

## **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 United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. 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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## A Guide to NTEP Turfgrass Ratings

### Introduction

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### General Considerations

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### Turfgrass Quality

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### Other Ratings

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

LOCATIONS SUBMITTING DATA FOR 2003

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arkansas	Fayetteville	AR1
California	Riverside	CA3
Georgia	Griffin	GA1
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Michigan	East Lansing (Traffic)	MI2
Missouri	Columbia	MO1
Missouri	St. Louis (Traffic)	MO3
Nebraska	Mead	NE1
Nebraska	Mead (Traffic)	NE2
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic)	NJ3
New York	Ithaca	NY1
North Carolina	Raleigh	NC1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Texas	Dallas	TX1
Texas	Lubbock	TX3
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

2001 NATIONAL TALL FESCUE TEST  
Entries and Sponsors

Entry #	Name	Sponsor	Entry #	Name	Sponsor	Entry #	Name	Sponsor
1	Ky-31 E+	Standard Entry	54	CIS-TF-64	DLF International Seeds	107	Wyatt	The Scotts Company
2	Elisa	Brett-Young Seeds, Ltd.	55	Raptor (CIS-TF-33)	Mountain View Seeds, Ltd.	108	K01-E03	The Scotts Company
3	Justice (RB2-01)	Pennington Seed, Inc.	56	CIS-TF-67	DLF International Seeds	109	K01-E09	The Scotts Company
4	Falcon IV (F-4)	ProSeeds Marketing, Inc.	57	CIS-TF-60	DLF International Seeds	110	K01-WAF	The Scotts Company
5	Davinci (LTP-7801)	Lebanon Turf Products	58	CIS-TF-77	DLF International Seeds	111	Trooper (T1-TFOR3)	Oregro Seeds
6	Cochise III (018)	Ampac Seed Company	59	Bingo	DLF International Seeds	112	Escalade (01-ORU1)	Oregro Seeds
7	R-4	Budd Seed	60	B-7001	Budd Seed	113	Ultimate (01-RUTOR2)	Lewis Seed Company
8	Avenger (L1Z)	ZSEEDS	61	Finelawn Elite (DLSD)	ProSeeds Marketing, Inc.	114	BE1	DLF/Jenks Seed Company
9	Blackwatch (Pick-OD3-01)	TurfOne	62	titanium (SBM)	Mountain View Seeds, Ltd.	115	DLF-J210	DLF/Jenks Seed Company
10	Plantation	Pennington Seed, Inc.	63	Constitution (ATF-593)	Mountain View Seeds, Ltd.	116	PST-5BAB	Pure-Seed Testing, Inc.
11	Signia	Pennington Seed, Inc.	64	Cayenne	Pickseed West, Inc.	117	Matador GT (PST-5TU0)	Turf-Seed, Inc.
12	Rebel Exeda	Pennington Seed, Inc.	65	Pick-00-AFA	Pickseed West, Inc.	118	BAR Fa 1CR7	Barenbrug USA, Inc.
13	Prospect	Pennington Seed, Inc.	66	Pick TF H-97	Pickseed West, Inc.	119	MA 138	DLF/Jenks Seed Company
14	Rebel Sentry	Pennington Seed, Inc.	67	Blade Runner (Roberts SM4)	Pickseed West, Inc.	120	MA 158	DLF/Jenks Seed Company
15	Finesse II	Turf Merchants, Inc.	68	JTTFF-2000	Japan Turfgrass, Inc.	121	UT-155	Ultra Turf, Inc.
16	Millennium	Turf Merchants, Inc.	69	Gremlin (P-58)	ProSeeds Marketing, Inc.	122	Tahoe (CAS-157)	Columbia Seeds LLC.
17	Forte (BE-2)	Pennington Seed, Inc.	70	BAR Fa 1003	Barenbrug USA, Inc.	123	Turbo (CAS-MC1)	Burlingham Seeds
18	Dominion	Landmark Seed Company	71	BAR Fa 1005	Barenbrug USA, Inc.	124	CAS-ED	Cascade International Seed Co.
19	Focus	Turf Merchants, Inc.	72	Jaguar 3	Standard Entry	125	MA 127	Forbes Seed & Grain
20	2nd Millennium	Turf Merchants, Inc.	73	Guardian-21 (Roberts DOL)	TurfOne	126	EA 163	Forbes Seed & Grain
21	Inferno (JT-99)	Jacklin Seed /Simplot	74	Pick ZMG	Pickseed West, Inc.	127	Grande II	Seed Research of Oregon
22	TF66	Barenbrug USA	75	PST-5NAS	Pure-Seed Testing, Inc.	128	SR 8250	Seed Research of Oregon
23	Barlexas	Barenbrug USA	76	Fidelity (PST-5T1)	Landmark Seed	129	SR 8600	Seed Research of Oregon
24	Tracer	Barenbrug USA	77	PST-5KU	Pure-Seed Testing, Inc.	130	Regiment II (SRX 805)	Seed Research of Oregon
25	Barrera	Barenbrug USA	78	Dynamic (PST-57E)	Landmark Seed	131	SR 8550 (SRX 8BE4)	Seed Research of Oregon
26	Barrington	Barenbrug USA	79	PST-5JM	Pure-Seed Testing, Inc.	132	Picasso	Lebanon Turf Products
27	Barlexas II	Barenbrug USA	80	PST-5S12	Pure-Seed Testing, Inc.	133	Masterpiece	Lebanon Turf Products
28	Scorpion	ProSeeds Marketing, Inc.	81	Apache III (PST-5A1)	Turf-Seed, Inc.	134	Rembrandt	Standard Entry
29	Five Point (MCN-RC)	ProSeeds Marketing, Inc.	82	PST-5BZ	Pure-Seed Testing, Inc.	135	Legitimate	Sure Seed, LLC
30	Tulsa II (ATF 706)	Seed Research of OR/Jenks Seed	83	PST-DDL	Pure-Seed Testing, Inc.	136	Riverside (ProSeeds 5301)	ProSeeds Marketing, Inc.
31	ATF 702	Mountain View Seed Company	84	Tar Heel II (PST-5TR1)	Pure-Seed Testing, Inc.	137	Falcon II	Standard Entry
32	ATF 707	Advanta Seeds Pacific	85	Silverado II (PST-578)	Pure-Seed Testing, Inc.	138	GO-0D2	Grassland Oregon
33	ATF 806	Advanta Seeds Pacific	86	PST-5KI	Pure-Seed Testing, Inc.	139	GO-FL3	Grassland Oregon
34	ATF 799	Advanta Seeds Pacific	87	PST-5FZD	Pure-Seed Testing, Inc.	140	GO-RD4	Grassland Oregon
35	ATF 704	Advanta Seeds Pacific	88	PST-5L0	Pure-Seed Testing, Inc.	141	GO-SIU2	Grassland Oregon
36	ATF 586	Advanta Seeds Pacific	89	Silverstar (PST-5ASR)	Pure-Seed Testing, Inc.	142	Kalahari	Grassland Oregon
37	Kitty Hawk 2000	Smith Seed Services	90	PST-53T	Pure-Seed Testing, Inc.	143	UT-RB3	Ultra Turf, Inc.
38	Covenant (ATF 802)	Smith Seed Services	91	Endeavor	Turf-Seed, Inc.	144	Southern Choice II	McCarthy Research Farm, LLC
39	Rendition	Smith Seed Services	92	Matador	Turf-Seed, Inc.	145	Tempest	Burlingham Seeds
40	Titan Ltd.	Smith Seed Services	93	Olympic Gold	Turf-Seed, Inc.	146	Daytona (MRF 23)	Burlingham Seeds
41	Biltmore	LESCO, Inc.	94	Tar Heel	Turf-Seed, Inc.	147	South Paw (MRF 24)	Allied Seed, LLC
42	NA-TDD	Novel Ag, Inc.	95	Wolfpack	Turf-Seed, Inc.	148	MRF 25	Allied Seed, LLC
43	Bravo	LESCO, Inc.	96	Tomahawk GT	Turf-Seed, Inc.	149	MRF 26	Allied Seed, LLC
44	Lancer	LESCO, Inc.	97	Pure Gold	Turf-Seed, Inc.	150	MRF 27	Allied Seed, LLC
45	Magellan (OD-4)	LESCO, Inc./Burlingham Seeds	98	JT-6	Jacklin Seed/Simplot	151	MRF 28	Allied Seed, LLC
46	Padre (NJ4)	LESCO, Inc.	99	JT-13	Jacklin Seed/Simplot	152	MRF 29	Allied Seed, LLC
47	Stetson	LESCO, Inc.	100	Stonewall (JT-18)	Jacklin Seed/Simplot	153	MRF 210	Allied Seed, LLC
48	T991	Novel Ag, Inc.	101	JT-12	Jacklin Seed/Simplot	154	MRF 211	Allied Seed, LLC
49	Laramie	LESCO, Inc.	102	JT-15	Jacklin Seed/Simplot	155	K01-8007	The Scotts Company
50	Mustang 3	Pickseed West, Inc.	103	JT-9	Jacklin Seed/Simplot	156	DP 50-9082	DLF-Trifolium
51	Dynasty	Pickseed West, Inc.	104	Quest	Jacklin Seed/Simplot	157	DP 50-9226	DLF-Trifolium
52	Watchdog	TurfOne	105	K01-8015	The Scotts Company	158	Ninja 2 (ATF-800)	Ampac Seed Company
53	Firebird (CIS-TF-65)	Burlingham Seeds	106	Coyote	The Scotts Company	159	Expedition (ATF-803)	Ampac Seed Company
						160	Bonsai	Standard Entry

