0	65.0	28.5	42.0	43.0	65.0	22.5	53.5	95.5	70.5	40.5
JAGUAR 3	52.0	24.0	40.0	5.0	69.5	107.0	24.0	23.5	43.0	27.0	64.0	105.0	113.5	70.5	78.0
ARID 2 (J-3)	122.5	46.5	1.0	121.0	128.5	111.5	26.0	113.5	95.0	42.5	94.5	53.5	90.0	112.5	54.0
SAFARI	43.5	74.5	72.0	82.5	6.0	2.0	26.0	51.0	68.0	101.5	16.0	85.5	3.0	4.5	115.5
AZTEC II (TMI-AZ)	90.0	15.5	66.0	82.5	27.0	65.0	38.5	35.5	56.5	80.0	120.0	53.5	49.5	54.0	103.0
TULSA	90.0	7.5	123.5	74.5	55.0	47.0	7.0	35.5	68.0	60.0	31.0	53.5	29.5	65.0	78.0
PST-5E5	43.5	103.5	40.0	9.5	92.0	65.0	103.0	28.5	2.0	42.5	44.5	85.5	107.0	54.0	22.0
TAR HEEL	26.0	55.0	20.5	40.0	92.0	17.5	114.5	60.0	18.0	42.5	46.0	53.5	58.5	108.5	29.5
FALCON II	62.0	78.0	89.5	40.0	30.5	3.0	72.0	60.0	11.0	95.5	2.5	71.5	40.5	30.5	106.0
OFI-96-32	67.5	24.0	24.5	67.5	55.0	13.0	20.0	60.0	11.0	71.5	89.0	53.5	52.0	23.0	92.5
RESERVE (ATF-182)	22.5	106.0	119.0	30.0	119.5	24.0	15.0	60.0	43.0	71.5	57.0	53.5	35.5	120.0	84.0
MB 215	67.5	113.0	31.0	82.5	86.0	60.0	51.0	79.0	77.5	37.5	73.5	53.5	73.0	115.5	10.0
SRX 8500	33.0	68.0	104.5	94.0	62.0	13.0	97.5	79.0	77.5	34.5	82.5	21.0	93.5	87.5	67.0
ISI-TF11	62.0	68.0	114.0	24.0	9.5	8.0	54.0	104.5	14.0	65.0	16.0	96.0	67.0	24.0	56.5
BAR FA6 US2U	47.0	68.0	108.0	24.0	82.0	111.5	124.0	35.5	56.5	21.0	89.0	85.5	123.5	75.0	47.0
ANTHEM II (TMI-FMN)	83.0	28.0	56.5	115.0	55.0	107.0	30.0	110.0	18.0	60.0	73.5	53.5	47.0	46.0	78.0
BRAVO (RG-93)	57.0	51.0	81.5	26.5	35.5	47.0	38.5	19.0	56.5	53.0	73.5	34.5	84.0	80.5	84.0
PICK GA-96	36.5	51.0	81.5	11.0	116.0	56.0	116.5	23.5	109.5	50.5	31.0	53.5	113.5	102.0	84.0
TITAN 2	78.5	94.0	22.5	90.0	1.0	1.0	26.0	85.0	18.0	116.0	5.0	105.0	5.0	70.5	123.0
PST-5M5	67.5	86.5	75.5	22.0	86.0	97.0	42.0	42.0	6.5	34.5	111.0	85.5	15.5	30.5	8.5
PICK FA 20-92	104.5	42.0	56.5	118.0	121.0	121.0	96.0	28.5	43.0	60.0	94.5	12.5	84.0	30.5	40.5
WPEZE (WVPB-1C)	101.5	35.5	56.5	56.0	30.5	28.0	49.0	104.5	77.5	71.5	64.0	71.5	73.0	19.0	95.5
PICK FA 6-91	98.0	86.5	26.0	61.5	99.5	90.0	99.0	94.5	56.5	34.5	64.0	34.5	35.5	115.5	29.5
ZPS-5LZ	11.0	101.0	81.5	56.0	46.0	97.0	65.0	117.0	113.0	17.5	82.5	34.5	84.0	102.0	40.5
LEPRECHAUN	74.5	35.5	22.5	28.0	46.0	38.5	83.0	60.0	56.5	106.0	9.5	21.0	103.0	87.5	70.5
BAR FA6D USA	124.5	86.5	89.5	56.0	105.0	103.5	93.0	42.0	18.0	8.5	64.0	53.5	19.5	87.5	26.0
FINELAWN PETITE	110.5	60.5	100.5	34.5	23.5	97.0	47.0	47.5	14.0	65.0	73.5	34.5	67.0	9.5	78.0
BAR FA6 US1	43.5	103.5	31.0	90.0	112.5	124.0	127.0	35.5	23.5	2.5	122.5	85.5	122.0	80.5	40.5
SHORTSTOP II	116.0	55.0	97.5	124.5	30.5	69.0	109.5	104.5	125.5	92.0	57.0	12.5	80.0	46.0	63.0
ALAMO E	51.0	68.0	97.5	56.0	69.5	38.5	49.0	120.0	115.5	86.0	14.0	121.5	28.0	16.0	99.0
ISI-TF9	78.5	11.0	123.5	82.5	102.5	38.5	70.5	79.0	34.5	80.0	89.0	85.5	19.5	54.0	70.5
SUNPRO	6.0	101.0	2.0	74.5	122.0	76.0	128.0	7.0	119.5	56.5	94.5	21.0	93.5	108.5	73.5
ISI-TF10	26.0	81.5	89.5	67.5	105.0	100.5	85.0	88.5	56.5	86.0	120.0	71.5	67.0	37.5	63.0
GOOD-EN (KOOS 94-14)	62.0	20.5	43.5	96.5	86.0	81.5	93.0	120.0	88.5	95.5	102.5	53.5	40.5	60.5	67.0
COCHISE II	54.0	81.5	14.5	67.5	110.0	76.0	67.5	104.5	99.5	106.0	22.5	21.0	8.5	92.0	88.5
PSII-TF-9	83.0	115.5	126.0	90.0	46.0	38.5	32.0	60.0	34.5	113.5	31.0	53.5	67.0	75.0	73.5
ATF-188	122.5	32.5	5.5	77.0	99.5	65.0	77.0	19.0	99.5	110.5	59.0	53.5	56.5	98.0	88.5
OFI-FWY	10.0	78.0	110.0	96.5	69.5	71.5	104.0	42.0	29.5	71.5	16.0	96.0	99.5	54.0	49.5
BAR FA6 US6F	14.5	11.0	27.5	34.5	40.5	47.0	107.5	88.5	95.0	50.5	49.0	71.5	118.5	98.0	22.0
PICK FA XK-95	7.5	68.0	40.0	72.0	119.5	97.0	122.0	117.0	77.5	71.5	124.5	85.5	103.0	41.0	63.0
PICK FA 15-92	104.5	74.5	31.0	108.0	123.0	90.0	62.5	60.0	104.0	95.5	128.5	12.5	84.0	120.0	47.0
MARKSMAN	22.5	60.5	122.0	40.0	12.0	42.0	62.5	60.0	43.0	80.0	127.0	34.5	103.0	54.0	109.0
EC-101	110.5	86.5	72.0	82.5	46.0	65.0	54.0	19.0	77.5	65.0	89.0	96.0	11.5	95.0	111.0

TABLE 3. (CONT'D)

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

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AR1	CA1	DE1	GAL	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO1	MO3
WOLFPACK (PST-R5TK)	67.5	68.0	114.0	6.0	55.0	24.0	93.0	35.5	43.0	89.0	89.0	114.5	67.0	1.5	78.0
WVPB-1B	71.5	86.5	35.5	90.0	105.0	81.5	18.5	14.0	29.5	80.0	73.5	105.0	95.5	4.5	113.0
R5AU	57.0	30.5	89.5	9.5	102.5	60.0	18.5	28.5	56.5	106.0	31.0	12.5	116.0	49.0	70.5
OFI-951	87.5	57.0	128.0	90.0	116.0	90.0	119.5	113.5	104.0	71.5	111.0	114.5	118.5	118.0	2.0
BANDANA (PST-R5AE)	113.0	15.5	119.0	49.0	18.5	38.5	88.5	94.5	18.0	95.5	31.0	85.5	52.0	41.0	59.5
ARABIA (J-5)	83.0	68.0	5.5	108.0	124.0	128.0	74.0	113.5	122.0	39.5	128.5	96.0	103.0	129.0	18.5
SRX 8084	93.0	46.5	3.0	52.0	69.5	10.0	80.0	94.5	104.0	71.5	82.5	34.5	35.5	41.0	99.0
WVPB-1D	39.0	18.5	114.0	67.5	16.0	52.5	77.0	99.5	109.5	89.0	102.5	114.5	49.5	54.0	121.0
PSII-TF-10	116.0	60.5	119.0	90.0	62.0	81.5	35.5	113.5	56.5	89.0	114.5	71.5	56.5	65.0	84.0
AA-983	83.0	125.5	31.0	44.0	125.5	122.0	114.5	94.5	68.0	30.0	117.0	53.5	126.0	124.0	40.5
TWILIGHT II (TMI-TW)	95.0	51.0	100.5	74.5	69.5	117.5	97.5	126.0	68.0	106.0	94.5	114.5	103.0	46.0	47.0
EA 41	29.0	113.0	14.5	108.0	69.5	76.0	125.0	124.0	125.5	60.0	41.0	85.5	63.0	37.5	33.5
PC-AO	98.0	94.0	126.0	67.5	28.0	119.0	44.5	71.0	88.5	46.0	49.0	105.0	29.5	112.5	99.0
ATF-020	90.0	115.5	72.0	117.0	82.0	125.5	12.0	104.5	85.0	71.5	107.0	53.5	110.5	87.5	78.0
WX3-275	83.0	94.0	81.5	17.5	62.0	107.0	105.5	104.5	104.0	80.0	107.0	105.0	78.0	108.5	99.0
ATF-022	36.5	113.0	56.5	100.5	97.0	125.5	11.0	128.0	109.5	106.0	111.0	96.0	116.0	126.5	122.0
TOMAHAWK-E	108.0	121.0	94.5	115.0	107.0	29.5	109.5	94.5	56.5	99.0	82.5	96.0	90.0	120.0	15.5
CORONADO GOLD (PST-5RT)	57.0	94.0	48.0	8.0	86.0	56.0	123.0	88.5	23.5	37.5	124.5	114.5	31.5	95.0	106.0
PRO 8430	93.0	55.0	56.5	56.0	95.5	47.0	38.5	60.0	95.0	110.5	82.5	114.5	97.5	108.5	119.0
ATF-257	74.5	122.5	66.0	100.5	92.0	65.0	44.5	85.0	95.0	106.0	73.5	114.5	40.5	65.0	117.0
COMSTOCK (SSDE31)	108.0	109.5	12.0	61.5	99.5	81.5	107.5	94.5	11.0	99.0	82.5	114.5	23.5	9.5	63.0
KITTY HAWK S.S.T. (SS45DW)	101.5	109.5	114.0	100.5	62.0	81.5	69.0	79.0	29.5	113.5	64.0	114.5	23.5	100.0	113.0
LION	104.5	94.0	24.5	122.5	92.0	90.0	80.0	120.0	85.0	116.0	73.5	96.0	120.0	60.5	92.5
ATF-253	98.0	109.5	35.5	67.5	69.5	111.5	31.0	117.0	43.0	118.5	102.5	96.0	99.5	80.5	92.5
EQUINOX (TMI-N91)	116.0	30.5	119.0	67.5	108.0	56.0	111.5	110.0	85.0	116.0	41.0	71.5	97.5	30.5	113.0
PST-5TO	83.0	86.5	56.5	20.0	127.0	90.0	126.0	79.0	43.0	99.0	73.5	105.0	110.5	98.0	70.5
BONSAI	113.0	119.0	9.0	126.5	92.0	71.5	58.5	79.0	104.0	112.0	111.0	121.5	47.0	87.5	119.0
DP 50-9011	108.0	106.0	56.5	126.5	118.0	115.5	85.0	28.5	68.0	121.0	94.5	105.0	90.0	80.5	109.0
PICK FA N-93	120.0	120.0	119.0	122.5	128.5	123.0	118.0	60.0	127.5	65.0	122.5	12.5	128.0	117.0	4.0
JSC-1	128.0	117.5	40.0	104.5	79.0	111.5	119.5	88.5	23.5	120.0	111.0	121.5	73.0	112.5	103.0
PICK FA UT-93	121.0	101.0	75.5	124.5	125.5	129.0	129.0	122.0	127.5	118.5	126.0	6.0	129.0	125.0	26.0
ATF-192	113.0	124.0	100.5	100.5	79.0	103.5	88.5	123.0	77.5	123.5	31.0	6.0	126.0	60.5	119.0
JTTFA-96	119.0	117.5	56.5	119.5	38.0	81.5	111.5	94.5	123.5	126.0	11.5	105.0	7.0	92.0	125.0
JTTFC-96	93.0	81.5	111.0	111.5	35.5	94.0	80.0	99.5	56.5	122.0	37.5	121.5	11.5	46.0	115.5
ARID	118.0	127.0	81.5	108.0	3.0	47.0	38.5	104.5	113.0	128.0	9.5	126.5	1.5	80.5	126.0
DLF-1	126.0	125.5	108.0	113.0	9.5	103.5	88.5	110.0	77.5	123.5	64.0	126.5	15.5	75.0	124.0
DP 7952	124.5	122.5	126.0	129.0	23.5	111.5	77.0	126.0	113.0	127.0	22.5	124.5	110.5	106.0	128.0
AV-1	127.0	128.0	81.5	119.5	55.0	103.5	93.0	126.0	119.5	125.0	64.0	128.0	73.0	112.5	127.0
KENTUCKY-31 W/ENDO.	129.0	129.0	129.0	128.0	5.0	120.0	113.0	129.0	129.0	129.0	37.5	129.0	11.5	128.0	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-SEVEN LOCATIONS IN THE U.S. 1/
1997 DATA

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

NAME	NEL	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
PLANTATION (PENNINGTON-1901)	1.0	13.5	4.5	8.0	57.0	11.5	12.5	15.5	10.0	8.0	4.0	14.0	1
MILLENNIUM (TMI-RBR)	47.5	1.0	2.0	1.0	8.5	11.5	22.5	15.5	106.5	58.5	10.5	69.0	2
REMBRANDT (LTP-4026 E+)	8.5	41.5	8.0	84.5	14.5	7.0	17.0	1.0	31.5	7.0	8.0	38.5	3
ARID 3 (J-98)	2.5	2.5	12.0	3.0	78.0	50.5	3.0	15.5	20.0	38.0	8.0	57.0	4
REBEL SENTRY (AA-A91)	5.5	37.0	7.0	90.0	14.5	32.0	9.5	31.5	102.0	93.0	55.0	38.5	5
SOUTHERN CHOICE	40.0	78.5	55.5	26.5	78.0	87.0	91.0	80.0	7.5	6.0	94.5	69.0	6
ZPS-2PTF	69.0	47.0	17.0	65.0	14.5	16.5	124.0	94.0	2.0	102.5	15.5	3.0	7
MB 29	10.0	17.5	9.0	50.5	34.0	50.5	86.0	7.0	109.5	62.0	55.0	1.5	8
RENEGADE	66.5	69.5	60.5	8.0	94.5	3.5	76.5	80.0	92.5	2.0	103.5	85.0	9
J-101	61.5	13.5	21.5	22.5	57.0	87.0	1.0	15.5	77.0	86.5	31.5	14.0	10
CROSSFIRE II	29.0	25.0	71.5	8.0	94.5	44.0	68.0	94.0	77.0	31.0	45.0	38.5	11
MB 26	2.5	2.5	21.5	17.5	5.0	50.5	104.0	8.5	60.0	90.0	31.5	24.0	12
OFI-96-31	20.0	17.5	26.5	17.5	78.0	23.5	43.0	68.5	12.0	19.5	15.5	38.5	13
GENESIS	99.0	47.0	66.5	8.0	94.5	69.0	17.0	56.5	20.0	5.0	84.5	85.0	14
WRS2	47.5	63.0	24.0	12.0	24.0	60.5	98.0	94.0	117.5	47.5	8.0	57.0	15
MB 214	34.0	20.5	28.5	8.0	1.0	107.0	110.0	43.0	92.5	25.5	84.5	4.5	16
MUSTANG II	40.0	106.5	99.5	35.5	106.0	23.5	34.5	6.0	92.5	29.0	1.0	108.5	17
CU9501T	5.5	41.5	30.5	84.5	34.0	38.0	17.0	3.0	41.0	85.0	38.0	38.5	18
PICK FA B-93	29.0	58.5	12.0	107.0	14.5	11.5	30.0	43.0	3.0	117.0	6.0	24.0	19
MB 28	29.0	6.0	55.5	3.0	57.0	69.0	72.0	68.5	47.5	93.0	75.5	24.0	20
MASTERPIECE (LTP-SD-TF)	47.5	67.0	43.5	60.0	78.0	23.5	58.0	68.5	92.5	69.5	38.0	8.5	21
BAR FA 6 US3	34.0	25.0	4.5	17.5	78.0	38.0	58.0	80.0	4.0	69.5	15.5	1.5	22
SHENANDOAH	74.0	113.0	106.0	13.5	118.0	32.0	98.0	43.0	20.0	3.5	94.5	108.5	23
OFI-931	47.5	58.5	64.0	45.5	120.5	32.0	22.5	56.5	25.5	93.0	31.5	14.0	24
MB 212	78.0	54.0	37.5	120.5	57.0	87.0	34.5	56.5	71.0	10.0	15.5	38.5	25
PICK RT-95	44.0	67.0	17.0	82.0	57.0	69.0	98.0	113.5	52.0	50.5	4.0	38.5	26
CU9502T	20.0	54.0	84.0	30.5	24.0	5.5	22.5	43.0	92.5	29.0	15.5	8.5	27
GAZELLE	12.0	17.5	1.0	118.5	14.5	93.0	58.0	94.0	5.5	112.5	75.5	38.5	28
PIXIE E+	52.5	108.0	71.5	50.5	42.5	60.5	37.0	2.0	60.0	22.5	45.0	85.0	29
BAR FA 6D	29.0	20.5	30.5	50.5	2.5	78.5	27.0	43.0	60.0	47.5	116.5	50.5	30
BAR FA 6LV	20.0	41.5	24.0	76.5	24.0	23.5	11.0	68.5	92.5	108.5	55.0	85.0	31
REGIMENT	85.0	63.0	73.5	60.0	114.5	3.5	91.0	23.0	41.0	29.0	66.0	85.0	32
APACHE II	20.0	47.0	17.0	60.0	78.0	98.0	68.0	68.5	27.0	69.5	15.5	99.5	33
EMPRESS	12.0	69.5	37.5	114.5	78.0	103.5	43.0	113.5	7.5	90.0	84.5	24.0	34
TA-7	40.0	37.0	6.0	50.5	57.0	44.0	14.0	68.5	47.5	81.5	84.5	69.0	35
MB 213	40.0	4.0	10.0	41.0	42.5	103.5	117.5	56.5	5.5	122.0	94.5	38.5	36
BONSAI 2000 (BULLET)	88.5	63.0	33.5	70.5	57.0	60.5	104.0	43.0	10.0	9.0	38.0	99.5	37
MB 216	29.0	28.5	43.5	84.5	5.0	128.0	86.0	8.5	106.5	97.5	38.0	38.5	38
COYOTE	52.5	33.5	3.0	110.0	14.5	78.5	49.0	113.5	14.0	41.0	45.0	14.0	39
MB 211	57.5	54.0	55.5	90.0	57.0	32.0	22.5	56.5	36.5	78.0	75.5	24.0	40
CORONADO	57.5	10.5	17.0	111.5	42.5	78.5	104.0	68.5	25.5	86.5	55.0	69.0	41
REBEL 2000 (AA-989)	72.0	31.0	43.5	30.5	106.0	115.0	6.0	5.0	117.5	44.0	31.5	4.5	42
SR 8210	80.5	47.0	64.0	60.0	5.0	19.0	76.5	113.5	1.0	112.5	55.0	14.0	43
MB 210	76.0	47.0	43.5	42.5	14.5	60.5	108.0	43.0	41.0	96.0	23.0	99.5	44
ATF-038	7.0	54.0	81.5	26.5	78.0	32.0	43.0	43.0	115.0	25.5	27.0	57.0	45

TABLE 3. (CONT'D)

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

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NEL	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
PST-523	72.0	47.0	55.5	80.0	94.5	28.0	27.0	94.0	41.0	35.5	45.0	85.0	46
ATF-196	47.5	60.0	49.5	39.5	106.0	55.0	30.0	31.5	31.5	62.0	38.0	24.0	47
DUSTER	20.0	87.0	84.0	54.5	57.0	87.0	9.5	113.5	20.0	102.5	23.0	99.5	48
JAGUAR 3	8.5	90.5	103.0	30.5	24.0	16.5	91.0	113.5	112.5	75.0	23.0	50.5	49
ARID 2 (J-3)	34.0	8.5	49.5	22.5	24.0	78.5	7.5	43.0	20.0	81.5	31.5	38.5	50
SAFARI	96.5	118.5	99.5	35.5	78.0	1.5	104.0	94.0	60.0	19.5	45.0	116.5	51
AZTEC II (TMI-AZ)	104.0	47.0	43.5	35.5	42.5	1.5	51.0	68.5	41.0	14.0	103.5	38.5	52
TULSA	80.5	78.5	49.5	118.5	8.5	8.5	43.0	31.5	31.5	66.0	55.0	50.5	53
PST-5E5	101.5	54.0	40.0	30.5	57.0	50.5	76.5	113.5	31.5	119.0	45.0	50.5	54
TAR HEEL	101.5	28.5	17.0	90.0	57.0	44.0	64.0	31.5	77.0	39.0	31.5	85.0	55
FALCON II	20.0	93.0	88.0	70.5	114.5	38.0	81.5	80.0	68.0	3.5	45.0	99.5	56
OFI-96-32	69.0	87.0	79.5	80.0	57.0	16.5	68.0	68.5	60.0	53.5	55.0	116.5	57
RESERVE (ATF-182)	113.5	105.0	92.0	17.5	42.5	8.5	58.0	31.5	60.0	25.5	2.0	69.0	58
MB 215	14.5	25.0	37.5	105.0	2.5	120.0	91.0	27.0	106.5	53.5	84.5	38.5	59
SRX 8500	57.5	37.0	17.0	70.5	114.5	120.0	30.0	113.5	31.5	16.5	23.0	57.0	60
ISI-TF11	85.0	87.0	92.0	65.0	24.0	14.0	98.0	125.0	41.0	11.0	112.5	112.0	61
BAR FA6 US2U	20.0	6.0	49.5	35.5	120.5	32.0	58.0	94.0	47.5	75.0	66.0	6.5	62
ANTHEM II (TMI-FMN)	99.0	22.0	73.5	70.5	94.5	44.0	58.0	23.0	31.5	62.0	55.0	85.0	63
BRAVO (RG-93)	123.0	78.5	55.5	3.0	42.5	115.0	104.0	94.0	106.5	41.0	112.5	69.0	64
PICK GA-96	14.5	54.0	69.0	8.0	106.0	87.0	86.0	105.0	31.5	102.5	75.5	50.5	65
TITAN 2	85.0	116.0	119.5	17.5	106.0	101.5	104.0	31.5	117.5	19.5	116.5	116.5	66
PST-5M5	40.0	84.5	55.5	126.5	34.0	60.5	113.0	125.0	31.5	62.0	10.5	38.5	67
PICK FA 20-92	20.0	25.0	12.0	39.5	24.0	87.0	51.0	80.0	102.0	125.0	94.5	38.5	68
WPEZE (WVPB-1C)	113.5	83.0	60.5	22.5	94.5	44.0	58.0	113.5	77.0	14.0	66.0	99.5	69
PICK FA 6-91	36.0	6.0	60.5	125.0	78.0	78.5	4.0	15.5	10.0	128.0	126.5	14.0	70
ZPS-5LZ	29.0	10.5	24.0	94.0	78.0	110.0	117.5	113.5	60.0	127.0	23.0	69.0	71
LEPRECHAUN	85.0	99.5	106.0	22.5	78.0	98.0	126.0	23.0	77.0	19.5	84.5	24.0	72
BAR FA6D USA	66.5	13.5	28.5	113.0	78.0	50.5	91.0	31.5	84.0	58.5	66.0	50.5	73
FINELAWN PETITE	107.0	72.5	81.5	76.5	14.5	32.0	27.0	125.0	124.5	72.5	103.5	99.5	74
BAR FA6 US1	20.0	33.5	17.0	26.5	34.0	107.0	117.5	94.0	20.0	115.5	121.5	6.5	75
SHORTSTOP II	57.5	13.5	79.5	17.5	124.5	117.5	7.5	10.5	77.0	78.0	94.5	24.0	76
ALAMO E	88.5	72.5	66.5	97.5	34.0	78.5	71.0	23.0	24.0	88.0	66.0	57.0	77
ISI-TF9	61.5	54.0	92.0	80.0	24.0	38.0	76.5	125.0	102.0	32.5	66.0	57.0	78
SUNPRO	12.0	25.0	64.0	90.0	94.5	78.5	112.0	113.5	16.0	44.0	45.0	24.0	79
ISI-TF10	96.5	31.0	33.5	45.5	106.0	78.5	65.0	125.0	60.0	53.5	109.0	38.5	80
GOOD-EN (KOOS 94-14)	40.0	63.0	60.5	45.5	34.0	122.0	110.0	15.5	92.5	32.5	116.5	99.5	81
COCHISE II	92.0	97.0	112.5	13.5	57.0	115.0	81.5	125.0	102.0	102.5	75.5	57.0	82
PSII-TF-9	111.0	103.0	76.5	26.5	94.5	107.0	76.5	68.5	20.0	53.5	103.5	99.5	83
ATF-188	95.0	90.5	99.5	42.5	57.0	44.0	51.0	31.5	84.0	75.0	4.0	69.0	84
OFI-FWY	40.0	93.0	43.5	54.5	106.0	23.5	128.0	43.0	92.5	110.0	66.0	85.0	85
BAR FA6 US6F	115.0	41.5	37.5	129.0	24.0	60.5	22.5	94.0	68.0	107.0	84.5	85.0	86
PICK FA XK-95	82.0	8.5	26.5	65.0	24.0	87.0	58.0	94.0	71.0	35.5	66.0	85.0	87
PICK FA 15-92	52.5	31.0	99.5	76.5	78.0	93.0	2.0	15.5	14.0	124.0	112.5	69.0	88
MARKSMAN	64.0	103.0	95.5	97.5	94.5	98.0	117.5	15.5	36.5	16.5	75.5	69.0	89
EC-101	52.5	89.0	76.5	107.0	42.5	69.0	43.0	68.5	77.0	44.0	84.5	99.5	90

TABLE 3. (CONT'D)

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

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NEL	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	WA1	MEAN
WOLFPACK (PST-R5TK)	76.0	97.0	49.5	117.0	78.0	5.5	95.0	80.0	77.0	41.0	75.5	116.5	91
WVPB-1B	92.0	78.5	69.0	95.0	78.0	55.0	81.5	80.0	112.5	22.5	116.5	116.5	92
R5AU	125.5	67.0	92.0	128.0	114.5	23.5	32.5	10.5	60.0	102.5	121.5	108.5	93
OFI-951	47.5	72.5	33.5	50.5	8.5	69.0	58.0	56.5	14.0	121.0	15.5	14.0	94
BANDANA (PST-R5AE)	125.5	117.0	114.5	90.0	34.0	11.5	81.5	94.0	84.0	111.0	31.5	38.5	95
ARABIA (J-5)	109.0	17.5	33.5	50.5	106.0	93.0	43.0	23.0	60.0	95.0	55.0	14.0	96
SRX 8084	69.0	113.0	106.0	111.5	57.0	107.0	120.5	80.0	68.0	67.0	103.5	69.0	97
WVPB-1D	76.0	72.5	110.0	70.5	78.0	69.0	120.5	105.0	52.0	35.5	66.0	112.0	98
PSII-TF-10	72.0	103.0	92.0	60.0	78.0	69.0	86.0	94.0	92.5	114.0	94.5	69.0	99
AA-983	4.0	101.0	88.0	97.5	57.0	98.0	5.0	43.0	71.0	81.5	84.5	24.0	100
TWILIGHT II (TMI-TW)	116.0	37.0	49.5	70.5	124.5	55.0	22.5	51.0	92.5	47.5	94.5	38.5	101
EA 41	104.0	63.0	110.0	116.0	24.0	78.5	48.0	94.0	47.5	84.0	45.0	24.0	102
PC-AO	57.5	109.5	95.5	70.5	57.0	101.5	114.5	43.0	92.5	102.5	103.5	85.0	103
ATF-020	57.5	97.0	99.5	90.0	57.0	93.0	58.0	68.5	120.0	108.5	31.5	99.5	104
WX3-275	92.0	84.5	106.0	8.0	94.5	112.0	32.5	113.5	109.5	102.5	94.5	121.0	105
ATF-022	25.0	95.0	112.5	45.5	94.5	50.5	37.0	43.0	124.5	47.5	126.5	85.0	106
TOMAHAWK-E	29.0	78.5	117.5	102.0	42.5	125.0	12.5	94.0	52.0	102.5	112.5	69.0	107
CORONADO GOLD (PST-5RT)	110.0	78.5	84.0	114.5	114.5	60.5	98.0	113.5	122.0	118.0	15.5	69.0	108
PRO 8430	64.0	123.0	116.0	60.0	57.0	23.5	114.5	80.0	84.0	97.5	103.5	69.0	109
ATF-257	107.0	121.0	99.5	90.0	120.5	23.5	94.0	56.5	41.0	69.5	23.0	123.5	110
COMSTOCK (SSIE31)	85.0	106.5	114.5	122.0	94.5	98.0	43.0	56.5	126.0	35.5	121.5	116.5	111
KITTY HAWK S.S.T. (SS45DW)	117.5	113.0	110.0	56.0	106.0	127.0	68.0	56.5	84.0	115.5	109.0	99.5	112
LION	79.0	99.5	88.0	120.5	8.5	69.0	15.0	94.0	117.5	120.0	55.0	85.0	113
ATF-253	107.0	93.0	86.0	124.0	78.0	69.0	76.5	56.5	122.0	56.5	75.5	99.5	114
EQUINOX (TMI-N91)	123.0	113.0	106.0	107.0	57.0	117.5	43.0	23.0	60.0	56.5	109.0	69.0	115
PST-5TO	112.0	78.5	76.5	109.0	78.0	120.0	73.0	125.0	47.5	123.0	66.0	85.0	116
BONSAI	64.0	118.5	119.5	76.5	106.0	123.0	110.0	125.0	47.5	81.5	103.5	69.0	117
DP 50-9011	117.5	109.5	123.5	35.5	34.0	93.0	86.0	43.0	92.5	90.0	121.5	112.0	118
PICK FA N-93	99.0	37.0	69.0	102.0	57.0	78.5	104.0	94.0	77.0	129.0	55.0	108.5	119
JSC-1	92.0	113.0	117.5	84.5	78.0	107.0	37.0	105.0	102.0	62.0	121.5	99.5	120
PICK FA UT-93	92.0	78.5	76.5	60.0	34.0	125.0	19.0	68.5	60.0	126.0	23.0	14.0	121
ATF-192	128.0	120.0	121.0	97.5	128.0	44.0	58.0	43.0	99.0	65.0	94.5	121.0	122
JTTFA-96	127.0	124.0	122.0	70.5	114.5	38.0	123.0	94.0	60.0	1.0	66.0	125.5	123
JTTFC-96	120.5	122.0	123.5	102.0	127.0	16.5	122.0	113.5	127.0	78.0	121.5	127.0	124
ARID	119.0	125.0	128.0	102.0	124.5	60.5	125.0	68.5	122.0	12.0	125.0	125.5	125
DLF-1	104.0	126.0	125.0	126.5	106.0	112.0	68.0	4.0	112.5	50.5	94.5	121.0	126
DP 7952	123.0	128.0	127.0	35.5	120.5	112.0	127.0	23.0	128.0	14.0	84.5	123.5	127
AV-1	120.5	127.0	126.0	123.0	124.5	125.0	43.0	94.0	112.5	72.5	128.0	128.0	128
KENTUCKY-31 W/ENDO.	129.0	129.0	129.0	102.0	129.0	129.0	129.0	125.0	129.0	25.5	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 DENSE SHADE AT MISSISSIPPI ST., MS 1/
1997 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	4.0	5.0	7.7	6.7	6.3	6.7	6.0	5.7	5.3	5.3	5.8	6.0	6.1
TITAN 2	4.0	4.7	7.0	6.7	6.7	7.0	4.7	5.3	4.7	5.0	5.3	5.8	5.9
J-101	4.0	4.7	6.3	6.0	7.0	6.3	5.7	5.7	5.0	5.7	5.7	6.0	5.8
SAFARI	4.0	5.3	6.7	6.3	7.0	7.0	5.0	5.3	4.7	4.7	5.3	5.7	5.8
PLANTATION (PENNINGTON-1901)	4.0	4.0	6.0	5.7	7.3	7.0	6.0	5.7	4.7	5.3	5.7	5.8	5.8
REMBRANDT (LTP-4026 E+)	4.0	4.0	6.0	6.0	7.0	7.0	5.7	5.0	5.0	5.0	5.3	5.8	5.8
MB 215	4.0	4.7	6.3	6.0	7.0	6.3	5.3	5.7	4.7	5.3	5.3	6.0	5.8
SRX 8500	4.0	4.7	5.7	5.3	7.0	6.3	5.7	5.3	5.0	5.0	5.5	5.7	5.8
ISI-TF9	4.0	4.7	6.3	6.3	7.0	7.0	5.7	5.3	4.7	5.0	5.0	5.8	5.7
ATF-022	3.7	4.0	5.7	6.7	7.0	7.0	6.0	5.7	4.7	5.3	5.5	5.8	5.7
SHENANDOAH	3.7	5.0	7.7	6.3	7.0	6.7	5.7	5.3	4.7	5.0	5.0	5.7	5.7
SR 8210	4.0	4.7	6.3	6.3	7.3	6.0	5.0	5.3	4.7	5.0	5.2	5.8	5.7
OFI-FWY	3.7	4.3	6.0	5.7	7.0	6.7	5.7	6.0	5.3	5.7	5.5	5.8	5.6
ANTHEM II (TMI-FMN)	4.3	5.0	6.0	7.0	7.0	6.3	5.0	4.3	4.7	4.3	4.8	5.5	5.6
MB 211	4.0	4.7	6.0	6.3	7.0	6.7	6.0	5.7	5.0	5.7	5.3	5.8	5.6
PRO 8430	4.0	5.0	6.3	6.7	7.0	6.0	4.3	4.7	4.7	4.3	5.0	5.5	5.6
KENTUCKY-31 W/ENDO.	4.0	5.0	7.0	5.7	5.0	6.0	5.0	5.3	4.3	4.7	5.0	5.7	5.6
FALCON II	3.7	4.0	6.7	6.3	7.0	7.0	6.0	5.3	5.0	5.3	5.3	5.5	5.5
LEPRECHAUN	4.3	4.7	6.7	6.0	7.0	6.7	5.0	5.0	4.3	4.7	4.8	5.3	5.5
MB 212	4.3	4.7	6.7	6.0	7.0	6.7	5.7	5.0	4.7	4.7	5.0	5.5	5.5
MB 214	3.7	4.0	5.7	5.3	7.0	6.7	5.7	5.7	5.0	5.3	5.3	5.7	5.5
REGIMENT	3.7	4.3	6.7	6.3	7.0	7.0	5.3	5.0	4.0	4.7	4.7	5.3	5.5
BAR FA 6D	3.7	5.0	5.7	5.7	7.0	7.0	5.0	4.7	4.0	5.0	5.2	5.3	5.5
EC-101	4.7	5.0	6.7	6.0	7.0	6.3	5.0	5.0	4.3	4.7	4.8	5.5	5.5
KITTY HAWK S.S.T. (SS45DW)	3.7	4.7	6.0	5.7	7.0	6.7	5.7	5.3	5.3	5.3	5.3	5.5	5.5
RESERVE (ATF-182)	3.3	4.3	6.0	6.0	7.0	7.0	6.0	5.3	5.0	5.3	5.2	5.5	5.5
R5AU	3.7	4.7	5.7	5.7	7.0	7.0	5.3	4.7	4.7	4.3	5.0	5.2	5.5
EMPRESS	3.7	4.0	6.0	6.0	7.0	7.0	5.3	5.3	4.3	4.7	5.2	5.3	5.5
ISI-TF10	3.7	4.3	5.7	6.0	7.0	6.7	5.7	6.0	5.3	5.7	5.2	5.7	5.5
PSII-TF-9	3.7	4.3	6.3	6.0	7.0	6.7	5.7	5.3	5.0	5.0	4.8	5.5	5.4
BAR FA6 US3	3.7	4.0	5.7	5.3	7.3	5.7	4.3	4.0	4.3	4.7	5.0	5.3	5.4
ATF-038	4.3	4.3	6.0	6.0	7.0	7.0	5.7	5.0	4.7	5.0	4.8	5.7	5.4
MASTERPIECE (LTP-SD-TF)	4.0	4.7	6.3	5.7	7.0	6.7	4.7	5.0	4.7	5.0	4.8	5.5	5.4
CU9501T	4.0	4.3	5.7	5.0	7.0	7.0	5.3	5.7	5.0	5.3	5.2	5.5	5.4
MARKSMAN	4.0	5.0	6.3	6.3	7.0	6.7	4.7	4.7	4.3	4.0	4.7	5.0	5.4
ISI-TF11	4.0	4.3	6.7	6.3	7.0	6.3	5.3	5.0	4.7	5.0	4.8	5.5	5.4
JAGUAR 3	4.0	4.3	6.0	6.0	7.0	7.0	5.7	5.3	4.7	4.7	5.0	5.3	5.4
MB 210	4.0	4.7	6.0	6.0	7.0	6.7	5.3	5.3	4.7	5.0	5.0	5.3	5.4
WOLFPACK (PST-R5TK)	4.0	4.3	6.0	5.7	7.0	7.0	5.7	5.7	5.3	5.3	5.0	5.5	5.4
OFI-96-31	4.0	4.0	5.7	5.3	7.0	6.3	5.0	5.0	4.3	4.0	4.7	5.0	5.3
BAR FA 6LV	4.0	4.3	6.0	6.0	7.0	6.7	5.0	5.0	4.7	4.3	5.0	5.2	5.3
CORONADO	3.7	4.0	5.7	5.7	7.0	6.7	5.7	5.7	5.0	5.0	5.0	5.2	5.3
APACHE II	4.3	4.7	5.7	6.0	7.0	6.7	5.3	5.0	4.3	4.0	4.5	5.2	5.3
PST-5E5	3.7	4.0	6.3	5.7	7.0	6.7	6.0	5.7	5.0	5.0	5.0	5.3	5.3

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN DENSE SHADE AT MISSISSIPPI ST., MS
1997 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SOUTHERN CHOICE	3.3	3.7	6.0	5.7	7.0	7.0	6.0	5.7	4.3	5.0	5.0	5.2	5.3
ALAMO E	4.0	4.3	6.0	5.3	7.0	6.7	5.3	5.7	4.7	4.7	4.8	5.2	5.3
AV-1	4.0	4.7	6.7	6.3	6.3	6.3	4.7	4.7	4.0	4.0	4.2	5.2	5.3
GAZELLE	3.0	4.3	5.7	5.7	7.7	6.7	5.3	5.0	4.7	5.0	5.0	5.3	5.3
ARABIA (J-5)	3.7	3.7	5.3	5.0	7.0	6.7	5.3	5.7	5.0	5.0	5.2	5.3	5.3
DLF-1	3.3	3.3	6.0	5.3	6.0	6.7	6.0	6.0	5.3	5.7	5.2	5.5	5.3
FINELAWN PETITE	3.7	4.0	5.7	5.3	7.0	7.0	5.3	5.7	5.0	5.3	5.0	5.3	5.3
MUSTANG II	3.3	4.0	5.7	5.7	7.0	7.0	6.0	5.7	5.0	5.0	5.0	5.2	5.3
GENESIS	4.0	4.3	6.7	5.7	7.0	7.0	5.7	5.0	4.7	4.7	4.7	5.2	5.3
PST-523	4.0	4.3	6.0	5.3	7.0	7.0	5.7	5.3	5.3	5.3	4.8	5.5	5.3
ATF-192	3.7	4.0	5.7	5.3	7.0	7.0	5.3	5.3	4.3	4.7	5.0	5.0	5.2
PIXIE E+	3.7	4.0	5.7	5.3	7.0	6.3	5.7	5.7	4.7	5.3	5.0	5.3	5.2
JSC-1	3.7	4.3	5.7	6.0	6.7	7.0	5.3	5.3	4.3	5.0	4.8	5.3	5.2
PICK FA 20-92	3.7	3.7	5.7	4.7	7.0	6.3	5.3	5.3	4.3	4.7	4.8	5.0	5.2
ZPS-5LZ	3.7	3.7	5.3	5.3	7.0	6.7	5.0	5.0	4.7	4.3	4.7	5.2	5.2
WVPB-1B	4.0	4.3	6.7	5.7	7.0	7.0	5.7	5.7	5.0	4.7	4.7	5.0	5.2
TULSA	3.3	4.0	5.7	5.3	7.0	6.3	5.7	5.7	5.7	5.3	5.0	5.3	5.2
ATF-188	3.3	4.3	5.7	5.7	7.0	6.7	5.7	5.7	5.0	5.3	4.7	5.3	5.2
GOOD-EN (KOOS 94-14)	3.7	3.7	6.0	5.3	7.0	6.7	5.7	5.7	5.3	5.0	4.8	5.3	5.2
EA 41	4.0	4.0	6.0	5.3	7.0	6.7	5.7	5.7	4.3	5.3	4.7	5.3	5.2
TA-7	4.0	4.0	5.7	5.3	7.0	7.0	5.3	5.3	4.7	4.7	4.5	5.2	5.2
BAR FA6D USA	3.0	3.0	5.7	4.3	6.0	6.3	5.3	5.3	4.7	4.7	5.0	5.2	5.2
PST-5TO	3.3	3.7	5.7	5.7	7.0	6.7	5.0	5.7	5.0	5.3	5.2	5.2	5.2
AA-983	3.3	3.7	5.7	5.0	7.0	7.0	6.0	5.7	5.0	5.0	5.0	5.0	5.1
BANDANA (PST-R5AE)	3.7	4.0	6.0	5.7	7.0	7.0	6.0	5.7	5.7	5.3	5.3	5.0	5.1
DUSTER	3.7	3.7	5.3	5.3	7.0	6.7	5.7	5.7	5.3	5.0	4.8	5.2	5.1
SRX 8084	3.7	4.0	6.0	5.7	7.0	7.0	5.3	5.3	5.0	4.7	4.8	5.0	5.1
SUNPRO	3.3	4.0	5.7	5.7	7.0	6.7	5.7	5.3	5.0	5.0	4.8	5.2	5.1
PICK GA-96	3.0	3.7	5.7	5.0	7.0	6.3	5.3	5.3	4.7	5.0	5.0	5.2	5.1
AZTEC II (TMI-AZ)	4.0	4.7	6.7	6.7	7.0	6.7	5.0	4.0	4.3	4.0	4.3	4.8	5.1
PICK RT-95	3.7	4.0	5.7	4.7	6.7	7.3	5.7	5.7	4.7	5.0	4.8	5.2	5.1
REBEL SENTRY (AA-A91)	3.7	4.3	5.7	5.0	7.0	7.0	5.7	5.7	4.7	5.0	4.5	5.2	5.1
OFI-96-32	4.0	4.3	6.0	6.3	7.0	6.7	5.0	4.7	4.3	4.3	4.5	4.8	5.1
JTTFC-96	3.3	4.0	5.7	6.0	7.0	7.0	5.7	5.7	5.0	5.0	4.8	5.2	5.1
LION	3.3	4.0	5.7	5.3	7.0	7.0	6.0	5.7	4.7	4.7	4.7	5.0	5.1
REBEL 2000 (AA-989)	3.3	4.0	5.7	5.3	6.7	6.3	5.7	5.3	5.3	5.7	5.0	5.5	5.1
BAR FA6 US1	3.7	4.0	5.7	4.7	6.3	6.7	5.7	5.7	5.0	5.0	5.0	5.2	5.1
RENEGADE	3.7	4.0	6.0	5.7	7.0	7.0	5.7	5.3	4.3	4.7	4.7	5.0	5.1
TOMAHAWK-E	3.3	4.0	5.3	5.7	7.0	6.7	5.3	5.3	5.0	5.0	4.8	5.2	5.1
PST-5M5	4.0	4.3	5.7	5.7	7.0	7.0	5.7	5.7	5.0	4.7	4.7	5.0	5.1
ARID 3 (J-98)	3.3	4.0	5.7	5.0	7.0	7.0	5.3	5.0	4.3	4.3	4.7	4.8	5.1
DP 50-9011	3.3	4.0	6.3	5.7	7.0	6.7	5.3	5.3	4.7	4.3	4.8	4.7	5.1
PSII-TF-10	3.3	4.0	5.7	5.7	7.0	7.0	5.7	5.7	4.7	5.0	4.8	5.0	5.1
CORONADO GOLD (PST-SRT)	4.3	4.7	6.0	5.3	7.0	7.0	5.3	5.0	4.7	4.7	4.5	5.0	5.1
COCHISE II	3.7	4.0	5.7	5.0	7.0	6.7	5.3	5.7	4.7	5.0	5.0	5.0	5.0

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN DENSE SHADE AT MISSISSIPPI ST., MS
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MILLENNIUM (TMI-RBR)	3.7	3.3	5.3	5.0	7.0	7.0	6.0	6.0	5.3	5.3	5.0	5.2	5.0
PC-AO	4.0	4.3	6.3	6.0	6.7	6.3	5.3	4.7	4.7	5.0	4.3	5.3	5.0
TWILIGHT II (TMI-TW)	3.3	4.7	5.3	4.7	7.0	7.0	5.7	5.3	5.0	5.0	4.7	5.2	5.0
WVPB-1D	3.3	4.0	6.0	5.7	6.7	6.7	5.7	5.0	5.0	5.0	4.8	5.0	5.0
MB 29	3.0	3.3	5.7	5.3	7.0	7.0	6.0	6.0	5.3	5.3	5.0	5.0	5.0
ATF-257	3.7	4.3	5.7	5.7	6.7	7.0	5.0	5.0	4.3	5.0	5.0	4.8	5.0
PICK FA B-93	3.7	4.3	5.3	5.3	7.0	6.7	4.3	5.3	4.7	4.7	4.3	5.2	5.0
CU9502T	3.0	3.7	6.0	5.3	7.0	6.7	6.0	5.7	5.0	5.0	4.7	5.0	5.0
JTTFA-96	3.7	4.3	6.3	6.0	6.3	6.7	5.3	5.0	4.3	4.7	4.5	4.7	5.0
OFI-931	3.7	4.0	6.0	6.0	7.0	6.7	5.3	5.3	4.3	4.3	4.5	4.7	5.0
OFI-951	3.7	3.7	5.3	5.3	7.0	6.3	4.3	4.7	4.3	4.0	4.5	4.8	5.0
BONSAI 2000 (BULLET)	4.0	4.3	5.7	6.0	7.0	6.7	4.7	4.7	4.0	4.0	4.3	4.7	5.0
MB 213	3.7	4.0	5.7	5.0	7.0	6.3	6.0	5.0	4.3	3.7	4.3	4.7	4.9
WPEZE (WVPB-1C)	3.3	3.7	5.7	5.0	6.7	7.0	5.7	5.7	4.7	5.0	4.7	5.0	4.9
BRAVO (RG-93)	4.3	4.7	6.3	6.0	6.7	6.7	4.7	4.7	4.3	4.0	4.0	4.8	4.9
MB 28	3.7	4.0	5.7	5.7	7.0	7.0	5.3	5.3	4.7	4.7	4.5	4.8	4.9
DP 7952	3.3	3.7	6.0	5.7	6.0	6.0	5.3	5.3	3.7	4.3	4.5	4.7	4.9
WRS2	3.0	3.7	5.7	5.3	7.0	7.0	6.0	5.7	4.7	5.3	4.7	5.0	4.9
TAR HEEL	3.0	3.3	5.7	4.7	7.0	7.0	5.7	5.7	5.0	4.7	4.8	4.7	4.9
ATF-196	3.3	3.3	5.3	4.7	7.0	7.0	6.0	5.7	5.0	5.3	4.7	5.2	4.9
MB 26	3.0	3.7	5.3	4.7	7.0	7.0	5.7	5.7	5.0	4.7	4.5	5.0	4.9
SHORTSTOP II	3.0	4.0	5.3	4.7	7.0	6.0	5.3	4.7	4.3	4.7	4.2	5.0	4.9
COMSTOCK (SSDE31)	3.7	4.3	6.3	5.7	7.0	6.3	5.7	5.0	4.7	4.7	4.7	4.7	4.9
ATF-253	3.3	4.0	5.3	5.3	6.7	7.0	4.7	5.0	4.7	5.0	4.3	5.0	4.8
BAR FA6 US6F	3.0	3.7	5.7	5.0	7.0	6.3	5.0	5.3	4.3	4.3	4.2	4.8	4.8
CROSSFIRE II	3.7	4.0	5.7	5.7	7.0	6.3	5.3	4.7	4.7	4.7	4.3	4.8	4.8
ATF-020	3.3	3.3	5.3	5.7	7.0	7.0	5.0	5.3	4.0	4.0	4.5	4.5	4.8
BAR FA6 US2U	3.3	4.0	5.3	5.0	7.0	7.0	5.7	5.3	5.0	5.0	4.5	4.8	4.8
MB 216	3.3	3.7	5.0	5.7	7.0	6.7	5.7	5.3	5.0	5.0	4.5	5.0	4.8
PICK FA 6-91	3.7	3.3	5.3	4.7	6.7	7.0	5.7	5.0	4.3	5.0	4.5	4.8	4.8
ARID 2 (J-3)	3.7	3.7	5.7	5.3	7.0	6.0	4.3	4.3	3.7	4.3	4.2	4.8	4.8
COYOTE	3.3	3.3	5.3	4.3	6.7	7.0	5.7	5.3	4.7	5.0	4.3	5.0	4.8
ZPS-2PTF	3.7	4.0	5.7	4.7	7.0	6.3	5.3	5.0	4.7	4.7	4.2	4.7	4.7
BONSAI	3.3	3.3	5.7	5.7	7.0	6.0	5.0	4.7	4.3	4.0	3.8	4.5	4.7
PICK FA XK-95	3.0	3.0	5.0	4.7	7.0	6.3	5.3	5.3	5.0	5.0	4.5	4.8	4.7
EQUINOX (TMI-N91)	4.0	4.0	5.7	5.3	6.7	6.3	4.7	4.7	4.3	3.3	3.8	4.0	4.6
WX3-275	3.7	3.7	5.3	4.7	7.0	7.0	5.7	5.7	5.0	4.7	4.0	4.5	4.6
PICK FA 15-92	3.7	3.3	4.7	4.7	6.7	6.0	4.3	4.7	4.0	4.7	4.0	4.8	4.5
PICK FA N-93	3.0	3.3	4.7	4.3	5.7	6.0	4.7	4.7	4.0	4.0	4.0	4.5	4.4
PICK FA UT-93	2.3	3.0	4.3	4.7	5.7	6.0	4.7	4.7	4.7	4.0	3.5	4.2	4.0
LSD VALUE	1.1	1.2	1.1	1.3	0.5	0.8	1.2	1.3	1.3	1.4	1.4	1.2	1.0
C.V. (%)	19.0	18.5	12.1	15.1	4.8	7.4	14.1	14.9	17.0	18.1	24.8	20.8	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.

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MEAD, NE 1/
1997 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PLANTATION (PENNINGTON-1901)	4.0	5.7	8.3	8.7	7.7	7.7	7.3	7.0
ATF-022	3.0	5.3	8.0	8.7	7.7	7.3	7.0	6.7
MB 29	3.0	5.3	8.3	9.0	7.3	6.0	7.7	6.7
MILLENNIUM (TMI-RBR)	3.7	5.0	7.0	8.7	7.7	7.3	7.3	6.7
JAGUAR 3	3.0	5.3	7.0	8.0	7.3	7.7	8.0	6.6
ZPS-2PTF	2.7	5.3	8.3	8.3	7.3	7.0	7.3	6.6
GAZELLE	3.0	5.3	7.0	8.3	7.0	7.3	8.0	6.6
SUNPRO	2.7	5.3	7.0	8.3	8.0	6.7	7.7	6.5
OFI-931	2.7	5.0	7.7	8.7	6.7	7.0	7.7	6.5
MB 216	3.3	5.3	7.3	8.3	7.3	6.3	7.0	6.4
BAR FA 6LV	2.7	5.0	6.7	8.7	7.0	7.3	7.3	6.4
TOMAHAWK-E	3.0	4.7	7.3	9.0	7.3	6.3	7.0	6.4
ZPS-5LZ	3.0	5.0	7.0	8.7	6.3	7.0	7.7	6.4
COYOTE	3.3	4.7	7.0	8.3	6.7	6.7	7.7	6.3
CU9501T	2.7	5.3	7.0	7.7	7.3	7.3	7.0	6.3
PICK GA-96	3.0	5.0	7.0	8.3	6.3	7.3	7.3	6.3
PICK RT-95	2.7	4.7	7.3	8.0	7.7	6.7	7.3	6.3
SRX 8500	3.0	5.0	6.3	7.7	7.7	7.3	7.3	6.3
ATF-038	3.3	5.3	7.0	8.0	6.7	6.7	7.0	6.3
FINELAWN PETITE	3.0	5.0	7.0	8.0	7.3	6.7	7.0	6.3
MB 215	2.7	5.0	7.3	8.7	6.7	6.3	7.3	6.3
ATF-020	2.7	4.3	7.3	9.0	7.0	6.3	7.3	6.3
BAR FA6 US1	3.0	4.7	6.3	8.0	7.3	7.7	7.0	6.3
CU9502T	2.3	5.3	6.3	7.7	8.0	7.0	7.0	6.2
GENESIS	3.0	5.0	8.3	7.7	6.3	6.3	7.0	6.2
PIXIE E+	3.3	5.0	7.0	8.3	7.0	6.3	6.7	6.2
REBEL SENTRY (AA-A91)	3.0	5.3	6.7	8.3	6.7	6.7	7.0	6.2
REMBRANDT (LTP-4026 E+)	3.0	4.7	6.3	8.3	7.3	6.3	7.7	6.2
J-101	3.3	4.7	6.7	8.3	6.3	7.0	7.0	6.2
PICK FA N-93	2.7	5.0	6.3	8.3	7.0	6.3	7.7	6.2
EC-101	3.3	5.0	7.0	8.0	6.7	6.7	6.7	6.2
SOUTHERN CHOICE	2.7	5.0	7.0	8.3	6.7	6.7	7.0	6.2
ARID 2 (J-3)	3.0	4.7	7.0	8.0	6.3	7.0	7.0	6.1
ARID 3 (J-98)	2.7	5.0	7.0	8.0	6.7	6.7	7.0	6.1
MB 214	3.3	3.7	7.0	8.0	7.3	6.7	7.0	6.1
PST-5M5	2.7	5.0	6.3	8.0	7.3	6.7	7.0	6.1
DUSTER	3.0	5.0	6.7	7.7	6.7	6.7	7.3	6.1
WVPB-1D	3.0	4.7	7.7	8.7	6.3	6.0	6.7	6.1
MB 26	2.7	4.7	7.3	8.0	6.7	6.3	7.0	6.1
OFI-96-31	2.3	4.7	6.7	8.3	6.7	7.0	7.0	6.1
PST-5E5	2.3	4.3	7.7	8.7	6.3	6.3	7.0	6.1
RESERVE (ATF-182)	2.3	5.3	6.7	8.3	6.7	6.3	7.0	6.1
BAR FA 6D	2.7	4.7	5.7	8.3	6.7	6.7	7.7	6.0
MARKSMAN	2.7	5.0	7.7	7.7	6.7	6.0	6.7	6.0

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT MEAD, NE
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PICK FA 6-91	3.0	4.7	6.0	8.0	7.0	6.3	7.3	6.0
TA-7	2.7	5.0	7.3	8.0	6.7	5.7	7.0	6.0
WRS2	2.3	4.3	6.7	8.3	6.3	6.7	7.7	6.0
WPEZE (WVPB-1C)	3.0	4.3	6.0	8.3	7.3	6.3	7.0	6.0
CROSSFIRE II	2.7	4.3	7.3	8.0	6.0	6.3	7.3	6.0
MB 211	3.0	5.0	5.7	8.3	6.7	6.3	7.0	6.0
PC-AO	2.7	4.7	7.0	8.0	6.3	6.3	7.0	6.0
PICK FA B-93	2.7	4.7	6.7	7.7	7.0	6.3	7.0	6.0
AA-983	2.7	4.7	6.7	8.0	6.3	6.3	7.0	6.0
ATF-196	2.7	4.3	6.7	8.0	6.7	6.3	7.0	6.0
BAR FA6 US2U	2.7	4.7	6.0	8.3	6.3	6.3	7.3	6.0
SRX 8084	2.3	5.0	7.3	7.7	6.7	6.3	6.3	6.0
MB 28	2.3	5.0	6.3	8.3	6.3	6.0	7.3	6.0
EMERESS	2.3	4.7	6.0	8.0	7.0	6.3	7.0	5.9
MB 212	3.0	4.3	5.7	8.0	6.3	6.7	7.3	5.9
PRO 8430	2.7	4.7	7.0	7.7	6.7	6.0	6.7	5.9
ALAMO E	3.0	4.7	6.0	7.7	6.0	6.7	7.0	5.9
OFI-FWY	2.3	4.7	7.0	8.0	6.0	6.7	6.3	5.9
APACHE II	2.3	4.7	6.3	8.3	6.0	6.7	6.7	5.9
BAR FA6 US3	2.7	4.3	7.0	7.3	6.3	6.0	7.3	5.9
PSII-TF-9	2.7	5.0	6.3	7.3	6.3	6.7	6.7	5.9
REBEL 2000 (AA-989)	2.0	4.7	6.7	8.3	6.3	6.0	7.0	5.9
LEPRECHAUN	2.7	4.7	5.7	8.0	6.7	6.7	6.3	5.8
SR 8210	2.3	4.7	6.3	8.0	6.3	6.0	7.0	5.8
CORONADO	2.3	4.7	6.7	8.3	6.0	6.0	6.7	5.8
PICK FA 20-92	2.7	4.3	6.0	7.7	6.7	6.7	6.7	5.8
BAR FA6 US6F	2.3	4.7	6.3	8.3	6.0	5.7	7.0	5.8
ISI-TF10	2.0	4.0	6.3	8.0	6.3	6.3	7.3	5.8
JSC-1	2.3	5.0	6.7	7.7	6.0	6.0	6.7	5.8
OFI-951	2.0	4.0	6.0	8.3	6.7	6.7	6.7	5.8
PSII-TF-10	2.7	4.7	6.3	7.7	6.3	6.0	6.7	5.8
SHENANDOAH	2.7	4.7	5.3	7.7	6.7	6.3	7.0	5.8
BONSAI	2.3	4.0	6.3	8.0	5.7	6.3	7.3	5.7
ATF-253	2.0	4.0	6.3	7.7	6.0	6.7	7.3	5.7
FALCON II	2.7	4.3	6.3	7.7	6.0	6.3	6.7	5.7
GOOD-EN (KOOS 94-14)	2.7	4.7	6.0	7.3	6.0	6.3	7.0	5.7
OFI-96-32	2.3	5.0	6.0	7.7	5.7	6.7	6.7	5.7
ATF-188	2.3	4.7	6.7	8.0	5.7	5.7	6.7	5.7
BAR FA6D USA	2.0	4.3	5.7	7.7	6.3	6.3	7.3	5.7
CORONADO GOLD (PST-5RT)	2.3	4.7	6.7	8.3	5.3	5.7	6.7	5.7
MASTERPIECE (LTP-SD-TF)	2.0	4.0	5.3	8.0	6.7	6.7	7.0	5.7
WVFB-1B	3.0	4.0	6.0	8.0	6.0	6.0	6.7	5.7
WX3-275	2.7	4.3	6.7	7.7	6.0	5.7	6.7	5.7
COMSTOCK (SSDE31)	2.7	4.3	6.3	7.7	5.7	5.7	7.0	5.6
MB 210	2.3	4.3	5.7	8.0	6.0	6.3	6.7	5.6

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT MEAD, NE
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PICK FA 15-92	2.7	4.7	6.3	7.3	5.0	6.3	7.0	5.6
ISI-TF11	2.3	4.3	6.0	7.7	6.0	6.0	6.7	5.6
ISI-TF9	2.3	4.3	5.7	7.3	6.3	5.7	7.3	5.6
PST-523	2.3	4.7	5.7	7.7	5.7	6.0	7.0	5.6
RENEGADE	2.0	4.3	6.3	7.7	6.3	5.7	6.7	5.6
AZTEC II (TMI-AZ)	2.3	4.0	5.3	7.7	6.3	6.0	7.0	5.5
BONSAI 2000 (BULLET)	2.3	3.7	5.7	8.0	6.0	6.3	6.7	5.5
EA 41	1.7	4.0	6.3	8.3	5.7	6.0	6.7	5.5
SAFARI	2.3	4.0	6.0	7.0	5.7	6.3	7.3	5.5
TULSA	2.7	4.3	5.7	7.7	5.7	6.0	6.7	5.5
MB 213	2.3	4.3	6.7	7.3	5.7	5.0	6.7	5.4
BRAVO (RG-93)	2.0	4.7	6.0	7.7	5.7	5.3	6.7	5.4
MUSTANG II	2.3	4.3	5.7	7.3	6.0	6.0	6.3	5.4
SHORTSTOP II	2.0	4.0	5.7	7.0	5.7	6.3	7.3	5.4
TAR HEEL	2.0	4.0	5.7	7.7	5.7	6.0	7.0	5.4
ARABIA (J-5)	2.3	4.3	5.3	7.3	5.7	5.7	7.0	5.4
WOLFPAK (PST-R5TK)	2.0	4.0	5.7	7.7	6.0	6.0	6.3	5.4
JTFC-96	2.0	4.0	6.0	7.3	5.7	6.3	6.3	5.4
TITAN 2	2.3	4.0	6.7	7.3	6.0	5.7	5.7	5.4
ATF-257	2.0	4.3	6.0	7.3	5.0	6.0	6.7	5.3
REGIMENT	1.7	4.0	5.7	7.0	6.0	6.7	6.3	5.3
ANTHEM II (TMI-FMN)	1.7	4.3	6.3	7.3	5.7	5.3	6.3	5.3
PICK FA XK-95	1.7	4.0	5.3	7.3	6.0	5.7	6.7	5.2
AV-1	2.3	4.7	6.0	7.0	5.3	5.0	6.3	5.2
ATF-192	1.7	4.3	5.7	7.0	5.3	5.7	6.7	5.2
PST-STO	1.7	4.0	5.3	7.3	5.7	5.7	6.7	5.2
TWILIGHT II (TMI-TW)	1.7	4.0	6.0	7.3	5.0	5.7	6.7	5.2
DLF-1	2.3	4.0	5.7	7.0	5.3	5.3	6.7	5.2
COCHISE II	1.3	4.0	5.7	7.3	5.3	5.7	6.7	5.1
R5AU	1.7	4.0	5.0	6.3	5.7	6.3	7.0	5.1
EQUINOX (TMI-N91)	2.3	4.0	5.0	7.0	5.0	5.7	7.0	5.1
LION	1.3	3.3	5.7	7.7	5.7	6.0	6.3	5.1
KITTY HAWK S.S.T. (SS45DW)	1.7	4.3	5.3	6.7	5.0	6.0	6.3	5.0
ARID	1.7	4.3	5.7	7.0	5.3	5.3	5.7	5.0
BANDANA (PST-R5AE)	1.3	3.7	5.7	7.3	5.7	4.7	6.3	5.0
DP 7952	1.7	4.3	5.0	6.3	5.3	5.3	6.0	4.9
PICK FA UT-93	2.0	3.7	5.0	7.0	5.0	4.7	6.7	4.9
DP 50-9011	1.0	3.7	5.3	6.7	5.0	5.7	6.7	4.9
JTFA-96	1.0	3.3	5.0	6.7	5.3	5.0	5.0	4.5
KENTUCKY-31 W/ENDO.	1.3	2.3	4.7	5.3	3.3	4.0	4.7	3.7
LSD VALUE	1.0	0.9	1.6	1.1	1.3	1.3	0.9	0.8
C.V. (%)	24.7	12.1	15.9	8.4	12.8	12.5	8.3	8.3