TABLE A.

2003 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2001 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
AL1	LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
CA3	SANDY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
GA1	SANDY CLAY LOAM	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IA1	-	-	-	-	-	-	-	-
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
IN1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
KS2	SANDY LOAM	-	-	-	-	-	4.1+	-
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MA1	LOAM	5.6-6.0	0-60	241-375	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
MD1	SILT LOAM AND SILT	5.6-6.0	61-150	0-150	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MI2	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MO1	SILTY CLAY LOAM	6.1-6.5	0-60	151-240	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
MO3	SILTY CLAY LOAM	7.1-7.5	151-270	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
NC1	SANDY CLAY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
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	LOAM	5.6-6.0	61-150	376-500	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	451+	501+	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	5.6-6.0	61-150	376-500	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NM1	SANDY LOAM	7.6-8.5	61-150	151-240	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	151-240	1.1-2.0	FULL SUN	3.1-3.5	NO IRRIGATION
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
SD1	SILTY CLAY LOAM	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
VA1	-	-	-	-	-	-	-	-
WA1	SILT LOAM AND SILT	5.6-6.0	451+	501+	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
WA3	SANDY LOAM	5.6-6.0	0-60	151-240	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION



TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2003

LOCATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SPRING DENSITY	SUMMER DENSITY
	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING					
AL1		X	X	X	X	X	X	X	X	X	X		X		X		
AR1			X	X	X	X	X	X	X	X	X		X				
CA3	X	X	X	X				X	X	X	X	X	X				
GA1	X	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		
IL2			X	X	X	X	X	X	X	X	X		X	X	X		
IN1				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			
MA1				X	X	X	X	X	X	X	X		X	X	X		
MD1					X	X	X	X	X	X			X	X	X		
MI1				X	X	X	X	X	X	X	X			X		X	X
MI2				X	X												
MO1				X	X	X	X	X	X	X	X		X				
M03	X	X	X		X	X		X	X	X							
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
NE1				X	X	X	X	X	X	X			X			X	X
NE2							X	X									X
NJ1				X	X	X	X	X	X	X			X	X	X		
NJ2				X	X	X	X	X	X	X	X		X		X		
NJ3				X	X	X	X	X	X	X	X		X	X	X		
NM1			X	X	X	X	X	X	X	X	X	X	X	X	X		
NY1				X	X	X	X	X	X	X				X	X		
PA1					X	X	X	X	X	X			X		X		
SD1				X	X	X	X	X	X				X		X		X
TX1	X	X	X	X	X	X	X	X	X	X	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			
WA1				X	X	X	X	X	X				X		X		
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X				
WI1					X	X	X	X	X	X			X	X	X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2003

LOCATION	FALL DENSITY	PERCENT COVER			FROST TOLERANCE	WINTER COLOR	TYPHULA BLIGHT	BROWN		PYTHIUM BLIGHT	FALL COLOR SEP	FALL COLOR NOV	FALL COLOR DEC	SPRING COLOR	BROWN PATCH RATINGS					NON-TRAFFIC QUALITY RATINGS							
		SPRING	SUMMER	FALL				PATCH	WARM TEMP.						MAY	JUN	JUL	AUG	SEP	COT	JULY	AUGUST					
AL1																											
AR1				X				X																			
CA3																											
GA1					X	X		X			X			X													
IA1																											
IL1																											
IL2								X																			
IN1																											
KS2																											
KY1																											
MA1								X	X																		
MD1																											
MI1	X	X	X	X																							
MI2		X		X																							
MO1				X																							
MO3		X		X																							
NC1						X											X	X	X	X	X	X					
NE1	X																										
NE2																										X	X
NJ1	X			X					X																		
NJ2	X								X																		
NJ3																											
NM1										X																	
NY1																											
PA1									X																		
SD1																											
TX1	X										X	X	X														
UT1		X	X	X																							
VA1						X																		X	X		
WA1																											
WA3																											
WI1																											

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*  
2003 DATA

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

NAME	AL1	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NE1	NJ1	NJ2	NM1	SD1	TX1	UT1	VA1	WA1	WA3	MEAN
* INFERNO (JT-99)	5.6	6.3	6.7	6.4	7.8	7.8	6.5	6.3	5.4	7.1	5.5	6.3	6.3	7.0	6.0	4.6	5.7	7.6	4.6	6.3
R-4	5.2	6.2	6.7	6.5	7.5	7.7	6.3	6.3	5.9	7.0	6.2	6.3	5.9	6.9	4.8	4.8	6.4	7.7	4.9	6.3
* PADRE (NJ4)	5.7	5.7	6.7	6.3	7.4	7.9	6.6	6.5	5.5	7.9	5.7	5.4	6.0	6.4	6.0	4.7	5.8	7.6	5.4	6.3
* COCHISE III (018)	5.2	6.4	6.7	6.6	7.6	7.1	7.0	6.5	6.1	7.3	5.1	6.2	6.1	6.2	5.7	4.3	6.4	7.6	5.0	6.3
* 2ND MILLENNIUM	5.3	6.9	6.8	6.5	7.5	7.3	5.5	6.5	5.9	8.0	5.6	5.8	6.3	6.4	5.8	4.6	5.6	7.5	5.2	6.3
* DAVINCI (LTP-7801)	5.6	5.4	6.6	6.8	7.7	7.4	6.4	6.4	5.9	7.0	5.4	6.3	5.6	6.2	5.8	5.0	6.3	7.9	5.1	6.2
* AVENGER (L1Z)	5.4	5.9	6.7	6.5	7.6	7.8	6.2	6.4	5.4	7.2	5.5	6.2	5.6	6.6	5.2	4.2	6.4	7.7	5.6	6.2
* CAYENNE	5.5	5.9	6.7	6.2	7.8	6.7	6.8	6.4	5.8	7.2	5.6	5.8	5.9	6.0	6.4	4.7	6.4	7.4	4.9	6.2
* JUSTICE (RB2-01)	5.5	5.8	6.7	6.5	7.8	8.0	5.5	6.3	5.8	6.6	5.0	6.6	6.1	6.3	5.0	4.9	6.8	7.7	5.2	6.2
K01-8015	5.6	5.3	6.6	6.2	7.7	7.5	6.2	6.0	5.7	8.0	5.9	6.0	5.9	6.4	5.5	4.3	6.3	7.7	4.2	6.2
* TAR HEEL II (PST-5TR1)	5.8	5.5	6.6	6.4	7.2	6.7	5.7	6.5	6.1	8.0	6.3	4.7	6.1	5.6	5.7	4.5	6.9	7.0	5.4	6.2
* BLACKWATCH (PICK-OD3-01)	5.6	6.0	6.7	6.5	7.7	6.9	5.6	6.5	5.8	7.3	5.4	5.7	5.6	6.1	5.5	4.6	6.8	7.7	4.8	6.1
* TITANIUM (SBM)	5.4	5.4	6.7	6.0	7.2	7.2	6.4	6.6	5.4	7.3	5.2	5.9	6.2	6.4	6.1	4.2	6.6	7.4	5.1	6.1
* FALCON IV (F-4)	5.4	5.3	6.7	6.3	7.5	7.8	5.7	6.4	6.0	6.8	5.1	6.2	6.1	6.3	5.6	4.4	6.6	7.6	4.9	6.1