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN ON A ROADSIDE AT BLACKSTONE, VA 1/
1997 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
GENESIS	7.0	8.7	8.7	8.7	8.0	8.3	8.7	8.3
TITAN 2	7.0	9.0	9.0	9.0	7.7	8.0	8.3	8.3
ISI-TF11	6.3	9.0	8.3	9.0	8.0	8.0	8.3	8.1
JAGUAR 3	6.3	8.7	8.7	8.3	8.0	8.0	9.0	8.1
KENTUCKY-31 W/ENDO.	7.0	9.0	9.0	8.7	8.0	8.0	7.0	8.1
SHENANDOAH	7.0	8.7	8.7	8.7	8.0	7.7	8.0	8.1
ATF-192	7.3	8.0	8.0	9.0	7.7	7.7	8.7	8.0
REGIMENT	7.3	8.0	8.7	8.7	7.3	7.3	9.0	8.0
PRO 8430	6.0	8.7	8.7	8.3	7.7	8.0	9.0	8.0
AZTEC II (TMI-AZ)	6.7	8.3	8.0	8.7	8.0	8.0	8.3	8.0
ISI-TF9	5.7	8.3	9.0	8.0	8.0	8.3	8.7	8.0
SRX 8084	6.0	8.3	9.0	9.0	7.3	8.0	8.3	8.0
DP 7952	6.0	9.0	8.7	9.0	8.0	8.0	7.0	8.0
KITTY HAWK S.S.T. (SS45DW)	6.0	7.3	8.7	9.0	8.0	7.7	9.0	8.0
PSII-TF-9	6.0	8.0	8.7	8.7	8.0	7.7	8.7	8.0
PST-523	6.3	8.0	8.3	8.7	7.7	7.7	9.0	8.0
RENEGADE	5.7	8.3	8.7	8.3	8.0	8.0	8.7	8.0
EA 41	5.7	7.0	8.3	9.0	8.3	8.3	9.0	8.0
TAR HEEL	6.0	8.0	8.7	8.7	8.0	7.7	8.3	7.9
ZPS-2PTF	5.7	7.3	8.7	8.7	8.0	8.0	9.0	7.9
ARID	6.3	8.3	8.0	8.7	8.0	8.0	7.7	7.9
JTTFC-96	5.7	8.7	8.3	9.0	8.0	8.0	7.3	7.9
MUSTANG II	6.0	7.7	7.7	9.0	8.0	8.0	8.3	7.8
PLANTATION (PENNINGTON-1901)	6.0	8.0	8.3	8.7	7.7	7.7	8.3	7.8
ATF-257	5.7	8.3	8.3	8.7	8.0	7.3	8.3	7.8
BONSAI 2000 (BULLET)	5.3	8.0	8.3	8.7	8.3	8.0	8.0	7.8
ISI-TF10	6.3	8.0	8.0	9.0	7.7	7.7	8.0	7.8
COMSTOCK (SSDE31)	5.3	8.0	8.0	8.3	8.0	8.0	8.7	7.8
FINELAWN PETITE	6.0	8.0	8.3	8.7	7.7	7.0	8.7	7.8
JTTFA-96	6.3	8.0	8.0	8.3	7.7	8.0	8.0	7.8
PIXIE E+	4.7	8.3	8.3	8.7	7.7	8.0	8.7	7.8
APACHE II	6.3	7.7	8.0	8.7	7.7	7.3	8.7	7.8
BANDANA (PST-R5AE)	5.3	7.7	8.7	8.3	8.0	7.7	8.7	7.8
CU9502T	6.0	7.7	8.7	8.7	8.0	8.0	7.3	7.8
LEPRECHAUN	6.0	7.3	8.7	8.3	7.3	7.7	9.0	7.8
PICK RT-95	6.3	7.0	8.0	8.7	8.0	7.7	8.7	7.8
SAFARI	7.0	8.3	8.0	8.3	7.7	7.7	7.3	7.8
WVPB-1B	5.3	7.3	8.7	8.3	8.0	8.0	8.7	7.8
ANTHEM II (TMI-FMN)	5.3	8.0	7.7	9.0	8.0	7.7	8.3	7.7
AV-1	4.3	7.7	7.7	8.7	8.7	8.7	8.3	7.7
COCHISE II	4.7	7.0	8.7	9.0	7.7	8.0	9.0	7.7
DUSTER	5.7	7.3	7.7	8.7	8.0	8.0	8.7	7.7
EQUINOX (TMI-N91)	6.3	8.3	8.3	8.0	7.0	7.3	8.7	7.7
FALCON II	6.7	7.7	7.7	8.7	7.7	7.3	8.3	7.7
ATF-188	5.3	8.0	8.3	9.0	7.7	7.3	8.0	7.7

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A ROADSIDE AT BLACKSTONE, VA
1997 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF-1	5.7	8.0	8.3	8.3	7.3	7.7	8.3	7.7
OFI-96-32	5.3	7.0	8.3	8.7	7.7	8.0	8.7	7.7
EC-101	5.0	7.0	8.3	9.0	8.0	7.7	8.3	7.6
MARKSMAN	5.3	7.0	8.3	8.7	8.0	8.0	8.0	7.6
MB 215	5.7	8.0	8.0	7.7	7.7	7.7	8.7	7.6
OFI-FWY	6.0	6.7	8.0	8.3	7.7	8.0	8.7	7.6
R5AU	5.3	7.0	8.0	8.7	8.0	8.0	8.3	7.6
BAR FA6D USA	5.7	6.7	8.3	8.7	8.0	7.3	8.3	7.6
CORNADO GOLD (PST-5RT)	6.0	8.3	8.0	8.0	7.7	6.7	8.3	7.6
WX3-275	5.3	7.3	8.0	8.7	7.7	7.3	8.7	7.6
EMPRESS	4.7	7.0	8.3	8.3	8.0	7.7	8.7	7.5
PST-5E5	4.7	7.0	8.3	8.7	7.7	7.7	8.7	7.5
SRX 8500	6.0	6.3	8.0	9.0	7.3	7.7	8.3	7.5
ALAMO E	6.7	8.0	7.3	8.0	7.0	7.0	8.7	7.5
ATF-020	5.3	7.7	8.0	8.7	7.7	6.7	8.7	7.5
CORNADO	4.3	8.0	8.3	8.7	7.0	7.7	8.7	7.5
JSC-1	4.0	7.3	8.3	8.7	8.0	8.3	8.0	7.5
MASTERPIECE (LTP-SD-TF)	4.7	6.3	8.3	8.3	8.3	7.7	9.0	7.5
MILLENNIUM (TMI-RBR)	5.0	6.7	8.3	9.0	7.3	8.0	8.3	7.5
PC-AO	6.3	7.0	7.3	8.7	7.0	7.3	9.0	7.5
SOUTHERN CHOICE	5.3	7.0	8.3	8.0	7.7	7.7	8.7	7.5
SR 8210	5.0	7.3	8.7	8.0	7.7	7.3	8.7	7.5
DP 50-9011	5.3	7.3	8.0	8.3	7.3	7.7	8.3	7.5
MB 28	6.0	7.0	7.7	8.3	7.7	7.3	8.3	7.5
TA-7	5.0	7.0	7.7	9.0	7.7	7.3	8.7	7.5
TOMAHAWK-E	4.7	7.3	8.0	8.7	7.7	7.7	8.3	7.5
WVPB-1D	5.7	7.3	8.0	8.0	7.7	7.3	8.3	7.5
ATF-022	5.0	6.7	8.0	8.3	8.0	7.3	8.7	7.4
BRAVO (RG-93)	5.7	7.7	7.7	8.0	7.7	7.0	8.3	7.4
LION	4.3	6.7	8.0	8.7	8.0	8.3	8.0	7.4
PST-5TO	4.7	7.3	8.3	9.0	7.3	7.0	8.3	7.4
TWILIGHT II (TMI-TW)	4.0	7.7	8.3	8.3	7.7	7.7	8.3	7.4
WRS2	5.3	7.7	7.7	8.3	7.0	7.3	8.7	7.4
MB 211	5.3	6.7	8.0	8.3	7.0	7.3	9.0	7.4
MB 212	5.7	7.0	8.3	8.0	7.0	7.3	8.3	7.4
BAR FA 6LV	4.7	7.7	8.0	8.7	7.3	7.0	8.3	7.4
CU9501T	5.7	7.0	8.3	8.7	7.3	6.3	8.3	7.4
MB 216	5.7	7.3	8.0	7.7	7.3	7.0	8.7	7.4
PICK FA XK-95	5.0	6.3	7.7	8.7	7.7	7.7	8.7	7.4
BAR FA6 US6F	5.3	7.3	7.3	8.3	7.7	7.0	8.3	7.3
MB 214	5.3	6.7	8.0	9.0	7.3	6.7	8.3	7.3
PICK FA B-93	4.3	6.7	8.0	7.7	7.7	8.0	9.0	7.3
PST-5M5	5.3	7.3	8.3	8.3	7.0	7.0	8.0	7.3
BAR FA 6D	5.3	7.0	7.7	8.7	7.3	6.3	8.7	7.3
OFI-951	5.3	6.7	8.0	9.0	6.7	6.7	8.7	7.3

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A ROADSIDE AT BLACKSTONE, VA
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS								
NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
WOLFPACK (PST-R5TK)	5.0	7.0	8.0	8.0	7.3	7.0	8.7	7.3
BAR FA6 US1	5.7	6.7	7.7	8.7	7.0	6.3	8.7	7.2
CROSSFIRE II	4.0	7.0	8.0	8.3	7.7	7.3	8.3	7.2
PICK GA-96	4.0	6.7	7.7	8.7	7.7	7.3	8.7	7.2
COYOTE	4.7	7.0	7.7	8.3	7.7	7.3	8.0	7.2
MB 26	4.7	7.0	7.3	8.7	7.0	7.0	9.0	7.2
OFI-96-31	4.0	7.0	8.0	8.0	7.0	7.7	8.7	7.2
REBEL SENTRY (AA-A91)	4.7	6.3	8.0	8.3	7.3	7.0	8.7	7.2
BAR FA6 US2U	4.7	6.7	7.7	8.3	7.3	6.7	9.0	7.2
MB 210	5.3	6.7	7.3	8.3	7.3	7.0	8.3	7.2
ATF-253	4.7	7.0	8.0	7.7	7.3	6.7	8.7	7.1
BAR FA6 US3	4.7	7.0	7.7	8.3	8.0	6.7	7.7	7.1
REMERANDT (LTP-4026 E+)	4.7	6.7	7.0	8.3	7.7	7.3	8.3	7.1
PSII-TF-10	3.7	6.7	8.3	7.7	7.7	8.0	8.0	7.1
ZPS-5LZ	4.7	6.0	7.7	8.7	7.7	7.0	8.3	7.1
J-101	4.7	6.7	7.7	8.0	7.3	6.7	8.7	7.1
OFI-931	4.7	6.3	7.7	8.7	7.0	6.7	8.7	7.1
TULSA	5.0	6.3	8.0	7.3	7.3	7.3	8.3	7.1
BONSAI	4.0	6.7	7.7	8.3	7.7	7.3	7.7	7.0
GOOD-EN (KOOS 94-14)	5.3	6.7	7.3	8.0	6.7	6.3	9.0	7.0
SUNERO	4.0	6.7	7.0	8.7	7.3	7.7	8.0	7.0
WPEZE (WVPB-1C)	4.3	6.7	7.7	8.3	7.3	6.7	8.3	7.0
ARID 3 (J-98)	5.3	5.7	7.3	8.0	7.3	6.7	8.3	7.0
MB 213	5.0	6.3	7.7	8.0	6.7	7.0	7.7	6.9
RESERVE (ATF-182)	5.0	6.3	7.7	7.7	6.3	7.0	8.0	6.9
ARABIA (J-5)	4.0	6.7	6.7	8.3	7.7	6.3	8.0	6.8
SHORTSTOP II	4.0	5.3	7.0	8.7	7.3	7.0	8.3	6.8
AA-983	4.0	6.0	7.3	8.0	7.0	7.0	8.0	6.8
ARID 2 (J-3)	4.7	6.7	6.3	8.0	7.0	6.3	8.3	6.8
MB 29	4.7	6.3	8.0	8.7	5.7	6.3	7.7	6.8
PICK FA 6-91	4.0	6.7	7.0	8.3	6.7	6.3	8.3	6.8
ATF-038	3.7	6.0	6.7	8.3	7.7	6.3	8.3	6.7
PICK FA 20-92	4.0	6.0	7.7	8.0	6.7	6.7	8.0	6.7
REBEL 2000 (AA-989)	4.0	6.0	7.3	8.3	7.0	6.3	8.0	6.7
ATF-196	3.7	5.7	6.3	8.3	6.3	7.3	8.3	6.6
PICK FA 15-92	4.0	5.7	6.7	7.7	6.3	7.0	8.0	6.5
PICK FA UT-93	3.7	5.3	7.3	8.0	7.0	5.7	8.0	6.4
PICK FA N-93	3.0	5.3	7.7	8.0	6.3	5.7	8.7	6.4
GAZELLE	3.3	5.7	6.7	7.0	6.3	6.3	7.3	6.1
LSD VALUE	1.8	1.5	1.5	1.1	1.2	1.2	1.2	0.8
C.V. (%)	21.6	13.0	11.8	8.4	9.6	10.4	8.6	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.

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
AT DIFFERENT NITROGEN LEVELS
1997 DATA

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

NAME	NITROGEN LEVEL (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	0.0-2.0	2.1-3.0	3.1-4.0	4.1+	
PLANTATION (PENNINGTON-1901)	5.0	5.6	6.6	5.6	6.1
MILLENNIUM (TMI-RBR)	4.6	5.4	6.7	5.6	6.1
REMBRANDT (LTP-4026 E+)	4.8	5.6	6.7	5.5	6.1
ARID 3 (J-98)	4.4	5.5	6.6	5.3	6.0
REBEL SENTRY (AA-A91)	5.0	5.5	6.5	5.1	5.9
SOUTHERN CHOICE	5.0	5.2	6.5	5.2	5.9
MB 29	4.8	5.6	6.3	5.4	5.9
RENEGADE	5.3	5.3	6.4	5.2	5.9
ZPS-2PTF	4.4	5.6	6.4	5.2	5.8
MB 26	4.2	5.4	6.4	5.3	5.8
CU9501T	5.0	5.5	6.4	4.9	5.8
J-101	4.8	5.4	6.4	5.0	5.8
GENESIS	4.9	5.1	6.4	5.1	5.8
OFI-96-31	4.7	5.3	6.4	5.1	5.8
SHENANDOAH	5.7	5.2	6.3	5.0	5.8
MB 214	4.5	5.4	6.3	5.2	5.8
MB 28	4.9	5.3	6.3	5.1	5.8
CU9502T	4.2	5.4	6.5	5.0	5.8
WRS2	4.5	5.3	6.3	5.2	5.8
CROSSFIRE II	4.7	5.3	6.3	5.2	5.8
MUSTANG II	5.3	5.1	6.4	4.8	5.8
MASTERPIECE (LTP-SD-TF)	4.4	5.5	6.3	5.1	5.8
OFI-931	4.7	5.5	6.3	5.0	5.8
PIXIE E+	5.0	5.3	6.4	4.8	5.8
BAR FA6 US3	4.0	5.5	6.3	5.3	5.8
REGIMENT	5.1	5.1	6.3	5.1	5.7
BAR FA 6D	3.9	5.2	6.4	5.1	5.7
GAZELLE	4.3	5.5	6.2	5.3	5.7
PICK FA B-93	4.5	5.4	6.3	5.1	5.7
MB 212	4.7	5.2	6.3	5.2	5.7
MB 213	4.8	5.2	6.3	5.2	5.7
PICK RT-95	4.3	5.3	6.3	5.3	5.7
TA-7	4.6	5.0	6.3	5.1	5.7
PST-523	5.1	5.2	6.2	5.1	5.7
ATF-038	4.7	5.2	6.3	5.0	5.7
BONSAI 2000 (BULLET)	4.8	5.1	6.3	5.0	5.7
BAR FA 6LV	4.1	5.2	6.3	5.2	5.7
COYOTE	4.4	5.5	6.2	5.2	5.7
DUSTER	4.5	5.3	6.3	4.7	5.7
EMERESS	4.5	5.6	6.1	5.0	5.7
MB 210	4.6	5.2	6.3	5.0	5.7
APACHE II	4.3	5.2	6.2	5.2	5.7
SR 8210	4.5	5.2	6.3	4.9	5.7
TULSA	4.7	5.2	6.3	4.8	5.7
SAFARI	5.5	5.0	6.2	4.8	5.7

TABLE 7.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT DIFFERENT NITROGEN LEVELS
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NITROGEN LEVEL (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	0.0-2.0	2.1-3.0	3.1-4.0	4.1+	
REBEL 2000 (AA-989)	4.1	5.4	6.2	5.1	5.7
MB 211	4.3	5.2	6.3	5.1	5.7
MB 216	4.7	5.4	6.1	5.1	5.7
AZTEC II (TMI-AZ)	4.8	4.9	6.3	5.0	5.7
ATF-196	4.4	5.3	6.2	5.1	5.7
JAGUAR 3	4.2	5.2	6.4	4.7	5.6
FALCON II	4.8	5.2	6.2	4.9	5.6
ARID 2 (J-3)	3.7	5.2	6.4	4.8	5.6
RESERVE (ATF-182)	4.3	5.2	6.3	4.7	5.6
CORONADO	4.4	5.1	6.1	5.4	5.6
SRX 8500	4.3	5.2	6.1	5.2	5.6
TAR HEEL	4.4	5.3	6.1	5.2	5.6
PST-5E5	4.2	5.4	6.2	5.0	5.6
ISI-TF11	4.9	5.1	6.2	4.9	5.6
OFI-96-32	4.6	4.9	6.3	4.9	5.6
MB 215	4.4	5.3	6.1	5.0	5.6
ANTHEM II (TMI-FMN)	4.6	5.1	6.2	5.0	5.6
BAR FA6 US2U	4.0	5.3	6.1	5.2	5.6
TITAN 2	5.7	5.0	6.2	4.5	5.6
ALAMO E	4.7	5.2	6.1	5.0	5.6
WPEZE (WVPB-1C)	4.6	5.0	6.2	4.9	5.6
PICK FA 20-92	4.0	5.2	6.2	5.0	5.6
ISI-TF9	4.6	5.1	6.2	4.9	5.6
PST-5M5	4.7	5.4	6.0	4.9	5.6
BRAVO (RG-93)	4.5	5.0	6.2	4.9	5.6
ZPS-5LZ	4.5	5.2	6.0	5.1	5.6
SHORTSTOP II	4.6	5.2	6.1	4.9	5.6
BAR FA6D USA	4.6	5.3	6.1	4.9	5.6
PICK GA-96	3.9	5.2	6.2	4.9	5.6
BAR FA6 US1	3.9	5.2	6.1	5.1	5.6
PICK FA 6-91	4.5	5.2	6.1	4.8	5.6
OFI-FWY	4.3	5.3	6.0	5.0	5.6
PSII-TF-9	4.5	5.1	6.2	4.7	5.6
ISI-TF10	4.3	5.0	6.0	5.2	5.5
FINELAWN PETITE	4.7	5.0	6.1	4.8	5.5
GOOD-EN (KOOS 94-14)	4.6	4.9	6.1	5.0	5.5
OFI-951	3.9	5.5	6.1	4.7	5.5
LEPRECHAUN	4.4	5.4	6.1	4.7	5.5
EC-101	4.9	4.9	6.1	4.7	5.5
PICK FA XK-95	3.9	4.9	6.0	5.4	5.5
WVPB-1B	4.1	4.8	6.1	5.0	5.5
ATF-188	4.4	5.2	6.2	4.5	5.5
MARKSMAN	4.6	4.8	6.1	4.9	5.5
BAR FA6 US6F	4.3	5.3	5.9	5.1	5.5
WOLFPACK (PST-R5TK)	4.5	4.9	6.0	5.0	5.5

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT DIFFERENT NITROGEN LEVELS
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NITROGEN LEVEL (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	0.0-2.0	2.1-3.0	3.1-4.0	4.1+	
SUNPRO	4.0	5.2	6.0	5.1	5.5
COCHISE II	4.6	5.2	6.1	4.6	5.5
PICK FA 15-92	4.0	4.9	6.2	4.6	5.5
WVPB-1D	4.9	4.8	6.0	4.9	5.5
BANDANA (PST-R5AE)	4.8	5.3	6.0	4.4	5.5
TWILIGHT II (TMI-TW)	4.3	5.2	5.9	5.0	5.5
PC-AO	4.8	5.0	6.1	4.5	5.5
PSII-TF-10	4.5	4.9	6.1	4.5	5.4
ARABIA (J-5)	3.8	5.2	6.0	4.9	5.4
R5AU	4.0	5.1	6.0	4.8	5.4
EA 41	4.5	5.4	5.8	4.9	5.4
ATF-020	4.2	5.0	6.1	4.6	5.4
TOMAHAWK-E	4.2	5.2	6.0	4.5	5.4
AA-983	3.6	5.2	6.1	4.5	5.4
WX3-275	4.4	4.8	6.0	4.6	5.4
ATF-022	4.0	4.7	6.1	4.6	5.4
SRX 8084	4.6	5.0	6.0	4.6	5.4
PRO 8430	4.2	4.9	6.1	4.3	5.4
KITTY HAWK S.S.T. (SS45DW)	4.7	4.9	6.0	4.4	5.4
ATF-257	4.5	4.9	6.0	4.5	5.4
CORONADO GOLD (PST-5RT)	4.6	4.9	5.8	4.7	5.3
LION	4.0	5.0	5.9	4.6	5.3
COMSTOCK (SSDE31)	4.6	4.9	5.8	4.6	5.3
BONSAI	4.5	4.8	6.0	4.3	5.3
EQUINOX (TMI-N91)	4.1	5.0	5.9	4.5	5.3
ATF-253	4.3	4.9	5.8	4.7	5.3
DP 50-9011	4.0	4.8	6.0	4.3	5.3
PST-5TO	3.7	5.1	5.8	4.7	5.3
JSC-1	4.4	4.8	5.9	4.1	5.2
PICK FA N-93	3.3	5.2	5.7	4.6	5.2
ARID	5.7	4.8	5.7	4.1	5.2
JTFFC-96	4.9	4.8	5.7	4.3	5.2
JTFFA-96	4.9	4.9	5.6	4.3	5.2
PICK FA UT-93	3.3	5.2	5.7	4.4	5.2
DIF-1	5.1	4.8	5.7	4.0	5.1
ATF-192	4.0	4.9	5.7	4.4	5.1
DP 7952	4.4	4.7	5.6	3.8	5.0
AV-1	4.5	4.4	5.5	3.7	4.9
KENTUCKY-31 W/ENDO.	5.3	4.0	4.7	3.0	4.3
LSD VALUE	0.8	0.3	0.3	0.4	0.2
C.V. (%)	15.0	7.9	10.2	13.8	11.0

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.

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN AT 0.0-2.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

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

NAME	IA1	MI1	MEAN	NAME	IA1	MI1	MEAN
SHENANDOAH	5.5	6.0	5.7	MB 210	4.3	4.9	4.6
ARID	5.4	6.0	5.7	ANTHEM II (TMI-FMN)	4.3	5.0	4.6
TITAN 2	5.6	5.8	5.7	WPEZE (WVPB-1C)	4.5	4.7	4.6
SAFARI	5.1	6.0	5.5	MARKSMAN	4.8	4.4	4.6
KENTUCKY-31 W/ENDO.	5.2	5.4	5.3	CORONADO GOLD (PST-5RT)	4.1	5.1	4.6
RENEGADE	5.3	5.2	5.3	OFI-96-32	4.3	4.9	4.6
MUSTANG II	4.5	6.0	5.3	COCHISE II	3.7	5.4	4.6
DLF-1	4.9	5.3	5.1	TA-7	4.3	4.8	4.6
PST-523	4.8	5.4	5.1	COMSTOCK (SSDE31)	3.9	5.2	4.6
REGIMENT	4.8	5.4	5.1	ISI-TF9	3.8	5.3	4.6
SOUTHERN CHOICE	4.8	5.2	5.0	BAR FA6D USA	3.8	5.3	4.6
REBEL SENTRY (AA-A91)	4.8	5.2	5.0	SHORTSTOP II	4.5	4.6	4.6
PLANTATION (PENNINGTON-1901)	4.7	5.3	5.0	GOOD-EN (KOOS 94-14)	4.1	5.0	4.6
CU9501T	4.9	5.0	5.0	DUSTER	4.7	4.4	4.5
PIXIE E+	4.9	5.0	5.0	PSII-TF-9	4.3	4.8	4.5
JTIFA-96	4.4	5.5	4.9	WRS2	4.3	4.8	4.5
JTIFC-96	4.4	5.4	4.9	PSII-TF-10	4.2	4.9	4.5
MB 28	4.6	5.2	4.9	MB 214	4.2	4.9	4.5
GENESIS	4.6	5.1	4.9	ATF-257	4.0	5.0	4.5
WVFB-1D	4.8	5.0	4.9	WOLFPACK (PST-R5TK)	4.3	4.8	4.5
EC-101	4.3	5.4	4.9	SR 8210	4.5	4.5	4.5
ISI-TF11	4.9	4.8	4.9	BRAVO (RG-93)	4.4	4.6	4.5
PC-AO	4.5	5.1	4.8	AV-1	4.3	4.7	4.5
BANDANA (PST-R5AE)	4.7	4.9	4.8	PICK FA 6-91	3.9	5.1	4.5
J-101	4.3	5.3	4.8	EA 41	4.2	4.8	4.5
BONSAI 2000 (BULLET)	4.3	5.3	4.8	PICK FA B-93	4.4	4.6	4.5
FALCON II	4.5	5.0	4.8	BONSAI	4.0	5.0	4.5
MB 29	4.4	5.1	4.8	EMPRESS	4.1	4.8	4.5
REMBRANDT (LTP-4026 E+)	4.0	5.5	4.8	ZPS-5LZ	4.3	4.6	4.5
AZTEC II (TMI-AZ)	4.6	5.0	4.8	DP 7952	4.6	4.3	4.4
MB 213	4.2	5.3	4.8	WX3-275	4.2	4.7	4.4
KITTY HAWK S.S.T. (SS45DW)	4.2	5.2	4.7	TAR HEEL	4.0	4.9	4.4
MB 212	4.3	5.1	4.7	JSC-1	4.1	4.7	4.4
TULSA	4.3	5.1	4.7	MASTERPIECE (LTP-SD-TF)	4.1	4.7	4.4
PST-5M5	4.1	5.3	4.7	ARID 3 (J-98)	3.9	4.9	4.4
OFI-931	4.3	5.0	4.7	COYOTE	4.2	4.6	4.4
FINELAWN PETITE	4.6	4.8	4.7	ATF-196	4.1	4.7	4.4
ALAMO E	4.2	5.2	4.7	MB 215	4.1	4.7	4.4
OFI-96-31	4.4	5.0	4.7	ATF-188	3.9	4.9	4.4
ATF-038	4.3	5.0	4.7	ZPS-2PTF	4.1	4.7	4.4
MB 216	4.6	4.7	4.7	CORONADO	4.4	4.3	4.4
CROSSFIRE II	4.8	4.5	4.7	LEPRECHAUN	4.3	4.4	4.4
MILLENNIUM (TMI-RBR)	4.7	4.6	4.6	SRX 8500	4.2	4.5	4.3
SRX 8084	4.2	5.1	4.6	APACHE II	3.9	4.8	4.3

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 0.0-2.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	MI1	MEAN
GAZELLE	4.3	4.3	4.3
PICK RT-95	3.6	5.0	4.3
ISI-TF10	3.8	4.8	4.3
RESERVE (ATF-182)	3.5	5.1	4.3
MB 211	3.7	4.9	4.3
ATF-253	4.2	4.4	4.3
OFI-FWY	4.2	4.4	4.3
TWILIGHT II (TMI-TW)	4.2	4.4	4.3
BAR FA6 US6F	4.4	4.1	4.3
JAGUAR 3	4.2	4.2	4.2
CU9502T	4.1	4.3	4.2
MB 26	3.7	4.7	4.2
PRO 8430	3.9	4.4	4.2
ATF-020	4.1	4.3	4.2
PST-5E5	4.0	4.3	4.2
TOMAHAWK-E	3.8	4.5	4.2
WVPB-1B	3.8	4.4	4.1
EQUINOX (TMI-N91)	3.8	4.4	4.1
BAR FA 6IV	4.1	4.1	4.1
REBEL 2000 (AA-989)	4.2	4.0	4.1
LION	4.0	4.1	4.0
ATF-022	3.9	4.2	4.0
DP 50-9011	3.6	4.5	4.0
ATF-192	4.1	4.0	4.0
BAR FA6 US2U	4.1	4.0	4.0
R5AU	3.8	4.2	4.0
PICK FA 20-92	3.4	4.6	4.0
PICK FA 15-92	3.4	4.6	4.0
SUNPRO	3.4	4.5	4.0
BAR FA6 US3	3.7	4.2	4.0
PICK FA XK-95	3.5	4.4	3.9
PICK GA-96	3.6	4.2	3.9
BAR FA6 US1	3.7	4.0	3.9
OFI-951	3.6	4.1	3.9
BAR FA 6D	3.7	4.0	3.9
ARABIA (J-5)	3.3	4.4	3.8
ARID 2 (J-3)	2.9	4.5	3.7
PST-5TO	3.1	4.3	3.7
AA-983	3.2	4.0	3.6
PICK FA N-93	2.9	3.7	3.3
PICK FA UT-93	3.2	3.3	3.3
LSD VALUE	1.2	0.9	0.8
C.V. (%)	18.1	12.0	15.0

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.

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	MD1	MO3	VA4	WA1	MEAN	NAME	MD1	MO3	VA4	WA1	MEAN
EMPRESS	5.1	7.0	4.3	6.2	5.6	SR 8210	4.2	6.1	4.4	6.3	5.2
MB 29	4.5	6.8	4.4	6.8	5.6	RESERVE (ATF-182)	4.4	5.8	4.9	5.8	5.2
ZPS-2PTF	4.5	6.5	4.6	6.8	5.6	FALCON II	5.3	5.6	4.4	5.7	5.2
PLANTATION (PENNINGTON-1901)	4.8	6.5	4.8	6.3	5.6	TULSA	4.7	5.9	4.4	6.0	5.2
REMBRANDT (LTP-4026 E+)	4.7	6.8	4.7	6.1	5.6	BAR FA 6D	4.5	6.3	4.0	6.0	5.2
BAR FA6 US3	4.1	6.7	4.6	6.8	5.5	ZPS-5LZ	4.2	6.3	4.5	5.8	5.2
CU9501T	5.3	6.3	4.5	6.1	5.5	PICK FA UT-93	3.6	6.5	4.5	6.3	5.2
REBEL SENTRY (AA-A91)	5.1	6.4	4.4	6.1	5.5	ARID 2 (J-3)	4.1	6.2	4.5	6.1	5.2
GAZELLE	4.4	7.2	4.3	6.1	5.5	MB 212	4.1	6.1	4.6	6.1	5.2
OFI-931	4.8	6.4	4.5	6.3	5.5	SHORTSTOP II	4.4	6.0	4.2	6.2	5.2
ARID 3 (J-98)	4.7	6.7	4.7	5.9	5.5	BAR FA 6LV	4.5	6.2	4.4	5.8	5.2
OFI-951	3.9	7.1	4.6	6.3	5.5	PICK GA-96	4.7	5.8	4.3	6.0	5.2
COYOTE	4.7	6.5	4.4	6.3	5.5	ALAMO E	4.9	5.7	4.3	5.9	5.2
MASTERPIECE (LTP-SD-TF)	4.7	6.4	4.5	6.3	5.5	MB 213	3.9	6.6	4.2	6.1	5.2
REBEL 2000 (AA-989)	4.1	6.6	4.5	6.6	5.4	PICK FA 20-92	4.1	6.3	4.2	6.1	5.2
MB 214	4.3	6.7	4.3	6.6	5.4	ATF-188	4.3	5.8	4.8	5.8	5.2
MILLENNIUM (TMI-RBR)	4.5	6.8	4.6	5.8	5.4	JAGUAR 3	4.3	5.9	4.5	6.0	5.2
MB 26	4.5	6.6	4.5	6.2	5.4	ARABIA (J-5)	3.5	6.6	4.4	6.3	5.2
CU9502T	5.0	5.7	4.6	6.3	5.4	TOMAHAWK-E	4.2	6.6	4.1	5.8	5.2
PICK FA B-93	4.3	6.3	4.8	6.2	5.4	COCHISE II	4.7	5.8	4.3	5.9	5.2
MB 216	4.1	6.8	4.5	6.1	5.4	PICK FA N-93	3.8	7.0	4.4	5.6	5.2
EA 41	4.5	6.4	4.4	6.2	5.4	TWILIGHT II (TMI-TW)	4.1	6.3	4.2	6.1	5.2
J-101	4.2	6.5	4.5	6.3	5.4	ATF-038	4.1	6.2	4.5	5.9	5.2
PST-5E5	4.5	6.5	4.4	6.0	5.4	MB 210	4.7	5.8	4.5	5.7	5.2
LEPRECHAUN	5.1	6.0	4.3	6.2	5.4	SHENANDOAH	5.3	5.6	4.2	5.6	5.2
PST-5M5	3.9	6.8	4.6	6.1	5.4	MB 211	3.9	6.3	4.3	6.2	5.2
WRS2	4.5	6.3	4.7	5.9	5.3	SRX 8500	4.2	6.0	4.5	5.9	5.2
CROSSFIRE II	4.5	6.3	4.4	6.1	5.3	APACHE II	4.3	6.1	4.6	5.7	5.2
MB 215	4.3	6.8	4.3	6.1	5.3	SUNPRO	4.1	5.9	4.4	6.2	5.2
BANDANA (PST-R5AE)	4.7	6.1	4.5	6.1	5.3	BAR FA6 US1	3.8	6.3	4.0	6.5	5.2
DUSTER	4.7	6.3	4.5	5.7	5.3	AA-983	3.9	6.3	4.3	6.2	5.2
BAR FA6 US2U	4.1	6.3	4.3	6.5	5.3	PST-523	4.7	5.7	4.4	5.8	5.2
PIXIE E+	4.9	6.1	4.4	5.8	5.3	ISI-TF11	4.9	6.1	4.1	5.5	5.1
OFI-96-31	4.3	6.2	4.6	6.1	5.3	MUSTANG II	4.5	5.6	4.9	5.6	5.1
OFI-FWY	4.9	6.3	4.3	5.8	5.3	GENESIS	4.7	5.9	4.3	5.8	5.1
PICK RT-95	3.9	6.5	4.8	6.1	5.3	CORONADO	3.8	6.5	4.4	5.8	5.1
TAR HEEL	4.5	6.5	4.5	5.8	5.3	PSII-TF-9	4.7	5.9	4.2	5.7	5.1
BAR FA6D USA	4.3	6.5	4.3	6.0	5.3	BONSAI 2000 (BULLET)	4.5	5.8	4.5	5.7	5.1
ATF-196	4.5	6.0	4.5	6.2	5.3	ISI-TF9	4.1	6.0	4.3	5.9	5.1
MB 28	4.1	6.6	4.3	6.2	5.3	PST-5TO	4.3	6.0	4.3	5.8	5.1
RENEGADE	5.3	5.8	4.2	5.8	5.3	REGIMENT	4.7	5.5	4.3	5.8	5.1
BAR FA6 US6F	4.5	6.5	4.3	5.8	5.3	ANTHEM II (TMI-FMN)	4.3	5.9	4.4	5.8	5.1
SOUTHERN CHOICE	5.1	5.8	4.2	5.8	5.2	R5AU	4.7	6.0	4.0	5.6	5.1
PICK FA 6-91	4.3	6.5	3.9	6.3	5.2	LION	4.3	5.8	4.4	5.8	5.0

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MD1	MO3	VA4	WA1	MEAN
TA-7	4.0	6.0	4.3	5.8	5.0
SAFARI	4.9	5.4	4.4	5.4	5.0
ISI-TF10	3.8	6.0	4.1	6.1	5.0
PC-AO	4.5	5.7	4.2	5.8	5.0
ATF-020	4.0	5.9	4.5	5.7	5.0
WPEZE (WVPB-1C)	4.3	5.7	4.3	5.7	5.0
BRAVO (RG-93)	4.3	5.8	4.1	5.8	5.0
FINELAWN PETITE	4.3	5.9	4.2	5.7	5.0
EQUINOX (TMI-N91)	4.5	5.5	4.1	5.8	5.0
SRX 8084	4.2	5.7	4.2	5.8	5.0
TITAN 2	5.2	5.2	4.0	5.4	5.0
PICK FA XK-95	3.7	6.0	4.3	5.8	4.9
ATF-253	4.1	5.8	4.3	5.7	4.9
GOOD-EN (KOOS 94-14)	4.1	6.0	4.0	5.7	4.9
PICK FA 15-92	3.5	6.3	4.1	5.8	4.9
PSII-TF-10	3.9	5.8	4.2	5.8	4.9
WOLFPACK (PST-R5TK)	4.1	5.9	4.3	5.4	4.9
AZTEC II (TMI-AZ)	3.8	5.6	4.2	6.1	4.9
OFI-96-32	4.1	5.8	4.4	5.4	4.9
CORONADO GOLD (EST-5RT)	3.7	5.6	4.6	5.8	4.9
COMSTOCK (SSDE31)	4.2	6.0	4.0	5.4	4.9
KITTY HAWK S.S.T. (SS45DW)	4.3	5.5	4.1	5.7	4.9
EC-101	4.1	5.5	4.3	5.7	4.9
JTTFA-96	5.0	5.0	4.3	5.2	4.9
ATF-192	4.7	5.3	4.2	5.3	4.9
PRO 8430	4.2	5.3	4.2	5.8	4.9
ATF-257	4.3	5.4	4.5	5.3	4.9
BONSAI	3.9	5.3	4.2	5.8	4.8
JSC-1	3.9	5.6	4.0	5.7	4.8
WX3-275	4.0	5.7	4.2	5.3	4.8
MARKSMAN	3.5	5.5	4.3	5.8	4.8
WVPB-1D	4.1	5.3	4.3	5.5	4.8
WVPB-1B	4.3	5.5	4.0	5.4	4.8
DP 50-9011	4.1	5.5	4.0	5.5	4.8
ARID	5.1	5.0	4.0	5.2	4.8
JTTFC-96	4.6	5.4	4.0	5.0	4.8
DLF-1	4.3	5.1	4.2	5.3	4.8
DP 7952	4.7	4.7	4.3	5.3	4.7
ATF-022	3.9	5.2	3.9	5.8	4.7
AV-1	4.3	4.8	3.6	4.9	4.4
KENTUCKY-31 W/ENDO.	4.6	3.9	3.5	3.8	4.0
LSD VALUE	0.8	0.7	0.4	0.6	0.3
C.V. (%)	12.0	6.7	5.9	6.8	7.9

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 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	CA1	IL1	IL2	IN1	KS2	KY1	NE1	NY1	OH1	OK1	RI1	SC2	UT1	MEAN
MILLENNIUM (TMI-RBR)	7.5	6.0	6.8	6.5	6.7	8.0	6.0	8.0	8.0	6.4	5.9	5.7	5.6	6.7
REMBRANDT (LTP-4026 E+)	7.2	6.1	6.6	6.4	6.4	8.5	6.5	6.1	7.9	6.4	6.0	6.3	6.0	6.7
PLANTATION (PENNINGTON-1901)	7.5	6.1	5.2	6.1	6.5	8.4	6.8	7.6	7.6	6.4	6.1	5.7	6.3	6.6
ARID 3 (J-98)	7.2	5.6	6.1	5.9	6.2	8.1	6.7	7.7	7.5	6.1	6.6	5.7	6.2	6.6
REBEL SENTRY (AA-A91)	7.5	6.4	6.1	5.8	6.4	8.0	6.6	6.0	7.9	6.2	6.3	5.5	5.6	6.5
SOUTHERN CHOICE	7.5	6.3	6.5	6.2	6.8	7.6	6.1	7.2	7.5	6.0	5.2	5.3	6.3	6.5
CU9502T	7.8	6.2	5.5	6.2	6.3	7.4	6.3	7.1	7.8	6.4	5.9	5.5	5.7	6.5
GENESIS	7.0	6.2	5.7	6.2	6.5	8.1	5.4	7.6	7.4	6.1	6.0	5.4	6.2	6.4
OFI-96-31	7.1	6.1	5.4	6.1	6.5	7.8	6.3	7.3	7.5	6.3	5.7	5.3	6.3	6.4
J-101	7.3	5.7	5.2	5.7	6.0	8.2	6.0	7.2	7.6	6.0	7.2	5.7	5.7	6.4
BAR FA 6D	7.3	5.6	5.4	6.1	6.8	8.0	6.2	6.7	8.2	6.0	5.8	5.5	5.8	6.4
CU9501T	7.5	5.8	5.2	5.9	6.6	7.3	6.6	6.1	7.8	6.2	6.0	6.2	5.9	6.4
MUSTANG II	7.2	5.9	6.4	6.1	6.4	7.3	6.1	7.0	7.3	6.3	5.7	5.9	5.7	6.4
MB 26	7.3	5.8	5.4	5.7	5.8	8.3	6.7	7.3	8.1	6.1	5.0	5.8	5.8	6.4
RENEGADE	7.4	6.1	6.4	5.8	6.5	7.4	5.9	7.6	7.4	6.5	5.3	5.3	5.7	6.4
ARID 2 (J-3)	7.2	5.3	5.9	5.4	6.1	7.8	6.1	7.2	7.8	6.0	6.4	5.5	6.2	6.4
PIXIE E+	7.4	5.9	6.0	5.8	6.1	7.5	6.0	6.7	7.7	6.1	5.7	6.2	5.8	6.4
ZPS-2PTF	7.2	6.0	6.4	6.0	6.3	8.2	5.8	6.4	7.9	6.3	4.5	5.2	6.5	6.4
JAGUAR 3	7.4	5.4	6.0	6.0	6.4	8.0	6.5	7.1	7.8	6.3	5.2	5.1	5.5	6.4
MB 214	7.1	6.1	4.7	5.7	6.4	8.4	6.1	7.6	8.4	5.9	4.9	5.5	5.7	6.3
TA-7	7.1	5.7	5.3	6.0	6.4	8.1	6.1	6.7	7.6	6.2	6.1	5.3	5.9	6.3
SHENANDOAH	7.3	6.0	6.2	6.0	6.5	7.1	5.8	7.4	7.2	6.2	5.1	5.5	6.2	6.3
DUSTER	7.0	5.8	5.8	5.9	6.4	7.5	6.3	6.6	7.6	6.0	6.3	5.1	6.2	6.3
MB 28	7.1	5.2	5.6	6.0	6.5	7.8	6.2	7.7	7.6	6.1	5.3	5.3	5.9	6.3
MASTERPIECE (LTP-SD-TF)	7.3	5.9	5.0	6.3	6.8	8.2	6.0	6.4	7.5	6.3	5.5	5.3	5.7	6.3
MB 29	7.1	6.0	4.8	5.9	6.5	8.3	6.5	6.7	7.8	6.1	5.2	5.8	5.6	6.3
RESERVE (ATF-182)	6.9	6.1	6.2	5.8	6.4	7.4	5.1	7.3	7.7	6.4	5.5	5.5	5.8	6.3
WRS2	7.5	6.0	5.7	5.7	6.4	7.8	6.0	7.4	7.8	6.1	5.1	5.2	5.4	6.3
OFI-931	7.0	6.1	5.3	5.8	6.8	7.8	6.0	6.8	7.1	6.2	5.9	5.4	6.1	6.3
ATF-038	7.3	5.3	6.0	5.6	6.2	7.5	6.5	7.2	7.5	6.2	5.7	5.5	5.4	6.3
OFI-96-32	7.4	6.2	6.0	5.8	6.7	7.4	5.8	6.2	7.6	6.3	5.4	5.3	5.8	6.3
SR 8210	7.2	6.3	5.0	6.1	6.0	7.7	5.7	6.4	8.1	6.3	5.3	5.1	6.6	6.3
REGIMENT	7.5	6.1	6.5	5.8	6.3	7.1	5.6	6.4	7.3	6.5	5.2	5.6	5.9	6.3
TULSA	7.5	5.9	6.5	5.9	6.3	7.5	5.7	4.9	8.0	6.4	5.7	5.5	6.0	6.3
AZTEC II (TMI-AZ)	7.4	5.8	5.6	5.9	6.4	7.4	5.3	7.0	7.7	6.5	5.6	5.3	5.9	6.3
MB 210	7.4	5.9	5.3	5.7	6.8	7.7	5.8	6.8	7.9	6.1	4.9	5.5	5.9	6.3
BAR FA6 US3	7.1	5.5	4.5	6.0	6.1	8.0	6.1	7.3	7.5	6.2	5.5	5.3	6.4	6.3
CROSSFIRE II	7.3	5.6	5.1	6.1	6.1	7.6	6.2	7.6	7.4	6.2	5.4	5.2	5.7	6.3
BAR FA 6LV	7.5	5.3	5.1	5.5	6.3	8.1	6.3	6.2	7.8	6.3	6.2	5.3	5.7	6.3
PICK FA B-93	6.9	5.7	5.0	6.3	5.9	8.1	6.2	5.6	7.9	6.4	5.8	5.5	6.4	6.3
BONSAI 2000 (BULLET)	7.6	6.0	6.0	6.0	6.3	7.3	5.5	6.3	7.6	6.1	5.0	5.5	6.3	6.3
MB 212	7.4	6.1	6.6	5.8	6.4	8.2	5.7	4.8	7.6	6.0	5.7	5.4	5.8	6.3
MB 211	7.0	5.8	5.8	5.8	6.0	8.0	6.0	6.0	7.6	6.2	5.9	5.4	5.9	6.3
MB 213	7.2	5.8	5.1	5.7	6.4	7.9	6.1	6.9	7.7	5.9	4.8	5.4	6.4	6.3

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													MEAN
	CA1	IL1	IL2	IN1	KS2	KY1	NE1	NY1	OH1	OK1	RI1	SC2	UT1	
PICK RT-95	7.1	5.6	6.6	6.0	5.8	8.3	6.0	6.1	7.6	6.1	5.1	5.1	5.9	6.3
SAFARI	7.1	6.5	5.9	5.8	6.3	7.1	5.5	7.0	7.5	6.5	5.0	5.2	5.8	6.2
APACHE II	7.4	6.2	4.5	5.8	6.3	8.0	6.3	6.4	7.5	5.9	5.4	5.3	6.1	6.2
PICK FA 15-92	7.1	5.6	5.2	5.8	6.0	7.2	6.0	6.2	7.5	6.0	6.7	5.7	6.2	6.2
REBEL 2000 (AA-989)	7.1	5.5	4.4	5.7	6.3	8.0	5.8	7.1	7.3	5.8	6.4	6.0	5.4	6.2
TITAN 2	7.0	6.6	5.9	5.6	6.6	6.9	5.6	7.3	7.3	5.9	5.0	5.5	5.4	6.2
PST-523	7.4	6.1	4.6	5.9	6.5	7.4	5.8	6.2	7.4	6.3	5.8	5.2	5.9	6.2
GAZELLE	7.0	5.9	5.2	6.0	5.9	8.2	6.4	4.9	7.9	6.0	5.5	5.2	6.4	6.2
ANTHEM II (TMI-FMN)	7.3	5.4	5.8	5.4	6.6	7.5	5.4	6.3	7.4	6.2	5.5	5.6	6.0	6.2
FALCON II	7.1	6.4	5.0	5.8	6.7	7.2	6.3	6.3	7.3	6.2	5.2	5.3	5.8	6.2
ATF-196	6.9	4.8	6.2	5.7	5.8	7.4	6.0	6.9	7.3	6.1	5.8	5.5	6.0	6.2
ISI-TF11	7.1	6.2	5.3	5.5	6.6	7.5	5.6	6.4	7.8	6.3	5.1	5.1	5.9	6.2
PST-5E5	6.9	5.8	4.5	6.0	6.8	7.8	5.3	7.1	7.6	6.1	5.3	5.1	6.0	6.2
PICK CA-96	7.2	5.8	4.1	6.0	6.0	7.7	6.3	7.6	7.3	6.0	5.2	5.1	6.0	6.2
PICK FA 20-92	7.2	5.1	4.6	6.0	6.4	7.5	6.3	6.9	7.8	6.0	5.6	5.3	5.6	6.2
BRAVO (RG-93)	7.2	5.9	5.6	6.0	6.4	7.6	4.7	7.7	7.7	5.8	5.0	5.2	5.6	6.2
PSII-TF-9	6.8	6.0	5.8	5.8	6.5	7.0	5.2	7.2	7.4	5.9	5.3	5.3	6.2	6.2
WPEZE (WVPB-1C)	7.3	6.0	5.4	5.5	6.3	7.4	5.1	7.2	7.4	6.2	5.5	5.1	5.7	6.2
ISI-TF9	7.5	6.0	5.0	5.7	6.5	7.4	6.0	6.2	7.8	6.2	5.3	5.1	5.6	6.2
COYOTE	7.0	5.7	4.9	5.7	6.1	8.5	6.0	5.3	7.9	6.0	5.6	5.1	6.2	6.2
ATF-188	7.3	5.8	4.9	6.0	6.1	7.0	5.5	6.8	7.6	6.2	5.6	5.5	5.7	6.2
MB 215	6.8	5.8	5.3	5.7	6.3	7.9	6.3	5.6	8.2	5.8	5.2	5.6	5.6	6.1
SRX 8500	7.1	6.2	4.6	5.7	6.3	7.9	6.0	6.3	7.3	5.8	5.8	5.1	6.0	6.1
MB 216	7.2	6.1	4.1	5.5	6.3	8.2	6.2	6.1	8.1	5.6	5.2	5.8	5.6	6.1
EMPRESS	7.2	6.3	3.9	5.8	6.9	7.6	6.4	5.1	7.5	5.9	5.7	5.1	6.3	6.1
EC-101	7.0	5.8	5.3	6.0	6.3	7.5	6.0	5.6	7.7	6.1	5.7	5.3	5.7	6.1
FINELAWN PETITE	7.1	5.5	5.4	5.8	6.6	7.5	5.2	6.2	7.9	6.2	5.8	5.1	5.3	6.1
BAR FA6 US2U	7.1	5.3	3.7	5.9	6.4	8.1	6.3	7.0	7.1	6.2	5.5	5.2	5.9	6.1
WVPB-1B	7.0	5.6	6.1	6.1	6.5	7.4	5.5	5.8	7.5	6.1	5.2	5.3	5.5	6.1
BAR FA6 US1	6.9	5.0	3.5	5.9	6.5	8.5	6.3	7.2	7.8	5.9	4.8	5.2	6.2	6.1
PRO 8430	7.2	5.9	5.6	5.8	6.1	7.0	5.9	6.4	7.6	6.3	4.8	5.3	5.7	6.1
ATF-022	6.8	4.9	6.4	5.1	6.0	7.1	6.3	6.8	7.4	6.1	5.7	5.5	5.3	6.1
OFI-951	7.1	5.6	4.0	5.4	6.0	7.4	6.0	6.7	8.0	6.1	5.5	5.4	6.2	6.1
PSII-TF-10	7.1	5.6	5.6	5.4	6.4	7.3	5.8	6.4	7.5	6.1	5.2	5.2	5.7	6.1
TAR HEEL	7.2	6.1	4.1	5.8	6.6	7.8	5.3	6.0	7.6	6.2	5.4	5.5	5.7	6.1
CORONADO	7.4	6.0	4.5	5.8	6.3	8.0	6.0	5.2	7.7	6.0	5.0	5.3	6.1	6.1
PICK FA 6-91	7.0	5.6	4.5	5.5	6.4	7.9	6.1	4.1	7.5	6.0	6.6	5.7	6.3	6.1
MARKSMAN	7.1	6.0	5.2	5.8	6.4	7.4	5.9	5.8	7.4	5.9	4.8	5.7	5.9	6.1
ALAMO E	7.1	6.0	5.4	5.3	5.9	7.3	5.5	5.8	7.8	6.0	5.4	5.6	6.1	6.1
SHORTSTOP II	7.2	5.7	4.2	5.5	5.5	7.3	6.0	7.3	7.0	5.8	6.4	5.7	5.7	6.1
AA-983	6.5	5.1	4.1	5.5	6.3	8.0	6.6	5.8	7.6	5.9	6.4	5.5	5.8	6.1
LEPRECHAUN	7.3	6.0	4.8	5.8	6.4	7.1	5.6	7.2	7.5	5.9	4.3	5.6	5.7	6.1
PC-AO	7.0	5.2	5.4	5.7	6.2	7.8	6.0	6.3	7.6	5.9	4.8	5.5	5.7	6.1
GOOD-EN (KOOS 94-14)	7.4	5.6	4.6	5.3	6.2	7.2	6.1	6.8	7.8	5.7	4.9	5.7	5.7	6.1
BAR FA6D USA	7.0	5.4	4.6	5.9	6.6	8.3	5.9	5.1	7.5	6.1	5.2	5.5	5.7	6.1

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF														
NAME	CA1	IL1	IL2	IN1	KS2	KY1	NE1	NY1	OH1	OK1	RI1	SC2	UT1	MEAN
ATF-020	6.8	4.9	6.3	5.5	6.2	7.4	6.0	6.0	7.6	6.0	5.5	5.3	5.4	6.1
COCHISE II	7.0	5.7	5.1	5.5	6.1	7.1	5.5	7.4	7.6	5.8	5.2	5.1	5.6	6.1
OFI-FWY	7.1	5.7	4.5	5.9	6.5	7.4	6.1	6.6	7.3	6.3	4.1	5.5	5.7	6.0
ISI-TF10	7.0	5.5	4.8	5.6	6.4	7.3	5.5	6.8	7.3	6.0	5.4	5.1	5.8	6.0
TOMAHAWK-E	6.7	6.0	4.2	5.5	6.4	7.2	6.2	5.7	7.7	5.7	6.1	5.2	5.9	6.0
PST-5M5	7.0	5.5	5.5	5.9	6.8	7.9	6.1	4.1	7.8	6.1	4.8	5.1	6.0	6.0
WX3-275	7.0	5.4	4.4	5.5	6.0	7.4	5.5	7.6	7.4	5.8	5.8	5.1	5.6	6.0
WVPB-1D	7.4	5.9	4.9	5.5	6.0	7.3	5.8	6.3	7.5	6.1	4.6	5.1	5.9	6.0
WOLFPACK (PST-R5TK)	7.1	6.1	4.6	5.9	6.4	7.3	5.8	5.0	7.5	6.4	5.1	5.3	5.7	6.0
ZPS-5LZ	6.9	5.5	5.1	5.3	6.0	8.1	6.2	5.9	7.5	5.9	4.8	5.1	5.8	6.0
BANDANA (PST-R5AE)	7.4	6.0	4.7	5.5	6.6	7.2	4.5	6.0	7.8	6.4	5.2	5.2	5.7	6.0
ARABIA (J-5)	7.1	4.7	5.0	5.4	5.8	7.8	5.2	6.7	7.3	6.0	5.7	5.6	5.8	6.0
R5AU	7.3	5.8	6.1	6.0	6.4	7.1	4.5	4.0	7.3	6.3	5.8	5.7	5.8	6.0
DP 50-9011	6.9	5.3	4.8	6.0	6.3	6.7	5.0	7.0	7.8	6.0	5.2	5.5	5.7	6.0
PICK FA XK-95	7.1	5.5	3.8	5.3	6.3	7.4	5.6	6.4	7.8	6.0	5.5	5.2	5.8	6.0
ATF-257	6.7	5.8	5.4	5.6	6.1	7.1	5.2	6.0	7.1	6.3	5.1	5.4	5.9	6.0
KITTY HAWK S.S.T. (SS45DW)	6.9	5.6	5.0	5.7	6.5	7.0	5.0	6.6	7.3	5.6	5.4	5.4	5.7	6.0
SUNPRO	6.9	5.7	3.2	6.2	5.8	7.5	6.4	6.0	7.4	6.0	4.9	5.1	6.2	6.0
BONSAI	6.7	5.7	5.2	5.7	6.0	7.0	5.9	6.2	7.3	5.7	4.9	5.1	5.9	6.0
SRX 8084	7.2	6.2	4.9	5.5	6.0	7.4	5.8	5.2	7.6	5.9	4.6	5.3	5.8	6.0
LION	7.0	5.6	4.9	5.3	6.2	6.9	5.7	4.8	8.0	6.1	6.1	5.2	5.4	5.9
TWILIGHT II (TMI-TW)	7.2	5.2	4.6	5.1	6.3	7.1	5.0	6.3	7.0	6.1	5.9	5.4	5.7	5.9
BAR FA6 US6F	7.5	5.9	4.3	5.6	6.1	7.7	5.1	3.9	7.8	6.1	5.9	5.2	5.8	5.9
EQUINCK (TMI-N91)	7.3	5.8	4.2	5.4	6.2	6.9	4.7	5.6	7.6	5.8	5.7	5.6	5.8	5.9
JSC-1	6.8	5.3	4.0	5.6	6.5	6.8	5.5	6.1	7.5	5.9	5.7	5.1	5.6	5.9
COMSTOCK (SSDE31)	6.9	5.6	4.3	5.5	6.7	7.2	5.6	4.6	7.4	5.9	5.7	5.4	5.1	5.8
CORONADO GOLD (PST-5RT)	7.0	5.8	3.7	5.6	6.5	7.9	5.2	5.1	7.3	6.1	5.1	5.1	5.3	5.8
ATF-253	6.9	5.3	5.8	5.3	6.4	6.9	5.2	4.2	7.5	6.1	5.3	5.4	5.3	5.8
PST-5TO	7.0	5.6	3.6	5.7	6.4	7.2	5.1	5.4	7.5	5.8	5.3	5.1	5.9	5.8
EA 41	6.8	5.7	3.6	5.2	5.5	7.5	5.3	5.0	7.8	6.0	5.6	5.2	5.9	5.8
PICK FA N-93	6.7	5.0	4.0	5.8	5.0	7.5	5.4	5.7	7.6	6.0	5.0	5.2	5.7	5.7
PICK FA UT-93	6.9	4.6	3.2	5.3	5.0	6.9	5.5	6.4	7.8	5.7	5.9	5.3	5.8	5.7
JTTFC-96	7.0	5.5	4.9	5.5	6.4	6.6	4.8	5.7	6.9	6.3	4.6	5.1	5.0	5.7
DLF-1	6.5	5.4	4.7	5.4	6.3	6.3	5.3	4.1	7.3	5.8	5.4	6.1	5.5	5.7
ATF-192	6.6	5.4	4.7	5.2	6.3	6.3	4.0	5.8	6.8	6.2	5.5	5.5	5.6	5.7
ARID	6.4	5.9	5.6	5.5	6.0	5.6	4.9	5.7	7.0	6.1	4.4	5.3	5.3	5.7
JTTFE-96	6.8	5.6	4.2	5.5	5.8	6.0	4.1	6.3	7.3	6.2	4.6	5.2	5.8	5.6
DP 7952	6.7	5.3	4.9	5.1	6.0	5.7	4.7	7.0	7.1	5.8	4.1	5.6	4.8	5.6
AV-1	6.0	5.4	4.6	5.1	5.8	6.3	4.8	4.4	7.0	5.7	5.7	5.2	5.5	5.5
KENTUCKY-31 W/ENDO.	4.6	5.2	4.2	4.3	5.0	4.8	3.0	5.7	6.2	5.2	4.1	5.1	3.8	4.7
LSD VALUE	0.5	0.7	1.9	0.5	0.6	0.5	0.8	2.2	0.6	0.6	0.5	0.9	0.8	0.3
C.V. (%)	4.3	7.2	23.0	5.6	5.9	4.1	9.0	21.9	4.9	5.7	5.9	10.4	8.1	10.2

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

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

TABLE 11.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	AR1	MO1	NJ1	NJ2	VA1	MEAN	NAME	AR1	MO1	NJ1	NJ2	VA1	MEAN
PLANTATION (PENNINGTON-1901)	7.1	5.2	5.9	5.8	4.3	5.6	J-101	6.1	4.2	5.9	5.3	3.7	5.0
MILLENNIUM (TMI-RBR)	6.6	5.0	6.9	5.9	3.9	5.6	BONSAI 2000 (BULLET)	5.6	5.0	5.2	5.1	4.2	5.0
REMBRANDT (LTP-4026 E+)	7.0	5.3	5.4	5.6	4.3	5.5	EMPRESS	6.5	4.7	5.1	5.1	3.7	5.0
PICK FA XK-95	6.8	4.9	6.0	5.3	4.0	5.4	PST-5E5	6.3	4.8	5.3	5.0	3.5	5.0
CORONADO	6.5	5.3	5.9	5.4	3.7	5.4	AZTEC II (TMI-AZ)	5.7	4.8	5.4	5.0	4.1	5.0
MB 29	6.6	4.9	5.8	5.6	3.8	5.4	WVPB-1B	5.9	5.3	5.0	4.8	4.0	5.0
MB 26	6.7	4.6	6.3	5.3	3.7	5.3	MB 215	6.0	4.4	5.7	5.1	3.9	5.0
ARID 3 (J-98)	6.5	4.4	6.3	5.4	4.0	5.3	CU9502T	6.0	5.1	5.3	4.5	4.0	5.0
GAZELLE	6.2	5.0	5.8	6.0	3.6	5.3	OFI-FWY	6.8	4.8	4.7	5.0	3.6	5.0
BAR FA6 US3	6.4	4.8	5.7	5.8	3.8	5.3	PICK FA 20-92	5.5	5.0	5.7	5.4	3.3	5.0
PICK RT-95	7.0	4.9	5.2	5.4	3.9	5.3	ANTHEM II (TMI-FMN)	5.8	4.9	5.7	4.7	3.8	5.0
ZPS-2PTF	6.8	5.0	5.4	5.4	3.7	5.2	TWILIGHT II (TMI-TW)	5.6	4.9	5.5	5.0	3.9	5.0
CROSSFIRE II	6.6	5.2	5.7	4.7	4.0	5.2	ALAMO E	6.2	5.1	5.1	4.8	3.7	5.0
SRX 8500	6.4	4.6	5.5	5.4	4.1	5.2	GOOD-EN (KOOS 94-14)	6.0	4.8	5.2	4.9	4.0	5.0
SOUTHERN CHOICE	6.5	5.2	5.0	4.9	4.3	5.2	OFI-931	6.4	4.6	5.3	4.8	3.7	5.0
ISI-TF10	6.5	4.9	5.6	5.1	3.9	5.2	MB 210	5.5	5.2	5.4	5.0	3.7	5.0
WRS2	6.5	5.0	5.2	5.3	3.9	5.2	WOLFPACK (PST-R5TK)	6.0	5.3	4.7	5.0	4.0	5.0
BAR FA 6LV	6.8	4.7	5.4	5.3	3.7	5.2	SHENANDOAH	7.0	4.8	4.3	4.2	4.4	5.0
APACHE II	6.3	5.0	5.4	5.4	3.8	5.2	ATF-038	6.7	4.2	5.3	4.5	4.0	5.0
MB 212	6.3	5.0	5.3	5.1	4.2	5.2	PICK GA-96	6.4	4.5	5.3	4.8	3.7	4.9
MB 214	6.4	4.5	5.7	5.2	4.0	5.2	PST-5M5	6.0	5.0	4.9	4.9	3.8	4.9
BAR FA6 US2U	6.3	4.7	6.1	5.0	3.8	5.2	CU9501T	5.6	4.7	5.4	5.2	3.7	4.9
TAR HEEL	6.5	4.4	5.6	5.4	4.0	5.2	BRAVO (RG-93)	6.0	4.7	5.0	4.9	4.0	4.9
COYOTE	6.0	4.4	5.6	5.8	4.0	5.2	WPEZE (WVPB-1C)	5.5	5.1	4.9	4.9	4.1	4.9
MB 213	5.9	4.8	6.2	5.5	3.4	5.2	EA 41	6.5	4.9	5.2	4.2	3.8	4.9
RENEGADE	6.2	5.1	5.1	4.9	4.5	5.2	FALCON II	6.0	5.0	4.7	4.4	4.4	4.9
BAR FA 6D	6.0	5.0	5.7	5.2	3.9	5.1	BAR FA6D USA	5.0	4.6	5.9	5.2	3.9	4.9
ZPS-5LZ	6.7	4.5	5.9	5.3	3.3	5.1	SHORTSTOP II	5.4	4.9	5.9	4.6	3.8	4.9
SUNPRO	6.9	4.4	5.7	4.8	3.9	5.1	SR 8210	6.0	4.7	5.4	4.8	3.6	4.9
REBEL SENTRY (AA-A91)	5.9	4.9	5.5	5.7	3.7	5.1	ISI-TF11	6.0	5.1	4.8	4.4	4.1	4.9
GENESIS	6.3	4.8	5.4	4.8	4.4	5.1	WVPB-1D	6.3	4.8	5.1	4.2	4.0	4.9
MB 28	5.8	5.2	6.1	4.9	3.7	5.1	ISI-TF9	5.8	4.8	5.3	4.4	4.0	4.9
REGIMENT	6.5	5.2	5.2	4.7	4.0	5.1	MARKSMAN	6.5	4.8	4.6	4.3	4.1	4.9
TA-7	5.8	4.8	5.5	5.8	3.8	5.1	ARABIA (J-5)	5.8	3.9	5.8	5.1	3.7	4.9
PICK FA B-93	6.7	4.7	5.3	5.4	3.6	5.1	OFI-96-32	6.0	5.1	4.8	4.6	3.9	4.9
REBEL 2000 (AA-989)	7.0	4.1	5.6	5.0	3.9	5.1	TULSA	5.7	4.8	5.0	5.0	3.8	4.8
PST-523	6.5	4.8	5.4	4.9	4.0	5.1	PICK FA 6-91	5.6	4.4	6.1	4.9	3.3	4.8
MASTERPIECE (LTP-SD-TF)	6.4	5.1	5.2	5.0	3.8	5.1	ARID 2 (J-3)	5.1	4.4	6.0	5.0	3.8	4.8
OFI-96-31	5.9	4.6	5.8	5.3	4.1	5.1	R5AU	6.0	4.9	5.2	4.4	3.7	4.8
BAR FA6 US1	6.3	4.7	5.6	5.4	3.6	5.1	PIXIE E+	5.7	5.3	4.4	4.7	4.0	4.8
MB 211	6.3	5.1	5.3	4.9	3.8	5.1	FINELAWN PETITE	5.5	5.2	5.1	4.5	3.8	4.8
BAR FA6 US6F	6.7	4.6	5.4	5.1	3.7	5.1	MUSTANG II	6.2	5.1	4.4	4.3	4.0	4.8
ATF-196	6.1	5.2	5.3	5.0	3.8	5.1	SAFARI	6.3	5.3	4.1	4.3	4.1	4.8
MB 216	6.3	4.7	5.6	5.0	3.7	5.1	JAGUAR 3	6.2	4.7	4.8	4.3	3.8	4.7