BAR FA 1005	5.5	6.2	6.8	6.6	7.4	6.8	5.8	6.3	4.9	7.9	5.5	5.4	6.1	6.1	5.5	5.0	6.3	7.5	4.6	6.1
* FINELAWN ELITE (DLSD)	5.6	6.2	6.6	6.2	7.4	6.9	6.3	6.4	5.0	7.0	5.5	5.7	5.7	6.3	5.8	5.0	6.3	7.4	4.9	6.1
* BILTMORE	5.5	6.1	6.7	6.0	7.8	7.2	6.1	6.4	5.4	6.7	4.8	5.8	6.0	6.1	6.2	4.8	6.0	7.3	5.4	6.1
* GUARDIAN-21 (ROBERTS DOL)	5.3	5.7	6.9	6.1	7.6	6.8	6.6	6.2	5.8	7.1	5.7	5.9	5.4	6.1	5.8	4.7	5.7	7.7	5.1	6.1
K01-WAF	5.1	6.1	6.6	5.8	7.8	7.2	5.7	6.4	5.4	7.8	5.2	5.3	6.0	6.0	5.8	4.6	6.6	7.2	5.2	6.1
ULTIMATE (01-RUTOR2)	5.7	5.6	6.7	6.4	7.4	7.0	6.2	6.3	5.7	8.3	5.5	5.2	6.0	6.3	5.0	4.2	6.5	7.3	4.6	6.1
CIS-TF-67	5.3	6.3	6.6	6.0	7.4	7.1	5.7	6.4	5.8	7.0	4.8	5.8	6.1	6.3	5.4	4.7	6.2	7.4	5.3	6.1
* RAPTOR (CIS-TF-33)	5.3	5.5	6.3	5.7	7.8	7.1	6.0	6.6	5.5	8.0	5.0	5.7	5.5	6.4	5.3	4.7	6.3	7.8	5.0	6.1
* REBEL EXEDA	5.5	6.3	6.7	6.5	7.7	7.0	6.6	6.5	5.5	6.1	5.0	5.5	5.8	6.3	5.4	4.7	6.0	7.4	5.1	6.1
DYNAMIC (PST-57E)	5.5	5.7	6.6	6.1	7.4	7.1	6.1	6.4	5.6	7.7	5.2	5.2	5.7	6.1	6.2	4.2	6.2	7.4	4.9	6.1
* TURBO (CAS-MC1)	5.1	6.6	6.6	6.3	7.5	6.6	6.1	6.4	5.8	7.1	5.1	5.6	6.1	6.1	5.5	4.6	6.3	7.5	4.5	6.1
* MAGELLAN (OD-4)	5.2	6.1	6.7	6.2	7.0	7.1	6.6	6.5	5.3	7.6	5.1	5.3	5.5	6.3	6.0	3.9	6.2	7.3	5.3	6.1
ESCALADE (01-ORU1)	5.4	4.9	6.6	6.1	7.5	6.9	6.2	6.4	5.6	8.0	5.5	5.5	6.2	6.3	5.4	4.7	6.5	7.2	4.7	6.1
BE1	5.1	6.4	6.6	6.4	7.5	6.8	5.9	6.2	5.6	7.6	4.6	5.2	6.1	6.6	4.7	5.1	6.7	7.4	4.8	6.1
FIDELITY (PST-5T1)	5.4	5.9	6.7	6.6	7.3	7.0	6.1	6.1	5.5	7.0	5.4	5.3	5.9	5.8	5.5	4.5	7.1	7.4	4.9	6.1
* KALAHARI	5.3	5.8	6.7	6.2	7.6	7.1	6.2	6.4	5.7	8.0	4.8	5.7	5.9	6.3	5.0	4.4	6.1	7.4	4.6	6.1
UT-RB3	5.0	5.8	6.6	6.7	7.2	7.1	5.7	6.7	5.8	7.5	5.4	5.1	5.9	6.2	5.0	4.8	6.5	7.5	4.6	6.1
* SILVERADO II (PST-578)	5.4	5.6	6.7	6.2	7.2	7.0	6.1	6.5	6.1	7.5	5.4	4.8	5.9	6.0	5.0	5.0	6.8	7.1	4.8	6.1
* BINGO	5.4	5.9	6.7	6.2	7.4	6.6	5.1	6.5	5.0	7.1	5.6	5.8	6.2	6.2	5.7	4.5	6.6	7.4	5.0	6.0
PST-5FZD	5.3	5.5	6.7	6.3	7.7	6.4	5.9	6.4	5.7	7.5	5.7	5.3	5.8	5.9	5.5	4.5	6.2	7.4	5.0	6.0
* SR 8550 (SRX 8BE4)	5.2	5.5	6.7	5.8	7.1	6.6	6.3	6.9	5.4	7.7	5.0	5.1	5.8	5.9	5.3	4.6	6.7	7.8	5.3	6.0
FIREBIRD (CIS-TF-65)	5.4	5.8	6.7	6.3	7.5	6.8	5.7	6.4	5.5	7.4	5.1	5.3	5.9	6.2	5.3	4.5	6.3	7.7	4.8	6.0
CIS-TF-60	5.4	6.1	6.5	5.9	7.1	6.4	6.3	6.3	5.8	7.2	4.8	5.5	6.2	6.4	4.8	4.1	6.3	7.8	5.3	6.0
APACHE III (PST-5A1)	5.2	6.1	6.7	6.3	7.2	6.5	6.2	6.5	5.8	7.0	4.8	5.2	5.9	5.8	5.3	4.8	6.6	7.3	5.0	6.0
PST-5KI	5.2	5.5	6.7	6.2	7.2	6.3	5.8	6.4	5.3	8.0	5.2	5.1	6.0	5.9	5.8	4.3	6.7	7.3	5.3	6.0
* MUSTANG 3	5.5	5.9	6.6	6.5	7.3	6.6	5.6	6.5	5.9	7.9	5.2	5.3	5.6	6.0	5.5	4.5	5.9	7.3	4.6	6.0
* SILVERSTAR (PST-5ASR)	5.2	5.8	6.7	6.4	7.1	6.7	5.7	6.5	5.8	7.0	4.8	4.7	5.9	6.3	5.9	4.9	6.5	7.3	4.9	6.0
CIS-TF-77	5.5	5.4	6.6	6.4	7.0	6.7	5.7	6.5	6.0	7.4	4.9	5.3	5.7	6.2	5.1	4.8	6.3	7.3	5.3	6.0
* RIVERSIDE (PROSEEDS 5301)	5.6	6.0	6.7	5.7	7.4	6.1	6.3	6.5	5.7	7.3	5.0	5.1	5.4	6.3	5.7	4.4	6.3	7.4	5.2	6.0
MA 127	5.4	5.7	6.7	5.9	7.0	6.6	6.2	6.3	6.0	7.1	4.7	4.9	6.0	5.9	6.0	4.9	6.1	7.6	4.6	6.0

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*  
2003 DATA

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

NAME	AL1	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NE1	NJ1	NJ2	NM1	SD1	TX1	UT1	VA1	WA1	WA3	MEAN
CIS-TF-64	5.0	5.7	6.6	6.2	6.9	7.2	5.9	6.0	5.8	8.1	4.6	5.4	5.6	6.7	5.4	4.4	6.1	7.3	4.9	6.0
* DYNASTY	5.5	5.5	6.7	6.3	7.5	6.8	5.1	6.4	5.5	7.9	4.5	5.0	6.3	5.7	5.9	4.8	6.1	7.4	4.6	6.0
PST-5NAS	5.9	5.4	6.7	6.5	7.3	6.5	6.3	5.9	5.4	8.0	4.7	4.9	6.0	5.9	5.4	4.3	5.9	7.4	5.0	6.0
* MASTERPIECE	5.2	5.7	6.6	6.3	6.8	6.6	5.8	6.4	5.6	6.9	5.2	5.0	5.8	6.1	5.7	4.8	6.8	7.4	4.8	6.0
* RENDITION	5.8	5.7	6.5	5.9	7.6	7.1	5.4	6.5	5.6	8.4	4.1	5.1	5.7	6.1	5.4	4.7	5.7	7.6	4.5	6.0
GO-OD2	5.4	5.3	6.4	6.5	7.0	7.0	6.1	6.6	5.7	7.1	4.6	5.2	5.8	5.5	5.6	4.5	6.6	7.5	5.1	6.0
* GREMLIN (P-58)	5.3	5.6	6.7	6.4	7.3	6.2	6.3	6.2	5.8	7.4	4.2	5.2	6.0	6.4	5.1	4.6	6.4	7.6	4.5	6.0
PST-5JM	5.1	5.7	6.7	6.2	7.1	6.5	5.6	6.3	5.2	7.5	5.4	5.0	6.0	6.2	5.7	4.8	5.9	7.3	4.9	5.9
PST-53T	5.3	6.4	6.7	6.1	7.3	6.5	5.7	6.1	4.9	7.8	5.2	4.8	5.8	6.1	5.5	4.6	5.7	7.6	4.6	5.9
PST-5S12	5.5	6.1	6.7	5.9	6.7	6.7	5.2	6.3	6.0	6.7	4.9	4.9	6.2	5.8	6.0	4.6	6.5	7.1	5.0	5.9
* GRANDE II	6.0	5.5	6.7	6.1	7.1	6.7	5.8	6.5	5.4	7.0	4.8	4.8	5.9	6.4	4.9	4.9	6.5	7.3	4.6	5.9
NA-TDD	5.4	5.9	6.4	6.3	7.4	6.5	6.2	6.4	5.8	7.0	4.3	4.5	6.1	6.2	5.7	4.4	5.6	7.6	5.1	5.9
PST-5BZ	5.2	5.7	6.7	6.1	7.5	6.5	5.9	6.4	5.9	7.1	4.9	4.8	5.7	5.8	5.5	4.0	6.5	7.4	4.9	5.9
ATF 799	5.5	5.1	6.4	6.2	7.5	6.3	6.3	6.2	5.2	7.5	4.4	5.2	5.9	5.9	5.5	4.6	6.5	7.4	4.8	5.9
* FIVE POINT (MCN-RC)	5.3	5.6	6.5	6.2	7.3	6.6	6.3	6.3	5.4	6.9	5.1	5.3	6.2	5.9	5.1	4.5	6.3	7.2	4.6	5.9
* WOLFPACK	5.7	5.4	6.6	6.0	7.3	6.6	5.5	6.4	5.3	7.8	5.1	4.6	5.4	6.1	5.9	4.4	6.4	6.8	5.3	5.9
* QUEST	5.4	5.9	6.6	6.2	7.4	6.3	5.7	6.3	5.8	7.3	5.1	4.6	5.8	5.9	5.7	4.6	5.9	7.4	4.8	5.9
PST-DDL	5.0	5.8	6.6	6.0	7.4	6.3	5.7	6.5	5.9	7.3	4.8	5.1	5.6	6.1	5.7	5.1	5.8	7.3	4.5	5.9
K01-8007	5.1	4.9	6.6	6.1	7.4	6.6	6.6	6.1	5.9	8.6	5.1	5.0	5.2	7.1	4.3	4.3	6.1	7.4	4.1	5.9
ATF 702	5.3	5.3	6.5	6.2	7.4	6.5	5.7	6.3	5.7	7.9	4.6	5.3	5.8	6.2	5.2	4.6	5.8	7.8	4.4	5.9
* PICASSO	4.9	5.9	6.7	6.2	7.3	6.3	5.5	5.8	5.8	7.2	4.8	4.8	5.8	5.9	5.7	4.8	6.5	7.4	5.0	5.9
PST-5BAB	5.4	5.2	6.6	6.2	7.2	6.8	6.2	6.5	5.8	7.1	4.7	4.7	5.7	6.2	5.6	4.3	6.3	7.2	4.8	5.9
PICK-00-AFA	5.4	5.1	6.7	6.0	7.4	6.5	5.8	6.4	5.8	7.3	4.5	4.8	5.8	6.2	5.5	4.8	5.9	7.4	5.1	5.9
* REMBRANDT	5.2	5.4	6.7	5.8	7.2	6.5	6.1	6.3	5.0	7.8	5.0	4.8	6.3	5.9	5.4	4.3	6.5	7.2	4.7	5.9
JT-12	5.2	6.1	6.6	6.1	6.8	6.4	5.6	6.3	5.6	7.7	4.7	5.1	5.9	6.3	4.9	4.7	6.2	7.6	4.3	5.9
PST-5KU	5.7	5.7	6.7	6.3	6.9	6.3	5.8	6.1	5.5	6.6	4.5	5.0	6.0	6.3	5.6	4.5	6.4	7.5	4.7	5.9
MRF 211	5.3	5.4	6.7	5.9	7.2	6.5	5.9	6.4	6.1	7.9	4.3	4.3	5.8	6.2	4.6	5.2	6.3	7.5	4.6	5.9
K01-E09	5.6	5.1	6.7	6.0	7.3	6.6	5.6	6.5	5.7	7.2	4.9	5.0	5.7	5.9	5.1	4.5	6.4	7.4	4.6	5.9
* CONSTITUTION (ATF-593)	5.1	5.8	6.7	6.2	7.3	6.7	5.9	6.3	5.8	7.0	4.2	5.0	5.8	5.9	5.6	4.5	6.0	7.3	4.9	5.9
MRF 27	5.7	6.0	6.7	6.3	7.4	6.5	6.0	6.3	5.8	7.4	4.1	4.5	5.5	6.1	4.8	4.6	6.1	7.4	4.9	5.9
B-7001	5.1	5.9	6.7	6.4	7.1	6.5	5.6	6.8	5.2	7.0	3.9	4.9	6.3	5.9	5.6	4.7	5.8	7.3	5.1	5.9
K01-E03	5.5	5.1	6.7	6.2	7.3	6.7	4.9	6.5	6.0	7.3	4.3	5.5	5.9	6.9	5.6	4.2	6.1	6.8	4.3	5.9
* SR 8250	5.7	5.0	6.6	6.0	7.2	6.3	5.6	6.5	5.8	7.7	4.2	4.9	5.4	6.3	4.9	5.1	6.8	7.1	4.8	5.9
* FORTE (BE-2)	5.6	5.9	6.7	6.6	7.3	6.7	5.7	6.0	5.5	6.8	4.7	5.5	6.2	5.9	5.0	4.3	5.3	7.6	4.6	5.9
JT-6	5.6	6.3	6.7	6.1	7.2	6.4	6.0	6.4	5.5	7.2	4.1	5.0	5.7	6.4	4.6	4.8	5.5	7.3	5.1	5.9
* BLADE RUNNER (ROBERTS SM4)	5.1	5.7	6.7	6.3	6.9	6.6	5.7	6.4	5.9	7.6	4.8	5.0	5.9	6.1	5.3	4.2	5.7	7.3	4.6	5.9
JT-9	5.4	5.5	6.5	6.2	7.4	6.3	6.3	6.3	5.4	7.3	3.8	4.8	6.0	6.4	4.9	5.1	5.7	7.4	4.8	5.9
NINJA 2 (ATF-800)	5.2	5.6	6.5	6.0	7.1	6.5	6.0	6.5	5.7	7.8	3.9	4.3	5.9	6.1	5.9	4.5	6.1	7.1	4.8	5.9
UT-155	5.5	4.7	6.6	6.2	6.8	6.5	5.9	6.5	5.4	7.4	4.6	5.0	5.9	6.2	5.6	4.9	5.8	7.5	4.3	5.9
MATADOR GT (PST-5TUO)	5.4	5.2	6.7	6.0	7.1	6.6	6.2	6.4	5.6	7.0	4.3	5.0	6.1	6.0	4.8	4.8	5.9	7.4	4.6	5.9
* OLYMPIC GOLD	5.0	5.5	6.7	6.3	7.0	6.2	5.6	6.3	5.4	7.2	5.2	4.6	5.7	5.9	5.6	4.2	6.2	7.2	5.1	5.8
MRF 28	5.6	5.3	6.5	6.2	7.3	6.1	6.2	6.4	5.4	7.5	3.9	4.3	6.0	6.2	5.2	4.4	6.6	7.7	4.3	5.8
EA 163	5.4	5.6	6.3	5.8	7.0	6.1	6.2	6.2	5.4	7.0	4.9	4.9	6.0	5.8	5.7	4.5	6.5	7.3	4.5	5.8
* FOCUS	5.6	5.6	6.5	6.3	6.7	7.1	5.3	6.3	5.4	7.3	4.0	4.4	6.0	6.2	5.7	4.5	5.8	7.6	4.6	5.8
PST-5LO	5.2	5.8	6.6	6.3	7.0	6.7	5.7	6.3	5.3	6.7	4.6	4.7	5.4	5.9	5.4	4.7	6.3	7.3	5.0	5.8