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF						
NAME	AR1	MO1	NJ1	NJ2	VA1	MEAN
DUSTER	6.0	4.7	4.8	4.5	3.7	4.7
OFI-951	5.7	4.3	5.1	5.1	3.5	4.7
RESERVE (ATF-182)	6.5	4.2	4.5	4.4	4.0	4.7
CORONADO GOLD (PST-5RT)	6.0	4.6	5.0	4.5	3.5	4.7
PSII-TF-9	5.8	4.7	4.6	4.6	3.9	4.7
EC-101	5.5	4.6	4.8	4.6	3.9	4.7
PST-5TO	5.8	4.6	5.0	4.6	3.4	4.7
LEPRECHAUN	5.9	4.6	4.6	4.2	4.1	4.7
ATF-253	5.6	4.7	4.7	4.5	3.9	4.7
COMSTOCK (SSDE31)	5.5	5.2	4.4	4.1	4.0	4.6
ATF-022	6.4	4.1	4.7	4.1	3.9	4.6
COCHISE II	6.1	4.6	4.7	4.1	3.7	4.6
WX3-275	5.8	4.4	4.9	4.2	3.7	4.6
PICK FA 15-92	5.5	4.2	5.6	4.3	3.3	4.6
PICK FA N-93	5.1	4.3	5.5	4.8	3.2	4.6
ATF-020	5.7	4.6	4.7	4.3	3.7	4.6
SRX 8084	5.6	4.9	4.3	4.2	3.8	4.6
LION	5.5	4.8	4.6	4.4	3.5	4.6
EQUINOX (TMI-N91)	5.4	5.0	4.3	4.2	3.9	4.5
PSII-TF-10	5.4	4.8	4.6	4.4	3.6	4.5
AA-983	5.8	4.1	4.6	4.4	3.8	4.5
TITAN 2	5.8	4.7	4.2	3.8	4.1	4.5
ATF-257	5.9	4.8	3.8	4.3	3.8	4.5
ATF-188	5.1	4.6	4.8	4.3	3.8	4.5
PC-AO	5.6	4.4	4.3	4.3	3.7	4.5
TOMAHAWK-E	5.5	4.2	5.0	3.9	3.7	4.5
BANDANA (PST-R5AE)	5.4	4.9	4.2	4.1	3.6	4.4
PICK FA UT-93	5.1	4.1	5.0	4.6	3.3	4.4
KITTY HAWK S.S.T. (SS45DW)	5.5	4.6	4.3	4.2	3.6	4.4
ATF-192	5.4	4.8	4.1	3.8	3.8	4.4
BONSAI	5.4	4.6	4.1	3.8	3.8	4.3
DP 50-9011	5.5	4.7	4.3	3.5	3.7	4.3
JTTFA-96	5.3	4.6	3.4	3.7	4.5	4.3
JTTFC-96	5.6	4.9	3.7	3.5	3.8	4.3
PRO 8430	5.6	4.4	3.6	4.0	3.7	4.3
JSC-1	4.3	4.4	4.3	3.9	3.8	4.1
ARID	5.3	4.7	3.3	2.8	4.1	4.1
DLF-1	4.9	4.7	3.3	3.2	3.9	4.0
DP 7952	5.0	4.4	2.7	2.9	4.1	3.8
AV-1	4.4	4.4	2.8	3.0	3.8	3.7
KENTUCKY-31 W/ENDO.	3.7	3.9	2.0	1.3	4.0	3.0
LSD VALUE	1.0	0.7	0.9	0.7	1.0	0.4
C.V. (%)	10.2	9.4	11.0	8.9	22.5	13.8

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 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT DIFFERENT MOWING HEIGHTS 1/
1997 DATA

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

NAME	MOWING HEIGHT (INCHES)				MEAN
	0.6-1.5	1.6-2.0	2.1-2.5	2.6+	
PLANTATION (PENNINGTON-1901)	6.9	6.8	5.5	5.6	6.1
MILLENNIUM (TMI-RBR)	7.0	6.7	5.5	5.4	6.1
REMBRANDT (LTP-4026 E+)	6.4	6.8	5.6	5.7	6.1
ARID 3 (J-98)	6.8	6.6	5.3	5.3	6.0
REBEL SENTRY (AA-A91)	6.4	6.6	5.4	5.5	5.9
SOUTHERN CHOICE	6.2	6.4	5.6	5.3	5.9
MB 29	6.6	6.6	5.2	5.5	5.9
RENEGADE	6.2	6.3	5.6	5.4	5.9
ZPS-2PTF	6.2	6.5	5.5	5.1	5.8
MB 26	6.8	6.5	5.1	5.2	5.8
CU9501T	6.1	6.5	5.3	5.6	5.8
J-101	6.5	6.7	5.0	5.5	5.8
GENESIS	6.2	6.4	5.4	5.3	5.8
OFT-96-31	6.5	6.4	5.3	5.2	5.8
SHENANDOAH	5.8	6.3	5.5	5.6	5.8
MB 214	6.6	6.5	5.1	5.3	5.8
MB 28	6.5	6.3	5.2	5.4	5.8
CU9502T	6.1	6.7	5.4	4.9	5.8
WRS2	6.4	6.4	5.3	5.2	5.8
CROSSFIRE II	6.4	6.5	5.2	5.2	5.8
MUSTANG II	5.8	6.4	5.5	5.5	5.8
MASTERPIECE (LTP-SD-TF)	6.2	6.6	5.3	5.1	5.8
OFT-931	6.1	6.4	5.3	5.3	5.8
PIXIE E+	5.9	6.3	5.4	5.6	5.8
BAR FA6 US3	6.6	6.6	5.1	5.0	5.8
REGIMENT	5.8	6.3	5.5	5.3	5.7
BAR FA 6D	6.4	6.6	5.2	4.9	5.7
GAZELLE	6.3	6.4	5.2	5.3	5.7
PICK FA B-93	6.1	6.6	5.2	5.2	5.7
MB 212	5.8	6.5	5.4	5.2	5.7
MB 213	6.5	6.2	5.1	5.4	5.7
PICK RT-95	6.2	6.5	5.3	5.1	5.7
TA-7	6.4	6.4	5.1	5.1	5.7
PST-523	5.9	6.5	5.3	5.3	5.7
ATF-038	6.2	6.4	5.1	5.3	5.7
BONSAI 2000 (BULLET)	5.9	6.2	5.4	5.2	5.7
BAR FA 6LV	6.3	6.6	5.1	4.9	5.7
COYOTE	6.2	6.4	5.2	5.1	5.7
DUSTER	5.9	6.4	5.3	5.1	5.7
EMPRESS	5.9	6.5	5.2	5.3	5.7
MB 210	6.1	6.2	5.4	5.1	5.7
APACHE II	6.3	6.3	5.2	5.0	5.7
SR 8210	6.0	6.5	5.2	5.1	5.7
TULSA	5.6	6.5	5.4	5.2	5.7
SAFARI	5.6	6.2	5.5	5.4	5.7

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT DIFFERENT MOWING HEIGHTS
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MOWING HEIGHT (INCHES)				MEAN
	0.6-1.5	1.6-2.0	2.1-2.5	2.6+	
REBEL 2000 (AA-989)	6.3	6.7	4.9	5.2	5.7
MB 211	6.0	6.5	5.2	5.1	5.7
MB 216	6.2	6.4	4.9	5.5	5.7
AZTEC II (TMI-AZ)	6.0	6.4	5.2	5.1	5.7
ATF-196	6.1	6.3	5.2	5.1	5.7
JAGUAR 3	6.1	6.4	5.2	4.9	5.6
FALCON II	5.8	6.2	5.5	5.1	5.6
ARID 2 (J-3)	6.4	6.3	5.1	4.8	5.6
RESERVE (ATF-182)	5.8	6.4	5.4	5.0	5.6
CORONADO	6.1	6.4	5.1	5.1	5.6
SRX 8500	6.2	6.4	5.1	5.0	5.6
TAR HEEL	6.0	6.4	5.1	5.2	5.6
PST-5E5	6.1	6.3	5.2	5.0	5.6
ISI-TF11	5.7	6.2	5.4	5.2	5.6
OFI-96-32	5.8	6.2	5.4	5.1	5.6
MB 215	6.1	6.3	5.1	5.3	5.6
ANTHEM II (TMI-FMN)	5.9	6.2	5.3	5.2	5.6
BAR FA6 US2U	6.5	6.4	4.9	4.9	5.6
TITAN 2	5.6	6.0	5.4	5.5	5.6
ALAMO E	5.7	6.3	5.3	5.2	5.6
WEEZE (WVPB-1C)	5.9	6.1	5.3	5.0	5.6
PICK FA 20-92	6.4	6.4	4.9	4.9	5.6
ISI-TF9	5.9	6.3	5.2	5.0	5.6
PST-5M5	5.6	6.3	5.2	5.3	5.6
BRAVO (RG-93)	6.0	6.3	5.1	5.0	5.6
ZPS-5LZ	6.3	6.2	5.0	5.1	5.6
SHORTSTOP II	6.2	6.3	4.9	5.2	5.6
BAR FA6D USA	6.1	6.1	5.1	5.3	5.6
PICK GA-96	6.3	6.4	5.0	4.7	5.6
BAR FA6 US1	6.6	6.4	4.8	4.8	5.6
PICK FA 6-91	5.8	6.4	5.0	5.3	5.6
OFI-FWY	6.0	6.1	5.1	5.1	5.6
PSII-TF-9	5.7	6.1	5.3	5.1	5.6
ISI-TF10	6.1	6.3	5.0	4.9	5.5
FINELAWN PETITE	5.7	6.3	5.2	5.1	5.5
GOOD-EN (KOOS 94-14)	6.0	6.2	5.0	5.2	5.5
OFI-951	6.1	6.3	4.9	5.1	5.5
LEPRECHAUN	5.7	6.1	5.2	5.1	5.5
EC-101	5.7	6.3	5.1	5.1	5.5
PICK FA XK-95	6.1	6.4	4.9	4.8	5.5
WVPB-1B	5.7	6.2	5.3	4.7	5.5
ATF-188	5.7	6.2	5.1	5.0	5.5
MARKSMAN	5.6	6.2	5.1	5.1	5.5
BAR FA6 US6F	5.4	6.5	5.0	5.1	5.5
WOLFPACK (PST-R5TK)	5.5	6.2	5.2	5.0	5.5

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT DIFFERENT MOWING HEIGHTS
 1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MOWING HEIGHT (INCHES)				MEAN
	0.6-1.5	1.6-2.0	2.1-2.5	2.6+	
SUNPRO	6.1	6.4	4.9	4.7	5.5
COCHISE II	5.8	6.2	5.1	5.0	5.5
PICK FA 15-92	5.9	6.4	4.9	5.0	5.5
WVPB-1D	5.7	6.1	5.1	5.0	5.5
BANDANA (PST-R5AE)	5.2	6.2	5.2	5.2	5.5
TWILIGHT II (TMI-TW)	5.8	6.1	5.0	5.1	5.5
PC-AO	5.7	6.1	5.0	5.2	5.5
PSII-TF-10	5.7	6.1	5.1	5.0	5.4
ARABIA (J-5)	6.1	6.2	4.8	5.0	5.4
R5AU	5.0	6.3	5.3	4.9	5.4
EA 41	5.4	6.4	4.9	5.1	5.4
ATF-020	5.7	6.1	5.1	4.9	5.4
TOMAHAWK-E	5.6	6.2	4.9	5.0	5.4
AA-983	5.9	6.3	4.8	4.7	5.4
WX3-275	5.9	6.1	4.8	4.9	5.4
ATF-022	5.8	6.2	4.9	4.7	5.4
SRX 8084	5.4	6.1	5.1	5.0	5.4
PRO 8430	5.4	6.1	5.1	4.7	5.4
KITTY HAWK S.S.T. (SS45DW)	5.4	6.1	5.0	5.1	5.4
ATF-257	5.3	5.9	5.2	5.0	5.4
CORONADO GOLD (PST-5RT)	5.5	6.1	4.9	5.0	5.3
LION	5.3	6.3	5.0	4.8	5.3
COMSTOCK (SSDE31)	5.2	6.1	5.0	5.1	5.3
BONSAI	5.4	6.0	5.0	4.8	5.3
EQUINCK (TMI-N91)	5.1	6.2	5.0	4.8	5.3
ATF-253	5.1	6.0	5.1	4.9	5.3
DP 50-9011	5.3	6.1	4.9	4.8	5.3
PST-5TO	5.5	6.2	4.9	4.6	5.3
JSC-1	5.3	5.9	4.8	4.9	5.2
PICK FA N-93	5.8	6.0	4.6	4.7	5.2
ARID	4.5	5.6	5.2	5.4	5.2
JTTFC-96	4.8	5.8	5.0	5.1	5.2
JTTFA-96	4.7	5.8	5.1	5.0	5.2
PICK FA UT-93	5.7	6.2	4.4	4.6	5.2
DLF-1	4.4	5.8	5.0	5.4	5.1
ATF-192	4.8	5.8	5.1	4.7	5.1
DP 7952	4.6	5.5	4.9	4.8	5.0
AV-1	4.3	5.5	4.8	4.7	4.9
KENTUCKY-31 W/ENDO.	3.3	4.4	4.4	4.9	4.3
LSD VALUE	0.5	0.3	0.3	0.5	0.2
C.V. (%)	12.7	6.4	12.6	11.6	11.0

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.

TABLE 13.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT A 0.6-1.5 INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	KY1	NE1	NJ1	NJ2	NY1	MEAN	NAME	KY1	NE1	NJ1	NJ2	NY1	MEAN
MILLENNIUM (TMI-RBR)	8.0	6.0	6.9	5.9	8.0	7.0	PST-5E5	7.8	5.3	5.3	5.0	7.1	6.1
PLANTATION (PENNINGTON-1901)	8.4	6.8	5.9	5.8	7.6	6.9	CU9502T	7.4	6.3	5.3	4.5	7.1	6.1
ARID 3 (J-98)	8.1	6.7	6.3	5.4	7.7	6.8	PICK FA B-93	8.1	6.2	5.3	5.4	5.6	6.1
MB 26	8.3	6.7	6.3	5.3	7.3	6.8	ATF-196	7.4	6.0	5.3	5.0	6.9	6.1
MB 214	8.4	6.1	5.7	5.2	7.6	6.6	MB 215	7.9	6.3	5.7	5.1	5.6	6.1
BAR FA6 US3	8.0	6.1	5.7	5.8	7.3	6.6	SUNPRO	7.5	6.4	5.7	4.8	6.0	6.1
BAR FA6 US1	8.5	6.3	5.6	5.4	7.2	6.6	CORONADO	8.0	6.0	5.9	5.4	5.2	6.1
MB 29	8.3	6.5	5.8	5.6	6.7	6.6	BAR FA6D USA	8.3	5.9	5.9	5.2	5.1	6.1
MB 28	7.8	6.2	6.1	4.9	7.7	6.5	OFI-951	7.4	6.0	5.1	5.1	6.7	6.1
J-101	8.2	6.0	5.9	5.3	7.2	6.5	ISI-TF10	7.3	5.5	5.6	5.1	6.8	6.1
MB 213	7.9	6.1	6.2	5.5	6.9	6.5	GOOD-EN (KOOS 94-14)	7.2	6.1	5.2	4.9	6.8	6.0
BAR FA6 US2U	8.1	6.3	6.1	5.0	7.0	6.5	MB 211	8.0	6.0	5.3	4.9	6.0	6.0
OFI-96-31	7.8	6.3	5.8	5.3	7.3	6.5	TAR HEEL	7.8	5.3	5.6	5.4	6.0	6.0
REMBRANDT (LTP-4026 E+)	8.5	6.5	5.4	5.6	6.1	6.4	AZTEC II (TMI-AZ)	7.4	5.3	5.4	5.0	7.0	6.0
TA-7	8.1	6.1	5.5	5.8	6.7	6.4	SR 8210	7.7	5.7	5.4	4.8	6.4	6.0
ARID 2 (J-3)	7.8	6.1	6.0	5.0	7.2	6.4	BRAVO (RG-93)	7.6	4.7	5.0	4.9	7.7	6.0
WRS2	7.8	6.0	5.2	5.3	7.4	6.4	OFI-FWY	7.4	6.1	4.7	5.0	6.6	6.0
REBEL SENTRY (AA-A91)	8.0	6.6	5.5	5.7	6.0	6.4	PST-523	7.4	5.8	5.4	4.9	6.2	5.9
CROSSFIRE II	7.6	6.2	5.7	4.7	7.6	6.4	ANTHEM II (TMI-FMN)	7.5	5.4	5.7	4.7	6.3	5.9
PICK FA 20-92	7.5	6.3	5.7	5.4	6.9	6.4	DUSTER	7.5	6.3	4.8	4.5	6.6	5.9
BAR FA 6D	8.0	6.2	5.7	5.2	6.7	6.4	WPEZE (WVPB-1C)	7.4	5.1	4.9	4.9	7.2	5.9
PICK GA-96	7.7	6.3	5.3	4.8	7.6	6.3	WX3-275	7.4	5.5	4.9	4.2	7.6	5.9
APACHE II	8.0	6.3	5.4	5.4	6.4	6.3	BONSAI 2000 (BULLET)	7.3	5.5	5.2	5.1	6.3	5.9
ZPS-5LZ	8.1	6.2	5.9	5.3	5.9	6.3	AA-983	8.0	6.6	4.6	4.4	5.8	5.9
REBEL 2000 (AA-989)	8.0	5.8	5.6	5.0	7.1	6.3	EMPRESS	7.6	6.4	5.1	5.1	5.1	5.9
BAR FA 6LV	8.1	6.3	5.4	5.3	6.2	6.3	PIXIE E+	7.5	6.0	4.4	4.7	6.7	5.9
GAZELLE	8.2	6.4	5.8	6.0	4.9	6.3	PICK FA 15-92	7.2	6.0	5.6	4.3	6.2	5.9
GENESIS	8.1	5.4	5.4	4.8	7.6	6.2	ISI-TF9	7.4	6.0	5.3	4.4	6.2	5.9
ZPS-2PTF	8.2	5.8	5.4	5.4	6.4	6.2	PICK FA 6-91	7.9	6.1	6.1	4.9	4.1	5.8
COYOTE	8.5	6.0	5.6	5.8	5.3	6.2	MUSTANG II	7.3	6.1	4.4	4.3	7.0	5.8
MB 216	8.2	6.2	5.6	5.0	6.1	6.2	MB 212	8.2	5.7	5.3	5.1	4.8	5.8
ATF-038	7.5	6.5	5.3	4.5	7.2	6.2	REGIMENT	7.1	5.6	5.2	4.7	6.4	5.8
SRX 8500	7.9	6.0	5.5	5.4	6.3	6.2	ATF-022	7.1	6.3	4.7	4.1	6.8	5.8
SHORTSTOP II	7.3	6.0	5.9	4.6	7.3	6.2	FALCON II	7.2	6.3	4.7	4.4	6.3	5.8
PICK RT-95	8.3	6.0	5.2	5.4	6.1	6.2	TWILIGHT II (TMI-TW)	7.1	5.0	5.5	5.0	6.3	5.8
MASTERPIECE (LTP-SD-TF)	8.2	6.0	5.2	5.0	6.4	6.2	OFI-96-32	7.4	5.8	4.8	4.6	6.2	5.8
SOUTHERN CHOICE	7.6	6.1	5.0	4.9	7.2	6.2	COCHISE II	7.1	5.5	4.7	4.1	7.4	5.8
RENEGADE	7.4	5.9	5.1	4.9	7.6	6.2	PICK FA N-93	7.5	5.4	5.5	4.8	5.7	5.8
PICK FA XK-95	7.4	5.6	6.0	5.3	6.4	6.1	SHENANDOAH	7.1	5.8	4.3	4.2	7.4	5.8
OFI-931	7.8	6.0	5.3	4.8	6.8	6.1	RESERVE (ATF-182)	7.4	5.1	4.5	4.4	7.3	5.8
ARABIA (J-5)	7.8	5.2	5.8	5.1	6.7	6.1	PC-AO	7.8	6.0	4.3	4.3	6.3	5.7
MB 210	7.7	5.8	5.4	5.0	6.8	6.1	LEPRECHAUN	7.1	5.6	4.6	4.2	7.2	5.7
CU9501T	7.3	6.6	5.4	5.2	6.1	6.1	ISI-TF11	7.5	5.6	4.8	4.4	6.4	5.7
JAGUAR 3	8.0	6.5	4.8	4.3	7.1	6.1	WVPB-1D	7.3	5.8	5.1	4.2	6.3	5.7

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF						
NAME	KY1	NE1	NJ1	NJ2	NY1	MEAN
PSII-TF-9	7.0	5.2	4.6	4.6	7.2	5.7
FINELAWN PETITE	7.5	5.2	5.1	4.5	6.2	5.7
ALAMO E	7.3	5.5	5.1	4.8	5.8	5.7
PSII-TF-10	7.3	5.8	4.6	4.4	6.4	5.7
PICK FA UT-93	6.9	5.5	5.0	4.6	6.4	5.7
WVPB-1B	7.4	5.5	5.0	4.8	5.8	5.7
EC-101	7.5	6.0	4.8	4.6	5.6	5.7
ATF-188	7.0	5.5	4.8	4.3	6.8	5.7
ATF-020	7.4	6.0	4.7	4.3	6.0	5.7
TULSA	7.5	5.7	5.0	5.0	4.9	5.6
SAFARI	7.1	5.5	4.1	4.3	7.0	5.6
TOMAHAWK-E	7.2	6.2	5.0	3.9	5.7	5.6
MARKSMAN	7.4	5.9	4.6	4.3	5.8	5.6
PST-5M5	7.9	6.1	4.9	4.9	4.1	5.6
TITAN 2	6.9	5.6	4.2	3.8	7.3	5.6
WOLFPACK (PST-R5TK)	7.3	5.8	4.7	5.0	5.0	5.5
CORONADO GOLD (PST-5RT)	7.9	5.2	5.0	4.5	5.1	5.5
PST-5TO	7.2	5.1	5.0	4.6	5.4	5.5
BAR FA6 US6F	7.7	5.1	5.4	5.1	3.9	5.4
EA 41	7.5	5.3	5.2	4.2	5.0	5.4
BONSAI	7.0	5.9	4.1	3.8	6.2	5.4
PRO 8430	7.0	5.9	3.6	4.0	6.4	5.4
SRX 8084	7.4	5.8	4.3	4.2	5.2	5.4
KITTY HAWK S.S.T. (SS45DW)	7.0	5.0	4.3	4.2	6.6	5.4
JSC-1	6.8	5.5	4.3	3.9	6.1	5.3
DP 50-9011	6.7	5.0	4.3	3.5	7.0	5.3
LION	6.9	5.7	4.6	4.4	4.8	5.3
ATF-257	7.1	5.2	3.8	4.3	6.0	5.3
BANDANA (PST-R5AE)	7.2	4.5	4.2	4.1	6.0	5.2
COMSTOCK (SSDE31)	7.2	5.6	4.4	4.1	4.6	5.2
EQUINOX (TMI-N91)	6.9	4.7	4.3	4.2	5.6	5.1
ATF-253	6.9	5.2	4.7	4.5	4.2	5.1
R5AU	7.1	4.5	5.2	4.4	4.0	5.0
JTTFC-96	6.6	4.8	3.7	3.5	5.7	4.8
ATF-192	6.3	4.0	4.1	3.8	5.8	4.8
JTTFA-96	6.0	4.1	3.4	3.7	6.3	4.7
DP 7952	5.7	4.7	2.7	2.9	7.0	4.6
ARID	5.6	4.9	3.3	2.8	5.7	4.5
DLF-1	6.3	5.3	3.3	3.2	4.1	4.4
AV-1	6.3	4.8	2.8	3.0	4.4	4.3
KENTUCKY-31 W/ENDO.	4.8	3.0	2.0	1.3	5.7	3.3
LSD VALUE	0.5	0.8	0.9	0.7	2.2	0.5
C.V. (%)	4.1	9.0	11.0	8.9	21.9	12.7

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

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

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

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

NAME	AR1	CA1	IN1	OH1	RI1	WA1	MEAN
PLANTATION (PENNINGTON-1901)	7.1	7.5	6.1	7.6	6.1	6.3	6.8
REMBRANDT (LTP-4026 E+)	7.0	7.2	6.4	7.9	6.0	6.1	6.8
MILLENNIUM (TMI-RBR)	6.6	7.5	6.5	8.0	5.9	5.8	6.7
REBEL 2000 (AA-989)	7.0	7.1	5.7	7.3	6.4	6.6	6.7
J-101	6.1	7.3	5.7	7.6	7.2	6.3	6.7
CU9502T	6.0	7.8	6.2	7.8	5.9	6.3	6.7
PICK FA B-93	6.7	6.9	6.3	7.9	5.8	6.2	6.6
ARID 3 (J-98)	6.5	7.2	5.9	7.5	6.6	5.9	6.6
BAR FA 6LV	6.8	7.5	5.5	7.8	6.2	5.8	6.6
MB 29	6.6	7.1	5.9	7.8	5.2	6.8	6.6
BAR FA6 US3	6.4	7.1	6.0	7.5	5.5	6.8	6.6
BAR FA 6D	6.0	7.3	6.1	8.2	5.8	6.0	6.6
REBEL SENTRY (AA-A91)	5.9	7.5	5.8	7.9	6.3	6.1	6.6
MASTERPIECE (LTP-SD-TF)	6.4	7.3	6.3	7.5	5.5	6.3	6.6
ZES-2PTF	6.8	7.2	6.0	7.9	4.5	6.8	6.5
BAR FA6 US6F	6.7	7.5	5.6	7.8	5.9	5.8	6.5
MB 214	6.4	7.1	5.7	8.4	4.9	6.6	6.5
MB 26	6.7	7.3	5.7	8.1	5.0	6.2	6.5
EMPRESS	6.5	7.2	5.8	7.5	5.7	6.2	6.5
CROSSFIRE II	6.6	7.3	6.1	7.4	5.4	6.1	6.5
SR 8210	6.0	7.2	6.1	8.1	5.3	6.3	6.5
MB 212	6.3	7.4	5.8	7.6	5.7	6.1	6.5
CU9501T	5.6	7.5	5.9	7.8	6.0	6.1	6.5
PICK RT-95	7.0	7.1	6.0	7.6	5.1	6.1	6.5
MB 211	6.3	7.0	5.8	7.6	5.9	6.2	6.5
PST-523	6.5	7.4	5.9	7.4	5.8	5.8	6.5
TULSA	5.7	7.5	5.9	8.0	5.7	6.0	6.5
GAZELLE	6.2	7.0	6.0	7.9	5.5	6.1	6.4
ATF-038	6.7	7.3	5.6	7.5	5.7	5.9	6.4
SOUTHERN CHOICE	6.5	7.5	6.2	7.5	5.2	5.8	6.4
GENESIS	6.3	7.0	6.2	7.4	6.0	5.8	6.4
JAGUAR 3	6.2	7.4	6.0	7.8	5.2	6.0	6.4
WRS2	6.5	7.5	5.7	7.8	5.1	5.9	6.4
COYOTE	6.0	7.0	5.7	7.9	5.6	6.3	6.4
PICK FA 6-91	5.6	7.0	5.5	7.5	6.6	6.3	6.4
SUNPRO	6.9	6.9	6.2	7.4	4.9	6.2	6.4
DUSTER	6.0	7.0	5.9	7.6	6.3	5.7	6.4
OFI-931	6.4	7.0	5.8	7.1	5.9	6.3	6.4
PICK FA 15-92	5.5	7.1	5.8	7.5	6.7	5.8	6.4
BAR FA6 US2U	6.3	7.1	5.9	7.1	5.5	6.5	6.4
MB 216	6.3	7.2	5.5	8.1	5.2	6.1	6.4
TA-7	5.8	7.1	6.0	7.6	6.1	5.8	6.4
OFI-96-31	5.9	7.1	6.1	7.5	5.7	6.1	6.4
PICK FA XK-95	6.8	7.1	5.3	7.8	5.5	5.8	6.4

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AR1	CA1	IN1	OH1	RI1	WA1	MEAN
AZTEC II (TMI-AZ)	5.7	7.4	5.9	7.7	5.6	6.1	6.4
MUSTANG II	6.2	7.2	6.1	7.3	5.7	5.6	6.4
PICK FA 20-92	5.5	7.2	6.0	7.8	5.6	6.1	6.4
RESERVE (ATF-182)	6.5	6.9	5.8	7.7	5.5	5.8	6.4
CORONADO	6.5	7.4	5.8	7.7	5.0	5.8	6.4
BAR FA6 US1	6.3	6.9	5.9	7.8	4.8	6.5	6.4
TAR HEEL	6.5	7.2	5.8	7.6	5.4	5.8	6.4
SFX 8500	6.4	7.1	5.7	7.3	5.8	5.9	6.4
PICK GA-96	6.4	7.2	6.0	7.3	5.2	6.0	6.4
EA 41	6.5	6.8	5.2	7.8	5.6	6.2	6.4
SHENANDOAH	7.0	7.3	6.0	7.2	5.1	5.6	6.3
PST-5E5	6.3	6.9	6.0	7.6	5.3	6.0	6.3
AA-983	5.8	6.5	5.5	7.6	6.4	6.2	6.3
APACHE II	6.3	7.4	5.8	7.5	5.4	5.7	6.3
PIXIE E+	5.7	7.4	5.8	7.7	5.7	5.8	6.3
ATF-196	6.1	6.9	5.7	7.3	5.8	6.2	6.3
ARID 2 (J-3)	5.1	7.2	5.4	7.8	6.4	6.1	6.3
OFI-951	5.7	7.1	5.4	8.0	5.5	6.3	6.3
ISI-TF9	5.8	7.5	5.7	7.8	5.3	5.9	6.3
ISI-TF10	6.5	7.0	5.6	7.3	5.4	6.1	6.3
REGIMENT	6.5	7.5	5.8	7.3	5.2	5.8	6.3
R5AU	6.0	7.3	6.0	7.3	5.8	5.6	6.3
MB 215	6.0	6.8	5.7	8.2	5.2	6.1	6.3
MB 28	5.8	7.1	6.0	7.6	5.3	6.2	6.3
FINELAWN PETITE	5.5	7.1	5.8	7.9	5.8	5.7	6.3
RENEGADE	6.2	7.4	5.8	7.4	5.3	5.8	6.3
BRAVO (RG-93)	6.0	7.2	6.0	7.7	5.0	5.8	6.3
ALAMO E	6.2	7.1	5.3	7.8	5.4	5.9	6.3
LION	5.5	7.0	5.3	8.0	6.1	5.8	6.3
EC-101	5.5	7.0	6.0	7.7	5.7	5.7	6.3
SHORTSTOP II	5.4	7.2	5.5	7.0	6.4	6.2	6.3
PST-5M5	6.0	7.0	5.9	7.8	4.8	6.1	6.3
BONSAI 2000 (BULLET)	5.6	7.6	6.0	7.6	5.0	5.7	6.2
ARABIA (J-5)	5.8	7.1	5.4	7.3	5.7	6.3	6.2
OFI-96-32	6.0	7.4	5.8	7.6	5.4	5.4	6.2
BANDANA (PST-R5AE)	5.4	7.4	5.5	7.8	5.2	6.1	6.2
MARKSMAN	6.5	7.1	5.8	7.4	4.8	5.8	6.2
ATF-188	5.1	7.3	6.0	7.6	5.6	5.8	6.2
MB 213	5.9	7.2	5.7	7.7	4.8	6.1	6.2
TOMAHAWK-E	5.5	6.7	5.5	7.7	6.1	5.8	6.2
COCHISE II	6.1	7.0	5.5	7.6	5.2	5.9	6.2
PICK FA UT-93	5.1	6.9	5.3	7.8	5.9	6.3	6.2
ATF-022	6.4	6.8	5.1	7.4	5.7	5.8	6.2
EQUINOX (TMI-N91)	5.4	7.3	5.4	7.6	5.7	5.8	6.2
ANTHEM II (TMI-FMN)	5.8	7.3	5.4	7.4	5.5	5.8	6.2

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF							
NAME	AR1	CA1	IN1	OH1	RI1	WA1	MEAN
WVPB-1B	5.9	7.0	6.1	7.5	5.2	5.4	6.2
MB 210	5.5	7.4	5.7	7.9	4.9	5.7	6.2
ZES-5LZ	6.7	6.9	5.3	7.5	4.8	5.8	6.2
SAFARI	6.3	7.1	5.8	7.5	5.0	5.4	6.2
GOOD-EN (KOOS 94-14)	6.0	7.4	5.3	7.8	4.9	5.7	6.2
WOLFPACK (PST-R5TK)	6.0	7.1	5.9	7.5	5.1	5.4	6.2
PST-5TO	5.8	7.0	5.7	7.5	5.3	5.8	6.2
FALCON II	6.0	7.1	5.8	7.3	5.2	5.7	6.2
ISI-TF11	6.0	7.1	5.5	7.8	5.1	5.5	6.2
TWILIGHT II (TMI-TW)	5.6	7.2	5.1	7.0	5.9	6.1	6.1
OFI-FWY	6.8	7.1	5.9	7.3	4.1	5.8	6.1
LEPRECHAUN	5.9	7.3	5.8	7.5	4.3	6.2	6.1
WVPB-1D	6.3	7.4	5.5	7.5	4.6	5.5	6.1
WEEZE (WVPB-1C)	5.5	7.3	5.5	7.4	5.5	5.7	6.1
DP 50-9011	5.5	6.9	6.0	7.8	5.2	5.5	6.1
CORONADO GOLD (PST-5RT)	6.0	7.0	5.6	7.3	5.1	5.8	6.1
WX3-275	5.8	7.0	5.5	7.4	5.8	5.3	6.1
PRO 8430	5.6	7.2	5.8	7.6	4.8	5.8	6.1
ATF-020	5.7	6.8	5.5	7.6	5.5	5.7	6.1
PSII-TF-9	5.8	6.8	5.8	7.4	5.3	5.7	6.1
BAR FA6D USA	5.0	7.0	5.9	7.5	5.2	6.0	6.1
KITTY HAWK S.S.T. (SS45DW)	5.5	6.9	5.7	7.3	5.4	5.7	6.1
PSII-TF-10	5.4	7.1	5.4	7.5	5.2	5.8	6.1
SRX 8084	5.6	7.2	5.5	7.6	4.6	5.8	6.1
COMSTOCK (SSDE31)	5.5	6.9	5.5	7.4	5.7	5.4	6.1
PC-AO	5.6	7.0	5.7	7.6	4.8	5.8	6.1
ATF-253	5.6	6.9	5.3	7.5	5.3	5.7	6.0
TITAN 2	5.8	7.0	5.6	7.3	5.0	5.4	6.0
BONSAI	5.4	6.7	5.7	7.3	4.9	5.8	6.0
PICK FA N-93	5.1	6.7	5.8	7.6	5.0	5.6	6.0
ATF-257	5.9	6.7	5.6	7.1	5.1	5.3	5.9
JSC-1	4.3	6.8	5.6	7.5	5.7	5.7	5.9
DIF-1	4.9	6.5	5.4	7.3	5.4	5.3	5.8
ATF-192	5.4	6.6	5.2	6.8	5.5	5.3	5.8
JTTFC-96	5.6	7.0	5.5	6.9	4.6	5.0	5.8
JTTFA-96	5.3	6.8	5.5	7.3	4.6	5.2	5.8
ARID	5.3	6.4	5.5	7.0	4.4	5.2	5.6
DP 7952	5.0	6.7	5.1	7.1	4.1	5.3	5.5
AV-1	4.4	6.0	5.1	7.0	5.7	4.9	5.5
KENTUCKY-31 W/ENDO.	3.7	4.6	4.3	6.2	4.1	3.8	4.4
LSD VALUE	1.0	0.5	0.5	0.6	0.5	0.6	0.3
C.V. (%)	10.2	4.3	5.6	4.9	5.9	6.8	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.

TABLE 15.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT A 2.1-2.5 INCH MOWING HEIGHT 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	IL1	IL2	KS2	MD1	MO1	OK1	UT1	VA1	VA4	MEAN
SOUTHERN CHOICE	6.3	6.5	6.8	5.1	5.2	6.0	6.3	4.3	4.2	5.6
REMBRANDT (LTP-4026 E+)	6.1	6.6	6.4	4.7	5.3	6.4	6.0	4.3	4.7	5.6
RENEGADE	6.1	6.4	6.5	5.3	5.1	6.5	5.7	4.5	4.2	5.6
SHENANDOAH	6.0	6.2	6.5	5.3	4.8	6.2	6.2	4.4	4.2	5.5
SAFARI	6.5	5.9	6.3	4.9	5.3	6.5	5.8	4.1	4.4	5.5
REGIMENT	6.1	6.5	6.3	4.7	5.2	6.5	5.9	4.0	4.3	5.5
PLANTATION (PENNINGTON-1901)	6.1	5.2	6.5	4.8	5.2	6.4	6.3	4.3	4.8	5.5
ZPS-2PTF	6.0	6.4	6.3	4.5	5.0	6.3	6.5	3.7	4.6	5.5
MILLENNIUM (TMI-RBR)	6.0	6.8	6.7	4.5	5.0	6.4	5.6	3.9	4.6	5.5
FALCON II	6.4	5.0	6.7	5.3	5.0	6.2	5.8	4.4	4.4	5.5
MUSTANG II	5.9	6.4	6.4	4.5	5.1	6.3	5.7	4.0	4.9	5.5
REBEL SENTRY (AA-A91)	6.4	6.1	6.4	5.1	4.9	6.2	5.6	3.7	4.4	5.4
GENESIS	6.2	5.7	6.5	4.7	4.8	6.1	6.2	4.4	4.3	5.4
BONSAI 2000 (BULLET)	6.0	6.0	6.3	4.5	5.0	6.1	6.3	4.2	4.5	5.4
MB 212	6.1	6.6	6.4	4.1	5.0	6.0	5.8	4.2	4.6	5.4
CU9502T	6.2	5.5	6.3	5.0	5.1	6.4	5.7	4.0	4.6	5.4
TULSA	5.9	6.5	6.3	4.7	4.8	6.4	6.0	3.8	4.4	5.4
PIXIE E+	5.9	6.0	6.1	4.9	5.3	6.1	5.8	4.0	4.4	5.4
ISI-TF11	6.2	5.3	6.6	4.9	5.1	6.3	5.9	4.1	4.1	5.4
OFI-96-32	6.2	6.0	6.7	4.1	5.1	6.3	5.8	3.9	4.4	5.4
RESERVE (ATF-182)	6.1	6.2	6.4	4.4	4.2	6.4	5.8	4.0	4.9	5.4
TITAN 2	6.6	5.9	6.6	5.2	4.7	5.9	5.4	4.1	4.0	5.4
MB 210	5.9	5.3	6.8	4.7	5.2	6.1	5.9	3.7	4.5	5.4
OFI-96-31	6.1	5.4	6.5	4.3	4.6	6.3	6.3	4.1	4.6	5.3
OFI-931	6.1	5.3	6.8	4.8	4.6	6.2	6.1	3.7	4.5	5.3
CU9501T	5.8	5.2	6.6	5.3	4.7	6.2	5.9	3.7	4.5	5.3
ARID 3 (J-98)	5.6	6.1	6.2	4.7	4.4	6.1	6.2	4.0	4.7	5.3
DUSTER	5.8	5.8	6.4	4.7	4.7	6.0	6.2	3.7	4.5	5.3
WRS2	6.0	5.7	6.4	4.5	5.0	6.1	5.4	3.9	4.7	5.3
PSII-TF-9	6.0	5.8	6.5	4.7	4.7	5.9	6.2	3.9	4.2	5.3
MASTERPIECE (LTP-SD-TF)	5.9	5.0	6.8	4.7	5.1	6.3	5.7	3.8	4.5	5.3
R5AU	5.8	6.1	6.4	4.7	4.9	6.3	5.8	3.7	4.0	5.3
WPEZE (WVPB-1C)	6.0	5.4	6.3	4.3	5.1	6.2	5.7	4.1	4.3	5.3
ALAMO E	6.0	5.4	5.9	4.9	5.1	6.0	6.1	3.7	4.3	5.3
WVPB-1B	5.6	6.1	6.5	4.3	5.3	6.1	5.5	4.0	4.0	5.3
PICK RT-95	5.6	6.6	5.8	3.9	4.9	6.1	5.9	3.9	4.8	5.3
PST-523	6.1	4.6	6.5	4.7	4.8	6.3	5.9	4.0	4.4	5.3
ANTHEM II (TMI-FMN)	5.4	5.8	6.6	4.3	4.9	6.2	6.0	3.8	4.4	5.3
PST-5M5	5.5	5.5	6.8	3.9	5.0	6.1	6.0	3.8	4.6	5.2
SR 8210	6.3	5.0	6.0	4.2	4.7	6.3	6.6	3.6	4.4	5.2
EMPRESS	6.3	3.9	6.9	5.1	4.7	5.9	6.3	3.7	4.3	5.2
BAR FA 6D	5.6	5.4	6.8	4.5	5.0	6.0	5.8	3.9	4.0	5.2
AZTEC II (TMI-AZ)	5.8	5.6	6.4	3.8	4.8	6.5	5.9	4.1	4.2	5.2
BANDANA (PST-R5AE)	6.0	4.7	6.6	4.7	4.9	6.4	5.7	3.6	4.5	5.2

TABLE 15.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT A 2.1-2.5 INCH MOWING HEIGHT
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF										
NAME	IL1	IL2	KS2	MD1	MO1	OK1	UT1	VA1	VA4	MEAN
WOLFPACK (PST-R5TK)	6.1	4.6	6.4	4.1	5.3	6.4	5.7	4.0	4.3	5.2
JAGUAR 3	5.4	6.0	6.4	4.3	4.7	6.3	5.5	3.8	4.5	5.2
CROSSFIRE II	5.6	5.1	6.1	4.5	5.2	6.2	5.7	4.0	4.4	5.2
ATF-257	5.8	5.4	6.1	4.3	4.8	6.3	5.9	3.8	4.5	5.2
ATF-196	4.8	6.2	5.8	4.5	5.2	6.1	6.0	3.8	4.5	5.2
LEPRECHAUN	6.0	4.8	6.4	5.1	4.6	5.9	5.7	4.1	4.3	5.2
MB 211	5.8	5.8	6.0	3.9	5.1	6.2	5.9	3.8	4.3	5.2
ARID	5.9	5.6	6.0	5.1	4.7	6.1	5.3	4.1	4.0	5.2
GAZELLE	5.9	5.2	5.9	4.4	5.0	6.0	6.4	3.6	4.3	5.2
PICK FA B-93	5.7	5.0	5.9	4.3	4.7	6.4	6.4	3.6	4.8	5.2
APACHE II	6.2	4.5	6.3	4.3	5.0	5.9	6.1	3.8	4.6	5.2
MB 28	5.2	5.6	6.5	4.1	5.2	6.1	5.9	3.7	4.3	5.2
ISI-TF9	6.0	5.0	6.5	4.1	4.8	6.2	5.6	4.0	4.3	5.2
MB 29	6.0	4.8	6.5	4.5	4.9	6.1	5.6	3.8	4.4	5.2
PST-5E5	5.8	4.5	6.8	4.5	4.8	6.1	6.0	3.5	4.4	5.2
FINELAWN PETIIE	5.5	5.4	6.6	4.3	5.2	6.2	5.3	3.8	4.2	5.2
COYOTE	5.7	4.9	6.1	4.7	4.4	6.0	6.2	4.0	4.4	5.2
MB 26	5.8	5.4	5.8	4.5	4.6	6.1	5.8	3.7	4.5	5.1
ARID 2 (J-3)	5.3	5.9	6.1	4.1	4.4	6.0	6.2	3.8	4.5	5.1
TA-7	5.7	5.3	6.4	4.0	4.8	6.2	5.9	3.8	4.3	5.1
OFI-FWY	5.7	4.5	6.5	4.9	4.8	6.3	5.7	3.6	4.3	5.1
SRX 8500	6.2	4.6	6.3	4.2	4.6	5.8	6.0	4.1	4.5	5.1
BRAVO (RG-93)	5.9	5.6	6.4	4.3	4.7	5.8	5.6	4.0	4.1	5.1
MARKSMAN	6.0	5.2	6.4	3.5	4.8	5.9	5.9	4.1	4.3	5.1
CORONADO	6.0	4.5	6.3	3.8	5.3	6.0	6.1	3.7	4.4	5.1
ATF-188	5.8	4.9	6.1	4.3	4.6	6.2	5.7	3.8	4.8	5.1
TAR HEEL	6.1	4.1	6.6	4.5	4.4	6.2	5.7	4.0	4.5	5.1
PRO 8430	5.9	5.6	6.1	4.2	4.4	6.3	5.7	3.7	4.2	5.1
JTTFA-96	5.6	4.2	5.8	5.0	4.6	6.2	5.8	4.5	4.3	5.1
MB 213	5.8	5.1	6.4	3.9	4.8	5.9	6.4	3.4	4.2	5.1
EC-101	5.8	5.3	6.3	4.1	4.6	6.1	5.7	3.9	4.3	5.1
ATF-038	5.3	6.0	6.2	4.1	4.2	6.2	5.4	4.0	4.5	5.1
WVPB-1D	5.9	4.9	6.0	4.1	4.8	6.1	5.9	4.0	4.3	5.1
BAR FA6 US3	5.5	4.5	6.1	4.1	4.8	6.2	6.4	3.8	4.6	5.1
SRX 8084	6.2	4.9	6.0	4.2	4.9	5.9	5.8	3.8	4.2	5.1
BAR FA 6LV	5.3	5.1	6.3	4.5	4.7	6.3	5.7	3.7	4.4	5.1
MB 214	6.1	4.7	6.4	4.3	4.5	5.9	5.7	4.0	4.3	5.1
ATF-253	5.3	5.8	6.4	4.1	4.7	6.1	5.3	3.9	4.3	5.1
PSII-TF-10	5.6	5.6	6.4	3.9	4.8	6.1	5.7	3.6	4.2	5.1
ATF-192	5.4	4.7	6.3	4.7	4.8	6.2	5.6	3.8	4.2	5.1
BAR FA6D USA	5.4	4.6	6.6	4.3	4.6	6.1	5.7	3.9	4.3	5.1
COCHISE II	5.7	5.1	6.1	4.7	4.6	5.8	5.6	3.7	4.3	5.1
ATF-020	4.9	6.3	6.2	4.0	4.6	6.0	5.4	3.7	4.5	5.1
MB 215	5.8	5.3	6.3	4.3	4.4	5.8	5.6	3.9	4.3	5.1
JTTFC-96	5.5	4.9	6.4	4.6	4.9	6.3	5.0	3.8	4.0	5.0

TABLE 15.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT A 2.1-2.5 INCH MOWING HEIGHT
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF										
NAME	IL1	IL2	KS2	MD1	MO1	OK1	UT1	VA1	VA4	MEAN
EQUINOX (TMI-N91)	5.8	4.2	6.2	4.5	5.0	5.8	5.8	3.9	4.1	5.0
J-101	5.7	5.2	6.0	4.2	4.2	6.0	5.7	3.7	4.5	5.0
ISI-TF10	5.5	4.8	6.4	3.8	4.9	6.0	5.8	3.9	4.1	5.0
BAR FA6 US6F	5.9	4.3	6.1	4.5	4.6	6.1	5.8	3.7	4.3	5.0
LION	5.6	4.9	6.2	4.3	4.8	6.1	5.4	3.5	4.4	5.0
KITTY HAWK S.S.T. (SS45DW)	5.6	5.0	6.5	4.3	4.6	5.6	5.7	3.6	4.1	5.0
PC-AO	5.2	5.4	6.2	4.5	4.4	5.9	5.7	3.7	4.2	5.0
BONSAI	5.7	5.2	6.0	3.9	4.6	5.7	5.9	3.8	4.2	5.0
COMSTOCK (SSDE31)	5.6	4.3	6.7	4.2	5.2	5.9	5.1	4.0	4.0	5.0
PICK GA-96	5.8	4.1	6.0	4.7	4.5	6.0	6.0	3.7	4.3	5.0
TWILIGHT II (TMI-TW)	5.2	4.6	6.3	4.1	4.9	6.1	5.7	3.9	4.2	5.0
DLF-1	5.4	4.7	6.3	4.3	4.7	5.8	5.5	3.9	4.2	5.0
ZPS-5LZ	5.5	5.1	6.0	4.2	4.5	5.9	5.8	3.3	4.5	5.0
PICK FA 6-91	5.6	4.5	6.4	4.3	4.4	6.0	6.3	3.3	3.9	5.0
GOOD-EN (KOOS 94-14)	5.6	4.6	6.2	4.1	4.8	5.7	5.7	4.0	4.0	5.0
MB 216	6.1	4.1	6.3	4.1	4.7	5.6	5.6	3.7	4.5	4.9
ATF-022	4.9	6.4	6.0	3.9	4.1	6.1	5.3	3.9	3.9	4.9
DP 50-9011	5.3	4.8	6.3	4.1	4.7	6.0	5.7	3.7	4.0	4.9
BAR FA6 US2U	5.3	3.7	6.4	4.1	4.7	6.2	5.9	3.8	4.3	4.9
PICK FA 20-92	5.1	4.6	6.4	4.1	5.0	6.0	5.6	3.3	4.2	4.9
TOMAHAWK-E	6.0	4.2	6.4	4.2	4.2	5.7	5.9	3.7	4.1	4.9
DP 7952	5.3	4.9	6.0	4.7	4.4	5.8	4.8	4.1	4.3	4.9
EA 41	5.7	3.6	5.5	4.5	4.9	6.0	5.9	3.8	4.4	4.9
PICK FA XK-95	5.5	3.8	6.3	3.7	4.9	6.0	5.8	4.0	4.3	4.9
SHORTSTOP II	5.7	4.2	5.5	4.4	4.9	5.8	5.7	3.8	4.2	4.9
PICK FA 15-92	5.6	5.2	6.0	3.5	4.2	6.0	6.2	3.3	4.1	4.9
OFI-951	5.6	4.0	6.0	3.9	4.3	6.1	6.2	3.5	4.6	4.9
REBEL 2000 (AA-989)	5.5	4.4	6.3	4.1	4.1	5.8	5.4	3.9	4.5	4.9
SUNPRO	5.7	3.2	5.8	4.1	4.4	6.0	6.2	3.9	4.4	4.9
CORONADO GOLD (PST-5RT)	5.8	3.7	6.5	3.7	4.6	6.1	5.3	3.5	4.6	4.9
PST-5TO	5.6	3.6	6.4	4.3	4.6	5.8	5.9	3.4	4.3	4.9
WX3-275	5.4	4.4	6.0	4.0	4.4	5.8	5.6	3.7	4.2	4.8
JSC-1	5.3	4.0	6.5	3.9	4.4	5.9	5.6	3.8	4.0	4.8
AA-983	5.1	4.1	6.3	3.9	4.1	5.9	5.8	3.8	4.3	4.8
AV-1	5.4	4.6	5.8	4.3	4.4	5.7	5.5	3.8	3.6	4.8
BAR FA6 US1	5.0	3.5	6.5	3.8	4.7	5.9	6.2	3.6	4.0	4.8
ARABIA (J-5)	4.7	5.0	5.8	3.5	3.9	6.0	5.8	3.7	4.4	4.8
PICK FA N-93	5.0	4.0	5.0	3.8	4.3	6.0	5.7	3.2	4.4	4.6
PICK FA UT-93	4.6	3.2	5.0	3.6	4.1	5.7	5.8	3.3	4.5	4.4
KENTUCKY-31 W/ENDO.	5.2	4.2	5.0	4.6	3.9	5.2	3.8	4.0	3.5	4.4
LSD VALUE	0.7	1.9	0.6	0.8	0.7	0.6	0.8	1.0	0.4	0.3
C.V. (%)	7.2	23.0	5.9	12.0	9.4	5.7	8.1	22.5	5.9	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 16.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT A 2.6+ INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	IA1	MI1	MO3	SC2	MEAN	NAME	IA1	MI1	MO3	SC2	MEAN
REMBRANDT (LTP-4026 E+)	4.0	5.5	6.8	6.3	5.7	PICK FA B-93	4.4	4.6	6.3	5.5	5.2
SHENANDOAH	5.5	6.0	5.6	5.5	5.6	REBEL 2000 (AA-989)	4.2	4.0	6.6	6.0	5.2
CU9501T	4.9	5.0	6.3	6.2	5.6	ANTHEM II (TMI-FMN)	4.3	5.0	5.9	5.6	5.2
PIXIE E+	4.9	5.0	6.1	6.2	5.6	ALAMO E	4.2	5.2	5.7	5.6	5.2
PLANTATION (PENNINGTON-1901)	4.7	5.3	6.5	5.7	5.6	WRS2	4.3	4.8	6.3	5.2	5.2
MB 29	4.4	5.1	6.8	5.8	5.5	COMSTOCK (SSDE31)	3.9	5.2	6.0	5.4	5.1
TITAN 2	5.6	5.8	5.2	5.5	5.5	DUSTER	4.7	4.4	6.3	5.1	5.1
MUSTANG II	4.5	6.0	5.6	5.9	5.5	EA 41	4.2	4.8	6.4	5.2	5.1
MB 216	4.6	4.7	6.8	5.8	5.5	EC-101	4.3	5.4	5.5	5.3	5.1
REBEL SENTRY (AA-A91)	4.8	5.2	6.4	5.5	5.5	MASTERPIECE (LTP-SD-TF)	4.1	4.7	6.4	5.3	5.1
J-101	4.3	5.3	6.5	5.7	5.5	TA-7	4.3	4.8	6.0	5.3	5.1
MILLENNIUM (TMI-RBR)	4.7	4.6	6.8	5.7	5.4	CORONADO	4.4	4.3	6.5	5.3	5.1
MB 28	4.6	5.2	6.6	5.3	5.4	AZTEC II (TMI-AZ)	4.6	5.0	5.6	5.3	5.1
ARID	5.4	6.0	5.0	5.3	5.4	ZPS-2PTF	4.1	4.7	6.5	5.2	5.1
SAFARI	5.1	6.0	5.4	5.2	5.4	MB 210	4.3	4.9	5.8	5.5	5.1
RENEGADE	5.3	5.2	5.8	5.3	5.4	COYOTE	4.2	4.6	6.5	5.1	5.1
MB 213	4.2	5.3	6.6	5.4	5.4	MARKSMAN	4.8	4.4	5.5	5.7	5.1
DLF-1	4.9	5.3	5.1	6.1	5.4	FALCON II	4.5	5.0	5.6	5.3	5.1
REGIMENT	4.8	5.4	5.5	5.6	5.3	JTTFC-96	4.4	5.4	5.4	5.1	5.1
PST-5M5	4.1	5.3	6.8	5.1	5.3	ZPS-5LZ	4.3	4.6	6.3	5.1	5.1
MB 214	4.2	4.9	6.7	5.5	5.3	PSII-TF-9	4.3	4.8	5.9	5.3	5.1
OFI-931	4.3	5.0	6.4	5.4	5.3	KITTY HAWK S.S.T. (SS45DW)	4.2	5.2	5.5	5.4	5.1
BAR FA6D USA	3.8	5.3	6.5	5.5	5.3	FINELAWN PETITE	4.6	4.8	5.9	5.1	5.1
ARID 3 (J-98)	3.9	4.9	6.7	5.7	5.3	MB 211	3.7	4.9	6.3	5.4	5.1
SOUTHERN CHOICE	4.8	5.2	5.8	5.3	5.3	ATF-196	4.1	4.7	6.0	5.5	5.1
MB 215	4.1	4.7	6.8	5.6	5.3	SR 8210	4.5	4.5	6.1	5.1	5.1
PST-523	4.8	5.4	5.7	5.2	5.3	OFI-951	3.6	4.1	7.1	5.4	5.1
PICK FA 6-91	3.9	5.1	6.5	5.7	5.3	BAR FA6 US6F	4.4	4.1	6.5	5.2	5.1
EMPRESS	4.1	4.8	7.0	5.1	5.3	LEPRECHAUN	4.3	4.4	6.0	5.6	5.1
GAZELLE	4.3	4.3	7.2	5.2	5.3	OFI-96-32	4.3	4.9	5.8	5.3	5.1
GENESIS	4.6	5.1	5.9	5.4	5.3	OFI-FWY	4.2	4.4	6.3	5.5	5.1
ATF-038	4.3	5.0	6.2	5.5	5.3	TWILIGHT II (TMI-TW)	4.2	4.4	6.3	5.4	5.1
MB 212	4.3	5.1	6.1	5.4	5.2	PICK RT-95	3.6	5.0	6.5	5.1	5.1
BANDANA (PST-R5AE)	4.7	4.9	6.1	5.2	5.2	SRX 8084	4.2	5.1	5.7	5.3	5.0
ISI-TF11	4.9	4.8	6.1	5.1	5.2	WOLFPACK (PST-R5TK)	4.3	4.8	5.9	5.3	5.0
SHORTSTOP II	4.5	4.6	6.0	5.7	5.2	APACHE II	3.9	4.8	6.1	5.3	5.0
OFI-96-31	4.4	5.0	6.2	5.3	5.2	WVPB-1D	4.8	5.0	5.3	5.1	5.0
TAR HEEL	4.0	4.9	6.5	5.5	5.2	ISI-TF9	3.8	5.3	6.0	5.1	5.0
CROSSFIRE II	4.8	4.5	6.3	5.2	5.2	JTTFA-96	4.4	5.5	5.0	5.2	5.0
TULSA	4.3	5.1	5.9	5.5	5.2	TOMAHAWK-E	3.8	4.5	6.6	5.2	5.0
BONSAI 2000 (BULLET)	4.3	5.3	5.8	5.5	5.2	PSII-TF-10	4.2	4.9	5.8	5.2	5.0
PC-AO	4.5	5.1	5.7	5.5	5.2	ATF-188	3.9	4.9	5.8	5.5	5.0
MB 26	3.7	4.7	6.6	5.8	5.2	WPEZE (WVPB-1C)	4.5	4.7	5.7	5.1	5.0
GOOD-EN (KOOS 94-14)	4.1	5.0	6.0	5.7	5.2	BRAVO (RG-93)	4.4	4.6	5.8	5.2	5.0

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	IA1	MI1	MO3	SC2	MEAN
COCHISE II	3.7	5.4	5.8	5.1	5.0
PST-5E5	4.0	4.3	6.5	5.1	5.0
RESERVE (ATF-182)	3.5	5.1	5.8	5.5	5.0
PICK FA 15-92	3.4	4.6	6.3	5.7	5.0
CORONADO GOLD (PST-5RT)	4.1	5.1	5.6	5.1	5.0
BAR FA6 US3	3.7	4.2	6.7	5.3	5.0
ARABIA (J-5)	3.3	4.4	6.6	5.6	5.0
SRX 8500	4.2	4.5	6.0	5.1	5.0
ATF-257	4.0	5.0	5.4	5.4	5.0
BAR FA 6LV	4.1	4.1	6.2	5.3	4.9
R5AU	3.8	4.2	6.0	5.7	4.9
ISI-TF10	3.8	4.8	6.0	5.1	4.9
ATF-253	4.2	4.4	5.8	5.4	4.9
WX3-275	4.2	4.7	5.7	5.1	4.9
PICK FA 20-92	3.4	4.6	6.3	5.3	4.9
JSC-1	4.1	4.7	5.6	5.1	4.9
ATF-020	4.1	4.3	5.9	5.3	4.9
BAR FA6 US2U	4.1	4.0	6.3	5.2	4.9
KENTUCKY-31 W/ENDO.	5.2	5.4	3.9	5.1	4.9
CU9502T	4.1	4.3	5.7	5.5	4.9
BAR FA 6D	3.7	4.0	6.3	5.5	4.9
JAGUAR 3	4.2	4.2	5.9	5.1	4.9
BONSAI	4.0	5.0	5.3	5.1	4.8
BAR FA6 US1	3.7	4.0	6.3	5.2	4.8
EQUINOX (TMI-N91)	3.8	4.4	5.5	5.6	4.8
DP 7952	4.6	4.3	4.7	5.6	4.8
PICK FA XK-95	3.5	4.4	6.0	5.2	4.8
ARID 2 (J-3)	2.9	4.5	6.2	5.5	4.8
DP 50-9011	3.6	4.5	5.5	5.5	4.8
LION	4.0	4.1	5.8	5.2	4.8
WVPB-1B	3.8	4.4	5.5	5.3	4.7
AV-1	4.3	4.7	4.8	5.2	4.7
PRO 8430	3.9	4.4	5.3	5.3	4.7
SUNPRO	3.4	4.5	5.9	5.1	4.7
AA-983	3.2	4.0	6.3	5.5	4.7
ATF-192	4.1	4.0	5.3	5.5	4.7
PICK GA-96	3.6	4.2	5.8	5.1	4.7
PICK FA N-93	2.9	3.7	7.0	5.2	4.7
ATF-022	3.9	4.2	5.2	5.5	4.7
PST-5TO	3.1	4.3	6.0	5.1	4.6
PICK FA UT-93	3.2	3.3	6.5	5.3	4.6
LSD VALUE	1.2	0.9	0.7	0.9	0.5
C.V. (%)	18.1	12.0	6.7	10.4	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.

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

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

NAME	IRRIGATION PRACTICED			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
PLANTATION (PENNINGTON-1901)	6.4	5.3	5.9	6.1
MILLENNIUM (TMI-RBR)	6.3	5.7	5.5	6.1
REMBRANDT (LTP-4026 E+)	6.2	5.7	6.2	6.1
ARID 3 (J-98)	6.1	5.5	5.7	6.0
REBEL SENTRY (AA-A91)	6.1	5.5	5.6	5.9
SOUTHERN CHOICE	6.1	5.4	5.6	5.9
MB 29	6.1	5.1	5.8	5.9
RENEGADE	6.0	5.4	5.6	5.9
ZPS-2PTF	6.0	5.5	5.4	5.8
MB 26	6.0	5.2	5.6	5.8
CJ9501T	6.0	5.3	5.6	5.8
J-101	6.0	5.1	5.7	5.8
GENESIS	6.0	5.1	5.8	5.8
OFI-96-31	6.1	5.1	5.5	5.8
SHENANDOAH	5.9	5.3	5.7	5.8
MB 214	6.0	5.0	5.7	5.8
MB 28	6.0	5.2	5.5	5.8
CJ9502T	6.1	5.2	5.3	5.8
WRS2	6.0	5.3	5.4	5.8
CROSSFIRE II	6.0	5.1	5.3	5.8
MUSTANG II	5.9	5.3	5.8	5.8
MASTERPIECE (LTP-SD-TF)	6.0	5.1	5.5	5.8
OFI-931	6.0	5.2	5.5	5.8
PIXIE E+	5.9	5.4	5.7	5.8
BAR FA6 US3	6.1	5.0	5.3	5.8
REGIMENT	5.9	5.3	5.5	5.7
BAR FA 6D	6.0	5.1	5.3	5.7
GAZELLE	6.0	5.3	5.3	5.7
PICK FA B-93	6.0	5.1	5.4	5.7
MB 212	5.8	5.3	5.7	5.7
MB 213	6.0	5.0	5.5	5.7
PICK RT-95	5.8	5.4	5.6	5.7
TA-7	6.0	4.9	5.5	5.7
EST-523	6.0	4.9	5.5	5.7
ATF-038	5.9	5.2	5.5	5.7
BONSAI 2000 (BULLET)	5.9	5.2	5.6	5.7
BAR FA 6LV	5.9	5.0	5.3	5.7
COYOTE	5.9	5.1	5.5	5.7
DUSTER	5.9	5.4	5.2	5.7
EMPRESS	5.9	5.1	5.3	5.7
MB 210	5.9	5.1	5.4	5.7
APACHE II	5.9	4.9	5.5	5.7
SR 8210	6.0	4.9	5.2	5.7
TULSA	5.8	5.3	5.5	5.7
SAFARI	5.8	5.1	5.6	5.7

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IRRIGATION PRACTICED			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
REBEL 2000 (AA-989)	5.9	4.9	5.5	5.7
MB 211	5.9	5.1	5.5	5.7
MB 216	5.9	4.9	5.6	5.7
AZTEC II (TMI-AZ)	5.9	4.8	5.4	5.7
ATF-196	5.8	5.3	5.4	5.7
JAGUAR 3	5.9	5.2	5.3	5.6
FALCON II	5.8	5.1	5.5	5.6
ARID 2 (J-3)	5.8	5.2	5.4	5.6
RESERVE (ATF-182)	5.8	5.3	5.5	5.6
CORONADO	5.9	4.8	5.3	5.6
SRX 8500	5.9	4.8	5.4	5.6
TAR HEEL	5.8	4.9	5.5	5.6
PST-5E5	5.9	5.0	5.2	5.6
ISI-TF11	5.8	5.1	5.4	5.6
OFI-96-32	5.8	5.1	5.4	5.6
MB 215	5.8	5.2	5.5	5.6
ANTHEM II (TMI-FMN)	5.8	5.1	5.5	5.6
BAR FA6 US2U	6.0	4.6	5.3	5.6
TITAN 2	5.7	5.1	5.6	5.6
ALAMO E	5.8	5.1	5.5	5.6
WPEZE (WVPB-1C)	5.8	4.9	5.3	5.6
PICK FA 20-92	5.9	4.8	5.2	5.6
ISI-TF9	5.8	4.9	5.4	5.6
PST-5M5	5.7	5.2	5.5	5.6
BRAVO (RG-93)	5.8	4.9	5.3	5.6
ZPS-5LZ	5.8	5.1	5.3	5.6
SHORTSTOP II	5.8	4.7	5.3	5.6
BAR FA6D USA	5.7	4.9	5.7	5.6
PICK GA-96	5.9	4.7	5.2	5.6
BAR FA6 US1	5.9	4.4	5.3	5.6
PICK FA 6-91	5.8	4.8	5.5	5.6
OFI-FWY	5.8	5.0	5.2	5.6
PSII-TF-9	5.7	5.1	5.2	5.6
ISI-TF10	5.8	4.7	5.3	5.5
FINELAWN PETITE	5.8	4.9	5.3	5.5
GOOD-EN (KOOS 94-14)	5.8	4.7	5.5	5.5
OFI-951	5.8	4.9	5.1	5.5
LEPRECHAUN	5.7	5.0	5.3	5.5
EC-101	5.7	4.8	5.5	5.5
PICK FA XK-95	5.8	4.5	5.2	5.5
WVPB-1B	5.7	5.0	5.3	5.5
ATF-188	5.7	5.0	5.3	5.5
MARKSMAN	5.7	4.6	5.4	5.5
BAR FA6 US6F	5.7	4.9	5.2	5.5
WOLFPACK (PST-R5TK)	5.7	4.7	5.3	5.5

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IRRIGATION PRACTICED			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
SUNPRO	5.8	4.4	5.3	5.5
COCHISE II	5.7	5.0	5.3	5.5
PICK FA 15-92	5.7	4.8	5.2	5.5
WVPB-1D	5.7	4.6	5.3	5.5
BANDANA (PST-R5AE)	5.7	5.0	5.2	5.5
TWILIGHT II (TMI-TW)	5.7	4.8	5.2	5.5
PC-AO	5.6	4.9	5.5	5.5
PSII-TF-10	5.6	4.9	5.2	5.4
ARABIA (J-5)	5.6	4.9	5.4	5.4
R5AU	5.6	5.2	5.2	5.4
EA 41	5.6	4.7	5.3	5.4
ATF-020	5.5	5.2	5.2	5.4
TOMAHAWK-E	5.6	4.8	5.1	5.4
AA-983	5.6	4.6	5.3	5.4
WX3-275	5.6	4.6	5.2	5.4
ATF-022	5.6	4.9	5.2	5.4
SRX 8084	5.6	4.7	5.4	5.4
PRO 8430	5.6	4.8	5.1	5.4
KITTY HAWK S.S.T. (SS45DW)	5.5	4.7	5.3	5.4
ATF-257	5.5	4.9	5.3	5.4
CORONADO GOLD (PST-5RT)	5.6	4.4	5.4	5.3
LION	5.6	4.8	4.9	5.3
COMSTOCK (SSDE31)	5.5	4.6	5.4	5.3
BONSAI	5.5	4.7	5.2	5.3
EQUINOX (TMI-N91)	5.5	4.6	5.2	5.3
ATF-253	5.4	5.0	5.1	5.3
DP 50-9011	5.5	4.6	5.1	5.3
PST-5TO	5.5	4.5	5.0	5.3
JSC-1	5.4	4.4	5.1	5.2
PICK FA N-93	5.4	4.8	4.9	5.2
ARID	5.2	4.9	5.3	5.2
JTTFC-96	5.3	4.7	5.2	5.2
JTTFA-96	5.3	4.6	5.3	5.2
PICK FA UT-93	5.5	4.5	4.7	5.2
DLF-1	5.2	4.6	5.4	5.1
ATF-192	5.3	4.7	4.9	5.1
DP 7952	5.1	4.6	4.9	5.0
AV-1	5.0	4.3	5.0	4.9
KENTUCKY-31 W/ENDO.	4.2	4.0	4.8	4.3
LSD VALUE	0.2	0.6	0.5	0.2
C.V. (%)	9.8	13.9	12.8	11.0

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.

TABLE 18.

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																
	AR1	CA1	IA1	IL1	IN1	KS2	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
PLANTATION (PENNINGTON-1901)	7.1	7.5	4.7	6.1	6.1	6.5	5.2	6.8	5.9	5.8	7.6	7.6	6.4	6.1	6.3	6.3	6.4
MILLENNIUM (TMI-RER)	6.6	7.5	4.7	6.0	6.5	6.7	5.0	6.0	6.9	5.9	8.0	8.0	6.4	5.9	5.6	5.8	6.3
REMBRANDT (LTP-4026 E+)	7.0	7.2	4.0	6.1	6.4	6.4	5.3	6.5	5.4	5.6	6.1	7.9	6.4	6.0	6.0	6.1	6.2
ARID 3 (J-98)	6.5	7.2	3.9	5.6	5.9	6.2	4.4	6.7	6.3	5.4	7.7	7.5	6.1	6.6	6.2	5.9	6.1
REBEL SENTRY (AA-A91)	5.9	7.5	4.8	6.4	5.8	6.4	4.9	6.6	5.5	5.7	6.0	7.9	6.2	6.3	5.6	6.1	6.1
MB 29	6.6	7.1	4.4	6.0	5.9	6.5	4.9	6.5	5.8	5.6	6.7	7.8	6.1	5.2	5.6	6.8	6.1
SOUTHERN CHOICE	6.5	7.5	4.8	6.3	6.2	6.8	5.2	6.1	5.0	4.9	7.2	7.5	6.0	5.2	6.3	5.8	6.1
BAR FA6 US3	6.4	7.1	3.7	5.5	6.0	6.1	4.8	6.1	5.7	5.8	7.3	7.5	6.2	5.5	6.4	6.8	6.1
OFI-96-31	5.9	7.1	4.4	6.1	6.1	6.5	4.6	6.3	5.8	5.3	7.3	7.5	6.3	5.7	6.3	6.1	6.1
CU9502T	6.0	7.8	4.1	6.2	6.2	6.3	5.1	6.3	5.3	4.5	7.1	7.8	6.4	5.9	5.7	6.3	6.1
CROSSFIRE II	6.6	7.3	4.8	5.6	6.1	6.1	5.2	6.2	5.7	4.7	7.6	7.4	6.2	5.4	5.7	6.1	6.0
MB 214	6.4	7.1	4.2	6.1	5.7	6.4	4.5	6.1	5.7	5.2	7.6	8.4	5.9	4.9	5.7	6.6	6.0
MB 26	6.7	7.3	3.7	5.8	5.7	5.8	4.6	6.7	6.3	5.3	7.3	8.1	6.1	5.0	5.8	6.2	6.0
RENEGADE	6.2	7.4	5.3	6.1	5.8	6.5	5.1	5.9	5.1	4.9	7.6	7.4	6.5	5.3	5.7	5.8	6.0
ZPS-2PTF	6.8	7.2	4.1	6.0	6.0	6.3	5.0	5.8	5.4	5.4	6.4	7.9	6.3	4.5	6.5	6.8	6.0
J-101	6.1	7.3	4.3	5.7	5.7	6.0	4.2	6.0	5.9	5.3	7.2	7.6	6.0	7.2	5.7	6.3	6.0
CU9501T	5.6	7.5	4.9	5.8	5.9	6.6	4.7	6.6	5.4	5.2	6.1	7.8	6.2	6.0	5.9	6.1	6.0
MB 28	5.8	7.1	4.6	5.2	6.0	6.5	5.2	6.2	6.1	4.9	7.7	7.6	6.1	5.3	5.9	6.2	6.0
GENESIS	6.3	7.0	4.6	6.2	6.2	6.5	4.8	5.4	5.4	4.8	7.6	7.4	6.1	6.0	6.2	5.8	6.0
BAR FA 6D	6.0	7.3	3.7	5.6	6.1	6.8	5.0	6.2	5.7	5.2	6.7	8.2	6.0	5.8	5.8	6.0	6.0
MASTERPIECE (LTP-SD-TF)	6.4	7.3	4.1	5.9	6.3	6.8	5.1	6.0	5.2	5.0	6.4	7.5	6.3	5.5	5.7	6.3	6.0
WRS2	6.5	7.5	4.3	6.0	5.7	6.4	5.0	6.0	5.2	5.3	7.4	7.8	6.1	5.1	5.4	5.9	6.0
TA-7	5.8	7.1	4.3	5.7	6.0	6.4	4.8	6.1	5.5	5.8	6.7	7.6	6.2	6.1	5.9	5.8	6.0
SR 8210	6.0	7.2	4.5	6.3	6.1	6.0	4.7	5.7	5.4	4.8	6.4	8.1	6.3	5.3	6.6	6.3	6.0
PICK FA B-93	6.7	6.9	4.4	5.7	6.3	5.9	4.7	6.2	5.3	5.4	5.6	7.9	6.4	5.8	6.4	6.2	6.0
PST-523	6.5	7.4	4.8	6.1	5.9	6.5	4.8	5.8	5.4	4.9	6.2	7.4	6.3	5.8	5.9	5.8	6.0
MB 213	5.9	7.2	4.2	5.8	5.7	6.4	4.8	6.1	6.2	5.5	6.9	7.7	5.9	4.8	6.4	6.1	6.0
OFI-931	6.4	7.0	4.3	6.1	5.8	6.8	4.6	6.0	5.3	4.8	6.8	7.1	6.2	5.9	6.1	6.3	6.0
BAR FA6 US2U	6.3	7.1	4.1	5.3	5.9	6.4	4.7	6.3	6.1	5.0	7.0	7.1	6.2	5.5	5.9	6.5	6.0
GAZELLE	6.2	7.0	4.3	5.9	6.0	5.9	5.0	6.4	5.8	6.0	4.9	7.9	6.0	5.5	6.4	6.1	6.0
BAR FA 6LV	6.8	7.5	4.1	5.3	5.5	6.3	4.7	6.3	5.4	5.3	6.2	7.8	6.3	6.2	5.7	5.8	5.9
SHENANDOAH	7.0	7.3	5.5	6.0	6.0	6.5	4.8	5.8	4.3	4.2	7.4	7.2	6.2	5.1	6.2	5.6	5.9
AZTEC II (TMI-AZ)	5.7	7.4	4.6	5.8	5.9	6.4	4.8	5.3	5.4	5.0	7.0	7.7	6.5	5.6	5.9	6.1	5.9
EMPRESS	6.5	7.2	4.1	6.3	5.8	6.9	4.7	6.4	5.1	5.1	5.1	7.5	5.9	5.7	6.3	6.2	5.9
APACHE II	6.3	7.4	3.9	6.2	5.8	6.3	5.0	6.3	5.4	5.4	6.4	7.5	5.9	5.4	6.1	5.7	5.9
REBEL 2000 (AA-989)	7.0	7.1	4.2	5.5	5.7	6.3	4.1	5.8	5.6	5.0	7.1	7.3	5.8	6.4	5.4	6.6	5.9
CORONADO	6.5	7.4	4.4	6.0	5.8	6.3	5.3	6.0	5.9	5.4	5.2	7.7	6.0	5.0	6.1	5.8	5.9
REGIMENT	6.5	7.5	4.8	6.1	5.8	6.3	5.2	5.6	5.2	4.7	6.4	7.3	6.5	5.2	5.9	5.8	5.9
BAR FA6 US1	6.3	6.9	3.7	5.0	5.9	6.5	4.7	6.3	5.6	5.4	7.2	7.8	5.9	4.8	6.2	6.5	5.9
PST-5E5	6.3	6.9	4.0	5.8	6.0	6.8	4.8	5.3	5.3	5.0	7.1	7.6	6.1	5.3	6.0	6.0	5.9
MB 210	5.5	7.4	4.3	5.9	5.7	6.8	5.2	5.8	5.4	5.0	6.8	7.9	6.1	4.9	5.9	5.7	5.9
SRX 8500	6.4	7.1	4.2	6.2	5.7	6.3	4.6	6.0	5.5	5.4	6.3	7.3	5.8	5.8	6.0	5.9	5.9
DUSTER	6.0	7.0	4.7	5.8	5.9	6.4	4.7	6.3	4.8	4.5	6.6	7.6	6.0	6.3	6.2	5.7	5.9
MB 216	6.3	7.2	4.6	6.1	5.5	6.3	4.7	6.2	5.6	5.0	6.1	8.1	5.6	5.2	5.6	6.1	5.9

TABLE 18. (CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																
	ARI	CA1	IA1	IL1	IN1	KS2	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
PICK FA 20-92	5.5	7.2	3.4	5.1	6.0	6.4	5.0	6.3	5.7	5.4	6.9	7.8	6.0	5.6	5.6	6.1	5.9
PICK GA-96	6.4	7.2	3.6	5.8	6.0	6.0	4.5	6.3	5.3	4.8	7.6	7.3	6.0	5.2	6.0	6.0	5.9
PIXIE E+	5.7	7.4	4.9	5.9	5.8	6.1	5.3	6.0	4.4	4.7	6.7	7.7	6.1	5.7	5.8	5.8	5.9
COYOTE	6.0	7.0	4.2	5.7	5.7	6.1	4.4	6.0	5.6	5.8	5.3	7.9	6.0	5.6	6.2	6.3	5.9
ATF-038	6.7	7.3	4.3	5.3	5.6	6.2	4.2	6.5	5.3	4.5	7.2	7.5	6.2	5.7	5.4	5.9	5.9
MUSTANG II	6.2	7.2	4.5	5.9	6.1	6.4	5.1	6.1	4.4	4.3	7.0	7.3	6.3	5.7	5.7	5.6	5.9
MB 211	6.3	7.0	3.7	5.8	5.8	6.0	5.1	6.0	5.3	4.9	6.0	7.6	6.2	5.9	5.9	6.2	5.9
BONSAI 2000 (BULLET)	5.6	7.6	4.3	6.0	6.0	6.3	5.0	5.5	5.2	5.1	6.3	7.6	6.1	5.0	6.3	5.7	5.9
JAGUAR 3	6.2	7.4	4.2	5.4	6.0	6.4	4.7	6.5	4.8	4.3	7.1	7.8	6.3	5.2	5.5	6.0	5.9
PICK FA XK-95	6.8	7.1	3.5	5.5	5.3	6.3	4.9	5.6	6.0	5.3	6.4	7.8	6.0	5.5	5.8	5.8	5.8
TAR HEEL	6.5	7.2	4.0	6.1	5.8	6.6	4.4	5.3	5.6	5.4	6.0	7.6	6.2	5.4	5.7	5.8	5.8
PICK RT-95	7.0	7.1	3.6	5.6	6.0	5.8	4.9	6.0	5.2	5.4	6.1	7.6	6.1	5.1	5.9	6.1	5.8
MB 212	6.3	7.4	4.3	6.1	5.8	6.4	5.0	5.7	5.3	5.1	4.8	7.6	6.0	5.7	5.8	6.1	5.8
SAFARI	6.3	7.1	5.1	6.5	5.8	6.3	5.3	5.5	4.1	4.3	7.0	7.5	6.5	5.0	5.8	5.4	5.8
ISI-TF10	6.5	7.0	3.8	5.5	5.6	6.4	4.9	5.5	5.6	5.1	6.8	7.3	6.0	5.4	5.8	6.1	5.8
SHORTSTOP II	5.4	7.2	4.5	5.7	5.5	5.5	4.9	6.0	5.9	4.6	7.3	7.0	5.8	6.4	5.7	6.2	5.8
ARID 2 (J-3)	5.1	7.2	2.9	5.3	5.4	6.1	4.4	6.1	6.0	5.0	7.2	7.8	6.0	6.4	6.2	6.1	5.8
ISI-TF11	6.0	7.1	4.9	6.2	5.5	6.6	5.1	5.6	4.8	4.4	6.4	7.8	6.3	5.1	5.9	5.5	5.8
FALCON II	6.0	7.1	4.5	6.4	5.8	6.7	5.0	6.3	4.7	4.4	6.3	7.3	6.2	5.2	5.8	5.7	5.8
OFI-96-32	6.0	7.4	4.3	6.2	5.8	6.7	5.1	5.8	4.8	4.6	6.2	7.6	6.3	5.4	5.8	5.4	5.8
SUNPRO	6.9	6.9	3.4	5.7	6.2	5.8	4.4	6.4	5.7	4.8	6.0	7.4	6.0	4.9	6.2	6.2	5.8
ATF-196	6.1	6.9	4.1	4.8	5.7	5.8	5.2	6.0	5.3	5.0	6.9	7.3	6.1	5.8	6.0	6.2	5.8
TULSA	5.7	7.5	4.3	5.9	5.9	6.3	4.8	5.7	5.0	5.0	4.9	8.0	6.4	5.7	6.0	6.0	5.8
WPEZE (WVPB-1C)	5.5	7.3	4.5	6.0	5.5	6.3	5.1	5.1	4.9	4.9	7.2	7.4	6.2	5.5	5.7	5.7	5.8
BRAVO (RG-93)	6.0	7.2	4.4	5.9	6.0	6.4	4.7	4.7	5.0	4.9	7.7	7.7	5.8	5.0	5.6	5.8	5.8
ISI-TF9	5.8	7.5	3.8	6.0	5.7	6.5	4.8	6.0	5.3	4.4	6.2	7.8	6.2	5.3	5.6	5.9	5.8
OFI-951	5.7	7.1	3.6	5.6	5.4	6.0	4.3	6.0	5.1	5.1	6.7	8.0	6.1	5.5	6.2	6.3	5.8
ANTHEM II (TMI-FMN)	5.8	7.3	4.3	5.4	5.4	6.6	4.9	5.4	5.7	4.7	6.3	7.4	6.2	5.5	6.0	5.8	5.8
ZPS-5LZ	6.7	6.9	4.3	5.5	5.3	6.0	4.5	6.2	5.9	5.3	5.9	7.5	5.9	4.8	5.8	5.8	5.8
OFI-FWY	6.8	7.1	4.2	5.7	5.9	6.5	4.8	6.1	4.7	5.0	6.6	7.3	6.3	4.1	5.7	5.8	5.8
MB 215	6.0	6.8	4.1	5.8	5.7	6.3	4.4	6.3	5.7	5.1	5.6	8.2	5.8	5.2	5.6	6.1	5.8
FINELAWN PETITE	5.5	7.1	4.6	5.5	5.8	6.6	5.2	5.2	5.1	4.5	6.2	7.9	6.2	5.8	5.3	5.7	5.8
PICK FA 6-91	5.6	7.0	3.9	5.6	5.5	6.4	4.4	6.1	6.1	4.9	4.1	7.5	6.0	6.6	6.3	6.3	5.8
ALAMO E	6.2	7.1	4.2	6.0	5.3	5.9	5.1	5.5	5.1	4.8	5.8	7.8	6.0	5.4	6.1	5.9	5.8
GOOD-EN (KOOS 94-14)	6.0	7.4	4.1	5.6	5.3	6.2	4.8	6.1	5.2	4.9	6.8	7.8	5.7	4.9	5.7	5.7	5.8
RESERVE (ATF-182)	6.5	6.9	3.5	6.1	5.8	6.4	4.2	5.1	4.5	4.4	7.3	7.7	6.4	5.5	5.8	5.8	5.8
TITAN 2	5.8	7.0	5.6	6.6	5.6	6.6	4.7	5.6	4.2	3.8	7.3	7.3	5.9	5.0	5.4	5.4	5.7
MARKSMAN	6.5	7.1	4.8	6.0	5.8	6.4	4.8	5.9	4.6	4.3	5.8	7.4	5.9	4.8	5.9	5.8	5.7
PICK FA 15-92	5.5	7.1	3.4	5.6	5.8	6.0	4.2	6.0	5.6	4.3	6.2	7.5	6.0	6.7	6.2	5.8	5.7
PSII-TF-9	5.8	6.8	4.3	6.0	5.8	6.5	4.7	5.2	4.6	4.6	7.2	7.4	5.9	5.3	6.2	5.7	5.7
WOLFPACK (PST-R5TK)	6.0	7.1	4.3	6.1	5.9	6.4	5.3	5.8	4.7	5.0	5.0	7.5	6.4	5.1	5.7	5.4	5.7
WVPB-1D	6.3	7.4	4.8	5.9	5.5	6.0	4.8	5.8	5.1	4.2	6.3	7.5	6.1	4.6	5.9	5.5	5.7
BAR FA6 US6F	6.7	7.5	4.4	5.9	5.6	6.1	4.6	5.1	5.4	5.1	3.9	7.8	6.1	5.9	5.8	5.8	5.7
LEPRECHAUN	5.9	7.3	4.3	6.0	5.8	6.4	4.6	5.6	4.6	4.2	7.2	7.5	5.9	4.3	5.7	6.2	5.7
EC-101	5.5	7.0	4.3	5.8	6.0	6.3	4.6	6.0	4.8	4.6	5.6	7.7	6.1	5.7	5.7	5.7	5.7

TABLE 18. (CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																
	AR1	CA1	IA1	IL1	IN1	KS2	MO1	NE1	NJ1	NJ2	NY1	OH1	OK1	RI1	UT1	WA1	MEAN
TWILIGHT II (TMI-TW)	5.6	7.2	4.2	5.2	5.1	6.3	4.9	5.0	5.5	5.0	6.3	7.0	6.1	5.9	5.7	6.1	5.7
WVPB-1B	5.9	7.0	3.8	5.6	6.1	6.5	5.3	5.5	5.0	4.8	5.8	7.5	6.1	5.2	5.5	5.4	5.7
ATF-188	5.1	7.3	3.9	5.8	6.0	6.1	4.6	5.5	4.8	4.3	6.8	7.6	6.2	5.6	5.7	5.8	5.7
PST-5M5	6.0	7.0	4.1	5.5	5.9	6.8	5.0	6.1	4.9	4.9	4.1	7.8	6.1	4.8	6.0	6.1	5.7
BAR FA6D USA	5.0	7.0	3.8	5.4	5.9	6.6	4.6	5.9	5.9	5.2	5.1	7.5	6.1	5.2	5.7	6.0	5.7
COCHISE II	6.1	7.0	3.7	5.7	5.5	6.1	4.6	5.5	4.7	4.1	7.4	7.6	5.8	5.2	5.6	5.9	5.7
BANDANA (PST-R5AE)	5.4	7.4	4.7	6.0	5.5	6.6	4.9	4.5	4.2	4.1	6.0	7.8	6.4	5.2	5.7	6.1	5.7
WX3-275	5.8	7.0	4.2	5.4	5.5	6.0	4.4	5.5	4.9	4.2	7.6	7.4	5.8	5.8	5.6	5.3	5.6
PSII-TF-10	5.4	7.1	4.2	5.6	5.4	6.4	4.8	5.8	4.6	4.4	6.4	7.5	6.1	5.2	5.7	5.8	5.6
TOMAHAWK-E	5.5	6.7	3.8	6.0	5.5	6.4	4.2	6.2	5.0	3.9	5.7	7.7	5.7	6.1	5.9	5.8	5.6
EA 41	6.5	6.8	4.2	5.7	5.2	5.5	4.9	5.3	5.2	4.2	5.0	7.8	6.0	5.6	5.9	6.2	5.6
AA-983	5.8	6.5	3.2	5.1	5.5	6.3	4.1	6.6	4.6	4.4	5.8	7.6	5.9	6.4	5.8	6.2	5.6
ARABIA (J-5)	5.8	7.1	3.3	4.7	5.4	5.8	3.9	5.2	5.8	5.1	6.7	7.3	6.0	5.7	5.8	6.3	5.6
ATF-022	6.4	6.8	3.9	4.9	5.1	6.0	4.1	6.3	4.7	4.1	6.8	7.4	6.1	5.7	5.3	5.8	5.6
LION	5.5	7.0	4.0	5.6	5.3	6.2	4.8	5.7	4.6	4.4	4.8	8.0	6.1	6.1	5.4	5.8	5.6
PC-AO	5.6	7.0	4.5	5.2	5.7	6.2	4.4	6.0	4.3	4.3	6.3	7.6	5.9	4.8	5.7	5.8	5.6
PRO 8430	5.6	7.2	3.9	5.9	5.8	6.1	4.4	5.9	3.6	4.0	6.4	7.6	6.3	4.8	5.7	5.8	5.6
CORONADO GOLD (PST-5RT)	6.0	7.0	4.1	5.8	5.6	6.5	4.6	5.2	5.0	4.5	5.1	7.3	6.1	5.1	5.3	5.8	5.6
R5AU	6.0	7.3	3.8	5.8	6.0	6.4	4.9	4.5	5.2	4.4	4.0	7.3	6.3	5.8	5.8	5.6	5.6
SRX 8084	5.6	7.2	4.2	6.2	5.5	6.0	4.9	5.8	4.3	4.2	5.2	7.6	5.9	4.6	5.8	5.8	5.6
ATF-020	5.7	6.8	4.1	4.9	5.5	6.2	4.6	6.0	4.7	4.3	6.0	7.6	6.0	5.5	5.4	5.7	5.5
KITTY HAWK S.S.T. (SS45DW)	5.5	6.9	4.2	5.6	5.7	6.5	4.6	5.0	4.3	4.2	6.6	7.3	5.6	5.4	5.7	5.7	5.5
PST-5TO	5.8	7.0	3.1	5.6	5.7	6.4	4.6	5.1	5.0	4.6	5.4	7.5	5.8	5.3	5.9	5.8	5.5
EQUINOX (TMI-N91)	5.4	7.3	3.8	5.8	5.4	6.2	5.0	4.7	4.3	4.2	5.6	7.6	5.8	5.7	5.8	5.8	5.5
DP 50-9011	5.5	6.9	3.6	5.3	6.0	6.3	4.7	5.0	4.3	3.5	7.0	7.8	6.0	5.2	5.7	5.5	5.5
BONSAI	5.4	6.7	4.0	5.7	5.7	6.0	4.6	5.9	4.1	3.8	6.2	7.3	5.7	4.9	5.9	5.8	5.5
ATF-257	5.9	6.7	4.0	5.8	5.6	6.1	4.8	5.2	3.8	4.3	6.0	7.1	6.3	5.1	5.9	5.3	5.5
COMSTOCK (SSDE31)	5.5	6.9	3.9	5.6	5.5	6.7	5.2	5.6	4.4	4.1	4.6	7.4	5.9	5.7	5.1	5.4	5.5
PICK FA UT-93	5.1	6.9	3.2	4.6	5.3	5.0	4.1	5.5	5.0	4.6	6.4	7.8	5.7	5.9	5.8	6.3	5.5
JSC-1	4.3	6.8	4.1	5.3	5.6	6.5	4.4	5.5	4.3	3.9	6.1	7.5	5.9	5.7	5.6	5.7	5.4
ATF-253	5.6	6.9	4.2	5.3	5.3	6.4	4.7	5.2	4.7	4.5	4.2	7.5	6.1	5.3	5.3	5.7	5.4
PICK FA N-93	5.1	6.7	2.9	5.0	5.8	5.0	4.3	5.4	5.5	4.8	5.7	7.6	6.0	5.0	5.7	5.6	5.4
ATF-192	5.4	6.6	4.1	5.4	5.2	6.3	4.8	4.0	4.1	3.8	5.8	6.8	6.2	5.5	5.6	5.3	5.3
JTTFC-96	5.6	7.0	4.4	5.5	5.5	6.4	4.9	4.8	3.7	3.5	5.7	6.9	6.3	4.6	5.0	5.0	5.3
JTTFA-96	5.3	6.8	4.4	5.6	5.5	5.8	4.6	4.1	3.4	3.7	6.3	7.3	6.2	4.6	5.8	5.2	5.3
ARID	5.3	6.4	5.4	5.9	5.5	6.0	4.7	4.9	3.3	2.8	5.7	7.0	6.1	4.4	5.3	5.2	5.2
DLF-1	4.9	6.5	4.9	5.4	5.4	6.3	4.7	5.3	3.3	3.2	4.1	7.3	5.8	5.4	5.5	5.3	5.2
DP 7952	5.0	6.7	4.6	5.3	5.1	6.0	4.4	4.7	2.7	2.9	7.0	7.1	5.8	4.1	4.8	5.3	5.1
AV-1	4.4	6.0	4.3	5.4	5.1	5.8	4.4	4.8	2.8	3.0	4.4	7.0	5.7	5.7	5.5	4.9	5.0
KENTUCKY-31 W/ENDO.	3.7	4.6	5.2	5.2	4.3	5.0	3.9	3.0	2.0	1.3	5.7	6.2	5.2	4.1	3.8	3.8	4.2
LSD VALUE	1.0	0.5	1.2	0.7	0.5	0.6	0.7	0.8	0.9	0.7	2.2	0.6	0.6	0.5	0.8	0.6	0.2
C.V. (%)	10.2	4.3	18.1	7.2	5.6	5.9	9.4	9.0	11.0	8.9	21.9	4.9	5.7	5.9	8.1	6.8	9.8

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 19.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IRRIGATED TO PREVENT DORMANCY 1/
1997 DATA

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

NAME	IL2	MD1	MO3	VA4	MEAN	NAME	IL2	MD1	MO3	VA4	MEAN
REMBRANDT (LTP-4026 E+)	6.6	4.7	6.8	4.7	5.7	BAR FA 6D	5.4	4.5	6.3	4.0	5.1
MILLENNIUM (TMI-RBR)	6.8	4.5	6.8	4.6	5.7	ANTHEM II (TMI-FMN)	5.8	4.3	5.9	4.4	5.1
ARID 3 (J-98)	6.1	4.7	6.7	4.7	5.5	MB 210	5.3	4.7	5.8	4.5	5.1
ZPS-2PTF	6.4	4.5	6.5	4.6	5.5	OFI-96-32	6.0	4.1	5.8	4.4	5.1
REBEL SENTRY (AA-A91)	6.1	5.1	6.4	4.4	5.5	MB 211	5.8	3.9	6.3	4.3	5.1
PICK RT-95	6.6	3.9	6.5	4.8	5.4	FALCON II	5.0	5.3	5.6	4.4	5.1
RENEGADE	6.4	5.3	5.8	4.2	5.4	TITAN 2	5.9	5.2	5.2	4.0	5.1
SOUTHERN CHOICE	6.5	5.1	5.8	4.2	5.4	ALAMO E	5.4	4.9	5.7	4.3	5.1
PIXIE E+	6.0	4.9	6.1	4.4	5.4	EMPRESS	3.9	5.1	7.0	4.3	5.1
DUSTER	5.8	4.7	6.3	4.5	5.4	ZPS-5LZ	5.1	4.2	6.3	4.5	5.1
MUSTANG II	6.4	4.5	5.6	4.9	5.3	BAR FA 6LV	5.1	4.5	6.2	4.4	5.0
TULSA	6.5	4.7	5.9	4.4	5.3	LEPRECHAUN	4.8	5.1	6.0	4.3	5.0
MB 212	6.6	4.1	6.1	4.6	5.3	PST-5E5	4.5	4.5	6.5	4.4	5.0
SHENANDOAH	6.2	5.3	5.6	4.2	5.3	BANDANA (PST-R5AE)	4.7	4.7	6.1	4.5	5.0
PLANTATION (PENNINGTON-1901)	5.2	4.8	6.5	4.8	5.3	COCHISE II	5.1	4.7	5.8	4.3	5.0
RESERVE (ATF-182)	6.2	4.4	5.8	4.9	5.3	OFI-FWY	4.5	4.9	6.3	4.3	5.0
ATF-196	6.2	4.5	6.0	4.5	5.3	MB 214	4.7	4.3	6.7	4.3	5.0
CU9501T	5.2	5.3	6.3	4.5	5.3	ATF-253	5.8	4.1	5.8	4.3	5.0
WRS2	5.7	4.5	6.3	4.7	5.3	WVPB-1B	6.1	4.3	5.5	4.0	5.0
GAZELLE	5.2	4.4	7.2	4.3	5.3	MB 213	5.1	3.9	6.6	4.2	5.0
REGIMENT	6.5	4.7	5.5	4.3	5.3	BAR FA6 US3	4.5	4.1	6.7	4.6	5.0
OFI-931	5.3	4.8	6.4	4.5	5.2	ATF-188	4.9	4.3	5.8	4.8	5.0
MB 26	5.4	4.5	6.6	4.5	5.2	BAR FA6D USA	4.6	4.3	6.5	4.3	4.9
ATF-038	6.0	4.1	6.2	4.5	5.2	WPEZE (WVPB-1C)	5.4	4.3	5.7	4.3	4.9
PST-5M5	5.5	3.9	6.8	4.6	5.2	BRAVO (RG-93)	5.6	4.3	5.8	4.1	4.9
CU9502T	5.5	5.0	5.7	4.6	5.2	SR 8210	5.0	4.2	6.1	4.4	4.9
R5AU	6.1	4.7	6.0	4.0	5.2	PC-AO	5.4	4.5	5.7	4.2	4.9
BONSAI 2000 (BULLET)	6.0	4.5	5.8	4.5	5.2	FINELAWN PETITE	5.4	4.3	5.9	4.2	4.9
JAGUAR 3	6.0	4.3	5.9	4.5	5.2	REBEL 2000 (AA-989)	4.4	4.1	6.6	4.5	4.9
ATF-020	6.3	4.0	5.9	4.5	5.2	ATF-257	5.4	4.3	5.4	4.5	4.9
ARID 2 (J-3)	5.9	4.1	6.2	4.5	5.2	OFI-951	4.0	3.9	7.1	4.6	4.9
MB 28	5.6	4.1	6.6	4.3	5.2	BAR FA6 US6F	4.3	4.5	6.5	4.3	4.9
MB 215	5.3	4.3	6.8	4.3	5.2	TA-7	5.3	4.0	6.0	4.3	4.9
SAFARI	5.9	4.9	5.4	4.4	5.1	ARID	5.6	5.1	5.0	4.0	4.9
OFI-96-31	5.4	4.3	6.2	4.6	5.1	PSII-TF-10	5.6	3.9	5.8	4.2	4.9
PSII-TF-9	5.8	4.7	5.9	4.2	5.1	TAR HEEL	4.1	4.5	6.5	4.5	4.9
GENESIS	5.7	4.7	5.9	4.3	5.1	MB 216	4.1	4.1	6.8	4.5	4.9
J-101	5.2	4.2	6.5	4.5	5.1	APACHE II	4.5	4.3	6.1	4.6	4.9
MASTERPIECE (LTP-SD-TF)	5.0	4.7	6.4	4.5	5.1	PST-523	4.6	4.7	5.7	4.4	4.9
COYOTE	4.9	4.7	6.5	4.4	5.1	ISI-TF9	5.0	4.1	6.0	4.3	4.9
CROSSFIRE II	5.1	4.5	6.3	4.4	5.1	ARABIA (J-5)	5.0	3.5	6.6	4.4	4.9
MB 29	4.8	4.5	6.8	4.4	5.1	ATF-022	6.4	3.9	5.2	3.9	4.9
PICK FA B-93	5.0	4.3	6.3	4.8	5.1	SRX 8500	4.6	4.2	6.0	4.5	4.8
ISI-TF11	5.3	4.9	6.1	4.1	5.1	LION	4.9	4.3	5.8	4.4	4.8

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	IL2	MD1	MO3	VA4	MEAN
PRO 8430	5.6	4.2	5.3	4.2	4.8
PICK FA 20-92	4.6	4.1	6.3	4.2	4.8
PICK FA 6-91	4.5	4.3	6.5	3.9	4.8
TWILIGHT II (TMI-TW)	4.6	4.1	6.3	4.2	4.8
EC-101	5.3	4.1	5.5	4.3	4.8
AZTEC II (TMI-AZ)	5.6	3.8	5.6	4.2	4.8
CORONADO	4.5	3.8	6.5	4.4	4.8
TOMAHAWK-E	4.2	4.2	6.6	4.1	4.8
PICK FA N-93	4.0	3.8	7.0	4.4	4.8
PICK FA 15-92	5.2	3.5	6.3	4.1	4.8
KITTY HAWK S.S.T. (SS45DW)	5.0	4.3	5.5	4.1	4.7
SRX 8084	4.9	4.2	5.7	4.2	4.7
ATF-192	4.7	4.7	5.3	4.2	4.7
JTTFC-96	4.9	4.6	5.4	4.0	4.7
WOLFPACK (PST-R5TK)	4.6	4.1	5.9	4.3	4.7
EA 41	3.6	4.5	6.4	4.4	4.7
SHORTSTOP II	4.2	4.4	6.0	4.2	4.7
PICK GA-96	4.1	4.7	5.8	4.3	4.7
ISI-TF10	4.8	3.8	6.0	4.1	4.7
GOOD-EN (KOOS 94-14)	4.6	4.1	6.0	4.0	4.7
BONSAI	5.2	3.9	5.3	4.2	4.7
DP 7952	4.9	4.7	4.7	4.3	4.6
WVPB-1D	4.9	4.1	5.3	4.3	4.6
COMSTOCK (SSDE31)	4.3	4.2	6.0	4.0	4.6
JTTFA-96	4.2	5.0	5.0	4.3	4.6
MARKSMAN	5.2	3.5	5.5	4.3	4.6
AA-983	4.1	3.9	6.3	4.3	4.6
DP 50-9011	4.8	4.1	5.5	4.0	4.6
BAR FA6 US2U	3.7	4.1	6.3	4.3	4.6
DLF-1	4.7	4.3	5.1	4.2	4.6
EQUINOX (TMI-N91)	4.2	4.5	5.5	4.1	4.6
WX3-275	4.4	4.0	5.7	4.2	4.6
PST-5TO	3.6	4.3	6.0	4.3	4.5
PICK FA XK-95	3.8	3.7	6.0	4.3	4.5
PICK FA UT-93	3.2	3.6	6.5	4.5	4.5
SUNPRO	3.2	4.1	5.9	4.4	4.4
BAR FA6 US1	3.5	3.8	6.3	4.0	4.4
CORONADO GOLD (PST-5RT)	3.7	3.7	5.6	4.6	4.4
JSC-1	4.0	3.9	5.6	4.0	4.4
AV-1	4.6	4.3	4.8	3.6	4.3
KENTUCKY-31 W/ENDO.	4.2	4.6	3.9	3.5	4.0
LSD VALUE	1.9	0.8	0.7	0.4	0.6
C.V. (%)	23.0	12.0	6.7	5.9	13.9

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 20.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
NOT IRRIGATED OR ONLY DURING SEVERE STRESS 1/
1997 DATA

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

NAME	KY1	MI1	SC2	VA1	MEAN	NAME	KY1	MI1	SC2	VA1	MEAN
REMBRANDT (LTP-4026 E+)	8.5	5.5	6.3	4.3	6.2	OFI-931	7.8	5.0	5.4	3.7	5.5
PLANTATION (PENNINGTON-1901)	8.4	5.3	5.7	4.3	5.9	ANTHEM II (TMI-FMN)	7.5	5.0	5.6	3.8	5.5
MUSTANG II	7.3	6.0	5.9	4.0	5.8	ALAMO E	7.3	5.2	5.6	3.7	5.5
MB 29	8.3	5.1	5.8	3.8	5.8	REBEL 2000 (AA-989)	8.0	4.0	6.0	3.9	5.5
GENESIS	8.1	5.1	5.4	4.4	5.8	AZTEC II (TMI-AZ)	7.4	5.0	5.3	4.1	5.4
J-101	8.2	5.3	5.7	3.7	5.7	COMSTOCK (SSDE31)	7.2	5.2	5.4	4.0	5.4
BAR FA6D USA	8.3	5.3	5.5	3.9	5.7	MB 210	7.7	4.9	5.5	3.7	5.4
SHENANDOAH	7.1	6.0	5.5	4.4	5.7	WRS2	7.8	4.8	5.2	3.9	5.4
MB 212	8.2	5.1	5.4	4.2	5.7	ISI-TF9	7.4	5.3	5.1	4.0	5.4
MB 214	8.4	4.9	5.5	4.0	5.7	ZPS-2PTF	8.2	4.7	5.2	3.7	5.4
PIXIE E+	7.5	5.0	6.2	4.0	5.7	CORONADO GOLD (PST-5RT)	7.9	5.1	5.1	3.5	5.4
ARID 3 (J-98)	8.1	4.9	5.7	4.0	5.7	PICK FA B-93	8.1	4.6	5.5	3.6	5.4
MB 26	8.3	4.7	5.8	3.7	5.6	SRX 8084	7.4	5.1	5.3	3.8	5.4
REBEL SENTRY (AA-A91)	8.0	5.2	5.5	3.7	5.6	SRX 8500	7.9	4.5	5.1	4.1	5.4
SOUTHERN CHOICE	7.6	5.2	5.3	4.3	5.6	DLF-1	6.3	5.3	6.1	3.9	5.4
SAFARI	7.1	6.0	5.2	4.1	5.6	ARID 2 (J-3)	7.8	4.5	5.5	3.8	5.4
MB 216	8.2	4.7	5.8	3.7	5.6	OFI-96-32	7.4	4.9	5.3	3.9	5.4
RENEGADE	7.4	5.2	5.3	4.5	5.6	ARABIA (J-5)	7.8	4.4	5.6	3.7	5.4
TITAN 2	6.9	5.8	5.5	4.1	5.6	MARKSMAN	7.4	4.4	5.7	4.1	5.4
CU9501T	7.3	5.0	6.2	3.7	5.6	ATF-196	7.4	4.7	5.5	3.8	5.4
PICK RT-95	8.3	5.0	5.1	3.9	5.6	ISI-TF11	7.5	4.8	5.1	4.1	5.4
BONSAI 2000 (BULLET)	7.3	5.3	5.5	4.2	5.6	WPEZE (WVPB-1C)	7.4	4.7	5.1	4.1	5.3
PST-5M5	7.9	5.3	5.1	3.8	5.5	SHORTSTOP II	7.3	4.6	5.7	3.8	5.3
TAR HEEL	7.8	4.9	5.5	4.0	5.5	CORONADO	8.0	4.3	5.3	3.7	5.3
MILLENNIUM (TMI-RBR)	8.0	4.6	5.7	3.9	5.5	BRAVO (RG-93)	7.6	4.6	5.2	4.0	5.3
COYOTE	8.5	4.6	5.1	4.0	5.5	WVPB-1D	7.3	5.0	5.1	4.0	5.3
REGIMENT	7.1	5.4	5.6	4.0	5.5	CROSSFIRE II	7.6	4.5	5.2	4.0	5.3
EC-101	7.5	5.4	5.3	3.9	5.5	ATF-257	7.1	5.0	5.4	3.8	5.3
OFI-96-31	7.8	5.0	5.3	4.1	5.5	GAZELLE	8.2	4.3	5.2	3.6	5.3
MB 213	7.9	5.3	5.4	3.4	5.5	BAR FA 6D	8.0	4.0	5.5	3.9	5.3
RESERVE (ATF-182)	7.4	5.1	5.5	4.0	5.5	BAR FA6 US3	8.0	4.2	5.3	3.8	5.3
MASTERPIECE (LTP-SD-TF)	8.2	4.7	5.3	3.8	5.5	EMPRESS	7.6	4.8	5.1	3.7	5.3
MB 215	7.9	4.7	5.6	3.9	5.5	BAR FA6 US1	8.5	4.0	5.2	3.6	5.3
ATF-038	7.5	5.0	5.5	4.0	5.5	WOLFPACK (PST-R5TK)	7.3	4.8	5.3	4.0	5.3
MB 211	8.0	4.9	5.4	3.8	5.5	EA 41	7.5	4.8	5.2	3.8	5.3
PC-AO	7.8	5.1	5.5	3.7	5.5	JTTFA-96	6.0	5.5	5.2	4.5	5.3
TA-7	8.1	4.8	5.3	3.8	5.5	COCHISE II	7.1	5.4	5.1	3.7	5.3
MB 28	7.8	5.2	5.3	3.7	5.5	ATF-188	7.0	4.9	5.5	3.8	5.3
TULSA	7.5	5.1	5.5	3.8	5.5	BAR FA 6LV	8.1	4.1	5.3	3.7	5.3
APACHE II	8.0	4.8	5.3	3.8	5.5	KITTY HAWK S.S.T. (SS45DW)	7.0	5.2	5.4	3.6	5.3
PST-523	7.4	5.4	5.2	4.0	5.5	JAGUAR 3	8.0	4.2	5.1	3.8	5.3
PICK FA 6-91	7.9	5.1	5.7	3.3	5.5	AA-983	8.0	4.0	5.5	3.8	5.3
FALCON II	7.2	5.0	5.3	4.4	5.5	CU9502T	7.4	4.3	5.5	4.0	5.3
GOOD-EN (KOOS 94-14)	7.2	5.0	5.7	4.0	5.5	LEPRECHAUN	7.1	4.4	5.6	4.1	5.3

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	KY1	MI1	SC2	VA1	MEAN
ZPS-5LZ	8.1	4.6	5.1	3.3	5.3
WVPB-1B	7.4	4.4	5.3	4.0	5.3
ARID	5.6	6.0	5.3	4.1	5.3
FINELAWN PETITE	7.5	4.8	5.1	3.8	5.3
SUNPRO	7.5	4.5	5.1	3.9	5.3
BAR FA6 US2U	8.1	4.0	5.2	3.8	5.3
ISI-TF10	7.3	4.8	5.1	3.9	5.3
PICK FA XK-95	7.4	4.4	5.2	4.0	5.2
SR 8210	7.7	4.5	5.1	3.6	5.2
PSII-TF-9	7.0	4.8	5.3	3.9	5.2
PSII-TF-10	7.3	4.9	5.2	3.6	5.2
BANDANA (PST-R5AE)	7.2	4.9	5.2	3.6	5.2
OFI-FWY	7.4	4.4	5.5	3.6	5.2
JTTFC-96	6.6	5.4	5.1	3.8	5.2
WX3-275	7.4	4.7	5.1	3.7	5.2
EQUINOX (TMI-N91)	6.9	4.4	5.6	3.9	5.2
PICK FA 15-92	7.2	4.6	5.7	3.3	5.2
PST-5E5	7.8	4.3	5.1	3.5	5.2
BONSAI	7.0	5.0	5.1	3.8	5.2
TWILIGHT II (TMI-TW)	7.1	4.4	5.4	3.9	5.2
PICK GA-96	7.7	4.2	5.1	3.7	5.2
DUSTER	7.5	4.4	5.1	3.7	5.2
ATF-020	7.4	4.3	5.3	3.7	5.2
R5AU	7.1	4.2	5.7	3.7	5.2
BAR FA6 US6F	7.7	4.1	5.2	3.7	5.2
PICK FA 20-92	7.5	4.6	5.3	3.3	5.2
ATF-022	7.1	4.2	5.5	3.9	5.2
TOMAHAWK-E	7.2	4.5	5.2	3.7	5.1
ATF-253	6.9	4.4	5.4	3.9	5.1
JSC-1	6.8	4.7	5.1	3.8	5.1
OFI-951	7.4	4.1	5.4	3.5	5.1
PRO 8430	7.0	4.4	5.3	3.7	5.1
DP 50-9011	6.7	4.5	5.5	3.7	5.1
AV-1	6.3	4.7	5.2	3.8	5.0
PST-5TO	7.2	4.3	5.1	3.4	5.0
DP 7952	5.7	4.3	5.6	4.1	4.9
LION	6.9	4.1	5.2	3.5	4.9
ATF-192	6.3	4.0	5.5	3.8	4.9
PICK FA N-93	7.5	3.7	5.2	3.2	4.9
KENTUCKY-31 W/ENDO.	4.8	5.4	5.1	4.0	4.8
PICK FA UT-93	6.9	3.3	5.3	3.3	4.7
LSD VALUE	0.5	0.9	0.9	1.0	0.5
C.V. (%)	4.1	12.0	10.4	22.5	12.8

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

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

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

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

NAME	TRANSITION ZONE	COOL-HUMID	COOL-ARID	MEAN
PLANTATION (PENNINGTON-1901)	5.7	6.3	6.7	6.1
MILLENNIUM (TMI-RBR)	5.7	6.4	6.3	6.1
REMBRANDT (LTP-4026 E+)	5.9	6.1	6.4	6.0
ARID 3 (J-98)	5.5	6.1	6.4	5.9
REBEL SENTRY (AA-A91)	5.5	6.1	6.4	5.8
SOUTHERN CHOICE	5.6	5.9	6.5	5.8
ZPS-2PTF	5.6	5.8	6.8	5.8
MB 29	5.5	6.0	6.5	5.8
RENEGADE	5.5	5.9	6.3	5.8
J-101	5.3	6.1	6.4	5.8
CROSSFIRE II	5.5	6.0	6.4	5.8
MB 26	5.4	6.0	6.4	5.8
OFI-96-31	5.4	6.0	6.5	5.8
GENESIS	5.4	6.0	6.3	5.8
WRS2	5.5	5.9	6.3	5.8
MB 214	5.4	6.0	6.5	5.7
MUSTANG II	5.6	5.9	6.2	5.7
CU9501T	5.4	5.9	6.5	5.7
PICK FA B-93	5.4	5.9	6.5	5.7
MB 28	5.4	6.0	6.4	5.7
MASTERPIECE (LTP-SD-TF)	5.5	5.8	6.4	5.7
BAR FA6 US3	5.4	5.8	6.8	5.7
SHENANDOAH	5.5	5.8	6.3	5.7
OFI-931	5.4	5.8	6.5	5.7
MB 212	5.6	5.7	6.4	5.7
PICK RT-95	5.6	5.7	6.3	5.7
CU9502T	5.4	5.8	6.6	5.7
GAZELLE	5.4	5.8	6.5	5.7
PIXIE E+	5.5	5.8	6.3	5.7
BAR FA 6D	5.4	5.9	6.4	5.7
BAR FA 6LV	5.5	5.8	6.3	5.7
REGIMENT	5.5	5.7	6.4	5.7
APACHE II	5.3	5.9	6.4	5.7
EMPRESS	5.4	5.7	6.6	5.7
TA-7	5.3	6.0	6.3	5.7
MB 213	5.3	5.8	6.6	5.7
BONSAI 2000 (BULLET)	5.4	5.7	6.5	5.6
MB 216	5.3	5.8	6.3	5.6
COYOTE	5.3	5.8	6.5	5.6
MB 211	5.4	5.7	6.4	5.6
CORONADO	5.4	5.7	6.4	5.6
REBEL 2000 (AA-989)	5.3	5.8	6.4	5.6
SR 8210	5.3	5.8	6.7	5.6
MB 210	5.3	5.8	6.3	5.6
ATF-038	5.4	5.8	6.2	5.6

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID	COOL-ARID	MEAN
PST-523	5.3	5.8	6.4	5.6
ATF-196	5.4	5.7	6.4	5.6
DUSTER	5.3	5.8	6.3	5.6
JAGUAR 3	5.5	5.6	6.3	5.6
ARID 2 (J-3)	5.3	5.8	6.5	5.6
SAFARI	5.4	5.7	6.1	5.6
AZTEC II (TMI-AZ)	5.2	5.8	6.5	5.6
TULSA	5.4	5.7	6.5	5.6
PST-5E5	5.4	5.7	6.3	5.6
TAR HEEL	5.4	5.7	6.2	5.6
FALCON II	5.4	5.7	6.2	5.6
OFI-96-32	5.4	5.7	6.2	5.6
RESERVE (ATF-182)	5.4	5.6	6.2	5.6
MB 215	5.3	5.7	6.2	5.6
SRX 8500	5.2	5.8	6.3	5.6
ISI-TF11	5.4	5.6	6.2	5.6
BAR FA6 US2U	5.2	5.7	6.5	5.6
ANTHEM II (TMI-FMN)	5.3	5.6	6.4	5.6
BRAVO (RG-93)	5.3	5.7	6.2	5.6
PICK GA-96	5.2	5.7	6.4	5.5
TITAN 2	5.3	5.7	6.0	5.5
PST-5M5	5.4	5.4	6.4	5.5
PICK FA 20-92	5.1	5.8	6.3	5.5
WPEZE (WVPB-1C)	5.3	5.7	6.2	5.5
PICK FA 6-91	5.2	5.7	6.5	5.5
ZPS-5LZ	5.3	5.7	6.2	5.5
LEPRECHAUN	5.3	5.5	6.4	5.5
BAR FA6D USA	5.3	5.6	6.3	5.5
FINELAWN PETITE	5.3	5.7	6.0	5.5
BAR FA6 US1	5.2	5.7	6.5	5.5
SHORTSTOP II	5.0	5.9	6.3	5.5
ALAMO E	5.3	5.5	6.4	5.5
ISI-TF9	5.2	5.7	6.3	5.5
SUNPRO	5.2	5.7	6.4	5.5
ISI-TF10	5.2	5.6	6.3	5.5
GOOD-EN (KOOS 94-14)	5.2	5.7	6.2	5.5
COCHISE II	5.2	5.6	6.2	5.5
PSII-TF-9	5.2	5.6	6.2	5.5
ATF-188	5.2	5.6	6.3	5.5
OFI-FWY	5.3	5.5	6.2	5.5
BAR FA6 US6F	5.3	5.4	6.3	5.5
PICK FA XK-95	5.2	5.6	6.2	5.5
PICK FA 15-92	5.1	5.7	6.4	5.5
MARKSMAN	5.2	5.5	6.3	5.5
EC-101	5.1	5.6	6.1	5.5

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID	COOL-ARID	MEAN
WOLFPACK (PST-R5TK)	5.3	5.5	6.1	5.4
WVPB-1B	5.3	5.4	6.0	5.4
R5AU	5.4	5.3	6.2	5.4
OFI-951	5.1	5.6	6.5	5.4
BANDANA (PST-R5AE)	5.2	5.4	6.4	5.4
ARABIA (J-5)	5.2	5.4	6.4	5.4
SRX 8084	5.2	5.4	6.3	5.4
WVPB-1D	5.1	5.5	6.3	5.4
PSII-TF-10	5.1	5.5	6.2	5.4
AA-983	5.2	5.5	6.2	5.4
TWILIGHT II (TMI-TW)	5.2	5.4	6.3	5.4
EA 41	5.2	5.4	6.3	5.4
PC-AO	5.1	5.5	6.1	5.4
ATF-020	5.2	5.4	6.0	5.4
WX3-275	5.1	5.6	6.0	5.4
ATF-022	5.2	5.4	6.0	5.3
TOMAHAWK-E	5.0	5.5	6.1	5.3
CORNADO GOLD (PST-5RT)	5.2	5.3	6.1	5.3
PRO 8430	5.1	5.3	6.2	5.3
ATF-257	5.2	5.3	6.0	5.3
COMSTOCK (SSDE31)	5.2	5.3	5.8	5.3
KITTY HAWK S.S.T. (SS45DW)	5.0	5.4	6.1	5.3
LION	5.1	5.4	6.1	5.3
ATF-253	5.2	5.2	6.0	5.3
EQUINOX (TMI-N91)	5.0	5.3	6.3	5.3
PST-5TO	5.0	5.3	6.2	5.3
BONSAI	5.0	5.3	6.1	5.2
DP 50-9011	5.0	5.3	6.0	5.2
PICK FA N-93	4.9	5.3	6.0	5.2
JSC-1	4.8	5.3	6.0	5.2
PICK FA UT-93	4.7	5.4	6.3	5.2
ATF-192	5.0	5.1	5.8	5.2
JTTEA-96	5.0	5.2	5.9	5.1
JTTFC-96	5.0	5.1	5.7	5.1
ARID	5.0	5.1	5.6	5.1
DLF-1	4.9	5.0	5.8	5.1
DP 7952	4.8	4.9	5.6	4.9
AV-1	4.7	4.8	5.5	4.8
KENTUCKY-31 W/ENDO.	4.2	4.2	4.1	4.2
LSD VALUE	0.3	0.3	0.4	0.2
C.V. (%)	11.6	11.4	6.4	10.9

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 22.