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*  
2003 DATA

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

NAME	AL1	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NE1	NJ1	NJ2	NM1	SD1	TX1	UT1	VA1	WA1	WA3	MEAN
PICK ZMG	5.6	5.5	6.7	5.9	6.9	6.4	5.7	6.3	5.7	6.9	4.7	4.4	5.9	5.8	5.6	4.4	6.0	7.3	5.0	5.8
JT-15	5.1	5.1	6.4	6.4	7.2	6.5	5.7	6.3	5.4	7.6	4.7	5.2	5.6	5.9	5.1	4.5	5.9	7.5	4.5	5.8
* REGIMENT II (SRX 805)	5.4	5.5	6.5	6.4	7.2	6.3	6.1	5.9	5.4	6.7	3.5	4.8	5.8	6.3	5.2	4.8	6.7	7.7	4.4	5.8
CAS-ED	5.6	5.6	6.4	6.1	7.2	6.3	5.6	6.5	5.4	7.2	4.5	4.6	5.8	5.8	5.6	4.0	6.0	7.6	4.6	5.8
MRF 210	5.5	5.5	6.4	5.9	6.8	6.8	5.8	6.4	5.4	7.1	4.1	4.2	6.0	6.1	5.4	4.9	6.2	7.6	4.6	5.8
* TAR HEEL	5.5	5.4	6.6	6.4	7.1	6.3	5.2	6.3	5.2	7.9	5.0	4.2	5.9	5.7	5.1	4.7	6.2	7.1	4.9	5.8
* REBEL SENTRY	5.7	5.4	6.3	6.2	7.0	6.8	5.7	6.5	5.8	6.6	3.8	5.2	5.6	5.7	5.4	4.5	5.7	7.6	5.0	5.8
MRF 25	4.9	4.8	6.4	6.2	7.1	5.7	6.2	6.5	5.5	8.4	4.1	4.1	5.8	6.0	5.6	4.8	5.8	7.3	5.0	5.8
* FINESSE II	5.3	6.0	6.6	6.2	7.2	6.8	5.6	6.3	5.2	7.0	4.4	5.1	5.7	6.0	5.1	4.8	5.3	7.6	4.1	5.8
MRF 29	5.2	5.3	6.7	5.7	6.5	6.4	6.3	6.2	5.5	7.3	4.0	4.7	6.1	6.3	5.2	4.4	6.5	7.4	4.5	5.8
* SR 8600	5.3	5.2	6.4	5.9	7.4	6.4	5.0	6.4	5.4	7.6	4.2	4.8	5.8	6.3	5.0	5.0	6.5	7.3	4.3	5.8
* WATCHDOG	4.9	5.4	6.6	6.4	7.5	5.9	5.4	6.5	5.4	7.2	4.6	4.3	5.7	6.0	5.9	4.9	6.2	6.8	4.5	5.8
MA 138	5.2	5.0	6.7	6.2	6.6	6.4	5.9	6.5	5.3	7.2	4.1	4.3	6.0	5.8	5.5	4.9	6.1	7.6	4.7	5.8
* PLANTATION	5.3	6.0	6.7	5.7	7.3	6.8	5.8	6.3	5.6	6.5	3.6	4.7	5.3	6.1	5.4	4.6	6.1	7.6	4.8	5.8
JT-13	5.2	5.7	6.7	5.9	7.0	6.1	5.4	6.1	5.6	7.8	4.4	5.1	5.6	6.4	4.6	5.0	5.4	7.4	4.4	5.8
* BARRERA	5.9	5.6	6.5	5.8	7.5	5.8	5.7	6.3	5.8	6.8	4.1	4.5	5.8	5.9	5.1	4.4	5.8	7.5	4.7	5.8
MA 158	5.5	5.0	6.5	6.1	7.0	6.3	5.6	6.2	4.7	7.0	4.0	5.3	5.8	6.2	5.5	4.6	6.2	7.4	4.6	5.8
* MATADOR	5.0	5.3	6.7	5.9	7.3	6.0	5.7	6.2	5.6	7.0	4.6	5.0	5.9	5.5	5.5	4.6	5.4	7.4	4.7	5.7
BAR FA 1003	5.3	5.7	6.6	6.3	6.7	5.8	5.0	6.4	5.4	6.8	3.9	4.5	6.1	6.0	5.2	4.5	6.4	7.4	5.1	5.7
* TAHOE (CAS-157)	4.8	5.2	6.6	6.1	7.0	6.3	5.4	6.6	5.0	7.4	3.9	5.0	5.5	6.0	5.6	4.6	6.1	7.4	4.7	5.7
* MILLENNIUM	5.1	5.8	6.7	6.1	7.2	6.6	5.2	6.5	5.8	6.8	3.7	4.3	5.7	6.1	5.1	4.5	5.9	7.3	4.9	5.7
* SIGNIA	4.9	5.6	6.5	6.2	6.9	6.6	5.3	6.3	5.6	7.1	4.6	4.7	5.6	5.9	5.1	4.4	5.8	7.4	4.4	5.7