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
	AR1	DE1	GAI	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	MEAN
REMBRANDT (LTP-4026 E+)	7.0	2.8	7.0	6.6	6.4	8.5	4.7	5.3	6.8	6.4	6.3	4.3	4.7	5.9
PLANTATION (PENNINGTON-1901)	7.1	2.8	6.9	5.2	6.5	8.4	4.8	5.2	6.5	6.4	5.7	4.3	4.8	5.7
MILLENNIUM (TMI-RBR)	6.6	3.0	6.3	6.8	6.7	8.0	4.5	5.0	6.8	6.4	5.7	3.9	4.6	5.7
PICK RT-95	7.0	2.9	7.0	6.6	5.8	8.3	3.9	4.9	6.5	6.1	5.1	3.9	4.8	5.6
ZPS-2PTF	6.8	2.7	6.3	6.4	6.3	8.2	4.5	5.0	6.5	6.3	5.2	3.7	4.6	5.6
SOUTHERN CHOICE	6.5	2.7	6.3	6.5	6.8	7.6	5.1	5.2	5.8	6.0	5.3	4.3	4.2	5.6
MUSTANG II	6.2	3.2	6.6	6.4	6.4	7.3	4.5	5.1	5.6	6.3	5.9	4.0	4.9	5.6
MB 212	6.3	2.9	6.5	6.6	6.4	8.2	4.1	5.0	6.1	6.0	5.4	4.2	4.6	5.6
MASTERPIECE (LTP-SD-TF)	6.4	2.6	7.0	5.0	6.8	8.2	4.7	5.1	6.4	6.3	5.3	3.8	4.5	5.5
RENEGADE	6.2	2.6	6.3	6.4	6.5	7.4	5.3	5.1	5.8	6.5	5.3	4.5	4.2	5.5
SHENANDOAH	7.0	3.3	5.7	6.2	6.5	7.1	5.3	4.8	5.6	6.2	5.5	4.4	4.2	5.5
WRS2	6.5	3.2	6.5	5.7	6.4	7.8	4.5	5.0	6.3	6.1	5.2	3.9	4.7	5.5
ARID 3 (J-98)	6.5	2.7	5.9	6.1	6.2	8.1	4.7	4.4	6.7	6.1	5.7	4.0	4.7	5.5
REBEL SENTRY (AA-A91)	5.9	2.5	6.2	6.1	6.4	8.0	5.1	4.9	6.4	6.2	5.5	3.7	4.4	5.5
PIXIE E+	5.7	2.9	5.9	6.0	6.1	7.5	4.9	5.3	6.1	6.1	6.2	4.0	4.4	5.5
JAGUAR 3	6.2	2.9	6.9	6.0	6.4	8.0	4.3	4.7	5.9	6.3	5.1	3.8	4.5	5.5
MB 29	6.6	2.4	6.1	4.8	6.5	8.3	4.5	4.9	6.8	6.1	5.8	3.8	4.4	5.5
CROSSFIRE II	6.6	2.8	6.8	5.1	6.1	7.6	4.5	5.2	6.3	6.2	5.2	4.0	4.4	5.5
REGIMENT	6.5	3.1	5.6	6.5	6.3	7.1	4.7	5.2	5.5	6.5	5.6	4.0	4.3	5.5
BAR FA 6LV	6.8	3.2	6.4	5.1	6.3	8.1	4.5	4.7	6.2	6.3	5.3	3.7	4.4	5.5
GENESIS	6.3	2.5	6.2	5.7	6.5	8.1	4.7	4.8	5.9	6.1	5.4	4.4	4.3	5.4
PICK FA B-93	6.7	3.0	6.6	5.0	5.9	8.1	4.3	4.7	6.3	6.4	5.5	3.6	4.8	5.4
PST-5M5	6.0	2.7	6.5	5.5	6.8	7.9	3.9	5.0	6.8	6.1	5.1	3.8	4.6	5.4
OFI-931	6.4	2.6	6.2	5.3	6.8	7.8	4.8	4.6	6.4	6.2	5.4	3.7	4.5	5.4
GAZELLE	6.2	2.8	6.5	5.2	5.9	8.2	4.4	5.0	7.2	6.0	5.2	3.6	4.3	5.4
RESERVE (ATF-182)	6.5	2.3	6.3	6.2	6.4	7.4	4.4	4.2	5.8	6.4	5.5	4.0	4.9	5.4
CU9501T	5.6	2.8	6.0	5.2	6.6	7.3	5.3	4.7	6.3	6.2	6.2	3.7	4.5	5.4
MB 211	6.3	2.7	6.6	5.8	6.0	8.0	3.9	5.1	6.3	6.2	5.4	3.8	4.3	5.4
MB 26	6.7	2.8	5.5	5.4	5.8	8.3	4.5	4.6	6.6	6.1	5.8	3.7	4.5	5.4
MB 214	6.4	3.3	6.0	4.7	6.4	8.4	4.3	4.5	6.7	5.9	5.5	4.0	4.3	5.4
MB 28	5.8	3.2	6.1	5.6	6.5	7.8	4.1	5.2	6.6	6.1	5.3	3.7	4.3	5.4
BAR FA6 US3	6.4	3.3	6.4	4.5	6.1	8.0	4.1	4.8	6.7	6.2	5.3	3.8	4.6	5.4
PST-5E5	6.3	2.9	6.8	4.5	6.8	7.8	4.5	4.8	6.5	6.1	5.1	3.5	4.4	5.4
R5AU	6.0	2.6	6.8	6.1	6.4	7.1	4.7	4.9	6.0	6.3	5.7	3.7	4.0	5.4
EMPRESS	6.5	2.8	6.6	3.9	6.9	7.6	5.1	4.7	7.0	5.9	5.1	3.7	4.3	5.4
ATF-196	6.1	2.9	6.0	6.2	5.8	7.4	4.5	5.2	6.0	6.1	5.5	3.8	4.5	5.4
OFI-96-32	6.0	3.1	6.0	6.0	6.7	7.4	4.1	5.1	5.8	6.3	5.3	3.9	4.4	5.4
ATF-038	6.7	2.8	6.0	6.0	6.2	7.5	4.1	4.2	6.2	6.2	5.5	4.0	4.5	5.4
SAFARI	6.3	2.7	5.9	5.9	6.3	7.1	4.9	5.3	5.4	6.5	5.2	4.1	4.4	5.4
CU9502T	6.0	2.6	5.9	5.5	6.3	7.4	5.0	5.1	5.7	6.4	5.5	4.0	4.6	5.4
FALCON II	6.0	2.6	6.2	5.0	6.7	7.2	5.3	5.0	5.6	6.2	5.3	4.4	4.4	5.4
ISI-TF11	6.0	2.4	6.4	5.3	6.6	7.5	4.9	5.1	6.1	6.3	5.1	4.1	4.1	5.4
TAR HEEL	6.5	3.1	6.2	4.1	6.6	7.8	4.5	4.4	6.5	6.2	5.5	4.0	4.5	5.4
BONSAI 2000 (BULLET)	5.6	3.6	5.7	6.0	6.3	7.3	4.5	5.0	5.8	6.1	5.5	4.2	4.5	5.4

TABLE 22.
(CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													
	AR1	DE1	GAI	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	MEAN
CORONADO	6.5	2.9	6.6	4.5	6.3	8.0	3.8	5.3	6.5	6.0	5.3	3.7	4.4	5.4
BAR FA 6D	6.0	2.5	5.8	5.4	6.8	8.0	4.5	5.0	6.3	6.0	5.5	3.9	4.0	5.4
TULSA	5.7	2.3	6.0	6.5	6.3	7.5	4.7	4.8	5.9	6.4	5.5	3.8	4.4	5.4
OFI-96-31	5.9	2.6	6.1	5.4	6.5	7.8	4.3	4.6	6.2	6.3	5.3	4.1	4.6	5.4
REBEL 2000 (AA-989)	7.0	2.8	6.1	4.4	6.3	8.0	4.1	4.1	6.6	5.8	6.0	3.9	4.5	5.3
COYOTE	6.0	2.8	6.1	4.9	6.1	8.5	4.7	4.4	6.5	6.0	5.1	4.0	4.4	5.3
MB 210	5.5	2.6	6.1	5.3	6.8	7.7	4.7	5.2	5.8	6.1	5.5	3.7	4.5	5.3
APACHE II	6.3	3.1	6.1	4.5	6.3	8.0	4.3	5.0	6.1	5.9	5.3	3.8	4.6	5.3
PST-523	6.5	3.1	6.3	4.6	6.5	7.4	4.7	4.8	5.7	6.3	5.2	4.0	4.4	5.3
MB 215	6.0	3.1	5.9	5.3	6.3	7.9	4.3	4.4	6.8	5.8	5.6	3.9	4.3	5.3
DUSTER	6.0	2.6	5.8	5.8	6.4	7.5	4.7	4.7	6.3	6.0	5.1	3.7	4.5	5.3
WVPB-1B	5.9	3.0	5.9	6.1	6.5	7.4	4.3	5.3	5.5	6.1	5.3	4.0	4.0	5.3
MB 216	6.3	2.9	6.3	4.1	6.3	8.2	4.1	4.7	6.8	5.6	5.8	3.7	4.5	5.3
J-101	6.1	2.8	5.9	5.2	6.0	8.2	4.2	4.2	6.5	6.0	5.7	3.7	4.5	5.3
OFI-FWY	6.8	2.4	5.8	4.5	6.5	7.4	4.9	4.8	6.3	6.3	5.5	3.6	4.3	5.3
ANTHEM II (TMI-FMN)	5.8	2.8	5.5	5.8	6.6	7.5	4.3	4.9	5.9	6.2	5.6	3.8	4.4	5.3
LEPRECHAUN	5.9	3.1	6.4	4.8	6.4	7.1	5.1	4.6	6.0	5.9	5.6	4.1	4.3	5.3
BAR FA6 US6F	6.7	3.1	6.3	4.3	6.1	7.7	4.5	4.6	6.5	6.1	5.2	3.7	4.3	5.3
ALAMO E	6.2	2.6	6.1	5.4	5.9	7.3	4.9	5.1	5.7	6.0	5.6	3.7	4.3	5.3
WOLFPACK (PST-R5TK)	6.0	2.4	6.9	4.6	6.4	7.3	4.1	5.3	5.9	6.4	5.3	4.0	4.3	5.3
MB 213	5.9	3.2	5.9	5.1	6.4	7.9	3.9	4.8	6.6	5.9	5.4	3.4	4.2	5.3
TITAN 2	5.8	3.1	5.9	5.9	6.6	6.9	5.2	4.7	5.2	5.9	5.5	4.1	4.0	5.3
TA-7	5.8	2.4	6.2	5.3	6.4	8.1	4.0	4.8	6.0	6.2	5.3	3.8	4.3	5.3
ZPS-5LZ	6.7	2.7	6.1	5.1	6.0	8.1	4.2	4.5	6.3	5.9	5.1	3.3	4.5	5.3
ARID 2 (J-3)	5.1	3.8	5.3	5.9	6.1	7.8	4.1	4.4	6.2	6.0	5.5	3.8	4.5	5.3
BRAVO (RG-93)	6.0	2.7	6.4	5.6	6.4	7.6	4.3	4.7	5.8	5.8	5.2	4.0	4.1	5.3
WPEZE (WPB-1C)	5.5	2.8	6.1	5.4	6.3	7.4	4.3	5.1	5.7	6.2	5.1	4.1	4.3	5.3
BAR FA6D USA	5.0	2.6	6.1	4.6	6.6	8.3	4.3	4.6	6.5	6.1	5.5	3.9	4.3	5.3
FINELAWN PETITE	5.5	2.6	6.3	5.4	6.6	7.5	4.3	5.2	5.9	6.2	5.1	3.8	4.2	5.3
SR 8210	6.0	3.3	5.8	5.0	6.0	7.7	4.2	4.7	6.1	6.3	5.1	3.6	4.4	5.3
AZTEC II (TMI-AZ)	5.7	2.8	5.9	5.6	6.4	7.4	3.8	4.8	5.6	6.5	5.3	4.1	4.2	5.2
BAR FA6 US2U	6.3	2.4	6.4	3.7	6.4	8.1	4.1	4.7	6.3	6.2	5.2	3.8	4.3	5.2
MARKSMAN	6.5	2.3	6.2	5.2	6.4	7.4	3.5	4.8	5.5	5.9	5.7	4.1	4.3	5.2
SRX 8500	6.4	2.5	5.8	4.6	6.3	7.9	4.2	4.6	6.0	5.8	5.1	4.1	4.5	5.2
BANDANA (PST-R5AE)	5.4	2.3	6.1	4.7	6.6	7.2	4.7	4.9	6.1	6.4	5.2	3.6	4.5	5.2
ATF-020	5.7	2.7	5.5	6.3	6.2	7.4	4.0	4.6	5.9	6.0	5.3	3.7	4.5	5.2
ATF-253	5.6	3.0	6.0	5.8	6.4	6.9	4.1	4.7	5.8	6.1	5.4	3.9	4.3	5.2
COMSTOCK (SSDE31)	5.5	3.3	6.0	4.3	6.7	7.2	4.2	5.2	6.0	5.9	5.4	4.0	4.0	5.2
COCHISE II	6.1	3.2	6.0	5.1	6.1	7.1	4.7	4.6	5.8	5.8	5.1	3.7	4.3	5.2
PICK FA 6-91	5.6	3.1	6.0	4.5	6.4	7.9	4.3	4.4	6.5	6.0	5.7	3.3	3.9	5.2
PICK GA-96	6.4	2.7	6.7	4.1	6.0	7.7	4.7	4.5	5.8	6.0	5.1	3.7	4.3	5.2
PSII-TF-9	5.8	2.2	5.9	5.8	6.5	7.0	4.7	4.7	5.9	5.9	5.3	3.9	4.2	5.2
SRX 8084	5.6	3.6	6.1	4.9	6.0	7.4	4.2	4.9	5.7	5.9	5.3	3.8	4.2	5.2
ATF-257	5.9	2.8	5.8	5.4	6.1	7.1	4.3	4.8	5.4	6.3	5.4	3.8	4.5	5.2
ISI-TF10	6.5	2.6	6.0	4.8	6.4	7.3	3.8	4.9	6.0	6.0	5.1	3.9	4.1	5.2

TABLE 22.
(CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													MEAN
	AR1	DE1	GA1	IL2	KS2	KY1	MD1	MO1	MO3	OK1	SC2	VA1	VA4	
ATF-188	5.1	3.4	5.9	4.9	6.1	7.0	4.3	4.6	5.8	6.2	5.5	3.8	4.8	5.2
ISI-TF9	5.8	2.3	5.9	5.0	6.5	7.4	4.1	4.8	6.0	6.2	5.1	4.0	4.3	5.2
PICK FA XK-95	6.8	2.9	6.0	3.8	6.3	7.4	3.7	4.9	6.0	6.0	5.2	4.0	4.3	5.2
EA 41	6.5	3.2	5.7	3.6	5.5	7.5	4.5	4.9	6.4	6.0	5.2	3.8	4.4	5.2
BAR FA6 US1	6.3	3.1	5.9	3.5	6.5	8.5	3.8	4.7	6.3	5.9	5.2	3.6	4.0	5.2
ATF-022	6.4	2.8	5.8	6.4	6.0	7.1	3.9	4.1	5.2	6.1	5.5	3.9	3.9	5.2
ARABIA (J-5)	5.8	3.4	5.7	5.0	5.8	7.8	3.5	3.9	6.6	6.0	5.6	3.7	4.4	5.2
CORONADO GOLD (PST-5RT)	6.0	2.9	6.8	3.7	6.5	7.9	3.7	4.6	5.6	6.1	5.1	3.5	4.6	5.2
SUNPRO	6.9	3.6	6.0	3.2	5.8	7.5	4.1	4.4	5.9	6.0	5.1	3.9	4.4	5.2
AA-983	5.8	3.1	6.2	4.1	6.3	8.0	3.9	4.1	6.3	5.9	5.5	3.8	4.3	5.2
GOOD-EN (KOOS 94-14)	6.0	2.9	5.8	4.6	6.2	7.2	4.1	4.8	6.0	5.7	5.7	4.0	4.0	5.2
TWILIGHT II (TMI-TW)	5.6	2.6	6.0	4.6	6.3	7.1	4.1	4.9	6.3	6.1	5.4	3.9	4.2	5.2
EC-101	5.5	2.7	5.9	5.3	6.3	7.5	4.1	4.6	5.5	6.1	5.3	3.9	4.3	5.1
PC-AO	5.6	2.2	6.0	5.4	6.2	7.8	4.5	4.4	5.7	5.9	5.5	3.7	4.2	5.1
PRO 8430	5.6	2.8	6.1	5.6	6.1	7.0	4.2	4.4	5.3	6.3	5.3	3.7	4.2	5.1
WVPB-1D	6.3	2.4	6.0	4.9	6.0	7.3	4.1	4.8	5.3	6.1	5.1	4.0	4.3	5.1
PICK FA 20-92	5.5	2.8	5.5	4.6	6.4	7.5	4.1	5.0	6.3	6.0	5.3	3.3	4.2	5.1
PSII-TF-10	5.4	2.3	5.9	5.6	6.4	7.3	3.9	4.8	5.8	6.1	5.2	3.6	4.2	5.1
OFI-951	5.7	2.2	5.9	4.0	6.0	7.4	3.9	4.3	7.1	6.1	5.4	3.5	4.6	5.1
LION	5.5	3.1	5.3	4.9	6.2	6.9	4.3	4.8	5.8	6.1	5.2	3.5	4.4	5.1
PICK FA 15-92	5.5	3.1	5.7	5.2	6.0	7.2	3.5	4.2	6.3	6.0	5.7	3.3	4.1	5.1
WX3-275	5.8	2.7	6.5	4.4	6.0	7.4	4.0	4.4	5.7	5.8	5.1	3.7	4.2	5.1
JTTCF-96	5.6	2.4	5.6	4.9	6.4	6.6	4.6	4.9	5.4	6.3	5.1	3.8	4.0	5.0
PST-5TO	5.8	2.8	6.5	3.6	6.4	7.2	4.3	4.6	6.0	5.8	5.1	3.4	4.3	5.0
ATF-192	5.4	2.6	5.8	4.7	6.3	6.3	4.7	4.8	5.3	6.2	5.5	3.8	4.2	5.0
EQUINOX (TMI-N91)	5.4	2.3	6.0	4.2	6.2	6.9	4.5	5.0	5.5	5.8	5.6	3.9	4.1	5.0
KITTY HAWK S.S.T. (SS45DW)	5.5	2.4	5.8	5.0	6.5	7.0	4.3	4.6	5.5	5.6	5.4	3.6	4.1	5.0
TOMAHAWK-E	5.5	2.6	5.5	4.2	6.4	7.2	4.2	4.2	6.6	5.7	5.2	3.7	4.1	5.0
ARID	5.3	2.7	5.7	5.6	6.0	5.6	5.1	4.7	5.0	6.1	5.3	4.1	4.0	5.0
SHORTSTOP II	5.4	2.6	5.2	4.2	5.5	7.3	4.4	4.9	6.0	5.8	5.7	3.8	4.2	5.0
BONSAI	5.4	3.3	5.0	5.2	6.0	7.0	3.9	4.6	5.3	5.7	5.1	3.8	4.2	5.0
DP 50-9011	5.5	2.8	5.0	4.8	6.3	6.7	4.1	4.7	5.5	6.0	5.5	3.7	4.0	5.0
JTTFA-96	5.3	2.8	5.4	4.2	5.8	6.0	5.0	4.6	5.0	6.2	5.2	4.5	4.3	5.0
DLF-1	4.9	2.4	5.6	4.7	6.3	6.3	4.3	4.7	5.1	5.8	6.1	3.9	4.2	4.9
PICK FA N-93	5.1	2.3	5.3	4.0	5.0	7.5	3.8	4.3	7.0	6.0	5.2	3.2	4.4	4.9
JSC-1	4.3	2.9	5.7	4.0	6.5	6.8	3.9	4.4	5.6	5.9	5.1	3.8	4.0	4.8
DP 7952	5.0	2.2	4.8	4.9	6.0	5.7	4.7	4.4	4.7	5.8	5.6	4.1	4.3	4.8
PICK FA UT-93	5.1	2.7	5.2	3.2	5.0	6.9	3.6	4.1	6.5	5.7	5.3	3.3	4.5	4.7
AV-1	4.4	2.7	5.4	4.6	5.8	6.3	4.3	4.4	4.8	5.7	5.2	3.8	3.6	4.7
KENTUCKY-31 W/ENDO.	3.7	2.1	4.8	4.2	5.0	4.8	4.6	3.9	3.9	5.2	5.1	4.0	3.5	4.2
LSD VALUE	1.0	0.9	0.5	1.9	0.6	0.5	0.8	0.7	0.7	0.6	0.9	1.0	0.4	0.3
C.V. (%)	10.2	19.9	5.3	23.0	5.9	4.1	12.0	9.4	6.7	5.7	10.4	22.5	5.9	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.

TABLE 23.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT ELEVEN LOCATIONS IN THE COOL-HUMID ZONE 1/
1997 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)	4.7	6.0	6.5	7.8	4.6	6.0	6.9	5.9	8.0	8.0	5.9	6.4
PLANTATION (PENNINGTON-1901)	4.7	6.1	6.1	7.0	5.3	6.8	5.9	5.8	7.6	7.6	6.1	6.3
J-101	4.3	5.7	5.7	7.3	5.3	6.0	5.9	5.3	7.2	7.6	7.2	6.1
ARID 3 (J-98)	3.9	5.6	5.9	7.0	4.9	6.7	6.3	5.4	7.7	7.5	6.6	6.1
REBEL SENTRY (AA-A91)	4.8	6.4	5.8	6.7	5.2	6.6	5.5	5.7	6.0	7.9	6.3	6.1
REMBRANDT (LTP-4026 E+)	4.0	6.1	6.4	7.2	5.5	6.5	5.4	5.6	6.1	7.9	6.0	6.1
OFI-96-31	4.4	6.1	6.1	7.0	5.0	6.3	5.8	5.3	7.3	7.5	5.7	6.0
MB 26	3.7	5.8	5.7	7.5	4.7	6.7	6.3	5.3	7.3	8.1	5.0	6.0
MB 29	4.4	6.0	5.9	6.8	5.1	6.5	5.8	5.6	6.7	7.8	5.2	6.0
GENESIS	4.6	6.2	6.2	7.0	5.1	5.4	5.4	4.8	7.6	7.4	6.0	6.0
CROSSFIRE II	4.8	5.6	6.1	7.7	4.5	6.2	5.7	4.7	7.6	7.4	5.4	6.0
MB 214	4.2	6.1	5.7	6.7	4.9	6.1	5.7	5.2	7.6	8.4	4.9	6.0
MB 28	4.6	5.2	6.0	6.7	5.2	6.2	6.1	4.9	7.7	7.6	5.3	6.0
TA-7	4.3	5.7	6.0	7.0	4.8	6.1	5.5	5.8	6.7	7.6	6.1	6.0
RENEGADE	5.3	6.1	5.8	6.7	5.2	5.9	5.1	4.9	7.6	7.4	5.3	5.9
CU9501T	4.9	5.8	5.9	6.5	5.0	6.6	5.4	5.2	6.1	7.8	6.0	5.9
SOUTHERN CHOICE	4.8	6.3	6.2	6.7	5.2	6.1	5.0	4.9	7.2	7.5	5.2	5.9
PICK FA B-93	4.4	5.7	6.3	7.7	4.6	6.2	5.3	5.4	5.6	7.9	5.8	5.9
SHORTSTOP II	4.5	5.7	5.5	7.3	4.6	6.0	5.9	4.6	7.3	7.0	6.4	5.9
WRS2	4.3	6.0	5.7	7.0	4.8	6.0	5.2	5.3	7.4	7.8	5.1	5.9
BAR FA 6D	3.7	5.6	6.1	7.3	4.0	6.2	5.7	5.2	6.7	8.2	5.8	5.9
APACHE II	3.9	6.2	5.8	7.5	4.8	6.3	5.4	5.4	6.4	7.5	5.4	5.9
MUSTANG II	4.5	5.9	6.1	7.0	6.0	6.1	4.4	4.3	7.0	7.3	5.7	5.9
MB 216	4.6	6.1	5.5	7.2	4.7	6.2	5.6	5.0	6.1	8.1	5.2	5.8
CU9502T	4.1	6.2	6.2	6.5	4.3	6.3	5.3	4.5	7.1	7.8	5.9	5.8
OFI-931	4.3	6.1	5.8	7.0	5.0	6.0	5.3	4.8	6.8	7.1	5.9	5.8
MB 213	4.2	5.8	5.7	6.0	5.3	6.1	6.2	5.5	6.9	7.7	4.8	5.8
PICK FA 20-92	3.4	5.1	6.0	7.3	4.6	6.3	5.7	5.4	6.9	7.8	5.6	5.8
BAR FA6 US3	3.7	5.5	6.0	6.7	4.2	6.1	5.7	5.8	7.3	7.5	5.5	5.8
AZTEC II (TMI-AZ)	4.6	5.8	5.9	6.8	5.0	5.3	5.4	5.0	7.0	7.7	5.6	5.8
SRX 8500	4.2	6.2	5.7	7.2	4.5	6.0	5.5	5.4	6.3	7.3	5.8	5.8
GAZELLE	4.3	5.9	6.0	6.8	4.3	6.4	5.8	6.0	4.9	7.9	5.5	5.8
SR 8210	4.5	6.3	6.1	6.7	4.5	5.7	5.4	4.8	6.4	8.1	5.3	5.8
BAR FA 6LV	4.1	5.3	5.5	7.3	4.1	6.3	5.4	5.3	6.2	7.8	6.2	5.8
DUSTER	4.7	5.8	5.9	6.8	4.4	6.3	4.8	4.5	6.6	7.6	6.3	5.8
REBEL 2000 (AA-989)	4.2	5.5	5.7	7.0	4.0	5.8	5.6	5.0	7.1	7.3	6.4	5.8
ARID 2 (J-3)	2.9	5.3	5.4	6.8	4.5	6.1	6.0	5.0	7.2	7.8	6.4	5.8
MASTERPIECE (LTP-SD-TF)	4.1	5.9	6.3	6.8	4.7	6.0	5.2	5.0	6.4	7.5	5.5	5.8
SHENANDOAH	5.5	6.0	6.0	6.2	6.0	5.8	4.3	4.2	7.4	7.2	5.1	5.8
PST-523	4.8	6.1	5.9	5.7	5.4	5.8	5.4	4.9	6.2	7.4	5.8	5.8
MB 210	4.3	5.9	5.7	6.8	4.9	5.8	5.4	5.0	6.8	7.9	4.9	5.8
PIXIE E+	4.9	5.9	5.8	6.7	5.0	6.0	4.4	4.7	6.7	7.7	5.7	5.8
ZPS-2PTF	4.1	6.0	6.0	7.2	4.7	5.8	5.4	5.4	6.4	7.9	4.5	5.8
COYOTE	4.2	5.7	5.7	7.0	4.6	6.0	5.6	5.8	5.3	7.9	5.6	5.8

TABLE 23.
(CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	IA1	IL1	IN1	ME1	MI1	NE1	NJ1	NJ2	NY1	OH1	RI1	
ATF-038	4.3	5.3	5.6	6.3	5.0	6.5	5.3	4.5	7.2	7.5	5.7	5.8
SAFARI	5.1	6.5	5.8	6.5	6.0	5.5	4.1	4.3	7.0	7.5	5.0	5.7
CORONADO	4.4	6.0	5.8	7.5	4.3	6.0	5.9	5.4	5.2	7.7	5.0	5.7
EMPRESS	4.1	6.3	5.8	7.2	4.8	6.4	5.1	5.1	5.1	7.5	5.7	5.7
BONSAI 2000 (BULLET)	4.3	6.0	6.0	6.7	5.3	5.5	5.2	5.1	6.3	7.6	5.0	5.7
MB 215	4.1	5.8	5.7	6.8	4.7	6.3	5.7	5.1	5.6	8.2	5.2	5.7
TITAN 2	5.6	6.6	5.6	6.2	5.8	5.6	4.2	3.8	7.3	7.3	5.0	5.7
PICK GA-96	3.6	5.8	6.0	6.8	4.2	6.3	5.3	4.8	7.6	7.3	5.2	5.7
TAR HEEL	4.0	6.1	5.8	6.8	4.9	5.3	5.6	5.4	6.0	7.6	5.4	5.7
PICK FA 15-92	3.4	5.6	5.8	7.3	4.6	6.0	5.6	4.3	6.2	7.5	6.7	5.7
BRAVO (RG-93)	4.4	5.9	6.0	7.0	4.6	4.7	5.0	4.9	7.7	7.7	5.0	5.7
MB 211	3.7	5.8	5.8	7.0	4.9	6.0	5.3	4.9	6.0	7.6	5.9	5.7
REGIMENT	4.8	6.1	5.8	6.5	5.4	5.6	5.2	4.7	6.4	7.3	5.2	5.7
BAR FA6 US2U	4.1	5.3	5.9	6.5	4.0	6.3	6.1	5.0	7.0	7.1	5.5	5.7
ATF-196	4.1	4.8	5.7	7.2	4.7	6.0	5.3	5.0	6.9	7.3	5.8	5.7
FALCON II	4.5	6.4	5.8	6.7	5.0	6.3	4.7	4.4	6.3	7.3	5.2	5.7
MB 212	4.3	6.1	5.8	7.0	5.1	5.7	5.3	5.1	4.8	7.6	5.7	5.7
GOOD-EN (KOOS 94-14)	4.1	5.6	5.3	6.8	5.0	6.1	5.2	4.9	6.8	7.8	4.9	5.7
FINELAWN PETITE	4.6	5.5	5.8	7.0	4.8	5.2	5.1	4.5	6.2	7.9	5.8	5.7
WPEZE (WVPB-1C)	4.5	6.0	5.5	6.7	4.7	5.1	4.9	4.9	7.2	7.4	5.5	5.7
PICK FA 6-91	3.9	5.6	5.5	7.0	5.1	6.1	6.1	4.9	4.1	7.5	6.6	5.7
OFI-96-32	4.3	6.2	5.8	6.8	4.9	5.8	4.8	4.6	6.2	7.6	5.4	5.7
ZPS-5LZ	4.3	5.5	5.3	7.0	4.6	6.2	5.9	5.3	5.9	7.5	4.8	5.7
PICK RT-95	3.6	5.6	6.0	6.7	5.0	6.0	5.2	5.4	6.1	7.6	5.1	5.7
TULSA	4.3	5.9	5.9	6.8	5.1	5.7	5.0	5.0	4.9	8.0	5.7	5.7
PST-5E5	4.0	5.8	6.0	6.5	4.3	5.3	5.3	5.0	7.1	7.6	5.3	5.7
ISI-TF9	3.8	6.0	5.7	6.5	5.3	6.0	5.3	4.4	6.2	7.8	5.3	5.7
SUNPRO	3.4	5.7	6.2	7.2	4.5	6.4	5.7	4.8	6.0	7.4	4.9	5.7
BAR FA6 US1	3.7	5.0	5.9	6.5	4.0	6.3	5.6	5.4	7.2	7.8	4.8	5.7
EC-101	4.3	5.8	6.0	6.3	5.4	6.0	4.8	4.6	5.6	7.7	5.7	5.6
ISI-TF10	3.8	5.5	5.6	6.7	4.8	5.5	5.6	5.1	6.8	7.3	5.4	5.6
COCHISE II	3.7	5.7	5.5	7.2	5.4	5.5	4.7	4.1	7.4	7.6	5.2	5.6
BAR FA6D USA	3.8	5.4	5.9	6.8	5.3	5.9	5.9	5.2	5.1	7.5	5.2	5.6
ANTHEM II (TMI-FMN)	4.3	5.4	5.4	6.8	5.0	5.4	5.7	4.7	6.3	7.4	5.5	5.6
PSII-TF-9	4.3	6.0	5.8	6.8	4.8	5.2	4.6	4.6	7.2	7.4	5.3	5.6
ISI-TF11	4.9	6.2	5.5	6.3	4.8	5.6	4.8	4.4	6.4	7.8	5.1	5.6
ATF-188	3.9	5.8	6.0	6.8	4.9	5.5	4.8	4.3	6.8	7.6	5.6	5.6
PICK FA XK-95	3.5	5.5	5.3	6.5	4.4	5.6	6.0	5.3	6.4	7.8	5.5	5.6
RESERVE (ATF-182)	3.5	6.1	5.8	6.8	5.1	5.1	4.5	4.4	7.3	7.7	5.5	5.6
JAGUAR 3	4.2	5.4	6.0	6.2	4.2	6.5	4.8	4.3	7.1	7.8	5.2	5.6
WX3-275	4.2	5.4	5.5	6.2	4.7	5.5	4.9	4.2	7.6	7.4	5.8	5.6
OFI-951	3.6	5.6	5.4	6.0	4.1	6.0	5.1	5.1	6.7	8.0	5.5	5.6
LEPRECHAUN	4.3	6.0	5.8	7.2	4.4	5.6	4.6	4.2	7.2	7.5	4.3	5.5
TOMAHAWK-E	3.8	6.0	5.5	6.3	4.5	6.2	5.0	3.9	5.7	7.7	6.1	5.5
ALAMO E	4.2	6.0	5.3	5.8	5.2	5.5	5.1	4.8	5.8	7.8	5.4	5.5

TABLE 23.
(CONT'D)

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											
	IA1	IL1	IN1	ME1	MI1	NE1	NJ1	NJ2	NY1	OH1	RI1	MEAN
MARKSMAN	4.8	6.0	5.8	7.0	4.4	5.9	4.6	4.3	5.8	7.4	4.8	5.5
PSII-TF-10	4.2	5.6	5.4	6.7	4.9	5.8	4.6	4.4	6.4	7.5	5.2	5.5
WVPB-1D	4.8	5.9	5.5	6.0	5.0	5.8	5.1	4.2	6.3	7.5	4.6	5.5
OFI-FWY	4.2	5.7	5.9	6.3	4.4	6.1	4.7	5.0	6.6	7.3	4.1	5.5
AA-983	3.2	5.1	5.5	6.8	4.0	6.6	4.6	4.4	5.8	7.6	6.4	5.5
PC-AO	4.5	5.2	5.7	6.2	5.1	6.0	4.3	4.3	6.3	7.6	4.8	5.5
WOLFPACK (PST-R5TK)	4.3	6.1	5.9	6.0	4.8	5.8	4.7	5.0	5.0	7.5	5.1	5.5
BAR FA6 US6F	4.4	5.9	5.6	6.7	4.1	5.1	5.4	5.1	3.9	7.8	5.9	5.4
WVPB-1B	3.8	5.6	6.1	6.2	4.4	5.5	5.0	4.8	5.8	7.5	5.2	5.4
ARABIA (J-5)	3.3	4.7	5.4	6.3	4.4	5.2	5.8	5.1	6.7	7.3	5.7	5.4
PST-5M5	4.1	5.5	5.9	6.5	5.3	6.1	4.9	4.9	4.1	7.8	4.8	5.4
SRX 8084	4.2	6.2	5.5	7.0	5.1	5.8	4.3	4.2	5.2	7.6	4.6	5.4
TWILIGHT II (TMI-TW)	4.2	5.2	5.1	6.0	4.4	5.0	5.5	5.0	6.3	7.0	5.9	5.4
ATF-020	4.1	4.9	5.5	6.8	4.3	6.0	4.7	4.3	6.0	7.6	5.5	5.4
ATF-022	3.9	4.9	5.1	6.3	4.2	6.3	4.7	4.1	6.8	7.4	5.7	5.4
EA 41	4.2	5.7	5.2	6.5	4.8	5.3	5.2	4.2	5.0	7.8	5.6	5.4
KITTY HAWK S.S.T. (SS45DW)	4.2	5.6	5.7	6.0	5.2	5.0	4.3	4.2	6.6	7.3	5.4	5.4
BANDANA (PST-R5AE)	4.7	6.0	5.5	6.5	4.9	4.5	4.2	4.1	6.0	7.8	5.2	5.4
PICK FA UT-93	3.2	4.6	5.3	7.5	3.3	5.5	5.0	4.6	6.4	7.8	5.9	5.4
LION	4.0	5.6	5.3	6.3	4.1	5.7	4.6	4.4	4.8	8.0	6.1	5.4
CORONADO GOLD (PST-5RT)	4.1	5.8	5.6	6.0	5.1	5.2	5.0	4.5	5.1	7.3	5.1	5.3
PICK FA N-93	2.9	5.0	5.8	7.3	3.7	5.4	5.5	4.8	5.7	7.6	5.0	5.3
JSC-1	4.1	5.3	5.6	5.8	4.7	5.5	4.3	3.9	6.1	7.5	5.7	5.3
BONSAI	4.0	5.7	5.7	5.8	5.0	5.9	4.1	3.8	6.2	7.3	4.9	5.3
PRO 8430	3.9	5.9	5.8	6.0	4.4	5.9	3.6	4.0	6.4	7.6	4.8	5.3
DP 50-9011	3.6	5.3	6.0	6.2	4.5	5.0	4.3	3.5	7.0	7.8	5.2	5.3
R5AU	3.8	5.8	6.0	7.3	4.2	4.5	5.2	4.4	4.0	7.3	5.8	5.3
EQUINOX (TMI-N91)	3.8	5.8	5.4	6.7	4.4	4.7	4.3	4.2	5.6	7.6	5.7	5.3
COMSTOCK (SSDE31)	3.9	5.6	5.5	6.0	5.2	5.6	4.4	4.1	4.6	7.4	5.7	5.3
ATF-257	4.0	5.8	5.6	6.0	5.0	5.2	3.8	4.3	6.0	7.1	5.1	5.3
PST-5TO	3.1	5.6	5.7	6.2	4.3	5.1	5.0	4.6	5.4	7.5	5.3	5.3
ATF-253	4.2	5.3	5.3	6.3	4.4	5.2	4.7	4.5	4.2	7.5	5.3	5.2
JTTFA-96	4.4	5.6	5.5	6.2	5.5	4.1	3.4	3.7	6.3	7.3	4.6	5.2
ARID	5.4	5.9	5.5	5.5	6.0	4.9	3.3	2.8	5.7	7.0	4.4	5.1
ATF-192	4.1	5.4	5.2	7.5	4.0	4.0	4.1	3.8	5.8	6.8	5.5	5.1
JTTFC-96	4.4	5.5	5.5	5.8	5.4	4.8	3.7	3.5	5.7	6.9	4.6	5.1
DLF-1	4.9	5.4	5.4	5.5	5.3	5.3	3.3	3.2	4.1	7.3	5.4	5.0
DP 7952	4.6	5.3	5.1	5.7	4.3	4.7	2.7	2.9	7.0	7.1	4.1	4.9
AV-1	4.3	5.4	5.1	5.2	4.7	4.8	2.8	3.0	4.4	7.0	5.7	4.8
KENTUCKY-31 W/ENDO.	5.2	5.2	4.3	3.7	5.4	3.0	2.0	1.3	5.7	6.2	4.1	4.2
LSD VALUE	1.2	0.7	0.5	1.0	0.9	0.8	0.9	0.7	2.2	0.6	0.5	0.3
C.V. (%)	18.1	7.2	5.6	9.7	12.0	9.0	11.0	8.9	21.9	4.9	5.9	11.4

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 24.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT THREE LOCATIONS IN THE COOL-ARID ZONE 1/
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
NAME	CA1	UT1	WA1	MEAN	NAME	CA1	UT1	WA1	MEAN	
ZPS-2PTF	7.2	6.5	6.8	6.8	MB 211	7.0	5.9	6.2	6.4	
BAR FA6 US3	7.1	6.4	6.8	6.8	REBEL 2000 (AA-989)	7.1	5.4	6.6	6.4	
PLANTATION (PENNINGTON-1901)	7.5	6.3	6.3	6.7	ANTHEM II (TMI-FMN)	7.3	6.0	5.8	6.4	
SR 8210	7.2	6.6	6.3	6.7	CROSSFIRE II	7.3	5.7	6.1	6.4	
CU9502T	7.8	5.7	6.3	6.6	ATF-196	6.9	6.0	6.2	6.4	
EMPRESS	7.2	6.3	6.2	6.6	SHORTSTOP II	7.2	5.7	6.2	6.3	
MB 213	7.2	6.4	6.1	6.6	PICK RT-95	7.1	5.9	6.1	6.3	
SOUTHERN CHOICE	7.5	6.3	5.8	6.5	PICK FA UT-93	6.9	5.8	6.3	6.3	
BAR FA6 US1	6.9	6.2	6.5	6.5	SHENANDOAH	7.3	6.2	5.6	6.3	
OFI-951	7.1	6.2	6.3	6.5	PIXIE E+	7.4	5.8	5.8	6.3	
BONSAI 2000 (BULLET)	7.6	6.3	5.7	6.5	SRX 8500	7.1	6.0	5.9	6.3	
CU9501T	7.5	5.9	6.1	6.5	MB 210	7.4	5.9	5.7	6.3	
PICK FA 6-91	7.0	6.3	6.3	6.5	BAR FA6 US6F	7.5	5.8	5.8	6.3	
TULSA	7.5	6.0	6.0	6.5	ISI-TF9	7.5	5.6	5.9	6.3	
MB 29	7.1	5.6	6.8	6.5	EQUINOX (TMI-N91)	7.3	5.8	5.8	6.3	
PICK FA B-93	6.9	6.4	6.2	6.5	ISI-TF10	7.0	5.8	6.1	6.3	
BAR FA6 US2U	7.1	5.9	6.5	6.5	PST-5E5	6.9	6.0	6.0	6.3	
COYOTE	7.0	6.2	6.3	6.5	PICK FA 20-92	7.2	5.6	6.1	6.3	
GAZELLE	7.0	6.4	6.1	6.5	MILLENNIUM (TMI-RBR)	7.5	5.6	5.8	6.3	
ARID 2 (J-3)	7.2	6.2	6.1	6.5	TWILIGHT II (TMI-TW)	7.2	5.7	6.1	6.3	
AZTEC II (TMI-AZ)	7.4	5.9	6.1	6.5	EA 41	6.8	5.9	6.2	6.3	
OFI-96-31	7.1	6.3	6.1	6.5	MARKSMAN	7.1	5.9	5.8	6.3	
MB 214	7.1	5.7	6.6	6.5	GENESIS	7.0	6.2	5.8	6.3	
OFI-931	7.0	6.1	6.3	6.5	MB 216	7.2	5.6	6.1	6.3	
MB 26	7.3	5.8	6.2	6.4	BAR FA 6LV	7.5	5.7	5.8	6.3	
SUNPRO	6.9	6.2	6.2	6.4	DUSTER	7.0	6.2	5.7	6.3	
CORONADO	7.4	6.1	5.8	6.4	JAGUAR 3	7.4	5.5	6.0	6.3	
REMBRANDT (LTP-4026 E+)	7.2	6.0	6.1	6.4	ATF-188	7.3	5.7	5.8	6.3	
J-101	7.3	5.7	6.3	6.4	SRX 8084	7.2	5.8	5.8	6.3	
MASTERPIECE (LTP-SD-TF)	7.3	5.7	6.3	6.4	WRS2	7.5	5.4	5.9	6.3	
REGIMENT	7.5	5.9	5.8	6.4	TA-7	7.1	5.9	5.8	6.3	
ARID 3 (J-98)	7.2	6.2	5.9	6.4	WVPB-1D	7.4	5.9	5.5	6.3	
BANDANA (PST-R5AE)	7.4	5.7	6.1	6.4	RENEGADE	7.4	5.7	5.8	6.3	
MB 212	7.4	5.8	6.1	6.4	BAR FA6D USA	7.0	5.7	6.0	6.3	
REBEL SENTRY (AA-A91)	7.5	5.6	6.1	6.4	GOOD-EN (KOOS 94-14)	7.4	5.7	5.7	6.2	
PICK GA-96	7.2	6.0	6.0	6.4	R5AU	7.3	5.8	5.6	6.2	
ARABIA (J-5)	7.1	5.8	6.3	6.4	PRO 8430	7.2	5.7	5.8	6.2	
BAR FA 6D	7.3	5.8	6.0	6.4	PST-5TO	7.0	5.9	5.8	6.2	
LEPRECHAUN	7.3	5.7	6.2	6.4	WPEZE (WVPB-1C)	7.3	5.7	5.7	6.2	
ALAMO E	7.1	6.1	5.9	6.4	PSII-TF-9	6.8	6.2	5.7	6.2	
PST-523	7.4	5.9	5.8	6.4	ATF-038	7.3	5.4	5.9	6.2	
APACHE II	7.4	6.1	5.7	6.4	TAR HEEL	7.2	5.7	5.8	6.2	
MB 28	7.1	5.9	6.2	6.4	PSII-TF-10	7.1	5.7	5.8	6.2	
PICK FA 15-92	7.1	6.2	5.8	6.4	PICK FA XK-95	7.1	5.8	5.8	6.2	
PST-5M5	7.0	6.0	6.1	6.4	OFI-96-32	7.4	5.8	5.4	6.2	

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CA1	UT1	WA1	MEAN
ZPS-5LZ	6.9	5.8	5.8	6.2
RESERVE (ATF-182)	6.9	5.8	5.8	6.2
BRAVO (RG-93)	7.2	5.6	5.8	6.2
COCHISE II	7.0	5.6	5.9	6.2
ISI-TF11	7.1	5.9	5.5	6.2
FALCON II	7.1	5.8	5.7	6.2
MUSTANG II	7.2	5.7	5.6	6.2
AA-983	6.5	5.8	6.2	6.2
MB 215	6.8	5.6	6.1	6.2
OFI-FWY	7.1	5.7	5.8	6.2
BONSAI	6.7	5.9	5.8	6.1
EC-101	7.0	5.7	5.7	6.1
TOMAHAWK-E	6.7	5.9	5.8	6.1
PC-AO	7.0	5.7	5.8	6.1
SAFARI	7.1	5.8	5.4	6.1
KITTY HAWK S.S.T. (SS45DW)	6.9	5.7	5.7	6.1
WOLFPACK (PST-R5TK)	7.1	5.7	5.4	6.1
LION	7.0	5.4	5.8	6.1
CORONADO GOLD (PST-5RT)	7.0	5.3	5.8	6.1
DP 50-9011	6.9	5.7	5.5	6.0
FINELAWN PETITE	7.1	5.3	5.7	6.0
JSC-1	6.8	5.6	5.7	6.0
PICK FA N-93	6.7	5.7	5.6	6.0
WVPB-1B	7.0	5.5	5.4	6.0
WX3-275	7.0	5.6	5.3	6.0
ATF-253	6.9	5.3	5.7	6.0
ATF-022	6.8	5.3	5.8	6.0
ATF-020	6.8	5.4	5.7	6.0
ATF-257	6.7	5.9	5.3	6.0
TITAN 2	7.0	5.4	5.4	6.0
JTTFA-96	6.8	5.8	5.2	5.9
ATF-192	6.6	5.6	5.3	5.8
COMSTOCK (SSDE31)	6.9	5.1	5.4	5.8
DLF-1	6.5	5.5	5.3	5.8
JTTFC-96	7.0	5.0	5.0	5.7
ARID	6.4	5.3	5.2	5.6
DP 7952	6.7	4.8	5.3	5.6
AV-1	6.0	5.5	4.9	5.5
KENTUCKY-31 W/ENDO.	4.6	3.8	3.8	4.1
LSD VALUE	0.5	0.8	0.6	0.4
C.V. (%)	4.3	8.1	6.8	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.

TABLE 25.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	AR1	CA1	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	MEAN	
MB 26	8.3	8.0	5.0	7.3	7.3	6.3	8.3	6.0	7.8	8.0	7.7	8.0	7.0	6.3	8.0	7.2	8.0	8.0	8.0	7.3	7.3	8.0	8.3	7.0	6.3	7.0	6.7	6.7	7.3	
MB 213	8.3	8.0	4.3	7.5	7.0	7.0	8.0	6.3	8.7	8.7	7.0	7.7	7.0	6.0	7.7	6.8	7.7	7.7	7.3	7.7	8.7	7.3	8.0	7.0	5.7	7.7	7.3	6.3	7.3	
MB 29	8.0	8.0	5.7	8.0	7.0	6.3	6.7	7.0	8.2	8.3	7.3	8.0	7.0	5.7	8.3	6.5	8.0	8.0	7.0	6.3	8.7	8.0	8.3	6.3	5.7	7.3	6.7	6.7	7.3	
PICK FA 6-91	7.0	8.0	5.0	8.3	6.7	6.0	6.3	5.7	8.0	8.3	7.3	7.7	7.3	5.7	7.7	7.0	8.0	7.3	8.3	7.3	8.3	7.0	8.0	8.0	5.7	7.7	7.0	6.0	7.2	
MB 216	7.3	8.0	4.3	8.3	7.3	6.0	7.0	6.7	8.3	8.3	7.7	7.7	7.0	5.7	8.3	6.0	8.0	8.0	6.7	7.3	7.0	8.0	7.3	7.3	5.3	7.7	7.0	6.7	7.2	
ZPS-5LZ	6.7	8.0	4.7	8.7	7.3	6.0	4.3	6.0	8.3	8.0	7.0	7.3	7.0	6.0	7.7	6.8	7.7	8.3	7.3	8.0	8.3	7.3	8.0	8.0	5.3	7.3	6.7	6.3	7.1	
MB 215	8.5	7.7	5.3	7.0	6.7	6.3	8.0	6.3	8.2	7.7	7.0	7.7	7.0	5.7	7.0	6.8	8.0	8.0	6.7	7.0	8.0	8.0	7.7	6.3	5.3	7.3	6.7	6.7	7.1	
MB 214	7.3	8.0	5.3	7.7	7.3	6.3	5.7	6.3	8.0	8.0	6.7	7.0	7.7	5.7	8.0	6.5	7.7	7.7	6.7	7.7	9.0	8.0	7.3	7.0	5.3	7.0	6.3	6.3	7.1	
BAR FA6 US1	7.3	8.0	4.7	8.3	6.7	6.0	6.7	6.3	8.0	7.3	7.3	7.7	6.7	6.0	7.7	6.5	8.0	8.0	7.3	7.0	8.0	7.0	8.3	8.0	5.0	7.0	5.7	6.3	7.0	
MB 28	7.7	8.0	4.7	8.3	7.0	6.7	7.3	6.3	8.0	7.0	7.3	7.3	7.3	5.7	7.3	6.5	8.0	7.7	6.3	6.7	8.7	7.3	7.7	6.7	5.7	7.0	6.7	6.0	7.0	
ARABIA (J-5)	7.0	8.0	5.3	7.7	7.0	6.3	6.3	6.3	8.2	8.3	7.0	7.0	7.0	6.7	7.0	6.7	7.7	8.0	8.0	6.7	8.0	6.3	7.3	7.0	5.7	7.3	6.3	6.0	7.0	
BAR FA6 US3	7.0	8.0	5.0	8.0	7.0	6.7	6.7	6.3	7.8	8.0	7.0	7.7	7.0	5.7	6.7	6.2	7.7	8.0	6.3	6.7	8.3	7.0	8.0	8.0	5.3	7.7	6.0	6.3	7.0	
BAR FA6 US2U	7.0	8.0	5.0	8.0	7.0	6.7	6.7	6.0	7.8	7.7	7.0	7.7	7.0	5.7	8.0	6.8	8.0	8.0	6.7	6.7	7.7	6.3	8.3	8.0	5.0	7.0	6.0	6.0	7.0	
PICK FA UT-93	7.3	8.0	5.7	7.0	7.0	6.0	6.3	5.7	7.5	7.7	6.7	7.7	7.0	5.7	7.7	6.7	8.0	7.3	7.7	7.0	7.7	7.3	8.3	7.7	5.7	7.0	6.0	6.0	7.0	
PICK FA N-93	5.7	8.0	5.3	8.0	7.3	6.0	6.3	6.0	8.0	8.0	6.7	8.0	6.7	6.3	8.7	6.5	7.7	7.7	7.7	6.7	6.7	7.3	7.0	8.7	7.0	5.3	7.3	4.7	6.3	7.0
PICK FA 20-92	6.7	8.0	4.7	8.0	7.0	6.7	6.3	6.0	7.8	8.7	6.7	8.0	7.0	6.3	7.7	6.3	7.7	7.7	7.7	6.7	6.7	7.7	7.3	8.0	7.0	5.0	6.7	5.3	6.0	6.9
MB 211	6.7	8.0	5.7	8.3	7.0	6.7	6.7	6.7	7.7	8.3	6.3	7.7	7.0	6.0	7.3	6.2	7.7	7.3	6.3	6.3	8.0	7.0	7.0	6.3	6.0	7.3	5.7	6.0	6.9	
ARID 3 (J-98)	7.0	7.7	4.3	8.3	7.0	6.0	4.7	5.7	7.8	8.0	6.7	7.7	7.3	5.3	7.7	6.3	7.7	7.7	7.7	7.0	7.7	7.3	7.7	7.3	6.0	7.3	6.3	6.0	6.9	
EA 41	7.0	8.0	5.3	7.0	7.0	6.3	6.3	6.3	7.8	8.0	6.7	8.0	7.0	5.7	7.0	6.2	8.0	8.0	7.0	6.0	7.7	8.0	7.3	7.0	5.3	6.7	6.3	6.0	6.9	
MB 212	8.3	8.0	5.0	8.0	7.0	7.0	7.7	7.0	7.5	7.7	6.3	7.3	7.0	5.3	6.7	6.8	7.7	7.7	5.7	6.0	8.0	7.3	7.3	6.3	5.3	6.7	5.7	6.3	6.9	
BAR FA 6LV	7.7	8.0	5.0	8.3	7.0	6.3	6.7	6.0	8.3	7.3	6.7	8.0	7.0	4.7	7.7	6.5	8.0	7.7	6.3	6.3	7.3	7.7	7.3	6.7	5.3	7.0	5.7	6.0	6.9	
COYOTE	7.0	8.0	5.5	8.0	7.3	6.3	4.7	6.0	7.8	7.7	6.3	8.0	7.0	5.3	8.0	6.5	8.0	7.3	6.7	7.3	8.0	7.3	7.3	6.7	5.3	6.7	6.0	6.0	6.9	
REBEL 2000 (AA-989)	7.3	8.0	6.0	8.0	7.0	6.7	4.3	6.0	7.3	7.7	7.0	7.3	7.0	5.7	7.7	5.7	7.3	7.7	6.3	6.7	8.3	6.3	7.7	8.0	5.3	7.0	6.0	6.7	6.9	
GAZELLE	6.3	8.0	5.7	9.0	7.0	6.0	4.0	6.0	8.0	7.7	6.0	7.3	7.0	6.3	6.3	6.8	8.0	8.0	6.7	7.7	7.7	8.0	8.0	6.3	5.3	7.0	5.3	6.0	6.8	
PICK FA 15-92	7.3	8.0	4.3	8.0	7.0	6.7	6.3	6.0	7.5	7.7	6.7	7.7	7.0	5.3	6.0	6.0	7.7	7.7	7.0	6.3	8.0	7.3	8.0	7.0	5.7	6.7	6.0	6.0	6.8	
AA-983	7.0	8.0	5.3	8.0	7.0	5.7	5.3	5.7	7.8	7.7	6.7	8.0	7.0	5.7	8.0	6.0	7.0	7.3	5.7	6.7	7.7	7.3	7.0	7.3	5.3	7.3	6.3	6.7	6.8	
OFI-951	6.3	8.0	5.0	7.3	7.0	6.3	7.3	6.0	7.5	8.3	6.7	7.7	7.0	5.3	7.7	6.0	7.7	8.0	6.3	6.7	7.7	7.7	7.7	6.0	5.3	6.7	5.3	6.0	6.8	
WRS2	6.7	8.0	5.3	8.0	6.7	6.7	5.3	6.3	7.7	7.3	6.3	8.0	7.0	5.7	8.3	6.2	8.0	8.0	5.7	6.7	7.7	7.3	7.7	6.0	5.0	6.7	6.0	6.0	6.8	
BAR FA6D USA	7.7	8.0	4.7	7.7	7.3	6.0	5.3	6.0	7.7	7.3	6.7	7.3	7.0	6.0	6.7	5.7	7.3	7.0	7.0	6.7	8.0	7.0	8.0	7.7	5.3	7.0	6.0	6.0	6.8	
TWILIGHT II (TMI-TW)	7.0	8.0	4.7	7.3	7.0	6.7	5.0	6.0	7.2	7.0	7.0	6.7	7.3	6.0	7.7	6.5	7.3	7.0	6.3	6.0	7.7	7.0	7.3	7.7	5.3	7.0	7.0	6.7	6.8	
SUNPRO	7.7	8.0	4.7	7.7	7.0	6.3	7.0	6.3	7.8	7.7	6.0	6.7	7.0	5.7	7.7	5.8	7.0	7.0	6.7	6.3	7.7	7.0	8.0	6.0	5.0	7.7	5.0	6.0	6.7	
CORONADO	8.0	8.0	5.0	8.0	7.0	6.0	5.3	6.3	7.5	7.3	6.7	7.3	7.3	5.3	7.3	6.2	7.0	7.7	6.0	6.7	7.3	7.3	7.3	6.7	5.0	7.0	5.7	6.0	6.7	
J-101	7.0	8.0	4.7	8.3	7.0	6.0	4.3	6.3	7.5	7.7	6.7	7.7	7.0	4.7	7.7	6.5	7.3	7.7	5.7	5.7	7.3	7.3	7.0	8.0	5.7	6.7	6.0	6.3	6.7	
OFI-96-31	6.7	8.0	5.0	7.7	7.0	7.0	5.0	6.0	7.3	7.7	6.7	7.7	7.3	5.3	7.3	6.5	7.3	7.0	5.7	6.7	8.0	7.3	7.3	6.7	5.3	6.7	5.3	6.0	6.7	
PLANTATION (PENNINGTON-1901)	7.0	8.0	5.3	8.3	6.3	6.3	6.0	6.3	8.0	7.3	6.3	7.3	7.3	5.0	6.3	6.3	7.7	7.7	6.0	7.0	8.0	7.3	7.0	5.7	5.7	7.0	4.7	6.0	6.7	
REMBRANDT (LTP-4026 E+)	7.0	8.0	5.3	9.0	7.0	6.7	4.3	6.0	7.5	7.0	6.0	7.3	7.3	5.3	5.7	6.2	8.0	7.0	6.0	6.7	8.7	7.7	7.7	6.0	5.7	6.7	5.7	6.0	6.7	
ARID 2 (J-3)	6.0	8.0	5.7	7.3	7.0	6.3	4.7	6.0	7.7	7.7	7.3	7.0	7.0	5.3	7.3	6.3	8.0	7.7	6.7	6.3	7.7	7.7	7.0	6.3	5.3	6.7	5.0	6.0	6.7	
ZPS-2PTF	8.0	8.0	4.7	8.7	7.0	6.3	4.7	6.3	7.7	7.3	6.0	7.3	6.7	5.3	7.0	5.8	7.0	7.7	6.0	6.0	7.7	7.7	7.7	6.0	5.0	7.0	6.3	6.0	6.7	
PICK FA XK-95	6.3	8.0	5.0	6.5	7.3	6.3	4.7	6.0	7.7	7.0	6.7	7.3	7.0	5.3	6.7	6.2	7.7	8.0	7.0	6.7	8.3	7.3	7.7	7.0	5.0	6.7	5.3	6.0	6.7	
PICK RT-95	5.7	8.0	5.3	8.7	6.7	5.7	6.0	6.7	7.5	7.7	6.0	7.7	7.0	4.7	7.7	6.3	7.3	7.3	6.3	6.3	8.0	7.0	7.3	6.0	5.3	6.7	5.7	6.0	6.7	
MILLENNIUM (TMI-RBR)	6.3	8.0	4.3	8.3	6.7	6.3	4.0	6.7	7.3	7.3	6.0	8.0	7.0	5.7	6.7	6.0	7.7	7.3	7.0	6.7	7.3	7.7	7.3	7.0	5.7	5.7	6.3	6.0	6.7	
OFI-931	6.7	8.0	5.7	7.3	6.7	6.7	5.7	6.3	6.8	8.0	6.3	7.7	7.0	5.0	7.0	6.2	7.3	7.7	5.3	6.0	7.7	7.0	8.0	6.0	5.7	7.0	5.3	6.0	6.6	
BAR FA 6D	7.0	8.0	5.7	7.0	7.0	6.0	6.0	6.3	7.7	7.3	6.0	7.3	7.0	4.3	7.7	6.3	7.3	7.0	6.7	6.0	7.0	8.0	7.7	6.0	5.7	6.7	5.3	6.0	6.6	
BAR FA6 US6F	7.0	7.7	4.7	8.0	6.7	6.7	6.0	6.3	7.5	7.3	6.7	8.0	7.0	5.3	6.0	6.0	8.0	7.7	5.7	5.7	7.7	7.3	7.0	6.0	5.3	7.0	5.3	6.0	6.6	

TABLE 25. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AR1	CA1	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MIL	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	NY1	OH1	OK1	RI1	SC2	UT1	VA1	VA4	MEAN
PICK GA-96	7.3	8.0	6.0	8.7	7.0	6.0	6.3	6.0	7.0	7.7	6.3	7.7	6.7	5.0	5.3	5.7	7.7	7.0	6.3	6.3	8.3	7.0	7.3	6.3	5.0	6.3	5.0	6.0	6.6
REBEL SENTRY (AA-A91)	6.0	8.0	4.3	7.3	7.0	6.3	6.3	6.0	7.8	8.0	6.0	7.3	7.0	5.0	6.0	6.2	7.3	7.7	6.0	6.7	7.3	7.7	7.0	7.0	5.3	6.7	5.3	6.0	6.6
SHORTSTOP II	6.0	8.0	5.3	7.0	6.7	6.0	4.7	5.7	7.3	7.0	7.0	7.7	7.3	5.7	6.3	6.2	7.0	7.3	7.0	6.3	8.7	6.7	7.3	6.3	5.7	6.3	6.0	6.0	6.6
TA-7	6.0	8.0	5.0	7.3	7.3	6.3	4.3	6.0	7.3	7.7	5.7	7.7	7.3	4.7	7.3	5.7	7.3	7.3	5.7	6.7	7.7	7.3	7.0	5.3	6.7	6.0	6.0	6.0	6.6
MASTERPIECE (LTP-SD-TF)	6.3	8.0	5.0	9.0	6.7	6.0	4.3	6.7	7.3	7.3	6.3	7.7	7.0	4.7	7.0	6.5	7.3	7.3	5.7	6.0	7.3	7.0	7.0	6.7	5.0	6.7	6.0	6.0	6.6
PICK FA B-93	7.7	8.0	5.3	8.7	6.7	6.0	4.3	6.0	7.2	7.3	6.3	7.3	7.0	5.0	6.7	6.0	7.3	7.3	5.0	6.0	8.0	7.7	7.3	6.0	5.0	7.0	5.3	6.0	6.6
ISI-TF10	6.3	8.0	5.0	7.3	7.3	6.3	6.0	6.3	6.5	7.3	6.3	7.0	7.0	5.3	5.7	5.8	7.7	8.0	6.0	5.7	8.0	7.0	7.0	6.0	5.0	7.0	6.3	6.0	6.5
PST-5E5	6.0	8.0	5.0	8.7	6.7	6.7	4.7	6.0	7.2	7.3	6.0	7.0	7.0	5.3	7.0	5.8	7.7	8.0	5.0	6.0	7.7	7.0	7.0	6.3	5.0	6.7	6.0	6.0	6.5
MB 210	6.7	8.0	4.5	7.7	7.0	6.0	5.0	6.0	7.5	7.7	6.3	8.0	6.7	5.3	6.3	6.2	7.3	7.0	5.0	6.0	8.0	7.7	7.0	5.0	5.7	7.0	5.7	6.0	6.5
LION	6.3	8.0	6.0	6.3	7.0	6.0	4.0	6.3	7.2	7.7	7.0	6.3	6.7	5.0	7.0	5.8	7.7	7.7	6.0	5.0	7.3	7.7	7.3	6.3	5.0	7.0	6.3	6.0	6.5
PST-5TO	5.7	8.0	5.0	8.7	7.0	5.7	6.7	6.3	6.7	7.7	6.0	7.7	7.0	5.3	6.7	5.5	6.7	7.0	5.0	5.3	7.0	7.3	6.7	7.0	5.3	6.7	6.0	6.0	6.5
CROSSFIRE II	6.0	8.0	4.3	9.0	7.0	6.3	4.0	6.0	6.8	7.0	6.3	7.0	7.0	5.3	7.0	5.8	7.0	7.3	6.3	5.7	8.3	7.3	7.7	5.0	5.0	6.3	6.0	6.0	6.5
CORONADO GOLD (PST-5RT)	5.7	8.0	5.0	9.0	7.0	5.7	5.7	6.0	7.2	7.0	6.0	7.3	7.0	4.7	6.7	6.3	7.3	7.0	5.3	6.0	7.7	7.3	7.0	5.7	5.3	6.7	5.3	6.0	6.5
CU9501T	6.7	8.0	5.0	7.3	6.3	6.0	4.3	6.3	7.0	8.3	6.3	6.7	7.0	5.0	5.7	6.2	7.3	7.7	5.0	6.0	8.0	8.0	7.0	6.0	5.7	6.3	4.7	6.0	6.4
SOUTHERN CHOICE	6.3	8.0	4.7	8.0	6.7	6.7	5.7	6.0	7.5	7.0	6.0	7.0	7.0	4.7	6.3	6.0	7.3	7.0	5.3	5.7	7.3	7.3	7.0	5.7	5.3	6.7	5.7	6.0	6.4
ALAMO E	7.0	8.0	4.3	8.0	6.3	5.7	5.0	6.0	7.0	7.3	6.7	7.0	7.0	5.0	6.0	6.0	7.7	7.3	5.7	5.7	7.3	7.7	6.7	6.0	5.7	6.0	5.7	6.0	6.4
OFI-FWY	5.7	8.0	4.3	8.0	7.0	6.0	6.3	6.0	6.7	7.7	6.0	6.7	7.0	5.0	7.0	6.5	7.0	7.3	5.0	6.0	7.3	7.0	7.3	5.3	5.3	7.0	5.0	6.0	6.4
PST-5M5	6.0	8.0	4.7	8.0	7.3	6.3	4.3	6.0	6.8	7.0	6.0	7.7	7.3	5.0	6.7	5.7	7.0	7.7	4.7	6.3	7.3	7.3	7.0	6.0	5.0	7.0	5.3	6.0	6.4
ATF-196	6.3	8.0	5.7	8.3	7.0	6.3	3.7	6.0	6.8	7.7	5.7	7.0	7.0	5.3	6.3	5.7	7.0	6.7	5.0	6.3	7.3	7.0	6.7	7.0	5.3	6.7	5.7	6.0	6.4
GENESIS	6.3	8.0	4.7	7.3	7.0	5.3	4.7	6.0	6.8	7.3	6.7	7.0	7.0	5.0	7.0	6.0	7.3	7.3	5.0	5.3	8.3	7.3	7.0	6.0	5.0	7.0	5.7	6.0	6.4
SRX 8500	6.3	8.0	5.7	7.5	7.0	6.0	4.0	6.0	7.0	7.3	6.0	7.0	6.7	5.3	6.3	6.3	7.3	7.7	6.7	6.3	7.0	6.7	7.0	5.7	5.0	6.3	5.0	6.0	6.4
EMPRESS	6.3	8.0	4.0	8.0	7.0	5.7	5.0	6.3	6.7	7.0	6.0	7.3	7.0	5.0	7.0	6.0	6.7	7.3	5.7	5.7	7.7	7.3	7.0	6.0	5.0	6.7	5.0	6.0	6.4
FINELAWN PETITE	5.3	7.3	5.0	7.7	7.0	6.3	5.3	6.0	6.8	7.0	6.0	7.7	7.0	4.7	7.3	5.7	7.7	7.3	5.0	5.0	7.3	8.0	7.0	6.0	5.0	6.7	5.0	6.0	6.4
APACHE II	6.7	8.0	5.0	7.3	7.0	6.3	6.3	6.0	6.8	7.0	6.0	7.3	7.0	4.3	6.3	6.2	7.0	7.3	5.3	5.3	7.7	7.7	6.7	5.0	5.0	6.0	5.3	6.0	6.4
BRAVO (RG-93)	6.0	7.7	5.0	8.3	7.0	6.3	4.0	6.3	6.7	7.3	6.0	6.7	7.0	4.7	7.3	5.5	7.3	7.0	5.3	6.3	7.3	7.3	6.7	5.0	5.3	6.7	5.3	6.0	6.3
WX3-275	5.7	7.7	5.7	7.7	6.7	5.3	5.0	6.0	6.8	7.0	6.0	6.3	6.7	5.0	7.3	5.3	7.0	7.0	6.0	5.3	8.3	7.3	7.3	6.3	5.0	6.7	5.0	6.0	6.3
JAGUAR 3	6.0	8.0	4.7	8.7	6.7	6.0	4.3	6.3	7.0	7.3	6.0	7.3	7.0	4.7	5.7	6.2	6.7	7.3	5.0	5.3	7.0	8.0	6.7	5.7	5.0	6.7	6.0	6.0	6.3
OFI-96-32	6.0	8.0	4.5	8.0	7.0	6.3	4.3	6.0	6.8	7.0	6.0	6.7	7.3	4.7	7.0	5.5	7.0	7.0	5.3	5.7	8.3	7.7	7.0	6.0	5.3	6.0	4.7	6.0	6.3
COCHISE II	6.0	7.7	5.0	8.7	6.7	6.3	3.7	6.0	6.7	7.0	6.0	7.0	7.0	4.7	6.3	6.0	6.7	6.7	5.3	6.0	8.3	7.3	7.0	6.0	5.0	6.7	5.3	6.0	6.3
ANTHEM II (TMI-FMN)	7.3	7.0	4.3	7.0	6.3	6.0	6.3	6.3	6.8	7.0	6.3	7.0	6.7	5.0	7.0	6.0	7.0	6.7	5.3	6.3	6.7	7.0	6.3	5.3	5.7	6.3	5.7	6.0	6.3
R5AU	6.7	8.0	4.7	7.7	7.3	6.3	4.7	6.0	7.0	7.0	6.0	7.0	7.0	4.7	6.7	5.8	7.0	7.3	5.0	5.0	7.3	7.0	6.7	6.0	5.7	6.3	5.0	6.0	6.3
ATF-038	6.3	8.0	4.7	6.7	6.7	6.3	5.0	6.3	6.5	7.0	6.0	7.0	7.0	4.7	5.7	6.5	7.3	7.3	5.0	5.7	7.3	7.3	6.7	5.7	5.3	6.7	6.0	6.0	6.3
DUSTER	5.7	7.7	4.3	6.7	7.0	6.7	4.0	6.0	7.2	7.0	6.0	7.3	7.0	4.7	5.3	5.8	7.3	7.3	5.0	6.0	7.7	7.7	7.0	7.0	5.0	7.0	5.3	6.0	6.3
GOOD-EN (KOOS 94-14)	6.3	8.0	4.5	6.7	7.0	6.0	4.3	6.0	6.7	7.0	5.7	6.7	7.0	5.0	6.7	6.2	7.0	7.0	5.7	6.0	6.7	7.3	6.7	5.0	5.7	6.7	5.7	6.0	6.3
ISI-TF11	5.7	8.0	5.0	7.7	6.7	6.7	5.3	6.0	6.5	7.0	6.0	7.3	7.0	5.0	6.3	5.2	7.0	7.3	5.3	5.3	7.0	7.7	7.0	5.0	5.0	6.0	5.0	6.0	6.3
TAR HEEL	6.3	7.7	5.7	6.7	6.3	5.7	4.0	6.0	6.5	7.0	6.0	7.0	7.0	4.7	6.3	5.5	6.7	7.3	5.7	5.0	7.3	7.0	7.3	7.0	5.0	7.0	5.0	5.7	6.2
TULSA	6.3	8.0	5.0	7.3	7.3	6.0	3.3	6.3	6.5	7.3	5.7	6.7	7.0	5.0	6.0	5.5	7.3	7.0	4.7	5.7	8.0	7.7	7.0	5.7	5.0	6.0	5.0	6.0	6.2
ISI-TF9	5.7	7.7	4.3	8.0	6.7	6.0	5.0	6.0	6.3	7.3	6.0	6.7	6.7	4.3	6.7	6.3	7.3	7.3	5.0	5.3	7.3	8.0	6.3	5.0	5.0	6.3	5.3	6.0	6.2
TOMAHAWK-E	5.3	7.7	5.3	6.0	7.0	6.0	4.3	6.0	6.5	7.3	6.3	6.7	7.0	5.0	6.7	5.5	7.0	7.0	5.0	5.7	7.7	7.3	6.7	5.7	5.0	6.7	5.3	6.0	6.2
ATF-188	6.3	8.0	4.7	7.7	6.7	6.3	4.0	6.3	6.8	7.0	5.7	6.7	7.0	5.0	6.3	6.0	6.7	6.7	4.0	5.7	8.0	7.0	6.3	6.0	5.3	6.0	5.3	6.0	6.2
PIXIE E+	6.0	8.0	4.0	8.3	6.7	6.0	4.0	6.0	6.7	7.3	6.0	6.3	7.0	4.0	6.3	5.8	7.3	7.3	4.3	5.0	6.7	7.7	6.3	6.0	6.0	7.0	5.0	6.0	6.2
AZTEC II (TMI-AZ)	6.3	8.0	5.0	6.0	6.3	6.0	4.7	6.0	6.7	7.0	6.0	6.7	7.0	4.7	6.7	5.8	6.7	6.7	5.3	6.0	6.7	7.7	7.0	4.7	5.7	6.3	5.3	6.0	6.2
MARKSMAN	6.3	7.7	5.0	7.3	7.0	6.0	5.0	6.0	6.2	7.0	5.7	7.0	7.0	4.0	5.7	6.0	7.0	6.7	4.3	5.7	7.7	7.7	6.7	5.0	5.3	6.7	4.7	6.0	6.1
BANDANA (PST-R5AE)	5.3	8.0	5.0	7.3	7.0	6.0	4.7	6.0	7.3	7.3	5.7	7.3	6.7	5.0	6.0	5.8	7.0	7.0	4.0	4.7	7.7	7.7	6.7	4.7	5.0	6.3	4.7	6.0	6.1
EC-101	5.7	8.0	4.7	7.0	6.3	6.0	5.3	6.3	6.3	7.0	6.0	7.7	7.0	4.0	6.3	5.2	6.7	6.7	4.3	5.0	7.7	7.3	6.0	6.3	5.3	6.3	5.0	6.0	6.1

TABLE 25. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AR1	CA1	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	MEAN
CU9502T	6.0	8.0	5.3	7.7	6.0	6.0	5.7	6.3	6.0	7.3	5.7	6.7	6.7	4.0	5.7	5.0	6.7	7.0	5.3	4.7	7.3	7.3	6.3	7.0	5.3	6.0	4.3	6.0	6.1
FALCON II	6.0	8.0	4.7	7.3	6.3	6.3	6.3	6.0	6.5	7.0	6.0	6.3	7.0	4.3	5.3	5.5	7.3	7.0	4.7	5.0	7.0	7.3	6.3	5.0	5.3	6.0	5.3	6.0	6.1
PSII-TF-10	5.0	8.0	4.7	6.0	7.0	6.0	4.7	6.0	6.8	7.0	6.3	6.0	7.0	5.3	6.0	5.5	7.3	7.0	5.3	5.7	7.3	7.3	7.0	5.0	5.0	6.0	5.0	6.0	6.1
RENEGADE	6.3	7.7	4.3	7.7	6.3	5.7	4.3	6.3	5.8	7.3	5.7	7.0	7.0	4.7	6.3	5.3	7.0	6.7	5.0	5.0	7.7	7.3	7.0	5.3	5.3	6.3	4.7	6.0	6.1
SR 8210	6.0	8.0	4.0	6.5	6.7	5.7	5.3	6.3	6.2	7.3	6.0	7.0	6.7	4.0	6.7	5.5	7.0	6.7	5.0	5.3	7.7	8.0	7.0	5.0	5.0	6.0	4.7	6.0	6.1
WOLFPACK (PST-R5TK)	6.0	8.0	4.0	7.7	6.7	6.0	3.3	7.0	6.5	7.3	6.0	6.7	7.0	4.7	5.7	5.8	7.0	7.3	4.7	5.0	7.3	7.7	6.3	5.3	5.0	6.0	5.0	6.0	6.1
WVPB-1B	6.0	7.7	4.7	7.3	7.0	5.7	3.7	6.7	6.0	7.3	5.7	6.7	7.0	4.7	7.0	5.5	7.7	7.0	5.0	5.0	7.7	7.7	6.0	4.7	5.0	6.0	5.0	5.7	6.1
EQUINOX (TMI-N91)	5.3	8.0	5.0	7.0	6.3	6.0	4.7	6.3	6.3	7.0	6.3	6.7	7.0	4.3	6.0	5.5	7.0	7.0	5.0	4.7	7.7	7.7	6.3	5.0	5.7	6.0	4.7	6.0	6.1
BONSAI 2000 (BULLET)	5.7	8.0	4.3	6.7	6.7	6.3	3.0	6.0	6.7	7.3	6.0	7.3	7.0	4.7	5.3	5.8	6.3	6.7	5.0	5.3	7.7	7.3	7.3	5.0	5.7	5.7	5.0	6.0	6.1
ATF-020	6.0	8.0	4.7	6.3	6.3	5.7	2.7	5.3	7.0	7.3	6.0	7.3	7.0	4.7	6.7	5.5	7.0	6.7	4.3	5.3	7.7	7.3	6.7	5.3	5.0	6.3	5.3	6.0	6.1
WPEZE (WVPB-1C)	5.3	8.0	4.3	7.0	6.3	5.7	5.3	6.0	6.7	6.7	5.7	6.0	7.0	4.3	6.0	5.7	7.3	7.0	5.0	5.3	7.0	7.3	6.0	5.0	5.3	6.0	5.7	6.0	6.0
PC-AO	5.3	8.0	4.3	7.3	6.7	6.0	3.7	6.3	6.5	7.0	6.0	7.3	7.0	4.0	5.7	5.5	7.0	7.0	4.7	5.0	7.7	7.7	6.7	5.0	5.0	6.0	4.7	6.0	6.0
MUSTANG II	6.7	8.0	4.7	8.3	6.7	6.0	3.7	6.0	6.3	7.0	6.0	6.3	7.5	4.3	6.0	5.0	6.7	6.0	4.7	4.7	7.7	7.0	6.3	5.3	5.0	5.7	4.7	6.0	6.0
PSII-TF-9	5.3	8.0	4.7	8.0	6.7	6.0	2.3	6.0	6.7	7.0	5.7	6.3	7.0	4.3	6.7	5.7	7.0	7.0	4.3	5.0	7.3	7.3	6.7	5.0	5.3	6.0	4.7	6.0	6.0
KITTY HAWK S.S.T. (SS45DW)	6.3	8.0	4.7	7.3	6.3	6.0	3.7	6.0	6.7	7.0	5.3	6.7	7.0	4.0	6.0	5.2	7.0	7.0	4.3	5.0	7.0	7.3	6.0	5.7	5.0	5.7	5.7	6.0	6.0
PST-523	6.0	8.0	4.3	7.7	6.0	5.3	3.3	6.3	6.7	7.3	5.7	6.3	7.0	4.3	6.7	4.7	6.7	6.7	5.3	5.0	7.3	7.3	7.0	5.3	5.0	6.0	4.7	6.0	6.0
WVPB-1D	6.0	8.0	5.0	7.0	6.7	5.7	4.7	6.0	6.2	7.0	5.7	6.3	6.3	4.3	6.3	4.8	6.3	6.7	5.0	5.3	6.7	7.3	6.0	6.0	5.3	5.3	5.3	6.0	6.0
ATF-022	6.0	8.0	5.0	8.0	7.0	6.0	2.3	5.7	6.3	7.0	6.0	6.7	7.0	3.7	5.7	5.8	7.0	7.0	4.3	4.7	7.0	7.3	6.3	5.3	5.3	5.7	5.0	6.0	6.0
COMSTOCK (SSDE31)	5.0	7.7	4.0	7.0	6.7	6.7	5.0	6.3	6.8	7.0	5.7	6.7	6.7	4.3	5.7	5.3	6.3	7.0	4.3	4.3	7.3	7.3	6.0	6.3	5.0	6.0	4.7	6.0	6.0
RESERVE (ATF-182)	6.3	8.0	4.7	8.0	6.0	5.7	4.7	6.0	6.5	6.7	6.0	5.7	7.0	4.7	5.3	4.7	6.7	6.3	4.0	5.3	7.3	7.7	6.0	5.7	5.0	5.7	5.7	6.0	6.0
JSC-1	5.0	7.7	4.7	7.0	6.3	6.0	4.7	6.0	5.8	6.0	6.0	6.7	7.0	4.7	5.7	5.5	7.0	7.0	4.3	5.0	7.3	7.7	6.0	5.7	5.3	6.0	5.0	6.0	6.0
PRO 8430	5.3	8.0	4.3	8.0	7.0	5.7	2.7	6.3	6.5	7.0	5.3	6.3	7.3	4.3	6.7	5.5	6.7	7.3	4.0	5.0	7.0	7.7	6.7	5.0	5.0	6.0	4.3	6.0	6.0
LEPRECHAUN	5.7	8.0	4.3	7.7	6.7	6.3	4.3	6.0	6.7	7.0	6.0	6.7	6.3	4.0	5.7	5.3	6.0	7.3	4.3	4.7	6.7	7.3	6.7	5.0	5.0	6.7	4.3	6.0	6.0
SRX 8084	5.0	8.0	4.7	7.5	6.0	5.7	3.7	6.0	7.0	7.0	5.3	7.0	7.0	4.0	4.3	5.7	6.7	6.7	4.7	5.0	7.0	7.3	7.0	4.7	5.0	5.7	5.0	6.0	5.9
ATF-253	6.0	7.7	4.3	7.0	6.0	6.0	3.0	6.0	6.2	7.0	6.0	6.3	6.3	4.7	5.7	5.0	6.7	6.3	5.0	4.7	7.7	7.3	6.7	5.0	5.0	6.0	4.7	6.0	5.9
DP 50-9011	6.7	8.0	5.0	6.7	6.3	6.0	6.3	6.3	6.2	7.0	6.0	5.7	6.3	3.7	5.3	5.0	6.7	6.3	4.3	4.7	6.3	7.3	5.7	5.0	5.3	5.0	5.0	6.0	5.9
SAFARI	6.0	8.0	4.7	7.3	7.3	6.7	2.3	6.3	5.8	7.0	5.3	7.0	7.0	3.7	5.0	5.5	6.0	6.7	4.0	4.3	7.7	7.7	6.0	4.3	5.0	5.7	4.3	6.0	5.8
ATF-192	5.3	7.7	4.7	6.3	6.3	5.7	3.3	5.7	6.0	6.7	5.0	6.3	6.7	4.0	5.3	5.7	6.3	6.7	4.0	5.0	8.0	7.0	7.0	5.0	5.3	6.0	4.7	5.7	5.8
BONSAI	5.0	8.0	4.7	5.7	6.0	5.7	3.0	6.0	6.3	7.0	6.0	5.7	6.7	4.3	6.0	5.3	7.0	6.3	4.3	4.7	6.7	7.0	6.3	5.7	5.0	5.7	5.0	6.0	5.8
REGIMENT	5.7	8.0	4.3	5.7	6.3	5.3	3.7	6.7	6.3	7.0	5.0	6.0	6.7	3.7	5.7	4.5	6.0	6.3	4.3	5.3	7.3	7.3	6.3	5.0	5.3	5.7	4.7	6.0	5.7
ATF-257	5.7	8.0	4.7	6.3	6.7	5.3	2.7	6.0	6.3	7.0	6.0	5.7	6.7	4.0	5.3	5.0	6.7	6.3	3.7	4.3	7.3	7.0	6.0	5.0	5.0	6.3	5.0	6.0	5.7
SHENANDOAH	6.0	7.3	4.3	6.7	6.0	5.7	3.7	7.0	5.8	6.7	5.0	6.0	6.7	4.0	4.7	5.3	6.0	7.3	3.3	3.7	7.0	7.0	6.0	5.0	5.0	6.0	4.3	6.0	5.6
TITAN 2	5.7	8.0	3.7	7.7	6.7	5.0	2.7	6.3	6.3	6.3	5.3	6.0	6.0	3.7	4.3	4.7	6.0	6.0	3.7	3.7	6.0	7.7	6.0	3.7	5.0	5.0	4.0	5.3	5.4
DLF-1	5.0	7.7	4.3	6.0	6.0	5.7	4.0	6.0	5.7	7.0	5.0	5.7	6.0	3.3	5.0	5.3	6.0	6.3	3.0	3.3	6.3	7.3	5.0	4.7	5.3	5.3	4.0	5.3	5.3
AV-1	4.7	7.3	5.3	5.7	6.3	5.7	3.3	6.0	5.2	6.3	5.0	5.0	6.3	3.3	4.0	4.8	6.0	6.0	3.3	3.7	6.7	7.7	5.3	5.0	5.3	5.7	4.3	6.0	5.3
JTTFC-96	5.0	8.0	4.5	6.3	6.3	5.7	2.7	6.0	4.8	6.3	4.7	5.3	7.0	3.7	4.3	4.0	6.3	7.0	3.0	3.7	7.0	7.0	5.7	3.7	5.0	6.0	4.0	6.0	5.3
JTTFA-96	5.3	7.7	5.0	5.3	6.3	5.0	3.7	6.3	4.7	6.0	4.3	5.0	5.0	3.0	4.0	4.0	5.3	5.7	2.7	3.7	7.0	7.0	5.0	4.0	5.0	5.0	4.3	5.3	5.0
DP 7952	5.0	7.3	4.7	5.3	5.7	5.0	4.3	5.3	4.8	6.0	5.3	4.0	5.7	3.0	5.0	4.0	6.0	6.0	2.0	2.3	5.7	7.0	5.0	2.0	5.7	5.0	4.0	5.3	4.9
ARID	5.0	7.3	4.0	5.0	5.7	4.7	2.3	5.7	4.2	5.3	4.0	4.7	5.3	3.0	3.7	4.0	5.0	6.0	2.7	2.3	6.0	7.7	5.0	3.7	5.0	5.0	4.0	5.0	4.7
KENTUCKY-31 W/ENDO.	3.0	4.7	3.3	4.7	5.0	4.0	1.7	4.0	3.5	4.3	4.0	3.0	5.0	2.7	2.7	2.8	4.7	5.0	2.0	1.0	5.3	7.0	5.0	2.7	5.0	4.3	3.3	5.0	3.9
LSD VALUE	1.2	0.5	1.3	1.3	0.8	0.9	3.0	0.6	0.7	0.8	0.8	1.2	0.6	1.0	1.3	0.9	0.8	0.8	1.2	1.1	1.2	0.9	0.8	0.9	0.9	0.8	1.0	0.4	0.2
C.V. (%)	12.0	4.2	15.9	10.8	7.0	8.9	38.1	6.3	8.9	6.6	7.7	10.8	5.2	13.1	12.2	13.4	6.9	7.2	13.7	12.0	9.6	7.9	7.4	9.1	10.2	7.8	11.7	4.0	10.8

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

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 DATA

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

NAME	IA1	IL1	IN1	KY1	MI1	MO3	NJ1	NJ2	OH1	VA1	VA4	MEAN
MB 29	8.0	7.7	5.3	7.7	8.3	6.7	4.0	4.3	8.3	7.0	6.0	6.7
MILLENNIUM (TMI-RBR)	7.3	7.0	5.3	7.7	8.3	6.7	4.0	6.3	8.3	6.7	5.7	6.7
EC-101	7.7	7.0	5.0	8.0	8.7	7.0	4.7	5.7	8.3	6.0	5.3	6.7
DLF-1	6.7	8.3	5.0	6.0	8.7	7.0	7.3	7.0	7.3	4.7	4.7	6.6
OFI-96-32	7.3	7.3	4.3	7.3	8.7	8.0	5.0	5.3	8.0	6.0	5.3	6.6
TA-7	7.3	7.3	4.7	8.0	8.0	5.3	5.3	6.7	8.3	6.0	5.7	6.6
COYOTE	7.7	8.0	4.7	8.0	8.0	6.7	3.3	5.7	9.0	6.3	5.3	6.6
REBEL SENTRY (AA-A91)	7.3	7.7	5.0	7.7	9.0	6.0	3.7	6.0	8.3	6.0	5.7	6.6
FALCON II	7.3	7.0	5.0	7.0	8.3	7.3	5.0	6.7	7.7	6.0	5.0	6.6
ARID	6.0	8.3	5.3	5.0	8.7	7.0	8.3	7.3	7.0	4.3	4.7	6.5
BAR FA 6D	7.0	7.7	5.3	6.0	8.0	7.7	4.7	5.7	8.3	6.0	5.7	6.5
CORONADO	7.0	8.0	5.3	7.3	7.7	6.3	4.3	5.7	8.3	6.3	5.7	6.5
PIXIE E+	7.3	7.0	5.0	8.0	8.7	6.3	4.7	6.0	8.0	5.7	5.3	6.5
PLANTATION (PENNINGTON-1901)	7.3	7.3	5.0	6.7	8.3	6.7	4.3	6.0	8.3	6.7	5.3	6.5
SAFARI	6.0	7.7	5.3	7.0	9.0	6.3	5.7	7.7	7.3	5.3	4.7	6.5
APACHE II	7.3	7.7	5.0	7.7	8.3	7.3	3.3	5.3	8.0	5.7	6.0	6.5
MB 216	7.3	7.0	5.3	8.0	8.0	7.0	3.7	4.3	8.7	6.7	5.7	6.5
DUSTER	7.3	7.3	4.7	7.7	8.0	7.7	3.7	5.3	8.0	6.0	6.0	6.5
ISI-TF9	6.7	7.0	5.3	6.7	8.7	7.7	4.7	6.0	8.0	6.0	5.0	6.5
RENEGADE	7.0	7.0	5.3	8.0	9.0	6.0	5.0	5.7	8.0	5.3	5.3	6.5
SR 8210	7.0	7.0	6.0	7.3	8.3	6.7	4.3	5.7	8.3	5.7	5.3	6.5
PICK RT-95	7.0	7.0	5.3	7.3	8.3	7.3	3.3	5.3	8.0	6.3	6.0	6.5
CU9501T	7.0	7.3	5.3	7.3	8.7	6.0	4.7	6.3	8.0	5.3	5.3	6.5
GENESIS	6.7	6.7	5.3	8.0	9.0	7.0	4.0	5.7	7.7	6.0	5.3	6.5
JTTFA-96	6.0	8.3	5.7	5.3	9.0	6.7	7.7	6.3	7.3	4.7	4.3	6.5
MASTERPIECE (LTP-SD-TF)	7.3	7.0	5.7	7.3	8.3	5.7	4.0	5.3	8.7	6.3	5.7	6.5
PST-5E5	6.3	8.0	5.3	7.3	7.7	6.7	4.3	5.0	8.3	6.3	6.0	6.5
COMSTOCK (SSDE31)	6.3	6.7	5.0	8.0	8.7	7.3	5.3	5.0	8.3	5.7	4.7	6.5
PC-AO	7.0	8.3	5.0	7.0	8.3	7.3	4.3	6.0	8.0	5.0	4.7	6.5
ATF-257	6.7	7.7	5.3	5.3	9.0	8.0	5.0	5.3	8.0	5.7	5.0	6.5
MARKSMAN	7.3	7.7	4.7	7.7	7.7	7.0	5.0	6.0	7.3	5.3	5.3	6.5
PSII-TF-9	7.0	7.0	4.3	6.7	8.3	7.7	5.3	5.7	8.0	5.3	5.7	6.5
DP 7952	6.0	7.7	5.3	5.3	8.0	8.7	8.0	6.7	6.7	4.3	4.3	6.5
FINELAWN PETITE	6.7	7.3	5.0	7.7	8.0	7.0	4.0	6.0	8.0	6.0	5.0	6.4
OFI-FWY	7.0	8.0	4.7	6.7	8.0	7.7	4.0	5.3	8.3	5.7	5.3	6.4
REMBRANDT (LTP-4026 E+)	7.3	7.7	5.3	7.0	8.7	5.3	3.3	6.0	8.3	6.0	5.7	6.4
MB 211	7.0	7.0	5.3	7.0	8.3	6.7	3.3	4.7	8.3	7.0	6.0	6.4
MB 26	7.0	7.7	4.3	8.0	8.3	5.7	3.7	4.0	9.0	7.0	6.0	6.4
GAZELLE	7.3	8.0	4.3	7.0	7.7	6.7	3.0	5.7	8.7	6.0	6.3	6.4
CORONADO GOLD (PST-5RT)	7.0	7.7	5.0	6.7	8.3	6.7	4.0	5.3	8.3	5.7	5.7	6.4
J-101	7.0	7.0	4.7	8.3	8.3	6.0	3.7	4.3	8.0	7.0	6.0	6.4
MB 215	7.3	6.7	5.0	8.3	7.7	6.0	3.7	4.3	8.3	7.0	6.0	6.4
MB 28	6.7	6.7	5.0	8.3	8.0	6.3	4.0	4.0	8.3	7.0	6.0	6.4
ATF-022	7.3	7.3	4.0	7.0	8.0	6.7	5.3	6.7	8.0	5.0	5.0	6.4

TABLE 26.
(CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IL1	IN1	KY1	MI1	MO3	NJ1	NJ2	OH1	VA1	VA4	MEAN
EMPRESS	7.3	7.3	5.0	6.7	8.0	7.3	4.0	4.7	8.0	6.7	5.3	6.4
MB 210	7.0	7.0	4.7	7.3	8.0	7.0	4.0	6.0	8.0	6.0	5.3	6.4
PICK FA 6-91	7.0	7.0	4.0	7.0	8.3	6.0	3.3	4.3	9.0	8.0	6.3	6.4
SOUTHERN CHOICE	7.7	6.7	5.3	6.7	8.7	6.3	3.7	6.0	8.0	6.3	5.0	6.4
CU9502T	6.7	7.3	5.7	7.0	8.0	5.7	5.0	5.3	8.3	5.3	5.7	6.4
OFI-96-31	6.7	7.0	4.7	7.0	8.3	6.3	4.3	5.0	8.0	6.7	6.0	6.4
ARID 2 (J-3)	7.0	8.0	4.7	7.7	8.3	6.0	3.7	4.3	8.0	6.0	6.3	6.4
JAGUAR 3	7.3	7.7	5.0	7.0	8.3	6.0	4.0	5.3	7.7	6.3	5.3	6.4
PST-523	6.7	7.0	5.0	7.0	8.7	6.0	4.7	6.0	7.7	5.7	5.7	6.4
RESERVE (ATF-182)	6.7	7.3	5.3	7.0	8.0	6.7	5.0	5.3	8.0	6.0	4.7	6.4
ATF-038	7.0	7.3	5.3	7.0	8.0	6.0	4.7	5.3	8.0	6.0	5.3	6.4
ATF-196	7.3	7.3	4.3	7.3	8.0	7.7	4.3	5.0	7.7	5.7	5.3	6.4
BAR FA6 US6F	7.3	7.7	5.3	7.0	8.3	6.0	4.0	4.3	8.7	6.0	5.3	6.4
ARID 3 (J-98)	7.0	7.0	4.7	7.7	7.7	6.3	3.7	4.3	8.0	7.0	6.3	6.3
SRX 8084	7.0	7.0	4.7	7.0	9.0	5.7	4.7	5.3	8.0	6.0	5.3	6.3
WPEZE (WVPB-1C)	6.7	7.0	4.3	8.0	7.7	6.3	5.3	6.0	8.0	5.3	5.0	6.3
BONSAI 2000 (BULLET)	7.0	7.3	5.3	5.3	8.7	6.7	4.3	5.3	8.0	6.3	5.3	6.3
MB 214	7.0	7.0	4.3	7.7	7.7	5.7	3.3	5.0	9.0	6.7	6.3	6.3
WOLFPACK (PST-R5TK)	7.0	8.0	5.3	6.3	8.3	5.7	3.7	6.0	7.7	6.0	5.7	6.3
PICK FA B-93	6.3	7.3	5.0	7.7	7.7	5.3	4.3	6.3	8.0	5.7	5.7	6.3
PST-5M5	7.3	7.3	4.3	6.7	8.3	7.0	3.7	4.3	8.3	6.3	5.7	6.3
REBEL 2000 (AA-989)	7.0	7.7	5.0	7.0	7.7	6.3	3.7	4.3	8.3	6.3	6.0	6.3
ARABIA (J-5)	7.3	8.0	4.7	7.0	7.7	6.0	3.0	4.0	9.0	6.3	6.3	6.3
ATF-020	6.0	7.3	4.0	7.0	8.0	6.3	4.7	6.7	8.3	5.7	5.3	6.3
BRAVO (RG-93)	7.3	6.7	5.3	6.7	8.7	6.7	4.3	5.0	8.3	5.3	5.0	6.3
PICK GA-96	7.3	8.0	4.7	6.7	8.3	5.7	4.0	4.7	8.0	6.3	5.7	6.3
PSII-TF-10	6.7	7.0	4.3	7.3	8.0	7.3	4.3	5.0	8.0	6.0	5.3	6.3
PST-5TO	6.3	8.0	5.0	7.0	7.7	6.3	4.7	5.7	8.0	5.3	5.3	6.3
WVPB-1D	6.3	7.0	4.7	7.3	8.3	6.3	5.0	5.3	8.0	5.7	5.3	6.3
WRS2	7.0	7.0	5.0	7.0	8.3	6.3	3.3	5.3	8.3	5.7	5.7	6.3
BAR FA6 US3	7.3	7.7	4.7	6.7	7.7	5.3	3.0	5.0	8.3	7.0	6.3	6.3
EQUINOX (TMI-N91)	6.7	6.7	4.7	6.3	8.3	7.3	4.0	5.7	8.0	6.0	5.3	6.3
KENTUCKY-31 W/ENDO.	5.0	8.7	4.0	5.0	9.0	7.7	9.0	6.7	7.0	4.0	3.0	6.3
GOOD-EN (KOOS 94-14)	7.0	7.0	4.3	7.0	8.3	5.7	4.0	5.7	8.0	6.3	5.7	6.3
OFI-931	6.7	7.0	5.0	7.3	8.0	6.3	4.0	5.0	7.3	7.0	5.3	6.3
PICK FA 20-92	7.0	8.0	4.3	7.7	8.0	7.3	3.0	3.7	8.3	6.7	5.0	6.3
PICK FA XK-95	7.3	7.3	4.7	6.0	8.0	5.7	4.0	4.3	9.0	6.7	6.0	6.3
SHENANDOAH	6.3	6.3	6.0	7.3	8.7	6.0	5.7	6.7	7.0	4.3	4.7	6.3
ZPS-2PTF	6.7	7.3	5.3	7.7	7.7	6.3	3.3	4.7	8.0	6.3	5.7	6.3
ANTHEM II (TMI-FMN)	6.3	7.0	4.3	5.0	8.3	8.0	4.7	5.3	8.0	6.3	5.3	6.2
CROSSFIRE II	7.0	7.0	5.0	7.0	8.0	6.3	3.3	5.0	8.3	6.3	5.3	6.2
ISI-TF10	6.7	7.3	5.7	5.7	7.3	7.0	4.3	5.0	8.3	6.0	5.3	6.2
MUSTANG II	6.0	8.0	5.0	6.0	9.0	7.0	4.0	5.3	8.0	5.0	5.3	6.2
REGIMENT	6.0	8.0	5.7	6.0	8.7	7.0	5.3	5.7	6.7	5.0	4.7	6.2
WVPB-1B	6.3	7.0	5.7	6.7	8.0	6.0	4.7	6.0	7.7	5.3	5.3	6.2

TABLE 26.
(CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IL1	IN1	KY1	MI1	MO3	NJ1	NJ2	OH1	VA1	VA4	MEAN
ZPS-5LZ	7.3	7.0	4.0	7.3	8.0	7.0	3.3	4.0	8.3	6.3	6.0	6.2
KITTY HAWK S.S.T. (SS45DW)	7.3	7.0	5.0	6.0	8.3	6.7	4.7	4.7	8.0	5.3	5.7	6.2
TULSA	6.3	7.0	5.3	6.7	8.7	6.0	4.7	5.7	8.0	5.3	5.0	6.2
BAR FA6 US1	6.7	6.7	5.0	7.3	8.0	6.0	3.3	4.7	8.7	6.0	6.0	6.2
ISI-TF11	7.0	7.0	5.0	6.7	8.0	6.3	3.7	4.7	8.3	6.7	5.0	6.2
MB 212	6.0	7.7	5.7	7.3	8.0	5.3	3.3	4.7	8.0	6.3	6.0	6.2
ATF-188	6.7	7.0	5.0	6.3	8.3	6.7	4.0	5.0	8.0	5.7	5.7	6.2
LEPRECHAUN	6.3	7.7	4.3	6.7	7.7	6.7	4.7	5.3	8.0	5.3	5.7	6.2
TAR HEEL	6.7	7.7	4.3	6.0	8.3	7.7	3.7	4.7	8.0	5.7	5.7	6.2
TITAN 2	6.7	6.3	4.7	7.3	9.0	6.7	5.0	5.7	7.7	4.7	4.7	6.2
AA-983	6.7	7.3	4.7	7.3	8.0	6.3	3.3	4.0	8.3	6.3	5.7	6.2
BAR FA6D USA	6.7	7.7	4.3	6.3	8.3	6.0	3.3	4.3	8.3	7.0	5.7	6.2
BAR FA6 US2U	7.0	7.3	4.7	6.7	7.7	5.0	3.7	5.0	8.3	6.7	6.0	6.2
TWILIGHT II (TMI-TW)	7.0	7.0	4.7	5.7	8.0	6.7	3.7	4.0	8.0	7.3	6.0	6.2
ATF-253	6.0	7.7	4.7	6.7	7.7	6.7	4.3	4.3	8.0	6.3	5.3	6.2
JTFC-96	6.3	7.7	5.0	5.7	9.0	5.3	6.3	5.7	7.3	5.0	4.3	6.2
DP 50-9011	7.0	7.0	6.3	6.0	8.0	5.7	4.7	5.0	8.0	4.7	5.3	6.2
MB 213	7.7	6.3	4.3	8.3	8.0	4.7	3.7	4.0	8.3	6.7	5.7	6.2
OFI-951	6.7	7.7	4.3	6.3	7.7	7.0	3.0	4.3	8.3	6.0	6.0	6.1
PRO 8430	6.3	7.7	5.7	7.7	8.0	6.0	3.3	4.7	8.0	5.0	5.0	6.1
SUNPRO	7.0	7.7	5.0	7.0	7.7	5.3	3.7	4.7	8.3	5.7	5.3	6.1
AZTEC II (TMI-AZ)	6.7	7.0	4.7	5.7	8.0	6.0	4.3	5.7	8.0	5.3	5.7	6.1
BANDANA (PST-R5AE)	6.7	7.7	5.0	6.0	8.7	6.0	3.7	5.0	8.0	5.3	5.0	6.1
ALAMO E	6.7	6.7	4.3	6.7	8.7	6.7	3.3	4.0	8.0	6.0	5.7	6.1
BAR FA 6LV	6.7	7.7	4.7	6.0	8.0	6.3	3.7	4.0	8.3	6.0	5.3	6.1
BONSAI	6.0	8.0	4.3	7.3	7.7	6.3	4.0	4.7	7.7	6.0	4.7	6.1
TOMAHAWK-E	7.3	7.0	4.7	7.0	7.7	6.0	3.7	4.3	8.0	5.7	5.3	6.1
JSC-1	6.3	7.0	4.3	7.0	8.0	6.7	4.7	4.7	7.7	5.3	4.7	6.0
ATF-192	6.7	7.7	3.7	6.3	8.0	7.0	3.7	4.3	7.7	6.0	5.0	6.0
AV-1	6.0	6.7	4.7	5.7	8.0	8.7	5.3	5.0	7.3	4.7	4.0	6.0
LION	7.3	7.3	4.7	5.7	7.7	6.0	3.0	4.0	8.7	6.0	5.7	6.0
PICK FA 15-92	6.3	7.7	4.7	5.7	8.0	5.7	3.3	3.3	8.7	7.0	5.3	6.0
PICK FA N-93	6.7	7.7	4.0	6.7	7.7	5.3	3.0	3.3	7.7	6.7	6.7	5.9
R5AU	6.7	7.0	4.3	4.7	8.3	6.3	4.0	5.7	8.0	5.3	5.0	5.9
SRX 8500	7.0	6.7	4.7	6.0	8.0	5.7	3.0	4.0	8.0	7.0	5.3	5.9
COCHISE II	6.7	8.0	4.7	5.0	8.0	5.7	3.3	4.3	8.0	5.7	5.7	5.9
SHORTSTOP II	7.0	7.3	4.0	6.0	8.0	5.3	3.3	4.3	7.7	6.7	5.3	5.9
EA 41	6.3	6.7	4.3	5.0	7.7	6.3	3.3	3.7	7.7	7.3	6.0	5.8
PICK FA UT-93	7.3	7.3	3.7	4.3	7.3	5.7	3.0	3.0	8.7	7.3	6.0	5.8
WX3-275	6.7	7.0	4.3	6.0	7.7	6.3	3.0	3.3	8.0	6.0	5.3	5.8
LSD VALUE	1.0	1.0	1.0	1.0	0.9	2.1	1.2	1.1	0.8	1.0	0.8	0.3
C.V. (%)	8.8	8.3	12.1	9.4	6.9	20.5	17.6	12.9	6.2	10.8	9.2	11.2

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 27.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	AR1	CA1	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	MEAN
BAR FA 6D	7.3	7.3	5.0	6.7	6.7	5.7	7.0	6.0	6.8	8.0	6.0	6.0	6.3	5.5	4.7	4.7	6.7	6.7	3.0	8.0	4.7	7.0	6.2
BAR FA 6LV	7.7	7.7	5.0	7.3	6.7	6.0	7.0	6.0	7.2	8.3	6.0	5.3	5.7	5.5	4.0	4.7	7.7	5.3	2.3	7.7	5.0	7.3	6.2
GAZELLE	7.3	7.7	5.3	8.3	5.7	6.0	7.3	6.0	7.2	8.7	6.0	5.7	4.3	5.8	4.3	4.0	7.0	6.7	2.7	7.3	5.0	7.0	6.2
PICK RT-95	7.7	7.3	5.0	7.7	6.7	6.0	7.3	6.0	7.0	8.0	6.3	5.3	6.0	5.3	4.7	5.0	6.3	5.7	2.3	7.7	5.0	6.7	6.1
MB 26	8.3	7.3	5.7	7.0	6.3	5.3	8.0	6.0	6.8	8.3	6.0	5.7	4.0	5.5	4.0	5.0	5.3	6.7	3.0	7.3	6.0	6.7	6.1
EMPRESS	8.0	7.3	6.0	8.0	6.3	5.3	6.7	5.7	6.5	7.7	6.3	5.0	5.7	5.5	4.7	5.0	6.3	6.0	2.7	7.3	5.3	7.0	6.1
MASTERPIECE (LTP-SD-IF)	8.0	7.7	5.3	7.3	6.3	6.0	5.7	6.3	6.2	7.7	6.3	5.0	5.3	5.3	5.0	5.7	7.3	5.3	2.3	7.7	5.3	6.7	6.1
BAR FA6 US1	7.7	7.3	5.3	7.3	7.0	6.0	6.7	6.0	7.3	8.0	6.0	5.7	4.3	5.3	4.7	4.7	7.0	6.3	2.7	7.0	5.0	6.3	6.1
BAR FA6D USA	7.0	7.3	5.7	6.7	6.0	5.3	6.3	6.0	6.5	8.3	6.0	5.3	5.7	5.3	5.0	5.7	7.7	6.0	2.3	8.0	5.0	6.0	6.1
REMBRANDT (LTP-4026 E+)	7.3	7.3	4.7	7.7	6.7	6.3	6.3	6.7	7.2	8.3	6.0	5.0	4.7	6.0	4.7	5.0	6.0	5.3	2.3	7.7	4.7	7.3	6.1
AZTEC II (TMI-AZ)	7.3	7.3	5.7	5.7	6.0	5.7	6.7	6.0	6.7	8.0	6.0	5.3	5.7	5.5	5.7	5.7	6.0	5.7	2.7	7.7	4.7	7.0	6.0
PICK FA XK-95	8.0	7.3	6.0	5.7	6.7	5.0	6.0	5.7	6.3	7.7	6.0	5.3	6.7	4.8	5.0	5.3	6.3	6.3	2.3	7.7	5.3	7.0	6.0
BAR FA6 US3	7.7	7.3	5.3	6.7	6.3	5.7	6.3	6.0	6.8	8.7	6.0	5.7	5.0	5.2	4.7	4.7	6.3	5.7	2.3	7.7	5.3	7.0	6.0
PLANTATION (PENNINGTON-1901)	8.0	7.0	5.3	8.0	5.7	6.0	7.7	6.0	7.0	7.3	6.0	5.3	5.0	5.2	4.7	4.7	6.7	5.3	2.0	7.7	4.7	7.0	6.0
BONSAI 2000 (BULLET)	6.3	7.7	5.0	6.3	6.0	6.0	7.0	6.0	6.3	7.7	6.0	5.3	5.7	5.5	5.3	5.7	6.3	6.0	2.3	8.0	4.7	7.0	6.0
CU9502T	6.3	7.7	5.3	7.7	7.0	6.0	7.0	6.0	6.5	7.0	6.0	4.7	5.7	4.8	4.7	5.0	7.0	5.7	2.3	7.7	4.7	7.3	6.0
MB 212	6.7	7.7	5.0	7.0	6.3	6.0	6.0	6.0	6.5	8.0	6.0	5.0	5.7	5.7	5.7	5.3	5.7	5.7	2.3	7.7	5.0	7.0	6.0
MILLENNIUM (TMI-RBR)	7.7	7.7	5.3	6.7	6.3	6.0	6.0	6.0	6.8	7.7	5.7	5.0	5.7	5.2	5.0	5.3	6.7	6.0	2.7	7.3	4.7	6.3	6.0
PICK FA B-93	7.0	7.0	5.3	7.0	5.7	5.3	6.3	6.0	6.5	7.3	6.3	5.0	6.0	5.8	4.0	4.3	7.3	7.3	2.7	8.0	5.0	6.3	6.0
WRS2	7.0	7.7	5.0	7.3	5.7	5.3	6.3	6.0	6.3	7.7	6.0	5.3	6.3	5.7	5.3	6.3	5.7	5.0	2.3	7.3	5.0	6.7	6.0
ATF-196	6.7	7.3	6.3	7.3	7.0	5.0	7.0	5.3	6.5	6.3	6.0	5.3	6.0	5.5	5.0	5.0	7.3	5.3	2.0	7.3	4.7	6.7	6.0
PICK FA 15-92	7.3	7.3	5.3	7.7	6.7	5.7	7.7	5.7	6.5	7.7	6.0	5.0	4.0	5.5	4.3	5.3	6.7	5.0	2.7	7.0	4.7	7.0	5.9
ZPS-2PTF	7.3	7.7	5.3	6.7	6.0	5.7	6.0	5.7	6.5	7.7	6.0	5.7	4.7	5.2	4.7	4.7	7.3	5.7	3.0	7.3	5.0	7.0	5.9
COYOTE	6.7	7.3	5.0	7.0	6.7	5.7	6.7	6.0	6.7	7.7	6.0	5.0	5.0	5.7	5.0	4.7	6.0	5.7	2.7	7.3	5.0	6.7	5.9
ZPS-5LZ	8.7	7.0	5.0	7.0	6.3	5.7	6.7	5.7	6.5	8.7	6.0	5.7	3.7	5.5	5.0	5.0	5.3	5.3	2.3	7.7	5.3	6.0	5.9
SHORTSTOP II	7.0	7.7	5.3	6.3	6.7	6.0	6.7	5.7	6.8	7.7	6.0	4.7	5.7	5.8	4.0	5.0	5.7	5.7	2.7	7.3	4.7	6.7	5.9
SRX 8500	7.0	7.3	4.3	7.0	7.0	5.7	6.0	6.3	6.3	7.3	6.3	5.0	5.7	5.5	5.0	5.0	5.3	6.0	2.0	7.3	5.3	6.7	5.9
TULSA	6.0	7.0	4.7	6.3	6.0	5.7	6.3	5.7	6.5	6.7	6.7	5.0	6.3	5.2	5.7	5.7	6.7	5.7	2.7	7.3	4.7	7.0	5.9
BAR FA6 US2U	7.3	7.3	5.7	7.3	7.3	5.3	5.3	6.0	6.8	8.0	6.0	5.3	4.7	5.2	4.0	5.7	5.0	4.7	3.0	7.7	5.0	6.7	5.9
OFI-951	6.7	7.7	5.0	6.3	6.7	6.0	5.3	5.3	6.7	7.0	6.0	5.3	5.7	5.7	5.0	5.3	7.0	5.7	2.7	7.0	5.0	6.3	5.9
SR 8210	6.7	7.0	6.0	6.0	5.3	6.0	5.0	5.7	6.2	8.0	6.0	5.0	6.3	5.5	6.0	5.7	5.7	6.0	2.7	7.0	5.0	6.7	5.9
PST-523	7.7	7.0	5.7	7.0	6.0	5.3	5.0	6.0	6.0	7.0	6.0	5.0	5.7	5.5	6.0	5.7	5.7	5.3	2.7	7.0	5.0	7.0	5.9
ANTHEM II (TMI-FMN)	6.7	7.3	5.3	6.0	5.3	5.7	7.7	5.3	6.7	6.3	6.0	5.0	5.0	5.8	5.3	6.3	4.7	6.7	3.0	7.3	4.7	7.0	5.9
REGIMENT	6.7	7.3	4.3	6.7	5.3	5.3	6.3	6.0	6.7	7.3	6.0	5.0	5.7	4.8	6.0	6.3	6.3	5.7	2.3	7.0	5.0	7.0	5.9
SUNPRO	8.0	6.7	6.0	6.0	5.7	6.0	6.7	5.7	6.3	7.7	6.0	5.0	4.7	5.7	4.3	4.3	6.3	5.0	3.0	7.7	5.0	7.0	5.8
REBEL SENTRY (AA-A91)	5.7	7.7	5.7	6.7	6.3	6.0	5.3	6.0	6.5	7.7	6.3	5.0	5.3	5.5	4.7	5.3	6.3	6.3	2.0	7.3	4.7	6.3	5.8
PICK FA UT-93	6.7	6.7	5.3	6.0	7.3	5.0	5.7	5.7	6.8	7.0	6.0	6.3	4.3	5.5	4.3	5.3	6.7	6.0	3.0	7.3	5.0	6.7	5.8
BAR FA6 US6F	7.0	7.0	5.3	7.3	5.7	5.3	6.0	5.7	6.7	7.7	5.7	5.3	5.3	5.2	5.7	6.0	6.0	5.0	2.3	7.0	5.0	6.3	5.8
PICK FA 20-92	6.3	7.3	6.0	6.0	7.0	4.7	5.3	6.0	7.0	7.3	6.3	5.7	5.3	5.5	5.0	5.3	6.7	5.0	2.0	7.0	5.3	6.3	5.8
MUSTANG II	6.7	7.7	5.0	7.3	5.7	5.7	7.3	5.7	6.5	7.0	6.0	3.7	5.7	5.2	6.0	5.7	5.0	4.7	2.3	8.0	4.7	7.0	5.8
OFI-96-31	6.0	7.3	4.7	6.7	6.0	6.0	4.7	6.0	6.2	8.0	6.0	5.3	5.7	5.5	5.7	5.3	5.7	6.3	2.3	7.0	4.7	7.3	5.8
APACHE II	6.7	7.7	5.7	7.3	6.0	5.3	4.0	5.7	6.5	8.0	6.0	5.0	6.0	5.7	5.0	5.3	5.0	5.7	2.3	7.3	5.0	7.0	5.8
COCHISE II	7.3	7.0	5.0	6.3	6.0	5.7	6.3	5.7	6.2	7.3	5.7	4.7	6.0	5.7	5.3	6.0	5.0	5.7	2.3	7.3	5.0	6.7	5.8
PICK GA-96	7.7	7.3	4.0	7.0	6.3	6.0	6.7	6.0	6.5	8.0	6.0	5.0	4.7	5.3	4.3	4.7	6.3	5.0	2.3	7.7	5.0	6.3	5.8
OFI-FWY	8.0	7.3	5.0	6.0	6.3	5.0	5.3	6.0	6.3	7.0	6.0	4.3	6.3	6.0	4.0	5.0	6.0	6.3	2.7	7.3	5.0	6.7	5.8

TABLE 27. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AR1	CA1	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	MEAN
MB 210	5.7	7.3	6.0	6.3	6.3	5.3	5.3	5.3	6.5	7.0	6.0	4.3	6.3	5.8	5.7	5.7	5.3	6.3	2.3	7.0	5.3	6.7	5.8
BRAVO (RG-93)	6.7	7.0	5.7	7.0	5.3	5.3	4.0	5.7	6.3	7.3	6.3	5.0	6.3	5.5	6.7	6.0	5.0	5.3	2.7	7.0	5.0	6.7	5.8
OFI-931	7.3	7.3	4.7	6.7	5.7	5.7	6.3	6.0	6.3	7.7	6.0	5.3	5.3	5.8	4.3	5.0	5.0	6.0	2.3	7.0	5.3	6.7	5.8
JTTFA-96	6.3	7.7	4.7	6.0	5.7	5.0	4.7	5.7	4.7	8.7	6.0	3.7	8.0	5.0	6.3	6.7	4.7	5.7	2.7	8.0	5.0	7.0	5.8
R5AU	6.0	7.0	5.3	7.0	6.3	4.7	6.0	6.0	5.8	6.7	6.0	5.3	6.3	5.5	6.7	6.0	5.7	5.0	2.0	7.3	4.7	6.3	5.8
CROSSFIRE II	7.3	7.7	5.7	8.0	5.0	5.7	6.0	6.0	5.8	7.7	6.3	5.0	5.0	5.0	5.0	5.7	4.3	2.3	7.3	5.0	6.7	5.8	
JAGUAR 3	6.0	7.0	5.7	7.3	6.0	5.0	6.3	6.0	5.7	7.7	6.0	4.7	6.0	5.8	4.3	5.3	5.0	6.0	2.3	7.3	5.0	6.7	5.8
FALCON II	6.0	7.0	4.7	7.3	6.7	4.7	4.7	6.0	6.3	7.3	6.0	5.0	6.3	5.0	5.0	6.0	5.3	6.0	2.0	7.7	5.0	7.0	5.8
DP 50-9011	6.7	7.0	5.7	5.3	5.7	5.7	5.3	6.3	6.0	6.7	6.0	4.7	5.7	5.5	6.3	6.0	5.7	4.7	2.3	7.7	4.7	7.3	5.8
RESERVE (ATF-182)	6.7	6.7	5.3	6.7	5.7	5.3	6.3	5.7	6.3	7.0	6.0	4.0	6.0	5.2	5.7	5.3	4.7	6.7	2.7	7.7	4.7	6.7	5.8
SOUTHERN CHOICE	7.3	7.3	4.7	7.0	6.0	5.3	5.0	6.0	6.5	7.3	5.7	5.0	6.0	5.3	4.7	5.0	5.0	5.7	2.3	7.3	5.0	7.0	5.8
ARID 3 (J-98)	7.3	6.7	5.7	6.7	6.7	5.0	6.7	5.7	7.0	7.0	6.0	4.3	4.3	5.5	4.7	4.3	5.0	6.0	2.3	8.0	5.0	6.7	5.8
ATF-188	5.7	7.0	5.0	7.3	6.3	6.3	5.3	6.0	5.8	7.3	6.0	5.0	4.7	5.2	5.0	5.0	6.7	5.3	2.7	7.3	4.7	6.7	5.7
CORONADO	7.3	6.7	6.0	7.3	6.7	6.0	3.7	5.3	6.3	7.3	6.0	5.7	4.7	5.0	5.3	5.0	5.0	5.0	2.3	7.7	5.0	7.0	5.7
MB 213	6.0	7.0	6.0	6.0	6.0	5.3	4.7	5.3	6.5	7.7	5.7	5.3	6.7	5.5	5.0	6.0	5.7	5.0	2.0	7.0	5.0	7.0	5.7
EA 41	6.7	7.3	5.7	5.3	5.7	5.3	5.3	5.3	6.3	7.7	6.0	5.3	5.3	5.8	5.7	5.3	5.0	5.7	2.7	7.3	5.0	6.3	5.7
PST-5E5	5.7	7.0	4.7	7.7	6.0	5.3	4.0	6.0	6.0	7.7	6.0	5.0	7.0	5.2	6.7	5.7	4.7	5.7	1.7	7.0	5.0	6.3	5.7
OFI-96-32	6.3	6.7	6.0	6.7	6.0	5.7	4.7	5.7	6.3	7.3	5.7	5.0	7.7	5.5	5.7	6.3	3.0	4.7	2.3	7.0	4.7	7.0	5.7
MB 211	6.0	7.0	5.0	6.7	6.0	5.3	4.7	5.3	6.3	7.0	6.0	5.0	6.7	5.8	5.3	5.7	5.0	5.7	2.0	7.0	5.3	6.7	5.7
J-101	6.3	7.3	5.0	7.0	5.7	5.7	6.3	5.3	7.2	6.7	6.0	4.7	5.0	5.8	4.7	5.0	5.3	5.0	2.7	7.0	4.7	7.0	5.7
PST-5TO	6.0	7.7	5.7	7.0	6.0	5.0	4.0	6.0	5.8	6.3	6.3	4.7	6.0	5.2	6.0	6.3	6.0	5.3	1.7	7.0	5.0	6.3	5.7
MB 29	6.0	7.3	4.7	6.3	6.0	6.3	5.0	6.0	7.2	7.3	6.0	4.7	6.7	5.2	5.0	5.0	4.3	5.3	2.0	7.0	5.3	6.7	5.7
TA-7	6.0	7.0	5.3	6.3	6.3	5.0	4.7	6.0	6.2	7.7	6.3	4.7	6.7	5.7	4.7	6.0	4.7	5.3	3.0	7.0	4.7	6.0	5.7
TAR HEEL	7.0	7.0	5.0	7.3	6.3	5.3	4.3	6.0	5.7	7.0	6.0	5.0	6.0	5.5	5.7	6.3	4.3	4.7	2.0	7.0	5.0	6.7	5.7
ARABIA (J-5)	6.0	7.3	5.0	6.0	6.3	5.0	6.7	5.0	6.8	8.0	6.0	5.0	5.0	6.0	5.3	5.0	5.0	5.3	2.0	7.3	4.7	6.3	5.7
ATF-257	6.7	7.0	5.7	6.0	5.3	4.7	5.3	5.3	5.2	6.3	6.0	4.3	6.3	5.8	6.7	7.0	5.3	5.3	2.3	7.0	4.7	6.7	5.7
DUSTER	6.3	6.7	4.7	6.3	5.3	5.7	6.3	6.0	6.3	7.7	6.0	4.7	6.3	5.0	5.0	5.3	6.0	4.7	2.3	7.0	5.0	6.3	5.7
MB 214	6.0	7.3	6.0	6.3	6.0	6.3	5.7	5.7	6.5	7.3	6.0	5.0	4.0	5.8	4.7	4.7	4.7	5.3	2.3	7.0	5.3	7.0	5.7
LEPRECHAUN	5.3	6.7	5.7	7.3	6.0	4.3	3.3	5.3	6.0	7.7	5.7	4.3	6.7	5.5	5.7	5.3	6.3	5.7	2.7	7.0	5.3	7.0	5.7
PRO 8430	6.3	7.0	5.3	6.7	6.0	5.3	4.7	5.3	5.8	7.3	6.0	4.7	6.3	5.8	5.7	5.7	4.3	5.0	2.3	7.3	5.0	6.7	5.7
PICK FA N-93	6.3	6.7	6.0	6.0	6.7	5.7	5.0	6.0	7.2	7.7	6.0	5.3	5.3	5.7	4.7	4.7	4.7	4.3	2.0	7.3	5.7	5.7	5.7
TITAN 2	4.7	7.0	4.3	6.3	5.3	5.0	4.7	5.7	5.3	7.0	6.0	5.3	7.7	5.5	6.3	7.0	4.3	5.0	2.3	8.0	5.0	6.7	5.7
ISI-TF9	5.0	7.0	5.0	6.7	5.0	5.0	5.3	5.7	5.5	7.3	6.3	4.7	7.0	5.8	5.7	6.0	5.0	5.0	2.0	7.0	5.0	7.3	5.7
BANDANA (PST-R5AE)	5.7	7.3	4.3	6.7	6.3	4.7	4.3	5.0	6.0	7.0	5.7	5.0	5.3	5.7	6.3	6.7	5.3	5.3	2.3	7.3	5.0	7.0	5.7
CORONADO GOLD (PST-5RT)	6.0	6.7	5.3	7.0	6.0	5.0	4.7	5.7	6.0	7.3	6.0	5.0	6.7	5.2	6.0	5.3	4.7	5.0	2.3	6.7	5.3	6.3	5.6
WOLFPACK (PST-R5TK)	5.7	7.3	5.0	6.7	5.3	6.3	5.3	6.0	5.5	6.0	6.0	4.7	5.7	5.5	6.3	6.3	4.3	5.3	2.0	7.3	5.0	6.3	5.6
AA-983	6.0	6.7	6.0	7.3	6.7	5.3	5.0	5.7	6.0	6.7	6.0	5.0	5.7	5.2	5.0	5.0	5.7	4.7	2.3	7.0	4.7	6.3	5.6
SRX 8084	5.7	6.7	5.0	7.0	6.3	5.7	5.7	4.7	6.2	7.0	6.0	4.7	5.3	5.5	5.7	6.0	4.3	5.0	2.3	7.0	5.0	7.0	5.6
PC-AO	6.7	7.0	4.3	6.3	6.3	4.7	5.0	6.0	5.7	8.3	6.0	5.0	7.0	5.2	5.3	5.7	4.0	4.7	2.0	7.0	5.0	6.3	5.6
WX3-275	5.7	7.0	5.7	6.3	6.0	5.3	5.7	5.3	6.0	6.3	5.7	5.0	5.7	5.5	5.7	5.7	4.3	5.3	2.3	7.0	5.0	7.0	5.6
PICK FA 6-91	5.3	7.0	5.0	6.7	6.0	6.0	5.3	5.3	7.2	7.0	4.0	5.7	6.0	5.5	4.7	5.3	4.7	5.3	2.7	7.3	4.7	6.7	5.6
KITTY HAWK S.S.T. (SS45DW)	5.3	6.7	4.3	7.0	6.3	5.0	4.7	5.3	5.7	6.3	6.0	5.0	7.7	5.3	6.3	6.7	3.7	5.0	2.7	7.0	5.0	6.3	5.6
ATF-022	6.3	7.3	5.7	6.7	5.0	4.7	7.3	5.3	5.8	7.0	6.0	4.3	6.0	5.7	4.7	4.0	4.7	5.7	2.7	7.0	4.7	6.7	5.6
ATF-038	7.0	7.7	5.0	6.0	5.7	5.3	6.7	6.0	6.0	7.0	5.7	4.7	6.3	5.5	4.0	4.7	5.0	4.3	2.3	7.0	4.7	6.7	5.6
PIXIE E+	6.3	7.0	5.0	6.7	7.0	5.3	5.0	5.3	5.8	7.3	5.7	4.7	6.3	5.0	5.3	5.0	4.3	5.3	2.3	7.0	4.7	6.7	5.6
ISI-TF10	6.0	6.3	5.7	6.0	5.3	5.0	4.7	5.3	6.7	7.3	6.0	5.0	6.3	5.7	5.3	5.7	4.7	4.7	2.0	7.3	5.0	7.0	5.6

TABLE 27. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AR1	CA1	DE1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MI1	MO1	MO3	MS1	NE1	NE2	NJ1	NJ2	OH1	OK1	SC2	VA1	MEAN
MB 28	5.7	6.7	6.0	5.7	6.0	5.3	4.3	5.7	6.3	7.0	6.0	4.3	6.7	4.8	5.7	5.3	5.7	5.3	2.0	7.0	5.3	6.0	5.6
REBEL 2000 (AA-989)	6.7	7.3	5.0	6.7	5.3	5.0	4.7	5.3	6.2	6.3	6.0	4.7	5.7	5.8	5.0	5.3	5.7	5.0	2.7	7.0	4.7	6.7	5.6
SAFARI	6.0	7.0	4.3	6.7	5.7	5.0	5.7	5.3	5.5	6.3	6.0	4.7	5.3	5.5	6.0	6.0	4.7	5.3	2.7	7.3	5.0	6.7	5.6
BONSAI	5.7	7.3	5.3	4.0	6.0	5.3	6.3	5.3	5.8	7.7	6.3	4.7	7.0	5.2	5.3	5.7	4.7	4.3	2.0	7.0	5.0	6.3	5.6
ATF-192	5.7	7.3	4.7	6.3	5.3	5.3	5.0	5.0	6.0	6.3	5.7	5.0	6.3	5.5	7.0	5.7	4.3	5.7	1.7	7.0	4.7	6.7	5.6
GENESIS	6.3	6.7	4.7	6.3	6.0	5.0	4.0	5.7	6.2	7.3	6.0	5.0	7.0	5.2	5.3	4.7	5.0	4.7	2.3	7.3	5.0	6.3	5.5
TWILIGHT II (TMI-TW)	5.3	7.3	5.0	5.7	5.0	4.3	5.7	5.0	6.3	6.7	6.0	4.3	6.7	5.7	6.3	6.7	4.7	4.7	2.0	7.0	4.7	6.7	5.5
EC-101	5.3	6.7	5.7	6.7	6.0	5.0	3.7	5.3	6.0	7.3	6.0	5.0	6.3	5.3	5.7	5.7	4.3	4.7	2.3	7.0	5.0	6.7	5.5
MARKSMAN	7.3	7.0	4.3	6.0	5.3	5.0	4.3	5.3	6.2	7.0	6.0	4.0	6.3	5.7	5.0	5.7	4.3	5.7	2.0	7.0	5.0	7.0	5.5
GOOD-EN (KOOS 94-14)	5.3	6.3	6.5	5.7	5.7	5.3	4.0	5.0	5.7	7.3	6.0	4.7	7.0	5.3	6.0	5.7	4.3	4.7	2.0	7.0	5.0	7.0	5.5
PST-5M5	6.0	7.0	5.0	7.0	5.7	5.0	4.7	5.7	5.8	7.0	6.0	3.7	6.3	5.3	4.7	5.3	5.0	5.7	2.0	7.3	5.0	6.3	5.5
SHENANDOAH	7.0	7.7	5.3	5.0	5.3	5.3	4.7	6.0	5.5	7.0	6.3	5.0	5.7	4.8	5.7	5.7	3.7	4.7	2.0	7.3	5.0	6.7	5.5
WPEZE (WVPB-1C)	5.3	7.7	5.3	6.0	5.7	5.0	3.7	4.7	5.7	7.0	6.0	4.3	7.0	5.5	6.3	5.3	5.0	5.0	2.0	7.0	5.0	6.7	5.5
WVPB-1B	6.0	6.3	5.0	5.0	6.0	5.0	4.7	5.7	5.7	7.0	6.0	5.0	6.3	5.0	5.3	6.0	5.0	5.0	2.3	7.0	4.7	7.0	5.5
COMSTOCK (SSDE31)	5.7	7.0	5.5	6.3	6.0	4.7	4.3	5.0	5.2	7.0	6.3	5.0	6.7	5.2	5.7	6.0	5.0	3.7	2.0	7.0	5.0	6.7	5.5
RENEGADE	6.0	7.0	4.7	6.3	6.0	4.3	4.7	5.7	5.7	6.7	6.0	5.3	6.3	5.5	5.0	6.3	3.7	4.3	2.0	7.3	5.0	7.0	5.5
TOMAHAWK-E	6.0	6.7	5.0	5.3	6.7	5.7	5.7	6.0	6.0	7.7	6.0	4.7	5.3	4.8	5.0	5.0	5.0	4.0	2.0	7.0	5.0	6.3	5.5
ARID 2 (J-3)	5.7	6.7	5.3	6.0	5.7	4.3	5.3	5.3	6.3	6.3	6.0	5.3	5.7	5.7	5.3	5.7	4.0	5.0	2.7	7.0	4.7	6.7	5.5
ALAMO E	6.3	7.0	5.3	5.7	5.7	5.0	4.7	5.7	6.3	6.3	5.7	4.7	5.7	5.3	5.0	5.3	5.0	5.3	2.3	7.3	4.7	6.3	5.5
EQUINOX (TMI-N91)	5.7	7.0	4.0	6.0	6.0	5.3	5.3	5.0	6.0	6.7	6.0	4.0	5.3	4.8	6.0	6.3	5.7	5.0	2.7	7.0	4.7	6.0	5.5
FINELAWN PETITE	5.7	7.3	4.7	6.0	5.3	5.3	4.3	5.3	5.7	6.0	6.3	5.0	6.7	5.3	6.0	5.0	4.7	5.0	2.0	7.0	5.0	6.7	5.5
CU9501T	6.7	7.0	4.7	7.0	5.3	5.0	5.3	6.0	6.0	6.7	5.7	4.7	5.0	5.2	4.7	4.7	5.7	5.0	2.0	7.0	4.7	6.3	5.5
ISI-TF11	5.0	7.0	5.0	6.3	5.3	5.0	3.7	5.0	5.7	7.7	6.3	4.3	6.3	5.2	6.7	6.0	4.3	4.7	2.0	7.0	5.0	6.7	5.5
ATF-020	5.3	7.3	5.0	6.0	6.3	5.0	6.0	5.3	6.2	7.0	5.7	4.3	6.3	5.5	4.7	4.7	3.3	6.0	2.0	7.0	4.7	6.3	5.5
WVPB-1D	5.7	6.7	4.7	6.7	5.7	4.3	3.7	5.3	5.2	7.0	6.0	4.7	6.3	5.0	5.7	5.0	5.7	5.0	3.0	7.0	5.0	6.3	5.4
MB 215	5.0	6.7	4.7	6.0	5.3	5.3	5.0	5.7	6.3	7.0	6.0	5.0	4.7	5.3	5.3	5.0	5.0	2.0	7.0	4.7	7.0	5.4	
ARID	5.0	7.7	5.5	5.3	5.3	4.3	4.3	5.0	4.3	5.7	6.0	4.7	7.7	5.0	7.3	7.0	2.0	5.3	2.3	7.0	4.7	6.7	5.4
MB 216	5.7	6.7	5.0	7.0	5.7	5.3	3.7	5.0	5.8	7.0	6.0	4.0	6.3	5.0	5.3	5.7	3.7	4.3	2.7	7.0	5.0	6.3	5.4
PSII-TF-10	5.3	6.0	5.3	5.7	5.7	5.7	3.3	4.7	5.7	7.0	6.3	4.0	6.0	5.3	6.0	6.0	3.7	5.7	2.0	7.0	5.0	6.3	5.3
LION	4.7	7.3	5.5	4.3	6.0	5.0	4.0	4.3	5.5	6.3	6.0	4.3	6.3	5.5	5.7	7.0	4.7	5.0	2.0	7.0	5.0	6.0	5.3
ATF-253	6.0	6.7	5.7	6.0	5.3	4.7	5.3	5.3	5.5	6.0	6.0	4.0	5.3	5.0	6.0	5.7	4.3	5.0	2.0	6.7	4.7	6.3	5.3
DLF-1	5.0	6.3	6.0	5.7	5.7	4.7	3.7	4.7	5.3	5.3	6.0	4.7	6.7	5.7	6.0	6.7	3.0	4.0	2.3	7.0	4.7	7.3	5.3
PSII-TF-9	5.7	6.5	3.7	6.0	5.3	5.0	3.7	5.3	5.3	7.0	5.7	4.3	6.7	5.7	6.0	5.3	3.3	4.7	2.3	6.7	5.3	6.7	5.3
JSC-1	4.3	7.3	5.7	6.3	5.3	4.3	3.0	5.0	5.5	7.0	6.0	4.0	6.3	5.5	6.0	5.7	3.0	4.3	2.7	7.0	5.0	6.7	5.3
JTTF-96	5.3	7.0	4.0	5.3	5.7	4.0	3.7	4.7	5.2	7.3	6.0	3.7	6.7	5.5	7.0	6.0	3.0	3.7	2.0	7.0	5.0	6.7	5.2
AV-1	4.0	7.0	5.0	5.7	5.3	4.3	3.7	4.7	5.0	5.0	6.3	4.3	7.3	5.2	6.3	6.0	2.0	4.7	2.3	7.0	5.0	6.3	5.1
DP 7952	5.0	6.7	5.0	4.7	5.7	3.7	3.7	5.0	4.8	5.0	6.0	4.0	8.3	5.3	6.7	6.7	2.3	3.3	2.3	7.0	4.7	6.7	5.1
KENTUCKY-31 W/ENDO.	3.0	4.3	4.0	3.7	4.7	3.0	1.3	3.3	3.7	4.0	6.0	2.3	8.7	5.0	9.0	9.0	1.0	1.0	1.7	6.0	4.3	5.3	4.3
LSD VALUE	1.3	0.9	1.2	1.1	1.2	1.1	1.9	0.9	1.8	0.9	0.7	0.9	1.7	1.0	1.3	1.2	2.1	1.4	0.7	0.6	0.7	0.8	0.3
C.V. (%)	13.0	8.1	14.2	10.4	12.0	12.4	22.4	9.7	25.7	8.0	7.6	11.7	17.5	15.5	14.8	13.2	24.9	16.8	19.8	5.3	8.6	7.7	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.

TABLE 28.