MRF 26	5.1	5.8	6.7	6.2	6.9	5.9	5.4	6.5	5.1	8.1	3.5	4.1	5.5	6.1	5.3	4.2	6.0	7.7	4.8	5.7
* PROSPECT	5.1	5.1	6.6	6.1	6.8	6.3	5.1	6.0	5.7	7.2	4.5	4.3	5.6	5.9	5.0	5.0	6.2	7.5	4.8	5.7
* BARRINGTON	5.4	5.1	6.6	6.2	6.9	6.0	5.8	6.2	5.5	6.7	4.6	4.3	5.9	5.7	5.6	4.0	6.0	7.3	4.7	5.7
* STONEWALL (JT-18)	5.5	5.1	6.5	5.9	7.2	6.2	6.1	6.0	5.3	7.4	4.0	4.5	6.1	6.5	4.6	4.7	5.2	7.3	4.4	5.7
* BARLEXAS II	5.6	5.0	6.8	5.9	7.0	6.0	5.6	6.5	5.4	6.7	3.9	4.0	6.1	6.2	4.9	4.8	5.9	7.3	4.9	5.7
* JAGUAR 3	5.1	5.0	6.7	6.2	7.0	6.1	5.0	6.5	5.7	7.2	4.2	3.9	5.8	5.7	5.3	4.8	6.1	6.9	5.3	5.7
* PURE GOLD	5.7	4.9	6.4	5.8	6.9	5.5	5.1	6.3	5.3	7.7	3.7	5.0	5.6	6.3	5.2	5.3	5.5	7.4	4.7	5.7
* ENDEAVOR	5.3	5.9	6.5	6.3	6.9	6.3	5.5	6.3	4.8	7.3	4.2	3.8	5.4	5.9	5.6	4.4	5.9	7.1	5.0	5.7
* TRACER	5.4	5.4	6.6	5.5	7.0	5.5	5.4	6.4	5.8	6.6	4.0	4.2	5.9	6.3	5.4	4.5	5.6	7.3	4.9	5.7
* SCORPION	5.0	5.5	6.6	6.1	7.2	6.4	5.0	6.3	5.4	6.3	4.6	4.5	5.5	5.7	5.2	4.2	6.2	7.2	4.8	5.7
* COVENANT (ATF 802)	5.2	4.8	6.6	6.2	7.0	6.5	5.6	6.2	5.3	6.7	3.9	4.8	5.6	5.9	5.4	4.2	5.9	7.4	4.4	5.7
* DOMINION	5.2	5.4	6.6	6.3	6.9	6.2	5.6	6.5	5.2	6.9	4.5	3.8	5.6	5.8	5.0	4.6	5.9	7.1	4.6	5.7
* KITTY HAWK 2000	5.2	4.9	6.6	5.9	6.9	6.1	4.9	6.5	5.6	6.6	3.7	4.0	5.8	5.4	6.0	5.1	5.7	7.5	5.1	5.7
DP 50-9226	5.3	4.7	6.6	5.9	6.3	6.1	5.6	6.2	5.4	8.0	3.9	4.0	5.4	5.8	5.3	4.4	6.5	7.1	4.7	5.6
* SOUTHERN CHOICE II	5.4	5.3	6.6	6.0	6.7	5.3	5.2	6.4	5.6	7.4	3.3	4.1	6.0	5.8	4.9	4.8	6.3	7.4	4.3	5.6
* WYATT	5.0	4.8	6.4	5.9	7.0	6.2	5.3	6.3	5.7	7.0	4.1	3.9	5.8	5.8	5.2	4.7	6.2	6.7	5.0	5.6
* EXPEDETION (ATF-803)	5.2	4.8	6.3	6.0	6.2	5.8	5.4	6.4	5.9	7.4	3.8	4.0	5.4	5.9	5.5	4.7	6.2	7.2	4.5	5.6
T991	5.7	5.1	6.3	6.2	6.7	5.5	5.1	6.2	5.5	7.3	3.5	3.8	6.2	5.9	5.9	4.3	5.3	7.6	4.6	5.6
ATF 806	5.4	4.3	6.5	6.2	7.3	5.7	5.6	6.2	4.8	6.9	3.8	4.3	5.7	5.8	5.6	4.4	5.8	7.4	4.6	5.6
ATF 586	5.2	4.9	6.5	5.9	7.0	5.8	5.1	6.3	5.1	7.9	4.2	4.1	5.6	5.7	5.9	4.6	5.1	6.9	4.7	5.6
PICK TF H-97	5.0	4.4	6.5	6.0	7.2	5.7	5.3	6.3	5.2	7.1	5.1	4.5	5.4	5.9	5.1	4.3	5.4	7.3	4.6	5.6
* COYOTE	5.4	5.3	6.3	6.0	6.9	5.8	5.1	6.0	5.4	6.8	3.5	3.7	5.8	6.2	5.1	4.5	6.1	7.3	4.9	5.6
* LARAMIE	4.9	5.0	6.5	6.0	7.1	6.1	5.2	6.1	5.4	7.3	3.6	3.8	5.4	5.4	5.5	4.9	5.5	7.2	5.0	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*  
2003 DATA