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997 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	5.3	8.7	6.7	9.0	6.3	6.3	6.3	7.0	5.7	6.0	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
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
OPI-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
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
OPI-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
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
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
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

TABLE 28.
(CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS
1997 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
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
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
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
OFI-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
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
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
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
GOOD-EN (KOCS 94-14)	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
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
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	4.3	5.3	5.0	4.7	5.3	5.5
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
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
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
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
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
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
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
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
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
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

TABLE 28.
(CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR																						
	AR1	CA1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	ME1	MI1	MO3	MS1	NJ1	NJ2	NY1	OH1	RI1	UT1	VA1	VA9	WA1	MEAN
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
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
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
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
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	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
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
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
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 2 (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
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
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
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 DATA

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

NAME	MO3	NE1	NE2	VA9	MEAN	NAME	MO3	NE1	NE2	VA9	MEAN
MB 214	7.3	6.3	6.3	6.7	6.7	SHENANDOAH	4.7	5.3	5.7	7.3	5.8
PLANTATION (PENNINGTON-1901)	6.7	6.0	6.3	7.0	6.5	TA-7	5.7	6.0	5.3	6.0	5.8
MILLENNIUM (TMI-RBR)	8.0	6.0	5.7	6.0	6.4	ZPS-2PTF	6.0	5.3	5.0	6.7	5.8
MB 215	7.0	6.0	5.7	6.7	6.3	EMPRESS	6.0	5.7	4.7	6.3	5.7
REBEL SENTRY (AA-A91)	6.7	6.3	5.7	6.3	6.3	ISI-TF10	6.7	4.0	4.7	7.3	5.7
MB 26	7.3	6.3	5.3	5.7	6.2	J-101	5.3	6.3	5.3	5.7	5.7
ARID 3 (J-98)	7.3	6.0	5.3	6.0	6.2	OFI-96-31	5.0	6.7	5.0	6.0	5.7
MB 28	6.3	6.0	5.3	7.0	6.2	SOUTHERN CHOICE	5.7	5.7	5.3	6.0	5.7
OFI-951	8.0	5.3	4.3	7.0	6.2	SUNPRO	5.3	5.7	5.7	6.0	5.7
PIXIE E+	6.0	6.3	6.0	6.3	6.2	ARID 2 (J-3)	4.7	6.3	5.3	6.3	5.7
BAR FA6 US1	7.3	5.3	5.0	6.7	6.1	ATF-022	5.3	6.0	5.3	6.0	5.7
REMBRANDT (LTP-4026 E+)	7.0	6.0	5.0	6.3	6.1	COYOTE	6.0	5.3	5.3	6.0	5.7
SRX 8500	7.0	4.7	5.7	6.7	6.0	CU9502T	5.0	5.3	5.0	7.3	5.7
BAR FA 6D	5.7	6.0	5.3	7.0	6.0	OFI-931	6.3	5.0	5.0	6.3	5.7
ZPS-5LZ	6.3	5.7	5.3	6.7	6.0	ATF-188	6.0	5.0	4.7	6.7	5.6
ALAMO E	5.3	6.0	5.3	7.3	6.0	MB 213	6.0	5.7	4.0	6.7	5.6
ATF-020	6.7	5.7	4.7	6.7	5.9	TULSA	5.7	5.3	4.7	6.7	5.6
ATF-038	6.7	6.7	5.3	5.0	5.9	AA-983	5.7	6.3	5.0	5.3	5.6
ATF-196	7.0	6.3	4.7	5.7	5.9	GENESIS	5.0	4.7	5.3	7.3	5.6
CORONADO	7.7	5.3	5.0	5.7	5.9	PICK FA 20-92	6.0	5.7	5.3	5.3	5.6
GAZELLE	7.7	6.0	5.3	4.7	5.9	PSII-TF-9	5.7	4.0	5.7	6.7	5.5
GOOD-EN (KOOS 94-14)	5.3	6.0	5.7	6.7	5.9	BAR FA6 US6F	6.0	4.3	4.7	7.0	5.5
MB 216	5.3	5.7	5.7	7.0	5.9	CROSSFIRE II	6.0	5.3	4.7	6.0	5.5
MB 29	6.0	6.3	5.7	5.7	5.9	JSC-1	5.3	5.7	5.0	6.0	5.5
BAR FA 6LV	6.0	6.0	5.3	6.3	5.9	MB 212	6.0	4.3	4.7	7.0	5.5
FALCON II	5.3	6.0	5.0	7.3	5.9	PICK FA N-93	7.7	4.3	4.7	5.3	5.5
JAGUAR 3	5.0	6.0	5.3	7.3	5.9	WVPB-1D	4.7	5.3	5.3	6.7	5.5
MB 211	6.3	5.3	5.0	7.0	5.9	EC-101	4.0	5.7	5.7	6.3	5.4
PICK FA B-93	6.3	5.7	5.3	6.3	5.9	BAR FA6D USA	6.3	5.0	4.3	6.0	5.4
PICK RT-95	5.3	5.3	5.7	7.3	5.9	PSII-TF-10	6.0	5.3	5.0	5.3	5.4
PST-5M5	6.0	5.3	5.3	7.0	5.9	PST-5E5	6.0	4.3	5.0	6.3	5.4
TOMAHAWK-E	7.0	5.3	5.0	6.3	5.9	SHORTSTOP II	6.0	6.0	3.7	6.0	5.4
APACHE II	6.0	5.7	4.7	7.0	5.8	TITAN 2	5.3	5.3	3.7	7.3	5.4
BAR FA6 US2U	7.0	5.7	5.0	5.7	5.8	WPEZE (WVPB-1C)	5.3	4.0	6.0	6.3	5.4
CU9501T	4.7	7.0	5.0	6.7	5.8	FINELAWN PETITE	4.7	4.7	5.3	6.7	5.3
DUSTER	5.7	6.0	4.7	7.0	5.8	ISI-TF11	4.7	5.0	4.7	7.0	5.3
PICK GA-96	5.7	6.3	5.3	6.0	5.8	BAR FA6 US3	5.7	5.3	5.0	5.3	5.3
WRS2	6.7	5.7	4.7	6.3	5.8	CORONADO GOLD (PST-5RT)	6.0	3.7	4.7	7.0	5.3
LEPRECHAUN	6.3	5.3	4.7	6.7	5.8	MUSTANG II	5.0	5.3	4.0	7.0	5.3
MARKSMAN	5.3	6.0	5.0	6.7	5.8	PST-523	5.0	4.3	5.0	7.0	5.3
OFI-FWY	5.7	5.0	5.3	7.0	5.8	RENEGADE	4.3	5.0	5.0	7.0	5.3
PC-AO	5.7	5.3	5.0	7.0	5.8	SAFARI	5.3	4.3	4.0	7.7	5.3
PICK FA 15-92	6.7	5.7	4.7	6.0	5.8	ARID	5.3	4.7	3.7	7.3	5.3
PICK FA 6-91	5.3	6.3	5.3	6.0	5.8	ATF-253	6.3	4.3	3.7	6.7	5.3
PRO 8430	5.7	4.7	5.3	7.3	5.8	BRAVO (RG-93)	5.7	4.0	4.3	7.0	5.3

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

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY					
NAME	MO3	NE1	NE2	VA9	MEAN
COCHISE II	6.3	4.7	3.7	6.3	5.3
MB 210	5.3	4.7	4.0	7.0	5.3
SR 8210	5.3	4.7	4.3	6.7	5.3
TAR HEEL	6.7	3.3	4.0	7.0	5.3
WOLFPACK (PST-R5TK)	5.7	5.0	3.7	6.7	5.3
WX3-275	5.7	4.7	4.0	6.7	5.3
BONSAI 2000 (BULLET)	5.3	4.7	4.0	6.7	5.2
DLF-1	4.7	5.3	4.7	6.0	5.2
MASTERPIECE (LTP-SD-TF)	5.7	5.0	3.7	6.3	5.2
REBEL 2000 (AA-989)	4.7	5.3	4.7	6.0	5.2
SRX 8084	4.7	4.3	5.0	6.7	5.2
ARABIA (J-5)	5.3	5.0	4.3	6.0	5.2
AZTEC II (TMI-AZ)	5.7	4.3	3.7	7.0	5.2
COMSTOCK (SSDE31)	5.3	5.3	4.0	6.0	5.2
REGIMENT	4.7	4.0	4.0	7.7	5.1
ATF-192	6.3	2.3	3.7	8.0	5.1
EQUINOX (TMI-N91)	6.0	3.7	3.7	7.0	5.1
ISI-TF9	4.0	5.0	4.3	7.0	5.1
OFI-96-32	3.3	5.3	5.0	6.7	5.1
PICK FA UT-93	7.0	4.7	3.3	5.0	5.0
WVPB-1B	4.3	5.0	4.7	6.0	5.0
PICK FA XK-95	5.0	4.0	4.7	6.0	4.9
RESERVE (ATF-182)	4.3	4.7	4.7	6.0	4.9
R5AU	6.7	2.3	3.7	7.0	4.9
ANTHEM II (TMI-FMN)	5.0	4.0	3.7	6.7	4.8
ATF-257	5.3	3.7	3.7	6.7	4.8
BONSAI	5.0	4.7	4.3	5.3	4.8
KITTY HAWK S.S.T. (SS45DW)	5.3	3.7	3.7	6.7	4.8
AV-1	3.3	4.0	5.3	6.0	4.7
DP 7952	4.7	3.7	3.3	7.0	4.7
JTTFC-96	4.3	3.3	3.7	7.3	4.7
TWILIGHT II (TMI-TW)	4.7	3.7	4.0	6.0	4.6
EA 41	5.3	3.0	3.7	6.3	4.6
PST-5TO	5.3	4.0	2.7	6.3	4.6
LION	4.7	4.7	3.0	5.7	4.5
JTTFA-96	5.0	2.7	2.7	7.3	4.4
BANDANA (PST-R5AE)	5.3	2.7	2.7	6.7	4.3
KENTUCKY-31 W/ENDO.	3.7	2.0	3.3	7.7	4.2
DP 50-9011	4.7	3.3	2.0	6.3	4.1
LSD VALUE	1.3	1.7	1.5	1.5	0.7
C.V. (%)	13.7	20.7	19.7	13.9	16.7

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 30. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	AR1	MO3	NE1	NE2	OK1	VA9	MEAN
PLANTATION (PENNINGTON-1901)	7.7	6.7	9.0	9.0	8.3	8.7	8.2
ZPS-2PTF	8.3	6.7	7.7	9.0	7.3	8.3	7.9
MILLENNIUM (TMI-RBR)	6.3	7.0	8.0	8.7	8.0	9.0	7.8
OFI-931	7.0	5.7	8.3	9.0	8.3	8.7	7.8
REMBRANDT (LTP-4026 E+)	7.7	6.0	8.3	8.7	8.3	8.0	7.8
ATF-038	7.3	5.7	9.0	8.3	8.3	8.0	7.8
CROSSFIRE II	7.0	6.3	8.7	8.0	8.3	8.3	7.8
PICK FA B-93	7.0	6.3	8.7	8.7	8.3	7.7	7.8
PST-5M5	7.7	5.7	7.7	8.3	9.0	8.0	7.7
EMERESS	6.7	6.3	8.3	8.3	8.0	8.3	7.7
GENESIS	7.7	5.3	8.0	8.3	8.3	8.3	7.7
MB 211	7.0	5.7	8.3	8.3	8.3	8.3	7.7
SHENANDOAH	7.3	4.7	8.3	8.7	8.3	8.7	7.7
SUNPRO	7.7	5.3	8.7	8.3	7.7	8.3	7.7
PST-523	7.3	5.0	8.0	8.0	9.0	8.7	7.7
ZPS-5LZ	6.3	6.3	8.3	8.7	7.7	8.7	7.7
PST-5E5	7.7	5.3	7.7	9.0	8.0	8.0	7.6
CU9501T	6.3	6.0	8.7	8.3	7.7	8.7	7.6
OFI-951	5.0	7.3	8.0	8.0	8.7	8.7	7.6
PICK RT-95	7.7	5.7	7.3	8.3	8.0	8.7	7.6
SOUTHERN CHOICE	7.0	5.0	8.7	9.0	8.0	8.0	7.6
BAR FA6 US3	6.0	5.7	8.7	8.3	8.3	8.3	7.6
APACHE II	6.3	5.3	8.3	8.3	8.3	8.7	7.6
MASTERPIECE (LTP-SD-TF)	7.3	5.7	7.3	8.0	8.7	8.3	7.6
MUSTANG II	6.3	5.0	8.7	8.3	8.0	9.0	7.6
SRX 8500	6.7	5.3	8.0	8.3	8.0	9.0	7.6
TA-7	6.3	5.3	8.7	8.3	8.3	8.3	7.6
BAR FA 6LV	6.7	5.3	8.7	8.7	7.3	8.7	7.6
DUSTER	6.7	5.7	8.0	8.7	7.7	8.7	7.6
EA 41	7.0	5.3	8.0	8.0	8.0	9.0	7.6
FALCON II	7.0	4.3	8.3	8.7	8.3	8.7	7.6
GAZELLE	6.3	7.3	8.0	8.7	8.0	7.0	7.6
MB 29	6.0	5.3	8.3	9.0	8.0	8.7	7.6
JAGUAR 3	7.0	5.7	7.3	8.3	8.3	8.3	7.5
TITAN 2	6.7	4.3	8.3	8.3	8.3	9.0	7.5
CU9502T	6.7	5.3	8.3	8.0	8.0	8.7	7.5
MB 214	5.7	6.0	7.7	8.7	8.0	9.0	7.5
OFI-96-32	7.0	3.7	9.0	8.7	8.3	8.3	7.5
RENEGADE	7.0	4.0	8.7	8.3	8.7	8.3	7.5
ATF-020	6.0	5.3	8.3	8.7	8.0	8.7	7.5
BAR FA6 US1	6.3	6.0	8.7	8.0	7.3	8.3	7.4
BAR FA6 US2U	6.3	5.7	8.7	8.3	7.3	8.3	7.4
BAR FA6 US6F	7.3	4.7	7.7	8.7	8.0	8.3	7.4
ISI-TF11	6.7	4.7	8.0	8.0	8.3	9.0	7.4
LEPRECHAUN	5.7	5.3	8.0	9.0	8.3	8.3	7.4

TABLE 30. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	AR1	MO3	NE1	NE2	OK1	VA9	MEAN
OFI-96-31	6.0	5.3	8.7	8.3	8.3	8.0	7.4
REBEL 2000 (AA-989)	7.7	4.7	8.3	8.3	7.3	8.3	7.4
WRS2	5.3	6.0	8.0	8.7	8.3	8.3	7.4
CORONADO	5.7	6.0	7.3	8.7	8.3	8.7	7.4
MARKSMAN	6.7	5.0	8.3	8.7	7.3	8.7	7.4
OFI-FWY	6.3	5.3	8.0	8.0	9.0	8.0	7.4
SAFARI	6.3	5.0	7.3	8.7	9.0	8.3	7.4
WOLFPACK (PST-R5TK)	7.3	5.3	7.7	8.3	8.0	8.0	7.4
PC-AO	5.3	5.0	8.3	8.7	8.7	8.7	7.4
MB 26	5.0	5.7	8.7	8.3	8.0	8.7	7.4
TAR HEEL	7.0	6.0	6.7	8.0	8.0	8.7	7.4
ARID 3 (J-98)	5.3	6.3	8.7	8.7	7.7	7.7	7.4
MB 216	7.0	5.3	8.3	9.0	7.0	7.7	7.4
PIXIE E+	6.0	5.0	8.3	8.7	7.7	8.7	7.4
REGIMENT	6.3	5.0	8.0	8.0	8.3	8.7	7.4
WVFB-1D	6.3	5.0	7.7	8.7	8.7	8.0	7.4
ATF-196	6.0	5.3	8.0	8.3	8.0	8.3	7.3
EC-101	6.3	4.3	8.3	8.3	8.0	8.7	7.3
ISI-TF10	6.7	5.0	8.0	8.3	7.7	8.3	7.3
KITTY HAWK S.S.T. (SS45DW)	6.3	5.0	8.0	8.3	7.3	9.0	7.3
MB 215	6.3	6.3	8.0	8.7	7.3	7.3	7.3
PSII-TF-9	5.7	6.0	7.3	8.3	8.0	8.7	7.3
PST-5TO	6.7	5.7	7.0	8.0	8.0	8.7	7.3
SRX 8084	6.0	4.7	7.7	8.7	8.0	9.0	7.3
WX3-275	5.7	5.0	8.3	8.7	8.0	8.3	7.3
PICK FA 6-91	6.0	5.0	8.3	8.7	7.3	8.3	7.3
PICK GA-96	6.0	4.7	8.0	8.7	8.0	8.3	7.3
ATF-022	5.3	5.0	8.3	8.7	8.0	8.3	7.3
COYOTE	6.0	5.3	7.3	9.0	7.7	8.3	7.3
JTFC-96	7.3	3.7	7.0	8.0	9.0	8.7	7.3
PICK FA N-93	5.3	6.3	7.7	8.3	8.0	8.0	7.3
SR 8210	6.3	4.7	7.7	8.3	8.7	8.0	7.3
ANICHEM II (TMI-FMN)	5.0	6.0	7.7	7.7	8.0	9.0	7.2
ARABIA (J-5)	5.3	5.7	7.7	8.3	8.0	8.3	7.2
AZTEC II (TMI-AZ)	4.7	5.0	8.0	8.0	9.0	8.7	7.2
GOOD-EN (KOOS 94-14)	5.7	4.3	8.7	8.3	8.0	8.3	7.2
LION	5.7	4.7	8.7	7.7	8.0	8.7	7.2
WPEZE (WVPB-1C)	6.0	5.0	7.3	8.3	8.3	8.3	7.2
BAR FA 6D	5.0	4.7	8.7	8.7	7.7	8.7	7.2
ISI-TF9	6.3	4.3	8.7	8.0	8.0	8.0	7.2
JSC-1	5.3	4.3	8.7	8.7	7.7	8.7	7.2
MB 213	6.0	5.0	8.0	8.7	7.7	8.0	7.2
PRO 8430	5.7	4.7	7.7	8.7	8.7	8.0	7.2
WVFB-1B	6.3	4.0	8.3	8.7	8.0	8.0	7.2
ATF-257	5.7	5.0	7.7	8.0	8.3	8.3	7.2
PICK FA 20-92	5.3	5.7	8.3	8.0	7.3	8.3	7.2

TABLE 30. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY							
NAME	AR1	MO3	NE1	NE2	OK1	VA9	MEAN
AA-983	5.0	6.3	8.7	8.3	6.7	8.0	7.2
BANDANA (PST-R5AE)	6.0	5.3	7.0	7.7	8.7	8.3	7.2
FINELAWN PETITE	6.0	5.0	7.0	8.3	8.0	8.7	7.2
PICK FA XK-95	6.3	4.7	7.7	8.3	7.7	8.3	7.2
SHORTSTOP II	5.0	5.3	8.7	8.3	7.0	8.7	7.2
COMSTOCK (SSDE31)	5.7	5.7	7.7	8.3	7.3	8.0	7.1
MB 210	6.0	4.7	7.3	8.0	8.3	8.3	7.1
REBEL SENTRY (AA-A91)	5.0	5.0	8.3	8.3	7.7	8.3	7.1
ARID	5.7	4.7	7.3	8.0	8.3	8.7	7.1
COCHISE II	5.3	5.3	7.7	8.0	7.7	8.7	7.1
CORONADO GOLD (PST-5RT)	7.3	4.3	7.7	8.3	7.0	8.0	7.1
PICK FA 15-92	5.3	6.3	8.3	8.0	7.0	7.7	7.1
PSII-TF-10	5.7	5.0	8.0	8.3	8.0	7.7	7.1
J-101	5.3	5.7	7.7	8.7	7.7	7.3	7.1
MB 28	5.0	5.0	8.0	8.7	7.3	8.3	7.1
TOMAHAWK-E	4.7	6.7	7.3	8.7	7.0	8.0	7.1
ATF-192	6.0	5.7	6.3	8.0	7.7	8.7	7.1
BONSAI 2000 (BULLET)	4.7	4.7	7.7	8.7	8.0	8.7	7.1
R5AU	6.3	5.3	7.0	7.3	8.3	8.0	7.1
RESERVE (ATF-182)	6.0	5.0	7.3	8.7	7.7	7.7	7.1
ARID 2 (J-3)	4.3	5.0	8.7	8.3	7.7	8.0	7.0
BAR FA6D USA	4.0	5.7	8.0	8.0	7.7	8.7	7.0
BONSAI	6.0	4.0	8.3	8.0	7.7	8.0	7.0
DLF-1	5.3	4.0	7.7	8.0	8.7	8.3	7.0
JTIFA-96	6.7	4.3	6.3	7.7	8.7	8.3	7.0
MB 212	6.0	5.0	7.3	8.3	7.3	8.0	7.0
ATF-188	4.3	5.3	7.7	8.3	7.7	8.7	7.0
ALAMO E	5.3	4.3	8.3	8.0	7.3	8.0	6.9
BRAVO (RG-93)	6.3	4.7	6.7	8.0	7.7	8.0	6.9
TWILIGHT II (TMI-TW)	6.3	4.0	7.3	7.7	7.7	8.3	6.9
ATF-253	5.3	5.3	8.0	7.7	7.3	7.7	6.9
DP 7952	4.7	4.3	7.3	7.7	8.0	9.0	6.8
PICK FA UT-93	5.3	6.0	7.7	7.7	6.7	7.7	6.8
DP 50-9011	4.7	4.7	7.7	7.7	7.7	8.0	6.7
TULSA	5.0	4.0	7.7	8.0	8.0	7.0	6.6
EQUINOX (TMI-N91)	5.0	4.7	7.7	7.3	7.0	7.7	6.6
AV-1	4.7	3.0	6.7	8.0	7.7	8.7	6.4
KENTUCKY-31 W/ENDO.	4.3	2.0	5.7	7.0	7.7	8.7	5.9
LSD VALUE	1.9	1.1	1.4	0.8	1.6	1.2	0.6
C.V. (%)	19.4	12.7	11.3	6.0	12.2	8.6	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.

TABLE 31.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	AR1	GA1	IL1	KS2	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
REMBRANDT (LTP-4026 E+)	8.3	7.7	6.0	8.3	7.7	9.0	8.7	7.3	7.7	8.3	7.9
PLANTATION (PENNINGTON-1901)	7.0	8.0	5.7	8.3	8.0	9.0	9.0	7.7	7.3	8.3	7.8
MASTERPIECE (LTP-SD-TF)	7.0	8.0	6.0	7.7	7.7	8.7	8.7	8.0	7.0	9.0	7.8
MILLENNIUM (TMI-RBR)	7.7	5.7	6.3	8.3	8.7	8.3	9.0	7.7	7.3	8.3	7.7
PICK FA B-93	7.7	6.7	6.3	6.3	8.7	8.7	8.7	8.0	7.3	9.0	7.7
EMPRESS	7.0	7.3	6.3	7.7	8.3	8.7	8.7	7.0	7.0	8.7	7.7
CROSSFIRE II	8.3	7.7	6.0	7.3	8.0	8.0	8.3	7.7	7.0	8.3	7.7
CU9502T	7.0	6.7	6.0	7.7	7.3	9.0	9.0	7.7	7.3	8.0	7.6
OFI-931	7.0	5.7	6.0	8.7	8.0	8.7	8.7	7.3	7.0	8.7	7.6
PICK RT-95	7.3	7.0	6.3	7.0	8.0	8.7	8.7	7.0	7.0	8.7	7.6
ZPS-2PTF	7.7	6.0	6.0	6.7	8.0	9.0	9.0	7.7	7.0	8.7	7.6
WRS2	7.0	6.7	6.3	7.7	7.3	8.7	8.3	7.7	7.0	8.7	7.5
SOUTHERN CHOICE	7.3	6.3	6.0	8.0	7.0	9.0	8.3	7.3	7.0	8.7	7.5
PST-523	7.0	7.3	5.7	7.7	7.0	8.3	8.0	8.0	7.0	9.0	7.5
BAR FA 6LV	7.3	6.3	6.0	8.0	7.7	8.7	8.7	7.0	7.0	8.3	7.5
PICK GA-96	7.3	7.0	6.3	6.0	7.3	8.7	9.0	7.3	7.0	8.7	7.5
GAZELLE	7.0	6.3	6.3	5.7	9.0	9.0	9.0	8.0	7.0	7.3	7.5
ATF-038	7.7	5.7	6.0	7.3	7.3	8.7	8.7	7.3	7.3	8.3	7.4
TAR HEEL	8.0	7.0	5.7	6.0	8.3	8.3	8.0	7.3	7.3	8.3	7.4
JAGUAR 3	7.0	7.0	5.3	6.7	7.0	9.0	8.7	7.3	7.0	9.0	7.4
PST-5M5	6.0	7.0	5.7	7.7	7.7	9.0	8.7	7.3	7.0	8.0	7.4
APACHE II	6.7	6.3	5.7	7.3	7.3	8.3	8.3	7.3	7.3	8.7	7.3
OFI-FWY	7.0	5.7	5.7	7.7	7.7	8.3	8.3	7.0	7.3	8.7	7.3
MUSTANG II	6.0	7.3	6.0	8.0	6.3	8.3	8.3	7.3	7.3	8.3	7.3
REBEL SENTRY (AA-A91)	7.0	5.3	6.7	8.0	6.7	8.3	8.7	6.7	7.3	8.7	7.3
WOLFPACK (PST-R5TK)	6.7	7.0	6.0	7.7	6.7	8.3	8.0	7.0	7.0	8.7	7.3
ARID 3 (J-98)	7.3	6.3	6.0	7.0	7.3	8.3	8.3	6.7	7.3	8.3	7.3
BAR FA6 US1	7.0	6.0	5.3	6.7	7.7	8.7	8.7	7.3	7.0	8.7	7.3
BAR FA6 US2U	6.7	7.0	5.3	6.7	8.0	8.3	8.0	7.0	7.0	9.0	7.3
COYOTE	6.3	6.0	6.0	7.3	8.0	8.7	8.3	7.3	7.0	8.0	7.3
J-101	6.7	5.7	5.7	7.7	7.7	8.3	8.7	6.7	7.3	8.7	7.3
MB 212	6.7	6.3	5.7	7.7	7.3	8.3	8.3	7.0	7.3	8.3	7.3
MB 214	6.0	6.0	6.7	7.3	7.3	8.7	8.3	7.0	7.3	8.3	7.3
MB 216	6.0	7.3	6.0	7.0	6.7	8.7	8.3	6.7	7.7	8.7	7.3
CORONADO	6.7	7.0	5.3	6.3	8.0	8.0	8.3	7.0	7.3	8.7	7.3
CU9501T	5.7	6.3	5.7	7.0	8.0	8.7	8.3	7.0	7.7	8.3	7.3
REGIMENT	7.3	4.7	5.7	8.0	6.7	8.3	8.3	7.0	7.3	9.0	7.2
ISI-TF11	6.3	6.7	6.0	8.0	6.7	8.0	8.0	7.3	7.0	8.3	7.2
RENEGADE	6.7	6.7	5.3	8.0	5.7	8.7	8.0	7.7	7.0	8.7	7.2
RESERVE (ATF-182)	7.7	6.7	5.7	7.3	6.7	7.3	8.7	7.0	7.3	8.0	7.2
ZPS-5LZ	7.7	6.0	6.0	5.3	8.0	8.3	8.7	7.0	7.0	8.3	7.2
AA-983	6.3	6.3	5.7	7.3	7.0	8.7	8.3	7.0	7.3	8.0	7.2
ATF-022	7.0	6.3	5.0	7.0	6.7	8.7	9.0	6.3	7.3	8.7	7.2
MARKSMAN	7.0	5.7	5.3	8.0	6.7	8.7	8.3	6.7	7.3	8.3	7.2
MB 211	6.3	6.3	5.7	7.0	6.3	8.3	8.7	7.0	7.3	9.0	7.2

TABLE 31.
(CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY										
	AR1	GA1	IL1	KS2	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
MB 26	7.0	4.7	6.0	6.0	7.3	8.7	8.7	7.3	7.3	9.0	7.2
PST-5E5	6.3	7.3	5.7	7.0	7.0	7.7	8.3	7.0	7.0	8.7	7.2
REBEL 2000 (AA-989)	7.0	5.3	6.0	7.7	7.7	7.7	8.3	6.7	7.7	8.0	7.2
R5AU	7.3	6.7	5.7	7.7	7.0	6.7	8.0	7.0	7.3	8.3	7.2
SAFARI	7.0	6.7	5.0	7.7	6.7	8.0	8.3	7.7	7.0	7.7	7.2
BAR FA 6D	6.3	4.7	6.3	6.7	7.3	9.0	8.7	7.3	7.0	8.3	7.2
ALAMO E	6.3	5.3	5.7	7.7	7.3	7.7	8.3	7.0	7.3	8.7	7.1
GENESIS	6.7	6.0	6.0	7.7	6.3	7.3	8.3	7.0	7.3	8.7	7.1
MB 215	5.7	5.3	5.7	7.7	7.3	8.3	8.3	7.0	7.3	8.7	7.1
MB 29	7.0	5.7	5.7	7.7	7.3	8.3	8.0	7.0	7.0	7.7	7.1
OFI-96-31	5.7	6.0	6.3	7.7	6.0	8.3	8.3	7.3	7.0	8.7	7.1
ATF-253	7.0	6.0	5.3	7.3	6.7	8.0	8.7	6.3	7.3	8.7	7.1
BAR FA6 US6F	7.0	6.0	6.0	7.7	6.7	8.0	8.0	7.0	6.7	8.3	7.1
SRX 8500	7.0	4.0	6.3	6.3	7.7	8.7	8.7	7.3	7.0	8.3	7.1
BAR FA6 US3	7.0	5.3	6.0	6.7	7.3	8.3	8.0	7.7	7.0	7.7	7.1
CORONADO GOLD (PST-5RT)	6.7	7.3	5.3	7.3	6.7	7.3	8.0	7.0	7.0	8.3	7.1
DUSTER	6.3	5.0	5.7	7.3	7.0	8.7	8.7	7.0	6.7	8.7	7.1
LEPRECHAUN	5.3	7.0	4.7	7.0	7.3	7.7	8.7	7.0	7.3	9.0	7.1
PICK FA 15-92	6.3	5.7	5.7	6.0	8.3	8.0	8.3	7.3	7.3	8.0	7.1
PIXIE E+	6.0	5.7	6.0	7.7	6.3	8.0	8.3	6.7	7.7	8.7	7.1
SRX 8084	5.7	6.0	6.0	7.3	6.7	8.3	8.7	7.3	7.0	8.0	7.1
COMSTOCK (SSDE31)	5.7	5.7	5.3	7.3	7.3	8.3	8.3	6.7	7.3	8.7	7.1
FALCON II	6.7	6.3	5.7	7.7	5.3	8.3	8.3	7.0	7.0	8.3	7.1
PRO 8430	5.3	6.7	6.0	6.3	6.3	8.3	8.3	7.3	7.0	9.0	7.1
PSII-TF-9	6.7	6.0	4.7	7.7	7.3	7.0	8.7	7.0	7.0	8.7	7.1
SUNPRO	7.3	4.7	5.7	5.7	7.0	9.0	9.0	7.3	7.0	8.0	7.1
TULSA	6.0	5.3	6.7	7.0	6.7	8.0	8.0	7.3	7.3	8.3	7.1
WX3-275	5.7	6.0	5.7	7.3	7.0	8.0	8.0	7.3	7.0	8.7	7.1
MB 210	5.7	6.0	5.7	7.7	6.3	8.3	8.3	7.0	7.3	8.0	7.0
SR 8210	7.0	4.3	5.7	8.0	5.7	7.7	8.7	7.3	7.0	9.0	7.0
BAR FA6D USA	5.3	5.7	5.7	7.3	7.0	8.0	8.0	7.7	7.3	8.3	7.0
OFI-951	6.0	4.7	5.3	6.3	8.0	8.7	8.7	7.0	7.0	8.7	7.0
OFI-96-32	7.0	6.3	5.3	7.3	5.0	8.0	8.7	7.0	7.0	8.7	7.0
PST-5TO	6.7	6.3	5.7	7.0	7.3	7.7	7.3	7.0	7.0	8.3	7.0
ATF-196	6.3	6.3	5.7	6.3	5.7	8.3	8.3	7.3	7.3	8.3	7.0
ISI-TF9	6.0	5.3	6.0	7.3	6.0	8.3	8.0	7.3	7.0	8.7	7.0
GOOD-EN (KOOS 94-14)	6.3	5.7	5.7	6.7	5.3	8.3	8.3	7.0	7.3	9.0	7.0
MB 28	6.0	5.0	5.3	8.0	6.7	8.3	8.0	7.0	7.0	8.3	7.0
SHORTSTOP II	6.7	4.3	6.7	5.3	8.0	8.3	8.0	6.7	7.3	8.3	7.0
TA-7	6.0	5.7	5.7	7.3	6.0	8.0	8.3	7.0	7.0	8.7	7.0
TOMAHAWK-E	5.3	5.0	6.0	6.7	8.0	8.3	8.7	6.3	7.0	8.3	7.0
WVPB-1D	6.0	6.3	5.0	8.0	6.0	7.7	8.3	7.0	7.0	8.3	7.0
COCHISE II	7.3	5.3	5.0	5.7	7.7	8.0	7.7	7.0	7.0	9.0	7.0
BONSAI 2000 (BULLET)	6.0	4.3	6.0	7.7	6.7	8.7	8.0	6.7	7.3	8.0	6.9
PSII-TF-10	6.0	6.3	5.7	7.0	5.7	8.0	8.7	7.0	7.0	8.0	6.9
AZTEC II (TMI-AZ)	6.0	4.3	6.3	7.3	7.0	7.7	8.0	7.3	7.0	8.3	6.9

TABLE 31.
(CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY										
	AR1	GA1	IL1	KS2	MO3	NE1	NE2	OK1	SC2	VA9	MEAN
FINELAWN PETITE	6.0	6.7	5.0	7.3	6.3	7.0	8.3	7.0	7.0	8.7	6.9
PICK FA XK-95	7.3	5.0	5.0	7.0	6.7	8.0	7.7	7.3	6.7	8.7	6.9
MB 213	5.7	5.0	5.7	8.3	6.3	8.7	7.7	6.7	7.3	7.7	6.9
PICK FA N-93	6.3	3.3	6.0	5.0	8.3	8.3	8.3	7.7	7.0	8.7	6.9
WPEZE (WVPB-1C)	5.3	6.7	5.0	7.0	6.0	7.7	8.7	7.3	7.0	8.3	6.9
ATF-020	5.7	5.0	5.0	6.3	7.3	8.3	8.7	6.3	7.3	8.7	6.9
ATF-188	5.0	5.7	5.3	6.3	8.0	7.7	8.0	7.3	7.3	8.0	6.9
BRAVO (RG-93)	6.0	6.7	5.3	8.0	6.3	6.7	8.0	6.3	7.0	8.3	6.9
ARABIA (J-5)	6.0	4.3	6.3	6.3	8.0	7.7	8.0	6.7	7.3	8.0	6.9
ARID 2 (J-3)	5.3	5.0	5.7	6.7	6.7	8.0	8.3	7.0	7.3	8.3	6.8
BANDANA (PST-R5AE)	5.7	5.7	6.0	7.0	6.7	7.0	7.3	7.3	7.0	8.7	6.8
EQUINOX (TMI-N91)	5.7	6.0	5.3	7.7	6.7	7.0	7.0	7.0	7.3	8.7	6.8
PC-AO	5.7	5.7	5.3	6.7	6.0	8.3	8.3	6.3	7.0	9.0	6.8
ANTHEM II (TMI-FMN)	5.7	4.3	5.3	7.0	7.3	7.7	7.7	7.7	7.3	8.3	6.8
ATF-257	6.3	5.0	6.0	7.0	6.3	7.3	8.0	6.7	7.3	8.3	6.8
PICK FA 6-91	5.3	5.7	5.7	6.3	6.3	8.3	8.3	6.7	7.3	8.3	6.8
TITAN 2	4.7	6.0	6.3	8.0	5.7	7.3	8.0	6.7	7.3	8.3	6.8
KITTY HAWK S.S.T. (SS45DW)	5.0	6.0	5.3	6.7	6.0	7.7	8.0	7.0	7.3	9.0	6.8
ATF-192	6.0	5.7	5.3	7.0	7.0	6.0	7.7	7.0	7.3	8.7	6.8
EC-101	5.7	5.7	5.3	7.7	4.3	8.0	8.7	7.0	7.0	8.3	6.8
ISI-TF10	6.0	5.0	5.7	7.0	6.7	7.0	8.3	7.0	7.0	8.0	6.8
SHENANDOAH	7.0	4.7	5.7	8.0	5.7	5.3	8.7	7.3	7.3	8.0	6.8
PICK FA 20-92	6.3	4.0	5.3	6.0	7.3	8.7	8.0	7.3	6.7	8.0	6.8
EA 41	5.0	3.7	5.7	7.0	7.7	7.7	7.7	7.3	7.0	8.7	6.7
WVPB-1B	5.7	5.0	5.3	7.0	5.0	7.7	8.3	7.0	7.0	8.7	6.7
DP 50-9011	5.3	4.0	5.3	7.3	6.7	8.0	7.7	6.7	7.3	8.3	6.7
DLF-1	6.0	5.3	4.7	7.3	4.7	8.0	7.7	6.7	7.3	8.3	6.6
JSC-1	4.3	5.3	5.0	7.7	5.3	7.7	8.3	6.7	7.0	8.7	6.6
LION	6.3	4.3	5.3	6.7	5.3	7.7	8.0	7.0	7.0	8.0	6.6
ARID	6.0	6.0	5.0	7.7	4.0	7.3	7.7	6.3	7.3	7.7	6.5
JTTFA-96	6.0	4.7	4.7	6.3	5.3	7.0	7.7	7.7	7.0	8.3	6.5
JTTFC-96	5.3	5.3	4.7	7.3	4.3	7.3	8.0	7.3	7.0	7.3	6.4
PICK FA UT-93	5.3	3.7	5.0	5.3	8.0	8.0	7.3	6.3	6.7	8.0	6.4
TWILIGHT II (TMI-IW)	5.7	5.0	4.7	6.3	5.0	7.0	7.3	7.0	7.0	8.3	6.3
BONSAI	5.0	2.3	5.3	6.0	5.3	8.0	8.0	7.0	7.0	7.7	6.2
AV-1	3.7	5.3	5.0	6.7	3.7	7.7	7.7	6.3	7.0	8.0	6.1
DP 7952	4.7	3.0	4.3	7.3	3.7	7.3	7.3	6.7	7.3	7.0	5.9
KENTUCKY-31 W/ENDO.	2.7	5.0	3.7	6.7	2.0	5.0	6.0	6.0	7.0	8.0	5.2
LSD VALUE	1.4	1.4	1.0	1.4	1.8	1.1	0.9	0.8	0.7	1.2	0.4
C.V. (%)	13.4	15.5	10.8	11.9	16.4	8.8	6.9	7.4	5.7	8.6	10.6

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

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	AR1	MO1	MO3	OK1	SC2	MEAN
PIXIE E+	86.7	83.3	99.0	98.0	66.7	86.7
REGIMENT	85.0	81.7	99.0	98.0	61.7	85.1
ARID	85.0	81.7	94.7	98.7	60.0	84.0
REMBRANDT (LTP-4026 E+)	83.3	73.3	99.0	96.3	66.7	83.7
DP 7952	86.7	75.0	97.7	98.7	60.0	83.6
R5AU	83.3	80.0	99.0	97.3	55.0	82.9
KENTUCKY-31 W/ENDO.	86.7	90.0	99.0	97.0	41.7	82.9
EQUINOX (TMI-N91)	83.3	78.3	99.0	95.3	58.3	82.9
RENEGADE	86.7	86.7	99.0	97.7	43.3	82.7
TITAN 2	88.3	85.0	99.0	97.7	41.7	82.3
GOOD-EN (KOOS 94-14)	86.7	80.0	99.0	96.7	46.7	81.8
PLANTATION (PENNINGTON-1901)	80.0	78.3	99.0	95.0	56.7	81.8
CU9502T	80.0	73.3	99.0	98.3	58.3	81.8
MILLENNIUM (TMI-RBR)	81.7	75.0	99.0	96.3	56.7	81.7
SAFARI	88.3	83.3	96.0	97.7	43.3	81.7
SHENANDOAH	90.0	73.3	99.0	97.7	48.3	81.7
FALCON II	85.0	81.7	97.7	97.3	45.0	81.3
ATF-253	83.3	68.3	99.0	97.3	58.3	81.3
APACHE II	88.3	81.7	99.0	95.0	41.7	81.1
REBEL SENTRY (AA-A91)	78.3	75.0	99.0	96.3	56.7	81.1
MARKSMAN	81.7	80.0	97.7	97.3	48.3	81.0
SOUTHERN CHOICE	85.0	78.3	99.0	97.3	45.0	80.9
ALAMO E	85.0	68.3	94.7	96.7	58.3	80.6
CU9501T	71.7	70.0	96.0	97.0	68.3	80.6
ATF-196	85.0	68.3	99.0	95.3	55.0	80.5
GENESIS	81.7	78.3	99.0	97.0	46.7	80.5
DLF-1	78.3	76.7	97.7	98.0	51.7	80.5
J-101	86.7	63.3	99.0	96.7	56.7	80.5
ATF-020	80.0	70.0	97.7	96.0	58.3	80.4
ATF-257	81.7	66.7	96.0	97.3	59.7	80.3
MB 26	83.3	71.7	99.0	97.3	50.0	80.3
MB 29	86.7	66.7	99.0	97.0	51.7	80.2
ATF-192	76.7	66.7	99.0	96.7	61.7	80.1
MB 216	83.3	73.3	99.0	95.0	50.0	80.1
PST-5E5	83.3	81.7	99.0	95.7	40.0	79.9
TULSA	78.3	68.3	99.0	97.3	56.7	79.9
KITTY HAWK S.S.T. (SS45DW)	83.3	76.7	99.0	95.3	45.0	79.9
OFI-96-31	88.3	73.3	99.0	96.7	41.7	79.8
WVPB-1D	91.7	76.7	94.3	98.0	38.3	79.8
OFI-96-32	78.3	80.0	99.0	98.0	43.3	79.7
LEPRECHAUN	80.0	76.7	99.0	97.3	45.0	79.6
RESERVE (ATF-182)	86.7	55.0	99.0	97.3	60.0	79.6
ARID 3 (J-98)	85.0	58.3	99.0	95.3	59.7	79.5
JTTFA-96	85.0	78.3	96.0	98.0	40.0	79.5
OFI-FWY	86.7	70.0	99.0	96.7	45.0	79.5
COMSTOCK (SSDE31)	80.0	76.7	99.0	98.0	43.3	79.4

TABLE 32.
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS						
NAME	AR1	MO1	MO3	OK1	SC2	MEAN
MUSTANG II	81.7	71.7	99.0	98.0	46.7	79.4
MB 210	80.0	73.3	99.0	97.3	46.7	79.3
PSII-TF-9	81.7	76.7	99.0	97.0	41.7	79.2
ISI-TF10	91.7	70.0	99.0	97.0	38.3	79.2
PC-AO	85.0	71.7	99.0	95.3	45.0	79.2
REBEL 2000 (AA-989)	83.3	56.7	99.0	93.7	63.3	79.2
CORONADO	85.0	73.3	99.0	96.3	41.7	79.1
ANTHEM II (TMI-FMN)	80.0	63.3	99.0	97.7	55.0	79.0
DP 50-9011	81.7	63.3	99.0	97.7	53.3	79.0
MB 211	83.3	70.0	99.0	97.7	45.0	79.0
MB 214	81.7	71.7	99.0	95.7	46.7	78.9
ATF-038	83.3	60.0	99.0	97.0	55.0	78.9
BRAVO (RG-93)	81.7	76.7	99.0	96.7	40.0	78.8
TA-7	78.3	75.0	99.0	96.3	45.0	78.7
ISI-TF11	81.7	75.0	99.0	97.3	40.0	78.6
ZPS-2PTF	85.0	75.0	99.0	94.0	40.0	78.6
BAR FA 6LV	88.3	66.7	97.7	97.3	41.7	78.3
BONSAI 2000 (BULLET)	75.0	75.0	99.0	96.0	46.7	78.3
FINELAWN PETITE	75.0	78.3	99.0	97.7	41.7	78.3
PICK FA B-93	80.0	65.0	99.0	96.0	51.7	78.3
SRX 8084	78.3	80.0	96.0	95.7	41.7	78.3
WVPB-1B	80.0	73.3	99.0	97.7	40.0	78.0
MB 212	78.3	71.7	99.0	95.3	45.0	77.9
BAR FA 6D	81.7	71.7	99.0	95.0	41.7	77.8
PST-523	81.7	73.3	99.0	96.3	38.3	77.7
AZTEC II (TMI-AZ)	76.7	70.0	99.0	97.7	45.0	77.7
WPEZE (WVPB-1C)	81.7	71.7	99.0	96.0	40.0	77.7
ISI-TF9	85.0	68.3	99.0	97.0	38.3	77.5
CROSSFIRE II	81.7	75.0	94.7	96.0	40.0	77.5
MASTERPIECE (LTP-SD-TF)	80.0	73.3	99.0	96.7	38.3	77.5
MB 213	78.3	66.7	99.0	96.7	46.7	77.5
JAGUAR 3	80.0	70.0	99.0	98.0	40.0	77.4
PST-5M5	78.3	73.3	99.0	96.0	40.0	77.3
ARID 2 (J-3)	81.7	53.3	99.0	97.0	55.0	77.2
ATF-022	80.0	55.0	99.0	97.0	55.0	77.2
EMPRESS	81.7	70.0	99.0	97.0	38.3	77.2
JTTFC-96	83.3	75.0	93.0	98.0	36.7	77.2
SHORTSTOP II	75.0	61.7	99.0	95.3	55.0	77.2
PRO 8430	83.3	63.3	99.0	97.0	43.3	77.2
PICK FA 6-91	80.0	58.3	99.0	95.0	53.3	77.1
EC-101	73.3	71.7	99.0	98.0	43.3	77.1
OFI-931	76.7	68.3	99.0	97.0	43.3	76.9
SR 8210	78.3	70.0	99.0	96.7	40.0	76.8
WOLFPACK (PST-R5TK)	76.7	70.0	99.0	98.0	40.0	76.7
LION	85.0	65.0	99.0	93.7	40.0	76.5
TAR HEEL	81.7	63.3	99.0	96.3	41.7	76.4

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

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS						
NAME	AR1	MO1	MO3	OK1	SC2	MEAN
MB 28	76.7	68.3	99.0	96.0	41.7	76.3
SRX 8500	76.7	68.3	99.0	96.0	41.7	76.3
TWILIGHT II (TMI-TW)	81.7	65.0	96.0	95.7	43.3	76.3
PICK FA 20-92	76.7	73.3	99.0	94.3	38.3	76.3
BONSAI	80.0	66.7	99.0	95.7	40.0	76.3
EA 41	80.0	63.3	99.0	97.3	41.7	76.3
PSII-TF-10	71.7	71.7	99.0	97.0	41.7	76.2
SUNPRO	83.3	63.3	99.0	95.3	38.3	75.9
ATF-188	75.0	66.7	96.0	97.7	43.3	75.7
DUSTER	83.3	66.7	96.0	97.7	35.0	75.7
CORONADO GOLD (PST-5RT)	80.0	63.3	99.0	95.7	40.0	75.6
WX3-275	76.7	68.3	99.0	94.0	40.0	75.6
BANDANA (PST-R5AE)	71.7	70.0	99.0	97.0	40.0	75.5
BAR FA6 US3	80.0	61.7	99.0	95.0	41.7	75.5
BAR FA6 US6F	86.7	58.3	99.0	97.7	35.0	75.3
PICK GA-96	73.3	68.3	99.0	94.3	41.7	75.3
BAR FA6 US2U	83.3	58.3	99.0	96.0	40.0	75.3
PICK FA 15-92	75.0	53.3	99.0	95.0	53.3	75.1
COCHISE II	76.7	65.0	99.0	96.0	38.3	75.0
WRS2	73.3	68.3	99.0	94.0	40.0	74.9
OFI-951	78.3	58.3	99.0	96.3	41.7	74.7
TOMAHAWK-E	83.3	55.0	99.0	95.7	40.0	74.6
PICK FA XK-95	80.0	58.3	99.0	95.7	38.3	74.3
GAZELLE	81.7	56.7	99.0	96.7	36.7	74.1
BAR FA6 US1	73.3	63.0	99.0	94.3	38.3	73.6
COYOTE	75.0	58.3	99.0	95.3	40.0	73.5
MB 215	60.3	66.7	99.0	93.0	48.3	73.5
AA-983	73.3	40.0	99.0	94.3	58.3	73.0
PICK RT-95	59.3	73.3	99.0	94.3	38.3	72.9
AV-1	63.3	70.0	91.3	97.3	41.7	72.7
PST-5TO	65.0	63.3	99.0	96.3	40.0	72.7
BAR FA6D USA	68.3	56.7	99.0	91.7	45.0	72.1
PICK FA N-93	68.3	56.7	99.0	95.0	41.7	72.1
ARABIA (J-5)	76.7	40.0	97.7	96.0	50.0	72.1
ZPS-5LZ	75.0	53.3	99.0	94.7	38.3	72.1
JSC-1	56.7	60.0	99.0	96.0	41.7	70.7
PICK FA UT-93	68.3	50.0	99.0	77.0	41.7	67.2
LSD VALUE	16.3	17.0	3.0	5.6	24.6	6.9
C.V. (%)	12.6	15.2	1.9	3.6	33.0	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 33. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	GA1	ME1	MO3	OK1	SC2	MEAN
PICK FA B-93	85.0	95.0	99.0	97.7	76.7	90.7
REMBRANDT (LTP-4026 E+)	83.3	95.0	99.0	97.3	78.0	90.5
RESERVE (ATF-182)	85.0	90.0	99.0	97.7	74.7	89.3
PIXIE E+	78.0	91.7	99.0	96.0	81.3	89.2
CU9501T	75.0	91.7	99.0	96.3	83.0	89.0
REBEL 2000 (AA-989)	75.0	95.0	99.0	96.0	79.7	88.9
ATF-196	80.0	93.3	99.0	97.3	74.7	88.9
PLANTATION (PENNINGTON-1901)	81.7	93.3	99.0	97.0	73.0	88.8
MUSTANG II	78.3	91.7	96.0	97.7	80.0	88.7
ATF-192	78.3	93.3	99.0	96.3	76.3	88.7
SAFARI	83.3	95.0	97.7	98.0	68.3	88.5
TULSA	78.3	95.0	99.0	95.0	74.7	88.4
MB 211	84.3	86.7	99.0	98.3	73.0	88.3
PST-523	93.0	86.7	99.0	98.3	63.3	88.1
ARID 3 (J-98)	83.3	90.0	99.0	96.0	71.3	87.9
SOUTHERN CHOICE	78.3	93.3	97.7	97.7	71.7	87.7
R5AU	85.0	86.7	97.7	97.7	71.3	87.7
ATF-253	81.7	90.0	99.0	91.3	76.3	87.7
ARID	81.7	85.0	99.0	97.7	74.7	87.6
OFI-96-32	81.7	86.7	99.0	96.0	74.7	87.6
MB 210	81.7	88.3	99.0	97.0	71.7	87.5
MILLENNIUM (TMI-RBR)	75.0	95.0	96.0	97.7	73.0	87.3
REBEL SENTRY (AA-A91)	83.3	88.3	99.0	95.3	69.7	87.1
JSC-1	78.3	88.3	99.0	96.0	73.3	87.0
TAR HEEL	75.0	91.7	99.0	95.3	73.3	86.9
WRS2	88.3	85.0	99.0	97.0	65.0	86.9
CU9502T	80.0	85.0	99.0	94.7	74.7	86.7
GOOD-EN (KOOS 94-14)	68.3	90.0	99.0	96.7	78.3	86.5
WOLFPACK (PST-R5TK)	87.7	85.0	99.0	97.0	63.3	86.4
EC-101	73.3	90.0	99.0	97.7	71.7	86.3
TA-7	73.3	90.0	99.0	97.7	71.7	86.3
OFI-96-31	73.3	90.0	99.0	97.0	71.7	86.2
GENESIS	81.7	86.7	99.0	96.3	66.7	86.1
BAR FA6 US2U	81.0	95.0	99.0	97.0	58.3	86.1
ATF-038	81.7	83.3	97.7	96.0	71.3	86.0
DLF-1	70.0	80.0	99.0	96.3	84.7	86.0
PST-5M5	88.3	85.0	99.0	97.7	60.0	86.0
BAR FA 6LV	71.7	91.7	99.0	95.3	71.7	85.9
BRAVO (RG-93)	81.7	90.0	99.0	95.0	63.3	85.8
BAR FA 6D	76.7	86.7	99.0	94.7	71.7	85.7
PST-5E5	83.3	86.7	99.0	98.0	61.7	85.7
ISI-TF11	86.7	80.0	99.0	97.7	65.0	85.7
MB 214	70.0	95.0	99.0	96.0	68.3	85.7
MB 216	70.0	93.3	99.0	94.3	71.7	85.7
MB 29	66.7	85.0	96.0	97.3	83.3	85.7
ATF-257	73.3	86.7	97.7	95.3	74.7	85.5

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

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS						
NAME	GA1	ME1	MO3	OK1	SC2	MEAN
MARKSMAN	73.3	91.7	99.0	93.0	70.0	85.4
RENEGADE	75.0	85.0	99.0	98.0	70.0	85.4
CORONADO	73.3	88.3	99.0	96.3	70.0	85.4
PC-AO	75.0	88.3	99.0	97.3	66.7	85.3
ATF-020	73.3	85.0	99.0	95.7	73.0	85.2
EQUINOX (TMI-N91)	70.0	88.3	99.0	95.7	73.0	85.2
WVPB-1B	70.0	88.3	97.7	98.3	71.7	85.2
BAR FA6D USA	70.0	93.3	99.0	95.3	68.3	85.2
PICK GA-96	81.7	86.7	96.0	96.3	65.0	85.1
ATF-022	73.3	86.7	97.7	94.7	73.0	85.1
JAGUAR 3	85.0	86.7	99.0	96.3	58.3	85.1
FALCON II	75.0	85.0	97.7	97.3	70.0	85.0
MASTERPIECE (LTP-SD-IF)	83.3	85.0	99.0	97.7	60.0	85.0
PICK FA 6-91	68.3	93.3	99.0	93.0	71.3	85.0
APACHE II	68.3	86.7	99.0	97.3	73.3	84.9
PICK RT-95	81.7	91.7	99.0	95.3	56.7	84.9
LEPRECHAUN	73.3	93.3	99.0	97.0	61.7	84.9
ATF-188	71.7	90.0	97.7	94.7	70.0	84.8
AA-983	70.0	90.0	99.0	90.0	74.7	84.7
COMSTOCK (SSDE31)	71.7	88.3	99.0	94.7	70.0	84.7
REGIMENT	68.3	86.7	96.0	96.3	76.3	84.7
AZTEC II (TMI-AZ)	70.0	86.7	96.0	99.0	71.7	84.7
BONSAI 2000 (BULLET)	63.3	90.0	99.0	97.3	73.3	84.6
GAZELLE	71.7	91.7	99.0	97.3	63.3	84.6
SHENANDOAH	65.0	91.7	99.0	99.0	68.3	84.6
MB 212	70.0	88.3	99.0	97.0	68.3	84.5
ANTHEM II (TMI-FMN)	63.3	93.3	99.0	93.3	73.0	84.4
J-101	65.0	90.0	99.0	96.7	71.3	84.4
BANDANA (PST-R5AE)	75.0	85.0	99.0	97.7	65.0	84.3
CROSSFIRE II	83.3	80.0	99.0	97.7	61.7	84.3
TITAN 2	68.3	86.7	99.0	97.7	70.0	84.3
WPEZE (WVPB-1C)	68.3	91.7	99.0	97.7	65.0	84.3
WVPB-1D	85.0	80.0	99.0	95.7	61.7	84.3
ARID 2 (J-3)	65.0	88.3	99.0	96.0	73.0	84.3
ALAMO E	65.0	88.3	94.3	97.0	76.3	84.2
TWILIGHT II (TMI-TW)	73.3	83.3	96.0	96.3	71.7	84.1
CORONADO GOLD (PST-5RT)	81.7	85.0	99.0	93.0	61.7	84.1
COYOTE	73.3	88.3	99.0	94.7	65.0	84.1
BAR FA6 US6F	75.0	88.3	99.0	97.7	60.0	84.0
OFI-FWY	61.7	91.7	99.0	99.0	68.3	83.9
OFI-931	66.7	90.0	99.0	97.3	65.0	83.6
KITTY HAWK S.S.T. (SS45DW)	71.7	80.0	99.0	95.0	71.7	83.5
BAR FA6 US3	76.7	85.0	99.0	96.3	60.0	83.4
LION	61.7	90.0	99.0	97.0	68.3	83.2
ISI-TF9	66.7	90.0	99.0	96.7	63.3	83.1
EMPRESS	70.0	88.3	99.0	97.7	60.0	83.0

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

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS						
NAME	GA1	ME1	MO3	OK1	SC2	MEAN
JTTFC-96	71.7	86.7	97.7	99.0	60.0	83.0
MB 26	53.3	88.3	99.0	96.0	78.3	83.0
MB 215	66.7	86.7	99.0	94.0	68.3	82.9
TOMAHAWK-E	70.0	86.7	99.0	92.3	66.7	82.9
PICK FA XK-95	68.3	93.3	99.0	95.0	58.3	82.8
ZPS-5LZ	73.3	88.3	99.0	95.0	58.3	82.8
AV-1	70.0	80.0	94.7	96.0	73.0	82.7
COCHISE II	63.3	88.3	96.0	97.7	68.3	82.7
MB 213	61.7	86.7	99.0	96.0	70.0	82.7
SR 8210	66.7	90.0	99.0	97.0	60.0	82.5
FINELAWN PETITE	75.0	81.7	99.0	97.7	58.3	82.3
WX3-275	68.3	81.7	99.0	97.0	65.0	82.2
MB 28	61.7	85.0	99.0	97.0	68.3	82.2
JTTFA-96	61.7	85.0	99.0	98.3	66.7	82.1
SRX 8084	66.7	88.3	97.7	97.7	60.0	82.1
PSII-TF-10	63.3	91.7	99.0	97.7	58.3	82.0
PST-5TO	73.3	78.3	99.0	95.3	63.3	81.9
BAR FA6 US1	71.7	86.7	99.0	94.7	56.7	81.7
PSII-TF-9	65.0	88.3	99.0	95.3	60.0	81.5
KENTUCKY-31 W/ENDO.	75.0	68.3	97.7	94.7	71.7	81.5
PRO 8430	65.0	86.7	99.0	97.7	58.3	81.3
OFI-951	56.7	85.0	99.0	97.7	68.3	81.3
SHORTSTOP II	56.7	85.0	99.0	93.3	71.3	81.1
SRX 8500	56.7	93.3	99.0	96.3	60.0	81.1
ARABIA (J-5)	51.7	88.3	99.0	96.3	69.7	81.0
PICK FA 20-92	56.7	95.0	99.0	97.7	56.7	81.0
PICK FA 15-92	58.3	83.3	99.0	93.0	71.3	81.0
DP 50-9011	53.3	88.3	99.0	96.0	68.0	80.9
DUSTER	65.0	81.7	99.0	94.3	63.3	80.7
ZPS-2PTF	66.7	86.7	99.0	94.0	56.7	80.6
SUNPRO	56.7	91.7	99.0	97.3	58.3	80.6
PICK FA N-93	46.7	88.3	99.0	97.0	65.0	79.2
EA 41	50.0	85.0	99.0	98.3	61.7	78.8
PICK FA UT-93	38.3	91.7	99.0	94.3	70.0	78.7
ISI-TF10	51.7	76.7	99.0	97.3	65.0	77.9
DP 7952	33.3	85.0	97.7	95.7	76.3	77.6
BONSAI	33.3	76.7	99.0	94.0	60.0	72.6
LSD VALUE	19.0	11.6	2.7	5.2	28.3	7.3
C.V. (%)	16.5	8.2	1.7	3.4	25.7	12.0

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

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

TABLE 34.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IN1	MO3	OK1	SC2	MEAN	NAME	IN1	MO3	OK1	SC2	MEAN
MUSTANG II	75.0	99.0	97.7	94.7	91.6	OFI-931	70.0	99.0	99.0	85.0	88.3
REGIMENT	76.7	99.0	99.0	91.7	91.6	RENEGADE	68.3	99.0	99.0	86.7	88.3
PIXIE E+	78.3	99.0	96.0	92.7	91.5	BONSAI 2000 (BULLETT)	66.7	99.0	99.0	88.0	88.2
ATF-188	80.0	99.0	99.0	86.7	91.2	CORONADO	68.3	99.0	99.0	86.3	88.2
JTFFA-96	80.0	99.0	99.0	86.7	91.2	J-101	68.3	99.0	99.0	86.3	88.2
REMBRANDT (LTP-4026 E+)	73.3	99.0	97.7	93.0	90.8	GOOD-EN (KOOS 94-14)	65.0	99.0	96.0	91.7	87.9
SOUTHERN CHOICE	75.0	99.0	99.0	90.0	90.8	MB 28	66.7	99.0	97.7	88.3	87.9
CU9501T	68.3	99.0	99.0	96.0	90.6	BRAVO (RG-93)	71.7	99.0	99.0	81.7	87.8
PICK GA-96	76.7	99.0	99.0	86.7	90.3	EQUINOX (TMI-N91)	66.7	99.0	97.7	88.0	87.8
CROSSFIRE II	80.0	99.0	99.0	83.3	90.3	BANDANA (PST-R5AE)	70.0	99.0	99.0	83.3	87.8
REBEL 2000 (AA-989)	73.3	99.0	96.0	93.0	90.3	EC-101	68.3	99.0	99.0	85.0	87.8
APACHE II	73.3	99.0	99.0	89.7	90.3	TAR HEEL	63.3	99.0	97.7	91.3	87.8
MILLENNIUM (TMI-FBR)	73.3	99.0	99.0	89.7	90.3	KITTY HAWK S.S.T. (SS45DW)	63.3	99.0	99.0	89.7	87.8
OFI-96-31	76.7	99.0	99.0	86.3	90.3	ATF-196	66.7	99.0	99.0	86.3	87.8
PICK FA B-93	70.0	99.0	99.0	93.0	90.3	MB 212	70.0	99.0	96.3	84.7	87.5
TULSA	75.0	99.0	99.0	88.0	90.3	MB 29	68.3	99.0	96.0	86.7	87.5
GENESIS	75.0	99.0	99.0	86.7	89.9	ATF-020	63.3	99.0	97.7	89.7	87.4
CU9502T	75.0	99.0	99.0	86.3	89.8	ATF-257	63.3	99.0	97.7	89.7	87.4
MARKSMAN	73.3	99.0	99.0	88.0	89.8	FALCON II	66.7	99.0	99.0	85.0	87.4
WVPB-1B	75.0	99.0	99.0	86.3	89.8	ISI-TF11	66.7	99.0	99.0	85.0	87.4
ARID	73.3	99.0	99.0	86.7	89.5	JSC-1	65.0	99.0	99.0	86.7	87.4
MB 210	73.3	99.0	99.0	86.7	89.5	MB 213	66.7	99.0	97.7	86.3	87.4
TITAN 2	73.3	99.0	97.7	88.0	89.5	MB 215	66.7	99.0	96.0	88.0	87.4
WOLFPACK (PST-R5TK)	75.0	99.0	99.0	85.0	89.5	ANTHEM II (TMI-FMN)	63.3	99.0	99.0	88.0	87.3
LEPRECHAUN	75.0	99.0	99.0	84.7	89.4	RESERVE (ATF-182)	61.7	99.0	99.0	89.7	87.3
PLANTATION (PENNINGTON-1901)	70.0	99.0	99.0	89.7	89.4	WRS2	66.7	99.0	97.7	85.0	87.1
MASTERPIECE (LTP-SD-TF)	76.7	99.0	99.0	81.7	89.1	PSII-TF-9	68.3	99.0	97.7	83.3	87.1
R5AU	71.7	99.0	99.0	86.7	89.1	OFI-96-32	63.3	99.0	99.0	86.7	87.0
REBEL SENTRY (AA-A91)	75.0	99.0	97.7	84.7	89.1	BAR FA6 US2U	65.0	99.0	99.0	85.0	87.0
SAFARI	71.7	99.0	99.0	86.7	89.1	BONSAI	68.3	99.0	99.0	81.7	87.0
AZTEC II (TMI-AZ)	73.3	99.0	99.0	85.0	89.1	COCHISE II	65.0	99.0	99.0	85.0	87.0
MB 214	75.0	99.0	99.0	83.3	89.1	JAGUAR 3	70.0	99.0	99.0	80.0	87.0
SHENANDOAH	73.3	99.0	99.0	85.0	89.1	MB 216	60.0	99.0	96.3	92.7	87.0
DLF-1	66.7	99.0	97.7	92.7	89.0	PICK FA N-93	70.0	99.0	99.0	80.0	87.0
ATF-038	70.0	99.0	99.0	88.0	89.0	PST-5E5	65.0	99.0	99.0	85.0	87.0
MB 211	70.0	99.0	99.0	88.0	89.0	SHORTSTOP II	63.3	99.0	97.7	88.0	87.0
ATF-192	71.7	99.0	99.0	85.0	88.7	SR 8210	73.3	99.0	99.0	76.7	87.0
BAR FA 6D	71.7	99.0	99.0	85.0	88.7	ZPS-2PTF	68.3	99.0	99.0	81.7	87.0
SUNPRO	75.0	99.0	99.0	81.7	88.7	PC-AO	63.3	99.0	99.0	86.3	86.9
TA-7	70.0	99.0	99.0	86.7	88.7	ARID 3 (J-98)	63.3	99.0	96.3	88.3	86.8
PST-523	73.3	99.0	99.0	83.3	88.7	PRO 8430	66.7	99.0	99.0	81.7	86.6
AA-983	66.7	99.0	99.0	89.7	88.6	ATF-253	61.7	99.0	97.7	88.0	86.6
DP 7952	71.7	99.0	97.7	85.0	88.3	BAR FA 6LV	65.0	99.0	99.0	83.3	86.6
SRX 8084	71.7	99.0	97.7	85.0	88.3	OFI-EWY	65.0	99.0	99.0	83.3	86.6
ALAMO E	65.0	99.0	97.7	91.3	88.3	PST-5TO	65.0	99.0	99.0	83.3	86.6
MB 26	65.0	99.0	97.7	91.3	88.3	AV-1	65.0	97.7	94.7	88.0	86.3

TABLE 34.
(CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS					
NAME	IN1	MO3	OK1	SC2	MEAN
WPEZE (WVPB-1C)	63.3	99.0	96.0	86.7	86.3
ISI-TF10	63.3	99.0	97.7	85.0	86.3
DP 50-9011	63.3	99.0	97.7	84.7	86.2
DUSTER	65.0	99.0	99.0	81.7	86.2
WX3-275	63.3	99.0	99.0	83.3	86.2
SRX 8500	68.3	99.0	99.0	78.3	86.2
ATF-022	60.0	99.0	99.0	86.3	86.1
ISI-TF9	66.7	99.0	97.7	80.0	85.8
JTTFC-96	68.3	97.7	99.0	78.3	85.8
OFI-951	63.3	99.0	99.0	81.7	85.8
PSII-TF-10	63.3	99.0	99.0	81.7	85.8
BAR FA6D USA	60.0	99.0	99.0	85.0	85.8
CORONADO GOLD (PST-5RT)	66.7	99.0	99.0	78.3	85.8
GAZELLE	60.0	99.0	99.0	85.0	85.8
PICK RT-95	66.7	99.0	99.0	78.3	85.8
BAR FA6 US1	65.0	99.0	97.7	80.0	85.4
COMSTOCK (SSDE31)	58.3	99.0	94.7	89.7	85.4
FINELAWN PETITE	63.3	99.0	97.7	81.7	85.4
TOMAHAWK-E	60.0	99.0	97.7	85.0	85.4
ARID 2 (J-3)	56.7	99.0	94.7	91.3	85.4
EMPRESS	63.3	99.0	99.0	80.0	85.3
PICK FA 20-92	66.7	99.0	99.0	76.7	85.3
COYOTE	60.0	99.0	99.0	83.3	85.3
PICK FA 15-92	60.0	99.0	99.0	83.3	85.3
BAR FA6 US3	60.0	99.0	97.7	83.3	85.0
LION	56.7	99.0	97.7	86.7	85.0
PST-5M5	63.3	99.0	99.0	78.3	84.9
TWILIGHT II (TMI-TW)	56.7	99.0	99.0	85.0	84.9
WVPB-1D	56.7	99.0	99.0	85.0	84.9
KENTUCKY-31 W/ENDO.	63.3	99.0	90.0	86.7	84.8
PICK FA UT-93	61.7	99.0	97.7	80.0	84.6
ARABIA (J-5)	53.3	99.0	99.0	86.3	84.4
PICK FA 6-91	58.3	99.0	96.0	83.3	84.2
BAR FA6 US6F	60.0	99.0	99.0	78.3	84.1
PICK FA XK-95	61.7	99.0	99.0	75.0	83.7
EA 41	56.7	99.0	99.0	78.3	83.3
ZPS-5LZ	53.3	99.0	99.0	80.0	82.8
LSD VALUE	13.5	0.6	3.0	14.1	4.9
C.V. (%)	12.5	0.4	1.9	10.2	7.0

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.

TABLE 35.

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA
WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA1	NAME	CA1	NAME	CA1
CROSSFIRE II	7.3	JAGUAR 3	7.0	SOUTHERN CHOICE	7.0
EMERESS	7.3	JTTFA-96	7.0	SR 8210	7.0
GAZELLE	7.3	GOOD-EN (KOOS 94-14)	7.0	SRX 8084	7.0
KITTY HAWK S.S.T. (SS45DW)	7.3	LEPRECHAUN	7.0	SRX 8500	7.0
MB 214	7.3	LION	7.0	SUNPRO	7.0
MILLENNIUM (TMI-RBR)	7.3	MASTERPIECE (LTP-SD-TF)	7.0	TA-7	7.0
OFI-96-32	7.3	MB 210	7.0	TAR HEEL	7.0
PLANTATION (PENNINGTON-1901)	7.3	MB 211	7.0	TOMAHAWK-E	7.0
ZPS-2PTF	7.3	MB 212	7.0	TULSA	7.0
ZPS-5LZ	7.3	MB 213	7.0	TWILLIGHT II (TMI-TW)	7.0
AA-983	7.0	MB 215	7.0	WOLFPACK (PST-R5TK)	7.0
ALAMO E	7.0	MB 26	7.0	WRS2	7.0
ANICHEM II (TMI-FMN)	7.0	MB 28	7.0	WVPB-1B	7.0
APACHE II	7.0	MB 29	7.0	WPEZE (WVPB-1C)	7.0
ARID 2 (J-3)	7.0	MOUSTANG II	7.0	WX3-275	7.0
ATF-022	7.0	OFI-931	7.0	ARABIA (J-5)	6.7
ATF-038	7.0	OFI-951	7.0	ARID	6.7
ATF-188	7.0	OFI-96-31	7.0	ARID 3 (J-98)	6.7
ATF-253	7.0	OFI-FWY	7.0	ATF-020	6.7
ATF-257	7.0	PC-AO	7.0	ATF-192	6.7
BANDANA (PST-R5AE)	7.0	PICK FA 15-92	7.0	ATF-196	6.7
BAR FA 6D	7.0	PICK FA 20-92	7.0	AZTEC II (TMI-AZ)	6.7
BAR FA 6LV	7.0	PICK FA 6-91	7.0	BAR FA6 US2U	6.7
BAR FA6 US1	7.0	PICK FA B-93	7.0	DLF-1	6.7
BAR FA6 US3	7.0	PICK FA N-93	7.0	DP 7952	6.7
BAR FA6 US6F	7.0	PICK FA UT-93	7.0	FALCON II	6.7
BAR FA6D USA	7.0	PICK FA XK-95	7.0	JSC-1	6.7
BONSAI	7.0	PICK GA-96	7.0	JTTFC-96	6.7
BONSAI 2000 (BULLET)	7.0	PICK RT-95	7.0	MB 216	6.7
BRAVO (RG-93)	7.0	PIXIE E+	7.0	SHENANDOAH	6.7
COCHISE II	7.0	PRO 8430	7.0	TITAN 2	6.7
CORONADO	7.0	PSII-TF-10	7.0	AV-1	6.3
CORONADO GOLD (PST-5RT)	7.0	PSII-TF-9	7.0	COMSTOCK (SSDE31)	6.3
COYOTE	7.0	EST-523	7.0	DUSTER	6.3
CU9501T	7.0	EST-5E5	7.0	MARKSMAN	6.3
CU9502T	7.0	EST-5M5	7.0	WVPB-1D	6.3
DP 50-9011	7.0	EST-5TO	7.0	KENTUCKY-31 W/ENDO.	5.3
EA 41	7.0	R5AU	7.0		
EC-101	7.0	REBEL 2000 (AA-989)	7.0	LSD VALUE	0.5
EQUINOX (TMI-N91)	7.0	REBEL SENTRY (AA-A91)	7.0		
FINELAWN PETITE	7.0	REGIMENT	7.0	C.V. (%)	4.1
GENESIS	7.0	REMBRANDT (LTP-4026 E+)	7.0		
ISI-TF10	7.0	RENEGADE	7.0		
ISI-TF11	7.0	RESERVE (ATF-182)	7.0		
ISI-TF9	7.0	SAFARI	7.0		
J-101	7.0	SHORTSTOP II	7.0		

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.

TABLE 36.

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

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

NAME	DE1	NAME	DE1	NAME	DE1
BAR FA 6LV	8.3	EA 41	7.7	ATF-020	7.3
CU9502T	8.3	EC-101	7.7	ATF-038	7.3
EQUINOX (TMI-N91)	8.3	FINELAWN PETITE	7.7	ATF-253	7.3
ISI-TF9	8.3	GAZELLE	7.7	BAR FA6 US2U	7.3
PSII-TF-10	8.3	GENESIS	7.7	BAR FA6 US6F	7.3
AA-983	8.0	J-101	7.7	BAR FA6D USA	7.3
AV-1	8.0	JAGUAR 3	7.7	COCHISE II	7.3
BAR FA 6D	8.0	JITFA-96	7.7	CORONADO	7.3
BAR FA6 US1	8.0	KENTUCKY-31 W/ENDO.	7.7	CROSSFIRE II	7.3
DP 50-9011	8.0	MB 26	7.7	DUSTER	7.3
FALCON II	8.0	MB 28	7.7	EMPRESS	7.3
ISI-TF10	8.0	MB 29	7.7	ISI-TF11	7.3
LION	8.0	MSTANG II	7.7	JSC-1	7.3
OFI-931	8.0	OFI-96-31	7.7	KITTY HAWK S.S.T. (SS45DW)	7.3
OFI-951	8.0	OFI-FWY	7.7	LEPRECHAUN	7.3
PICK GA-96	8.0	PICK FA 15-92	7.7	MARKSMAN	7.3
PICK RT-95	8.0	PICK FA B-93	7.7	MASTERPIECE (LTP-SD-TF)	7.3
PRO 8430	8.0	PICK FA N-93	7.7	MB 211	7.3
PSII-TF-9	8.0	PICK FA UT-93	7.7	MB 212	7.3
REBEL 2000 (AA-989)	8.0	PLANTATION (PENNINGTON-1901)	7.7	MB 213	7.3
REGIMENT	8.0	PST-5TO	7.7	MB 214	7.3
SRX 8084	8.0	REMBRANDT (LTP-4026 E+)	7.7	MB 215	7.3
SRX 8500	8.0	RENEGADE	7.7	MB 216	7.3
TULSA	8.0	RESERVE (ATF-182)	7.7	MILLENNIUM (TMI-RBR)	7.3
TWILIGHT II (TMI-TW)	8.0	SAFARI	7.7	PC-AO	7.3
WRS2	8.0	SHORTSTOP II	7.7	PICK FA 20-92	7.3
ZPS-5LZ	8.0	SR 8210	7.7	PICK FA XK-95	7.3
APACHE II	7.7	TA-7	7.7	PST-523	7.3
ARABIA (J-5)	7.7	TAR HEEL	7.7	PST-5E5	7.3
ARID 2 (J-3)	7.7	TITAN 2	7.7	PST-5M5	7.3
ATF-022	7.7	TOMAHAWK-E	7.7	REBEL SENTRY (AA-A91)	7.3
ATF-188	7.7	WOLFPACK (PST-R5TK)	7.7	SOUTHERN CHOICE	7.3
ATF-192	7.7	WVPB-1D	7.7	SUNPRO	7.3
ATF-196	7.7	WX3-275	7.7	WVPB-1B	7.3
ATF-257	7.7	ARID	7.5	WPEZE (WVPB-1C)	7.3
AZTEC II (TMI-AZ)	7.7	COYOTE	7.5	ZPS-2PTF	7.3
BANDANA (PST-R5AE)	7.7	JITFC-96	7.5	COMSTOCK (SSDE31)	7.0
BAR FA6 US3	7.7	GOOD-EN (KOOS 94-14)	7.5	R5AU	7.0
BONSAI	7.7	MB 210	7.5	SHENANDOAH	7.0
BONSAI 2000 (BULLET)	7.7	OFI-96-32	7.5		
BRAVO (RG-93)	7.7	PICK FA 6-91	7.5	LSD VALUE	1.1
CORONADO GOLD (PST-5RT)	7.7	PIXIE E+	7.5		
CU9501T	7.7	ALAMO E	7.3	C.V. (%)	9.0
DLF-1	7.7	ANTHEM II (TMI-FMN)	7.3		
DP 7952	7.7	ARID 3 (J-98)	7.3		

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 37.

LEAF SPOT RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/					
NAME	ME1	NAME	ME1	NAME	ME1
COYOTE	8.7	PICK FA 6-91	6.0	LION	4.7
MILLENNIUM (TMI-RBR)	8.7	PLANTATION (PENNINGTON-1901)	6.0	MARKSMAN	4.7
CU9502T	7.7	E5T-5M5	6.0	PICK FA UT-93	4.7
GAZELLE	7.7	PENEGADE	6.0	PST-5TO	4.7
PICK FA N-93	7.7	ZPS-2PTF	6.0	TAR HEEL	4.7
PRO 8430	7.7	APACHE II	5.7	TITAN 2	4.7
ZPS-5LZ	7.7	ATF-020	5.7	ATF-022	4.3
BAR FA6D USA	7.3	BAR FA6 US2U	5.7	ATF-038	4.3
MB 210	7.3	CORONADO GOLD (PST-5RT)	5.7	ATF-192	4.3
MB 214	7.3	JAGUAR 3	5.7	ATF-196	4.3
REBEL 2000 (AA-989)	7.3	PICK RT-95	5.7	BRAVO (RG-93)	4.3
REMERANDT (LTP-4026 E+)	7.3	PIXIE E+	5.7	OFI-96-32	4.3
WOLFPACK (PST-R5TK)	7.3	RESERVE (ATF-182)	5.7	PC-AO	4.3
AA-983	7.0	SHORTSTOP II	5.7	TOMAHAWK-E	4.3
GENESIS	7.0	SUNPRO	5.7	WX3-275	4.3
MB 216	7.0	AZTEC II (TMI-AZ)	5.3	ANTHEM II (TMI-FMN)	4.0
PST-5E5	7.0	BAR FA6 US1	5.3	ATF-257	4.0
SRX 8084	7.0	FALCON II	5.3	ISI-TF10	4.0
TA-7	7.0	FINELAWN PETITE	5.3	PST-523	4.0
ARABIA (J-5)	6.7	ISI-TF9	5.3	REGIMENT	4.0
BANDANA (PST-R5AE)	6.7	J-101	5.3	SRX 8500	4.0
BAR FA6 US3	6.7	JTTFA-96	5.3	TULSA	4.0
CU9501T	6.7	MB 211	5.3	TWILIGHT II (TMI-TW)	4.0
MB 215	6.7	MUSTANG II	5.3	DP 7952	3.7
MB 26	6.7	OFI-931	5.3	DUSTER	3.7
PICK GA-96	6.7	PICK FA 15-92	5.3	EA 41	3.7
WRS2	6.7	PICK FA 20-92	5.3	OFI-FWY	3.7
WVPB-1B	6.7	SAFARI	5.3	PSII-TF-10	3.7
ATF-188	6.3	SHENANDOAH	5.3	SOUTHERN CHOICE	3.7
BAR FA 6D	6.3	SR 8210	5.3	ALAMO E	3.3
CORONADO	6.3	ARID 2 (J-3)	5.0	ARID	3.3
CROSSFIRE II	6.3	ARID 3 (J-98)	5.0	AV-1	3.3
GOOD-EN (KOOS 94-14)	6.3	BAR FA6 US6F	5.0	COMSTOCK (SSDE31)	3.3
MASTERPIECE (LTP-SD-TF)	6.3	COCHISE II	5.0	JSC-1	3.3
MB 29	6.3	DP 50-9011	5.0	PICK FA XK-95	3.3
OFI-96-31	6.3	EC-101	5.0	KENTUCKY-31 W/ENDO.	3.0
PSII-TF-9	6.3	EQUINOX (TMI-N91)	5.0	WPEZE (WVPB-1C)	3.0
BAR FA 6LV	6.0	JTTF-96	5.0	DLF-1	2.7
BONSAI 2000 (BULLET)	6.0	KITTY HAWK S.S.T. (SS45DW)	5.0	REBEL SENTRY (AA-A91)	2.7
ISI-TF11	6.0	PICK FA B-93	5.0		
LEPRECHAUN	6.0	R5AU	5.0	LSD VALUE	3.1
MB 212	6.0	WVPB-1D	5.0		
MB 213	6.0	ATF-253	4.7	C.V. (%)	35.2
MB 28	6.0	BONSAI	4.7		
OFI-951	6.0	EMPRESS	4.7		

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 38.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/								MEAN
	AR1	GA1	IN1	MS1	NE1	OK1	VA1	VA4	
KENTUCKY-31 W/ENDO.	8.7	6.7	6.7	6.3	8.0	6.7	6.7	3.3	6.6
REMBRANDT (LTP-4026 E+)	9.0	4.0	7.3	6.3	8.0	7.3	6.0	3.3	6.4
ARID	8.7	5.7	6.7	6.0	7.7	6.3	6.0	3.3	6.3
JAGUAR 3	8.3	5.3	6.7	7.3	8.0	6.0	5.7	3.0	6.3
WOLFPACK (PST-R5TK)	8.7	5.3	7.3	7.0	8.0	5.7	5.3	2.7	6.3
PST-5E5	9.0	4.7	7.0	7.0	8.0	5.7	5.3	3.0	6.2
MB 211	8.7	5.3	7.0	6.0	8.0	6.3	5.7	2.7	6.2
RENEGADE	9.0	4.3	6.7	6.7	7.7	5.7	6.7	2.7	6.2
ATF-020	8.3	4.7	7.0	6.7	8.0	5.3	5.7	3.3	6.1
MUSTANG II	6.7	5.0	6.7	7.0	8.0	7.0	5.7	3.0	6.1
PST-523	6.7	5.3	6.3	8.0	8.0	5.7	6.0	3.0	6.1
CU9502T	8.7	5.3	6.0	6.3	8.0	5.3	5.7	3.3	6.1
ATF-022	8.0	4.7	5.0	8.0	8.0	5.7	6.3	2.7	6.0
MILLENNIUM (TMI-RBR)	8.0	5.0	6.7	5.0	8.0	7.0	5.0	3.7	6.0
PICK RT-95	9.0	4.3	7.7	6.0	8.0	6.3	4.7	2.3	6.0
ARID 3 (J-98)	8.7	4.3	6.3	6.3	8.0	5.7	6.0	3.0	6.0
BAR FA6 US2U	8.0	4.0	7.0	6.3	8.0	6.0	5.7	3.3	6.0
CROSSFIRE II	8.3	4.7	7.3	6.0	8.0	5.7	6.0	2.3	6.0
PLANTATION (PENNINGTON-1901)	9.0	5.0	6.3	6.0	8.0	6.0	5.0	3.0	6.0
ATF-038	8.3	4.0	7.0	5.3	8.0	5.7	6.3	3.3	6.0
MB 29	8.7	5.0	6.7	6.0	8.0	5.7	5.3	2.7	6.0
TAR HEEL	7.7	4.3	7.7	6.3	7.0	5.7	6.7	2.7	6.0
ATF-257	8.3	4.7	6.7	5.0	7.7	6.0	6.0	3.3	6.0
CU9501T	7.7	4.3	6.7	6.7	8.0	6.3	5.0	3.0	6.0
JTTFA-96	7.3	4.3	6.3	5.7	8.0	6.7	6.3	3.0	6.0
R5AU	9.0	4.7	7.0	5.0	8.0	6.3	5.0	2.7	6.0
BAR FA6 US3	7.3	4.3	6.7	5.0	8.0	7.3	5.7	3.3	6.0
WPEZE (WVPB-1C)	7.7	4.3	6.0	6.3	8.0	6.0	6.3	3.0	6.0
WX3-275	8.3	4.7	6.0	7.3	8.0	6.3	4.3	2.7	6.0
SAFARI	7.7	4.0	7.7	6.7	8.0	5.7	4.3	3.3	5.9
DLF-1	7.0	4.3	6.3	6.7	8.0	6.3	6.0	2.7	5.9
TITAN 2	9.0	4.0	6.7	5.0	8.0	5.7	5.3	3.3	5.9
COYOTE	7.7	4.0	6.0	7.3	8.0	6.0	5.7	2.3	5.9
MARKSMAN	8.7	4.7	6.7	5.7	8.0	4.7	6.0	2.7	5.9
WVPB-1B	8.0	4.7	7.7	6.0	8.0	5.7	4.3	2.7	5.9
ISI-TF9	8.3	4.0	5.7	5.7	8.0	6.0	6.0	3.0	5.8
DP 50-9011	6.7	3.7	7.7	6.0	7.7	6.7	5.7	2.7	5.8
MASTERPIECE (LTP-SD-TF)	9.0	4.0	7.3	4.3	8.0	5.0	5.7	3.3	5.8
OFI-FWY	8.0	4.7	6.7	6.0	8.0	6.0	4.7	2.7	5.8
REBEL 2000 (AA-989)	7.7	5.0	6.3	6.0	7.7	5.0	5.7	3.3	5.8
SHENANDOAH	8.0	3.7	6.0	7.0	8.0	6.0	4.7	3.3	5.8
AA-983	7.7	3.7	6.3	6.7	8.0	6.0	5.7	2.3	5.8
ATF-192	7.0	4.7	6.0	6.3	8.0	6.3	5.0	3.0	5.8
BAR FA6D USA	8.3	3.7	5.7	6.0	8.0	7.0	5.0	2.7	5.8
FALCON II	8.3	4.0	5.0	7.3	8.0	6.0	5.0	2.7	5.8

TABLE 38.
(CONT'D)BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE								
	AR1	GA1	IN1	MS1	NE1	OK1	VA1	VA4	MEAN
JSC-1	7.3	4.3	6.0	6.7	8.0	5.0	6.0	3.0	5.8
SOUTHERN CHOICE	8.0	3.7	7.0	6.3	7.7	5.0	6.0	2.7	5.8
ZPS-2PTF	7.3	5.3	6.0	4.3	8.0	7.0	5.7	2.7	5.8
OFI-96-32	8.0	5.0	6.0	5.7	8.0	5.3	5.3	2.7	5.8
BANDANA (PST-R5AE)	7.3	4.3	7.0	7.0	8.0	5.3	4.0	3.0	5.8
ATF-253	6.0	4.7	6.0	6.3	8.0	5.7	5.7	3.7	5.8
JTTFC-96	9.0	4.3	4.7	5.3	8.0	6.0	5.7	3.0	5.8
GOOD-EN (KOGS 94-14)	7.7	4.0	5.3	5.3	8.0	6.3	6.7	2.7	5.8
ISI-TF11	8.3	4.3	5.3	5.0	7.7	5.7	6.3	3.0	5.7
OFI-931	8.0	4.3	6.3	5.3	8.0	6.0	4.3	3.3	5.7
TA-7	8.0	4.0	5.7	5.3	8.0	6.0	5.3	3.3	5.7
PST-5M5	8.3	4.3	6.3	5.0	8.0	5.7	5.0	3.0	5.7
DP 7952	6.7	5.0	7.0	3.0	8.0	6.0	6.0	3.7	5.7
GENESIS	8.0	3.7	5.7	6.7	8.0	5.3	5.3	2.7	5.7
OFI-96-31	6.7	4.3	6.7	4.3	8.0	6.3	6.0	3.0	5.7
MB 28	8.0	4.7	5.3	6.0	8.0	5.7	5.0	2.7	5.7
RESERVE (ATF-182)	6.3	4.7	5.7	4.7	8.0	6.7	5.7	3.7	5.7
WRS2	7.0	4.0	7.0	5.7	8.0	6.3	4.7	2.7	5.7
LION	7.7	3.7	6.7	5.7	8.0	5.7	5.3	2.3	5.6
ATF-196	7.0	4.3	5.7	6.3	8.0	6.3	5.0	2.3	5.6
FINELAWN PETITE	8.0	4.0	6.7	5.0	8.0	5.3	5.3	2.7	5.6
TWILIGHT II (TMI-TW)	7.0	3.7	6.7	6.7	7.7	6.3	4.7	2.3	5.6
EC-101	7.7	4.3	6.0	3.7	8.0	6.0	6.0	3.0	5.6
COMSTOCK (SSDE31)	8.7	3.3	6.0	5.3	8.0	5.0	5.3	3.0	5.6
CORONADO GOLD (PST-5RT)	8.3	3.3	5.3	6.3	8.0	5.7	5.0	2.7	5.6
ISI-TF10	7.3	4.0	5.7	5.3	8.0	6.3	5.3	2.7	5.6
J-101	8.3	4.7	5.3	4.0	8.0	6.0	5.3	3.0	5.6
MB 210	7.3	4.0	5.7	5.7	8.0	5.3	5.7	3.0	5.6
MB 212	7.7	4.3	5.7	6.0	7.3	5.7	5.7	2.3	5.6
MB 26	7.0	4.0	5.3	6.0	8.0	6.3	4.7	3.3	5.6
WVPB-1D	8.0	3.7	5.7	5.7	8.0	5.7	5.7	2.3	5.6
PIXIE E+	7.7	4.7	6.0	3.7	8.0	5.3	6.0	3.0	5.5
AZTEC II (TMI-AZ)	8.0	4.0	6.3	5.3	7.3	6.7	4.0	2.7	5.5
EA 41	8.0	4.3	5.0	4.3	8.0	6.3	5.7	2.7	5.5
SRX 8084	7.7	4.0	5.7	5.7	8.0	6.0	4.7	2.7	5.5
BAR FA6 US1	7.0	3.7	6.0	6.7	8.0	5.3	5.3	2.0	5.5
CORONADO	8.3	3.3	5.0	5.7	8.0	5.0	5.7	3.0	5.5
PSII-TF-10	7.0	3.0	5.7	7.3	8.0	5.7	4.3	3.0	5.5
DUSTER	6.7	4.0	6.0	6.0	8.0	4.7	5.3	3.0	5.5
PICK FA B-93	6.7	4.7	6.3	4.3	8.0	6.0	4.3	3.3	5.5
MB 216	7.3	4.7	5.0	6.3	7.0	5.3	5.0	3.0	5.5
PC-AO	6.7	3.7	6.0	5.7	8.0	6.0	5.0	2.7	5.5
PSII-TF-9	7.7	4.7	5.7	6.0	8.0	4.7	4.7	2.3	5.5
ATF-188	6.7	4.3	5.0	4.7	7.7	6.0	5.3	3.7	5.4
REGIMENT	7.7	4.7	5.7	5.0	7.7	6.0	4.0	2.7	5.4
TULSA	7.7	4.3	6.0	4.7	8.0	6.7	3.3	2.7	5.4

TABLE 38.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1997 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE								
	AR1	GA1	IN1	MS1	NE1	OK1	VA1	VA4	MEAN
BONSAI 2000 (BULLET)	6.7	4.0	5.7	3.7	7.7	6.3	6.0	3.0	5.4
KITTY HAWK S.S.T. (SS45DW)	7.0	3.7	6.0	6.0	8.0	5.3	4.3	2.7	5.4
LEPRECHAUN	8.0	4.0	5.3	5.0	8.0	4.7	5.0	3.0	5.4
PST-5TO	8.3	3.3	6.7	4.7	8.0	5.3	4.0	2.7	5.4
SUNPRO	7.7	3.7	6.0	4.7	8.0	5.3	4.7	3.0	5.4
ANTHEM II (IMI-FMN)	7.7	4.0	6.3	4.3	8.0	6.0	4.0	2.7	5.4
ARABIA (J-5)	7.7	4.3	4.3	4.0	8.0	6.3	5.7	2.7	5.4
MB 213	8.3	4.0	6.7	3.3	8.0	5.0	4.7	3.0	5.4
PICK FA 6-91	6.7	5.0	5.7	5.7	8.0	5.7	4.0	2.0	5.3
BRAVO (RG-93)	8.3	3.7	6.0	4.7	8.0	4.7	4.7	2.7	5.3
BAR FA 6LV	6.3	3.7	5.0	5.3	8.0	5.7	5.3	3.0	5.3
MB 214	8.0	3.3	5.0	6.0	6.7	5.3	5.3	2.7	5.3
PRO 8430	7.3	3.7	5.7	4.0	8.0	6.0	4.7	3.0	5.3
EMPRESS	7.3	3.7	5.3	6.0	8.0	4.7	4.7	2.7	5.3
PICK FA XK-95	7.3	3.7	4.7	5.3	8.0	5.7	4.7	3.0	5.3
BAR FA 6D	6.7	3.3	5.7	5.7	7.7	5.7	4.7	2.3	5.2
COCHISE II	6.7	4.3	5.3	3.7	8.0	5.3	5.3	3.0	5.2
APACHE II	7.7	3.7	3.7	4.0	8.0	6.0	5.7	3.0	5.2
BAR FA6 US6F	7.0	4.0	6.0	2.7	8.0	5.7	5.7	2.3	5.2
MB 215	8.0	3.0	4.7	3.7	8.0	6.0	4.7	3.3	5.2
BONSAI	7.0	3.7	7.0	2.7	8.0	5.0	5.3	2.7	5.2
REBEL SENTRY (AA-A91)	5.7	4.3	5.7	4.3	7.7	5.7	4.7	3.0	5.1
ZPS-5LZ	8.0	3.0	4.3	5.0	8.0	5.3	4.3	2.7	5.1
TOMAHAWK-E	7.0	3.0	5.7	6.0	6.7	5.3	4.0	2.7	5.0
SRX 8500	7.0	4.3	5.0	3.7	7.7	5.0	4.0	3.3	5.0
EQUINOX (TMI-N91)	6.3	3.7	6.0	4.0	7.3	5.7	4.3	2.7	5.0
ARID 2 (J-3)	6.3	4.0	5.3	2.7	8.0	6.0	5.0	2.7	5.0
PICK FA 20-92	6.7	3.7	5.7	4.0	8.0	5.3	4.0	2.3	5.0
AV-1	6.3	3.3	6.3	4.3	7.7	5.0	4.7	2.0	5.0
ALAMO E	6.0	3.0	4.3	5.7	8.0	5.3	4.0	3.0	4.9
PICK GA-96	5.7	3.7	5.0	4.0	7.7	6.3	4.3	2.7	4.9
GAZELLE	6.3	3.7	5.7	4.3	8.0	4.3	4.3	2.3	4.9
PICK FA 15-92	5.7	3.7	7.7	1.7	8.0	5.7	3.3	2.7	4.8
PICK FA N-93	6.0	3.0	5.3	3.0	8.0	5.7	4.0	3.0	4.8
SHORTSTOP II	5.3	3.3	5.3	3.3	8.0	6.0	4.0	2.7	4.8
OFI-951	6.0	3.3	4.7	4.0	8.0	5.0	3.7	3.0	4.7
PICK FA UT-93	4.0	3.0	5.0	2.7	8.0	6.3	3.7	3.7	4.5
SR 8210	5.7	2.7	3.7	4.3	8.0	5.3	4.0	2.3	4.5
LSD VALUE	2.3	1.5	2.6	2.9	0.7	1.6	1.6	0.9	0.7
C.V. (%)	18.9	22.2	27.1	33.7	5.7	17.0	19.2	19.7	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.

TABLE 39.

PYTHIUM BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	KS2	NAME	KS2	NAME	KS2
TOMAHAWK-E	7.3	GENESIS	4.7	BAR FA6 US2U	3.3
KENTUCKY-31 W/ENDO.	7.0	MB 213	4.7	COYOTE	3.3
AV-1	6.7	MB 214	4.7	CROSSFIRE II	3.3
ISI-TF10	6.7	MB 26	4.7	EC-101	3.3
JSC-1	6.7	PICK FA 20-92	4.7	MB 211	3.3
KITTY HAWK S.S.T. (SS45DW)	6.7	WRS2	4.7	PICK FA 15-92	3.3
RENEGADE	6.7	ANTHEM II (TMI-FMN)	4.3	EST-523	3.3
DP 7952	6.3	BAR FA6 US3	4.3	REBEL SENTRY (AA-A91)	3.3
JTFC-96	6.3	BONSAI 2000 (BULLET)	4.3	TA-7	3.3
GOOD-EN (KOOS 94-14)	6.3	EA 41	4.3	WPEZE (WVPB-1C)	3.3
CFI-931	6.3	EQUINOX (TMI-N91)	4.3	DUSTER	3.0
FALCON II	6.0	MB 212	4.3	MB 215	3.0
FINELAWN PETITE	6.0	PC-AO	4.3	MILLENNIUM (TMI-RBR)	3.0
PRO 8430	6.0	PICK RT-95	4.3	SRX 8500	3.0
SAFARI	6.0	SHENANDOAH	4.3	SUNPRO	3.0
APACHE II	5.7	SR 8210	4.3	TULSA	3.0
CJ9502T	5.7	SRX 8084	4.3	AA-983	2.7
DLF-1	5.7	TITAN 2	4.3	ATF-188	2.7
LEPRECHAUN	5.7	WVPB-1D	4.3	ATF-192	2.7
MASTERPIECE (LTP-SD-TF)	5.7	ZPS-2PTF	4.3	ATF-257	2.7
PICK FA 6-91	5.7	ARID	4.0	BANDANA (PST-R5AE)	2.7
EST-5E5	5.7	BAR FA6 US6F	4.0	CFI-951	2.7
WVPB-1B	5.7	BRAVO (RG-93)	4.0	PIXIE E+	2.7
BAR FA 6D	5.3	COMSTOCK (SSDE31)	4.0	R5AU	2.7
BAR FA6D USA	5.3	CORONADO GOLD (PST-5RT)	4.0	SOUTHERN CHOICE	2.7
DP 50-9011	5.3	CJ9501T	4.0	WOLFPACK (PST-R5TK)	2.7
MB 210	5.3	EMPRESS	4.0	JTFA-96	2.3
MB 216	5.3	ISI-TF11	4.0	REMBRANDT (LTP-4026 E+)	2.3
MB 29	5.3	ISI-TF9	4.0	ZPS-5LZ	2.3
WK3-275	5.3	JAGUAR 3	4.0	J-101	2.0
ALAMO E	5.0	MB 28	4.0	MUSTANG II	2.0
BAR FA6 US1	5.0	PSII-TF-9	4.0	PICK FA B-93	2.0
BONSAI	5.0	RESERVE (ATF-182)	4.0	PICK FA UT-93	2.0
CORONADO	5.0	TAR HEEL	4.0	REGIMENT	2.0
MARKSMAN	5.0	TWILIGHT II (TMI-TW)	4.0	SHORTSTOP II	2.0
CFI-96-31	5.0	ARID 3 (J-98)	3.7	PLANTATION (PENNINGTON-1901)	1.7
CFI-96-32	5.0	COCHISE II	3.7	GAZELLE	1.3
CFI-FWY	5.0	LION	3.7	PICK GA-96	1.3
PSII-TF-10	5.0	PICK FA N-93	3.7	REBEL 2000 (AA-989)	1.0
EST-5M5	5.0	PICK FA XK-95	3.7		
EST-5TO	5.0	ARID 2 (J-3)	3.3	ISD VALUE	3.3
ARABIA (J-5)	4.7	ATF-020	3.3		
ATF-253	4.7	ATF-022	3.3	C.V. (%)	48.5
AZTEC II (TMI-AZ)	4.7	ATF-038	3.3		
BAR FA 6LV	4.7	ATF-196	3.3		

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 40.

VERTICAL GROWTH RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	KS2	NJ1	MEAN	NAME	KS2	NJ1	MEAN
PICK FA N-93	6.7	8.3	7.5	MB 215	3.7	6.3	5.0
PICK FA UT-93	5.7	8.0	6.8	REBEL 2000 (AA-989)	4.0	6.0	5.0
ZPS-5LZ	6.0	7.7	6.8	TWILIGHT II (TMI-TW)	3.7	6.3	5.0
GAZELLE	5.7	7.3	6.5	WRS2	4.0	6.0	5.0
SHORTSTOP II	5.0	8.0	6.5	ZPS-2PTF	3.7	6.3	5.0
BAR FA6 US1	4.7	8.0	6.3	BAR FA 6LV	3.0	6.7	4.8
AA-983	5.0	7.3	6.2	LEPRECHAUN	3.0	6.7	4.8
SRX 8500	5.0	7.3	6.2	MB 213	3.0	6.7	4.8
ARABIA (J-5)	4.7	7.3	6.0	ATF-188	3.7	6.0	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	GOOD-EN (KOOS 94-14)	3.3	6.3	4.8
PICK FA XK-95	4.3	7.7	6.0	MB 211	3.3	6.3	4.8
BAR FA6 US3	4.7	7.0	5.8	PRO 8430	3.7	6.0	4.8
OFI-951	4.7	7.0	5.8	PST-523	3.7	6.0	4.8
PICK FA 6-91	4.7	7.0	5.8	PST-5E5	3.7	6.0	4.8
BAR FA6D USA	4.7	6.7	5.7	REMBRANDT (LTP-4026 E+)	3.3	6.3	4.8
PICK FA B-93	4.7	6.7	5.7	ISI-TF10	3.3	6.0	4.7
ARID 3 (J-98)	4.3	7.0	5.7	MB 216	3.3	6.0	4.7
PICK FA 20-92	4.0	7.3	5.7	MB 29	3.3	6.0	4.7
ATF-020	4.3	6.7	5.5	PST-5M5	3.3	6.0	4.7
MB 214	4.0	7.0	5.5	EMPRESS	3.0	6.3	4.7
PICK GA-96	4.3	6.7	5.5	ATF-022	3.0	6.0	4.5
PICK RT-95	4.7	6.3	5.5	CROSSFIRE II	3.0	6.0	4.5
SUNPRO	4.3	6.7	5.5	MILLENNIUM (TMI-RBR)	3.7	5.3	4.5
BAR FA 6D	4.3	6.3	5.3	OFI-931	3.0	6.0	4.5
BONSAI	3.7	7.0	5.3	OFI-96-31	3.3	5.7	4.5
COCHISE II	4.3	6.3	5.3	OFI-FWY	3.0	6.0	4.5
CORONADO	4.3	6.3	5.3	PLANTATION (PENNINGTON-1901)	3.3	5.7	4.5
RESERVE (ATF-182)	4.3	6.3	5.3	REBEL SENTRY (AA-A91)	3.3	5.7	4.5
ATF-192	3.3	7.0	5.2	ALAMO E	3.0	5.7	4.3
ATF-196	3.7	6.7	5.2	JAGUAR 3	3.0	5.7	4.3
CORONADO GOLD (PST-5RT)	3.3	7.0	5.2	MB 210	3.0	5.7	4.3
COYOTE	3.7	6.7	5.2	PST-5TO	3.0	5.7	4.3
EA 41	3.7	6.7	5.2	GENESIS	3.7	5.0	4.3
ESII-TF-10	3.3	7.0	5.2	TULSA	3.3	5.3	4.3
TAR HEEL	4.7	5.7	5.2	WX3-275	2.7	6.0	4.3
ARID 2 (J-3)	4.0	6.3	5.2	ANTHEM II (TMI-FMN)	2.7	5.7	4.2
J-101	4.0	6.3	5.2	CU9501T	3.3	5.0	4.2
MASTERPIECE (LTP-SD-TF)	4.0	6.3	5.2	FINELAWN PETITE	2.7	5.7	4.2
TOMAHAWK-E	4.0	6.3	5.2	KITTY HAWK S.S.T. (SS45DW)	3.3	5.0	4.2
APACHE II	3.7	6.3	5.0	MB 28	2.7	5.7	4.2
ATF-038	3.7	6.3	5.0	WOLFPACK (PST-R5TK)	2.7	5.7	4.2
BAR FA6 US6F	4.3	5.7	5.0	OFI-96-32	3.0	5.3	4.2
LIION	3.7	6.3	5.0	SOUTHERN CHOICE	3.0	5.3	4.2

TABLE 40. VERTICAL GROWTH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) 1997 DATA

VERTICAL GROWTH RATINGS 1-9; 9=LEAST GROWTH

NAME	KS2	NJ1	MEAN
SRX 8084	3.0	5.3	4.2
AZTEC II (TMI-AZ)	2.7	5.3	4.0
DUSTER	3.0	5.0	4.0
MUSTANG II	3.0	5.0	4.0
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
TA-7	3.3	4.7	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
EC-101	2.7	4.7	3.7
ISI-TF9	2.7	4.7	3.7
MB 212	2.7	4.7	3.7
WPEZE (WVPB-1C)	2.3	5.0	3.7
COMSTOCK (SSDE31)	2.0	5.3	3.7
JTTFA-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
WVPB-1D	2.3	4.3	3.3
JTFC-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.

TABLE 41.

ESTABLISHMENT DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	NJ1	NAME	NJ1	NAME	NJ1
R5AU	8.7	REMBRANDT (LTP-4026 E+)	6.3	PICK RT-95	5.0
SAFARI	8.7	SRX 8084	6.3	SUNPRO	5.0
TITAN 2	8.7	ATF-038	6.0	TWILIGHT II (TMI-TW)	5.0
FALCON II	8.3	JAGUAR 3	6.0	ARID 3 (J-98)	4.7
MILLENNIUM (TMI-RBR)	8.3	OFI-96-32	6.0	ATF-253	4.7
AZTEC II (TMI-AZ)	8.0	PST-523	6.0	BANDANA (PST-R5AE)	4.7
KENTUCKY-31 W/ENDO.	8.0	TAR HEEL	6.0	COYOTE	4.7
SR 8210	8.0	TULSA	6.0	KITTY HAWK S.S.T. (SS45DW)	4.7
ARID	7.7	WPB-1B	6.0	PST-5M5	4.7
GENESIS	7.7	ATF-257	5.7	RESERVE (ATF-182)	4.7
MARKSMAN	7.7	BAR FA6 US6F	5.7	WOLFPACK (PST-R5TK)	4.7
PLANTATION (PENNINGTON-1901)	7.7	BAR FA6D USA	5.7	COMSTOCK (SSDE31)	4.3
RENEGADE	7.7	DUSTER	5.7	CROSSFIRE II	4.3
SHENANDOAH	7.7	MB 26	5.7	GAZELLE	4.3
BAR FA 6D	7.3	MB 29	5.7	JSC-1	4.3
BAR FA 6LV	7.3	OFI-FWY	5.7	PSII-TF-10	4.3
CU9501T	7.3	PICK FA 20-92	5.7	ZPS-5LZ	4.3
DP 7952	7.3	PST-5E5	5.7	ATF-196	4.0
MB 212	7.3	SOUTHERN CHOICE	5.7	BONSAI	4.0
MB 216	7.3	WX3-275	5.7	COCHISE II	4.0
OFI-931	7.3	ATF-022	5.3	EMPRESS	4.0
REGIMENT	7.3	ATF-188	5.3	GOOD-EN (KOOS 94-14)	4.0
ANTHEM II (TMI-FMN)	7.0	BAR FA6 US3	5.3	MB 211	4.0
LEPRECHAUN	7.0	DP 50-9011	5.3	PRO 8430	4.0
REBEL 2000 (AA-989)	7.0	FINELAWN PETITE	5.3	SHORTSTOP II	4.0
TA-7	7.0	JTTFA-96	5.3	AA-983	3.7
ALAMO E	6.7	MB 214	5.3	ATF-020	3.7
APACHE II	6.7	MB 215	5.3	AV-1	3.7
BRAVO (RG-93)	6.7	PC-AO	5.3	PICK FA UT-93	3.7
CU9502T	6.7	SRX 8500	5.3	PICK FA XK-95	3.7
EQUINOX (TMI-N91)	6.7	WRS2	5.3	ARID 2 (J-3)	3.3
ISI-TF9	6.7	WPEZE (WVPB-1C)	5.3	BAR FA6 US1	3.3
MB 213	6.7	ATF-192	5.0	CORONADO GOLD (PST-5RT)	3.3
MB 28	6.7	BAR FA6 US2U	5.0	PST-5TO	3.3
OFI-96-31	6.7	DLF-1	5.0	MASTERPIECE (LTP-SD-TF)	3.0
PICK FA B-93	6.7	EA 41	5.0	TOMAHAWK-E	3.0
REBEL SENTRY (AA-A91)	6.7	EC-101	5.0	ARABIA (J-5)	2.7
WVFB-1D	6.7	ISI-TF10	5.0	PICK FA 15-92	2.7
ZPS-2PTF	6.7	J-101	5.0	PICK FA N-93	2.0
BONSAI 2000 (BULLET)	6.3	JTTFC-96	5.0		
CORONADO	6.3	LION	5.0	LSD VALUE	2.5
ISI-TF11	6.3	MB 210	5.0		
MUSTANG II	6.3	OFI-951	5.0	C.V. (%)	28.1
PIXIE E+	6.3	PICK FA 6-91	5.0		
PSII-TF-9	6.3	PICK GA-96	5.0		

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

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

TABLE 42.

FALL COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA

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

NAME	NY1	NAME	NY1	NAME	NY1
BAR FA6 US1	8.0	EC-101	7.3	SR 8210	7.0
COYOTE	8.0	EMPRESS	7.3	SRX 8084	7.0
CROSSFIRE II	8.0	ISI-TF10	7.3	SRX 8500	7.0
MB 214	8.0	J-101	7.3	TAR HEEL	7.0
MB 29	8.0	LION	7.3	WOLFPACK (PST-R5TK)	7.0
PICK FA 15-92	8.0	MARKSMAN	7.3	WVPB-1B	7.0
PICK GA-96	8.0	MASTERPIECE (LTP-SD-TF)	7.3	WPEZE (WVPB-1C)	7.0
PLANTATION (PENNINGTON-1901)	8.0	MB 211	7.3	ANTHEM II (TMI-FMN)	6.7
REBEL 2000 (AA-989)	8.0	MB 26	7.3	ATF-022	6.7
REMBRANDT (LTP-4026 E+)	8.0	MILLENNIUM (TMI-RBR)	7.3	COMSTOCK (SSDE31)	6.7
WX3-275	8.0	OFI-931	7.3	FINELAWN PETITE	6.7
ATF-192	7.7	OFI-96-31	7.3	ISI-TF11	6.7
BAR FA6 US3	7.7	PICK FA UT-93	7.3	ISI-TF9	6.7
BAR FA6D USA	7.7	PICK FA XK-95	7.3	JAGUAR 3	6.7
BONSAI 2000 (BULLET)	7.7	PSII-TF-10	7.3	JTTFC-96	6.7
COCHISE II	7.7	PSII-TF-9	7.3	KITTY HAWK S.S.T. (SS45DW)	6.7
COFONADO GOLD (PST-5RT)	7.7	RENEGADE	7.3	LEPRECHAUN	6.7
GAZELLE	7.7	RESERVE (ATF-182)	7.3	MB 216	6.7
GENESIS	7.7	SUNPRO	7.3	PICK FA 20-92	6.7
MB 210	7.7	AA-983	7.0	PIXIE E+	6.7
MB 212	7.7	ALAMO E	7.0	PRO 8430	6.7
MB 213	7.7	ATF-020	7.0	PST-523	6.7
MB 215	7.7	ATF-038	7.0	PST-5TO	6.7
MB 28	7.7	ATF-196	7.0	R5AU	6.7
OFI-951	7.7	ATF-257	7.0	SOUTHERN CHOICE	6.7
OFI-96-32	7.7	BAR FA 6D	7.0	TOMAHAWK-E	6.7
PICK FA 6-91	7.7	BAR FA 6LV	7.0	ZPS-2PTF	6.7
PICK FA B-93	7.7	BAR FA6 US2U	7.0	AZTEC II (TMI-AZ)	6.3
PST-5E5	7.7	BRAVO (RG-93)	7.0	BONSAI	6.3
SHORTSTOP II	7.7	CORONADO	7.0	DLF-1	6.3
TA-7	7.7	CU9502T	7.0	DP 50-9011	6.3
TULSA	7.7	DUSTER	7.0	JTTFA-96	6.3
TWILIGHT II (TMI-TW)	7.7	EQUINOX (TMI-N91)	7.0	GOOD-EN (KOOS 94-14)	6.3
WRS2	7.7	FALCON II	7.0	WVPB-1D	6.3
ZPS-5LZ	7.7	JSC-1	7.0	AV-1	6.0
APACHE II	7.3	MUSTANG II	7.0	TITAN 2	6.0
ARABIA (J-5)	7.3	OFI-FWY	7.0	ARID	5.3
ARID 2 (J-3)	7.3	PC-AO	7.0	DP 7952	5.3
ARID 3 (J-98)	7.3	PICK FA N-93	7.0	KENTUCKY-31 W/ENDO.	5.0
ATF-188	7.3	PICK RT-95	7.0		
ATF-253	7.3	EST-5M5	7.0	LSD VALUE	1.1
BANDANA (PST-R5AE)	7.3	REBEL SENTRY (AA-A91)	7.0		
BAR FA6 US6F	7.3	REGIMENT	7.0	C.V. (%)	9.3
CU9501T	7.3	SAFARI	7.0		
EA 41	7.3	SHENANDOAH	7.0		

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.

TABLE 43.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
1997 DATA 2/

NAME	SC2	NAME	SC2	NAME	SC2
ARID	51.7	MB 211	41.7	ISI-TF11	38.3
CU9501T	51.7	MB 212	41.7	ISI-TF9	38.3
REMBRANDT (LTP-4026 E+)	50.0	MB 213	41.7	JSC-1	38.3
ARID 3 (J-98)	48.3	MB 214	41.7	KENTUCKY-31 W/ENDO.	38.3
CU9502T	48.3	MB 28	41.7	LEPRECHAUN	38.3
PIXIE E+	48.3	OFI-96-32	41.7	MASTERPIECE (LTP-SD-TF)	38.3
REGIMENT	48.3	PICK FA 15-92	41.7	OFI-931	38.3
ALAMO E	46.7	PICK FA 6-91	41.7	OFI-951	38.3
ARID 2 (J-3)	46.7	PICK FA UT-93	41.7	PICK FA 20-92	38.3
ATF-196	46.7	PLANTATION (PENNINGTON-1901)	41.7	PRO 8430	38.3
ATF-253	46.7	R5AU	41.7	PST-523	38.3
ATF-257	46.7	SAFARI	41.7	SR 8210	38.3
DP 7952	46.7	TWILIGHT II (TMI-TW)	41.7	SRX 8500	38.3
MB 29	46.7	WRS2	41.7	TAR HEEL	38.3
ANTHEM II (TMI-FMN)	45.0	WVPB-1B	41.7	TOMAHAWK-E	38.3
ATF-020	45.0	APACHE II	40.0	WPEZE (WVPB-1C)	38.3
ATF-022	45.0	BAR FA 6LV	40.0	WVPB-1D	38.3
ATF-038	45.0	BAR FA6D USA	40.0	ZPS-2PTF	38.3
ATF-192	45.0	COCHISE II	40.0	BAR FA6 US1	36.7
MB 26	45.0	CORONADO	40.0	BAR FA6 US3	36.7
MILLENNIUM (TMI-RBR)	45.0	ISI-TF10	40.0	BAR FA6 US6F	36.7
MUSTANG II	45.0	KITTY HAWK S.S.T. (SS45DW)	40.0	CORONADO GOLD (PST-5RT)	36.7
REBEL 2000 (AA-989)	45.0	MARKSMAN	40.0	FINELAWN PETITE	36.7
REBEL SENTRY (AA-A91)	45.0	OFI-96-31	40.0	GAZELLE	36.7
RESERVE (ATF-182)	45.0	OFI-FWY	40.0	JAGUAR 3	36.7
SHORTSTOP II	45.0	FC-AO	40.0	JTTFA-96	36.7
TULSA	45.0	PICK FA N-93	40.0	JTTFC-96	36.7
AA-983	43.3	PICK GA-96	40.0	PICK FA XK-95	36.7
ARABIA (J-5)	43.3	PSII-TF-10	40.0	PICK RT-95	36.7
BONSAI 2000 (BULLET)	43.3	PSII-TF-9	40.0	PST-5E5	36.7
DLF-1	43.3	RENEGADE	40.0	PST-5M5	36.7
DP 50-9011	43.3	SRX 8084	40.0	PST-5TO	36.7
J-101	43.3	TA-7	40.0	SUNPRO	36.7
GOOD-EN (KOOS 94-14)	43.3	WX3-275	40.0	TITAN 2	36.7
MB 210	43.3	AV-1	38.3	WOLFPACK (PST-R5TK)	36.7
MB 215	43.3	BANDANA (PST-R5AE)	38.3	ZPS-5LZ	36.7
MB 216	43.3	BAR FA6 US2U	38.3	LIION	35.0
PICK FA B-93	43.3	BONSAI	38.3		
SHENANDOAH	43.3	HRAVO (RG-93)	38.3		
SOUTHERN CHOICE	43.3	COMSTOCK (SSDE31)	38.3		
ATF-188	41.7	COYOTE	38.3	LSD VALUE	10.8
AZTEC II (TMI-AZ)	41.7	CROSSFIRE II	38.3	C.V. (%)	16.3
BAR FA 6D	41.7	DUSTER	38.3		
EQUINOX (TMI-N91)	41.7	EA 41	38.3		
FALCON II	41.7	EC-101	38.3		
GENESIS	41.7	EMPRESS	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 44.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT GRIFFIN, GA 2/
1997 DATA

NAME	ESTABLISHMENT AFTER SEEDING			NAME	ESTABLISHMENT AFTER SEEDING		
	3 WEEKS	10 WEEKS	MEAN		3 WEEKS	10 WEEKS	MEAN
ATF-257	48.3	70.0	59.2	MUSTANG II	31.7	66.7	49.2
BRAVO (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	PST-5E5	31.7	66.7	49.2
TITAN 2	43.3	68.3	55.8	R5AU	31.7	66.7	49.2
ANTHEM II (TMI-FMN)	40.0	70.0	55.0	TA-7	31.7	66.7	49.2
BONSAI 2000 (BULLET)	38.3	71.7	55.0	WPEZE (WVPB-1C)	35.0	63.3	49.2
REMBRANDT (LTP-4026 E+)	33.3	76.7	55.0	APACHE II	36.7	60.0	48.3
RESERVE (ATF-182)	38.3	71.7	55.0	ATF-038	33.3	63.3	48.3
AZTEC II (TMI-AZ)	36.7	71.7	54.2	BAR FA6 US6F	31.7	65.0	48.3
GENESIS	35.0	73.3	54.2	BONSAI	28.3	68.3	48.3
WX3-275	38.3	70.0	54.2	CU9501T	30.0	66.7	48.3
EQUINOX (TMI-N91)	40.0	66.7	53.3	FINELAWN PETITE	33.3	63.3	48.3
KENTUCKY-31 W/ENDO.	33.3	73.3	53.3	GAZELLE	30.0	66.7	48.3
MASTERPIECE (LTP-SD-TF)	36.7	70.0	53.3	JTTFA-96	28.3	68.3	48.3
REBEL SENTRY (AA-A91)	38.3	68.3	53.3	JTTFC-96	31.7	65.0	48.3
SHENANDOAH	38.3	68.3	53.3	MB 28	30.0	66.7	48.3
SOUTHERN CHOICE	36.7	70.0	53.3	PIXIE E+	30.0	66.7	48.3
SRX 8084	36.7	70.0	53.3	SUNPRO	31.7	65.0	48.3
BANDANA (PST-R5AE)	35.0	70.0	52.5	WOLFPACK (PST-R5TK)	31.7	65.0	48.3
COCHISE II	41.7	63.3	52.5	AA-983	30.0	65.0	47.5
GOOD-EN (KOOS 94-14)	36.7	68.3	52.5	BAR FA 6LV	31.7	63.3	47.5
MILLENNIUM (TMI-RBR)	40.0	65.0	52.5	BAR FA6D USA	26.7	68.3	47.5
SAFARI	36.7	68.3	52.5	CORONADO GOLD (PST-5RT)	33.3	61.7	47.5
WVPB-1D	41.7	63.3	52.5	CROSSFIRE II	33.3	61.7	47.5
ARID	35.0	68.3	51.7	KITTY HAWK S.S.T. (SS45DW)	33.3	61.7	47.5
OFI-96-31	36.7	66.7	51.7	LION	31.7	63.3	47.5
ALAMO E	33.3	68.3	50.8	OFI-951	30.0	65.0	47.5
AV-1	30.0	71.7	50.8	WVPB-1B	31.7	63.3	47.5
J-101	38.3	63.3	50.8	BAR FA6 US3	31.7	61.7	46.7
JAGUAR 3	35.0	66.7	50.8	COYOTE	30.0	63.3	46.7
LEPRECHAUN	35.0	66.7	50.8	DP 7952	28.3	65.0	46.7
PST-5M5	31.7	70.0	50.8	EC-101	31.7	61.7	46.7
SHORTSTOP II	38.3	63.3	50.8	FALCON II	28.3	65.0	46.7
SRX 8500	31.7	70.0	50.8	ISI-TF9	26.7	66.7	46.7
TULSA	35.0	66.7	50.8	PICK FA 20-92	30.0	63.3	46.7
ATF-192	35.0	65.0	50.0	PICK FA UT-93	26.7	66.7	46.7
OFI-931	33.3	66.7	50.0	PRO 8430	30.0	63.3	46.7
PC-AO	31.7	68.3	50.0	WRS2	33.3	60.0	46.7
PICK GA-96	35.0	65.0	50.0	ATF-020	30.0	61.7	45.8
BAR FA 6D	31.7	66.7	49.2	DUSTER	28.3	63.3	45.8
CORONADO	31.7	66.7	49.2	ISI-TF11	26.7	65.0	45.8
MB 211	31.7	66.7	49.2	JSC-1	26.7	65.0	45.8
MB 26	35.0	63.3	49.2	MARKSMAN	31.7	60.0	45.8
MB 29	35.0	63.3	49.2	MB 210	28.3	63.3	45.8

TABLE 44. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT GRIFFIN, GA
 1997 DATA

NAME	ESTABLISHMENT AFTER SEEDING		
	3 WEEKS	10 WEEKS	MEAN
MB 212	28.3	63.3	45.8
PICK FA 15-92	33.3	58.3	45.8
PSII-TF-10	28.3	63.3	45.8
BAR FA6 US2U	30.0	60.0	45.0
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
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
ATF-196	28.3	58.3	43.3
PICK FA 6-91	25.0	61.7	43.3
PICK FA XK-95	26.7	60.0	43.3
SR 8210	28.3	58.3	43.3
ZPS-2PTF	26.7	60.0	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
EA 41	26.7	58.3	42.5
MB 214	26.7	58.3	42.5
PICK RT-95	26.7	58.3	42.5
ZPS-5LZ	26.7	58.3	42.5
MB 213	26.7	56.7	41.7
MB 216	28.3	55.0	41.7
OFT-96-32	25.0	58.3	41.7
PICK FA B-93	20.0	63.3	41.7
TOMAHAWK-E	21.7	61.7	41.7
ARID 3 (J-98)	28.3	54.3	41.3
PICK FA N-93	25.0	56.7	40.8
ATF-188	28.3	51.7	40.0
MB 215	23.3	56.7	40.0
DP 50-9011	23.3	51.0	37.2
ARID 2 (J-3)	25.0	48.3	36.7
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 45. POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
AT ITHACA, NY 2/
1997 DATA

POA ANNUA RATINGS 1-9; 9=NONE			
NAME	MAY	OCTOBER	MEAN
PICK FA 6-91	4.7	3.3	4.0
ATF-196	4.3	3.3	3.8
BAR FA6 US1	4.3	3.3	3.8
DP 7952	4.7	3.0	3.8
KENTUCKY-31 W/ENDO.	4.0	3.7	3.8
PICK FA 15-92	4.3	3.3	3.8
PICK FA N-93	5.0	2.7	3.8
BAR FA6D USA	4.7	2.7	3.7
BONSAI	4.3	3.0	3.7
MB 211	5.0	2.3	3.7
OFI-951	4.7	2.7	3.7
PST-5TO	4.7	2.7	3.7
ARABIA (J-5)	4.3	2.7	3.5
COMSTOCK (SSDE31)	4.7	2.3	3.5
PICK FA UT-93	4.3	2.7	3.5
PST-5M5	4.7	2.3	3.5
SRX 8084	4.3	2.7	3.5
TOMAHAWK-E	4.0	3.0	3.5
TULSA	4.3	2.7	3.5
AA-983	4.3	2.3	3.3
ATF-192	3.7	3.0	3.3
AV-1	3.3	3.3	3.3
DLF-1	4.0	2.7	3.3
EA 41	4.0	2.7	3.3
JSC-1	3.3	3.3	3.3
JTTFC-96	4.0	2.7	3.3
PRO 8430	4.0	2.7	3.3
ZPS-5LZ	4.3	2.3	3.3
ANTHEM II (TMI-FMN)	4.3	2.0	3.2
ATF-188	3.3	3.0	3.2
BANDANA (PST-R5AE)	4.3	2.0	3.2
BAR FA6 US6F	4.0	2.3	3.2
COCHISE II	4.3	2.0	3.2
COYOTE	5.0	1.3	3.2
OFI-931	3.3	3.0	3.2
PC-AO	3.3	3.0	3.2
TAR HEEL	4.0	2.3	3.2
TWILIGHT II (TMI-TW)	3.7	2.7	3.2
APACHE II	4.0	2.0	3.0
ATF-020	4.0	2.0	3.0
CORONADO	4.0	2.0	3.0
CORONADO GOLD (PST-5RT)	4.3	1.7	3.0
KITTY HAWK S.S.T. (SS45DW)	3.3	2.7	3.0
MB 214	3.0	3.0	3.0
PSII-TF-9	3.7	2.3	3.0
ARID	3.3	2.3	2.8
ARID 2 (J-3)	4.0	1.7	2.8

POA ANNUA RATINGS OF TALL FESCUE CULTIVARS
AT ITHACA, NY
1997 DATA

POA ANNUA RATINGS 1-9; 9=NONE			
NAME	MAY	OCTOBER	MEAN
ATF-022	3.0	2.7	2.8
BONSAI 2000 (BULLET)	3.3	2.3	2.8
DUSTER	3.3	2.3	2.8
EC-101	3.0	2.7	2.8
MB 213	3.0	2.7	2.8
OFI-96-32	3.0	2.7	2.8
OFI-FWY	3.0	2.7	2.8
PICK FA 20-92	3.0	2.7	2.8
RESERVE (ATF-182)	3.3	2.3	2.8
ARID 3 (J-98)	4.0	1.3	2.7
ATF-038	2.7	2.7	2.7
ATF-253	3.0	2.3	2.7
ATF-257	2.7	2.7	2.7
BAR FA6 US2U	3.0	2.3	2.7
DP 50-9011	3.0	2.3	2.7
EMPRESS	3.3	2.0	2.7
MB 215	3.0	2.3	2.7
PST-523	3.3	2.0	2.7
TA-7	3.0	2.3	2.7
AZTEC II (TMI-AZ)	2.7	2.3	2.5
BAR FA 6D	3.3	1.7	2.5
BAR FA 6LV	3.0	2.0	2.5
BAR FA6 US3	2.7	2.3	2.5
FINELAWN PETITTE	3.0	2.0	2.5
ISI-TF10	2.7	2.3	2.5
J-101	3.0	2.0	2.5
MASTERPIECE (LTP-SD-TF)	3.0	2.0	2.5
MB 212	3.0	2.0	2.5
PICK FA XK-95	3.0	2.0	2.5
PIXIE E+	3.3	1.7	2.5
PST-5E5	3.0	2.0	2.5
WX3-275	3.3	1.7	2.5
ALAMO E	3.0	1.7	2.3
GAZELLE	3.0	1.7	2.3
ISI-TF9	2.7	2.0	2.3
JTTFA-96	2.0	2.7	2.3
LION	3.3	1.3	2.3
MB 210	3.3	1.3	2.3
MUSTANG II	2.0	2.7	2.3
OFI-96-31	2.0	2.7	2.3
PICK FA B-93	3.0	1.7	2.3
PICK GA-96	2.7	2.0	2.3
PICK RT-95	2.7	2.0	2.3
PSII-TF-10	2.7	2.0	2.3
SHORTSTOP II	2.3	2.3	2.3
SRX 8500	3.0	1.7	2.3
WOLFPACK (PST-R5TK)	3.0	1.7	2.3

TABLE 45. POA ANNUA RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT ITHACA, NY
 1997 DATA

POA ANNUA RATINGS 1-9; 9=NONE

NAME	MAY	OCTOBER	MEAN
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
SR 8210	2.7	1.7	2.2
SUNPRO	2.7	1.7	2.2
WRS2	2.3	2.0	2.2
ZPS-2PTF	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
JAGUAR 3	2.3	1.7	2.0
GOOD-EN (KOOS 94-14)	2.7	1.3	2.0
MB 26	2.0	2.0	2.0
REBEL 2000 (AA-989)	2.7	1.3	2.0
REMBRANDT (LTP-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
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.