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

NAME	AL1	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NE1	NJ1	NJ2	NM1	SD1	TX1	UT1	VA1	WA1	WA3	MEAN
* BRAVO	5.2	4.6	6.3	5.8	7.1	6.1	5.4	6.2	5.5	7.4	4.0	3.8	5.2	5.8	5.1	4.3	6.1	6.8	5.0	5.6
* TOMAHAWK GT	5.2	5.4	6.4	5.5	7.2	5.1	4.9	6.7	5.5	7.5	4.0	3.9	5.7	5.8	5.1	4.5	5.5	7.2	4.5	5.6
* TEMPEST	5.1	5.3	6.3	5.7	6.7	5.9	5.0	6.5	5.4	7.2	4.0	3.5	6.0	5.8	4.9	4.5	6.1	7.3	4.6	5.6
* BARLEXAS	4.9	4.6	6.4	5.8	7.0	6.1	4.9	6.5	5.6	6.4	4.0	3.8	5.5	5.9	5.5	5.0	5.5	7.3	4.9	5.6
* TF66	5.4	5.1	6.3	6.1	7.1	6.3	4.8	6.5	5.1	6.4	3.5	3.8	5.5	5.8	5.3	4.3	6.1	7.3	4.7	5.6
* TITAN LTD.	5.4	5.0	6.4	5.8	6.5	6.4	5.3	6.5	5.3	7.9	3.6	3.7	6.1	5.1	5.6	4.5	5.6	6.3	4.6	5.5
* LEGITIMATE	5.3	4.7	6.6	5.9	6.7	5.7	4.9	6.5	5.8	6.6	4.0	3.8	5.3	5.8	5.3	4.5	6.5	6.9	4.5	5.5
* LANCER	5.5	4.5	6.4	6.0	6.8	5.8	5.5	6.4	5.5	7.2	3.3	3.8	5.4	5.7	6.0	4.2	5.7	6.7	4.9	5.5
TROOPER (01-TFOR3)	5.5	5.0	6.3	5.8	6.9	5.6	5.1	6.4	5.1	7.4	3.4	3.8	5.6	5.7	5.5	4.7	6.2	6.8	4.5	5.5
DLF-J210	5.3	5.3	6.5	6.0	6.8	5.7	4.9	6.2	5.3	7.3	3.0	3.7	5.8	5.7	5.3	5.0	6.0	7.2	4.3	5.5
ATF 704	5.2	5.1	6.3	5.8	7.1	5.6	5.0	6.5	5.1	6.7	3.3	3.7	5.6	5.9	5.5	5.0	5.4	7.0	4.8	5.5
BAR FA 1CR7	5.2	5.4	6.5	5.8	7.1	5.8	5.4	6.3	5.7	6.6	3.2	3.7	5.1	6.2	5.3	4.8	5.3	7.2	4.3	5.5
* TULSA II (ATF 706)	5.7	4.6	6.4	6.0	6.5	5.3	4.7	6.2	5.7	7.4	4.0	3.6	6.0	5.8	5.2	4.5	5.9	6.7	4.3	5.5
* DAYTONA (MRF 23)	4.7	4.9	6.2	6.0	7.0	5.6	5.4	6.3	5.0	7.6	3.2	3.6	5.3	5.7	5.0	4.2	5.9	7.4	4.6	5.4
* FALCON II	4.9	4.9	6.4	5.7	6.6	5.8	4.9	6.4	5.3	7.0	3.2	3.2	5.4	5.6	5.4	4.7	6.1	6.9	5.0	5.4
* SOUTH PAW (MRF 24)	5.6	4.8	6.5	6.0	6.1	5.3	5.2	6.2	5.3	7.1	3.1	3.3	5.3	5.9	5.3	4.5	5.7	7.2	4.4	5.4
* STETSON	5.4	4.5	6.3	5.9	6.5	5.8	5.2	6.4	4.8	7.0	3.4	3.5	5.4	5.7	5.7	4.2	5.3	6.2	4.8	5.4
ATF 707	5.1	4.5	6.2	5.9	7.0	5.2	4.7	6.2	5.3	6.6	3.4	2.8	5.6	5.7	5.5	4.3	5.5	7.4	4.7	5.3
DP 50-9082	5.5	4.4	6.5	6.0	6.6	5.6	4.8	5.9	4.5	8.4	3.1	3.1	5.7	5.2	4.8	4.5	6.1	6.0	4.4	5.3
JTTFF-2000	5.4	4.3	6.5	5.7	6.2	5.1	4.9	6.0	5.0	7.2	2.9	3.3	5.5	6.2	5.4	4.6	5.0	7.2	4.5	5.3
* ELISA	5.0	4.0	6.4	5.8	6.0	5.9	4.6	6.4	5.3	6.1	4.4	3.2	5.1	5.4	5.2	4.6	5.7	6.3	5.4	5.3
GO-SIU2	5.4	4.5	6.2	5.8	6.6	5.4	4.7	6.3	5.0	6.6	2.9	3.1	5.9	5.2	4.8	4.2	6.3	6.8	4.6	5.3
GO-RD4	4.8	5.0	6.5	6.1	6.0	5.2	4.7	6.5	5.2	6.4	3.0	2.8	5.5	5.6	5.0	4.7	6.0	6.5	4.3	5.3
* BONSAI	5.5	4.3	6.4	5.5	6.7	5.3	4.5	6.1	5.6	7.3	3.2	2.6	5.3	5.6	4.4	4.3	5.4	6.4	4.5	5.2
GO-FL3	5.2	4.1	5.9	5.9	6.0	5.5	5.0	6.5	5.2	7.5	3.1	2.8	5.8	4.8	4.2	4.1	6.0	5.7	5.1	5.2
* KY-31 E+	4.8	3.2	4.6	5.5	4.0	4.2	3.0	4.8	5.6	4.8	1.2	1.0	4.8	3.7	4.5	3.1	3.9	3.7	3.6	3.9
LSD VALUE	0.5	1.1	0.5	0.7	0.6	0.6	1.1	0.5	1.0	0.9	1.0	0.6	0.9	0.5	1.2	0.8	1.0	0.4	0.6	0.2
C.V. (%)	6.0	12.9	4.4	6.8	4.8	5.9	12.0	4.7	10.7	7.3	14.5	8.6	9.6	5.3	13.5	10.9	10.2	3.6	8.4	8.5

\* COMMERCIALY AVAILABLE IN THE USA IN 2004.

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.

\*\* SCHEDULE A - 1.5-2.0 INCH MOWING HEIGHT  
3 - 5 lbs. N/1000 FT<sup>2</sup>/YEAR  
IRRIGATION TO PREVENT VISUAL DROUGHT STRESS

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2003 DATA

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

NAME	IA1	IL1	IL2	KS2	MA1	MO1	NY1	PA1	WI1	MEAN
R-4	6.3	6.1	7.6	5.3	5.5	5.3	7.3	7.3	6.2	6.3
FALCON IV (F-4)	6.4	5.9	7.9	6.0	4.8	5.5	7.3	6.7	6.2	6.3
JUSTICE (RB2-01)	6.7	6.1	7.4	5.8	5.2	5.4	7.1	6.5	5.8	6.2
GRANDE II	6.6	6.1	7.1	5.7	5.1	5.4	6.9	6.2	6.4	6.2
COCHISE III (018)	6.4	6.0	7.0	5.7	5.0	5.5	7.3	6.7	6.0	6.2
FINELAWN ELITE (DLSD)	6.3	5.9	7.8	5.6	5.2	5.1	6.8	6.7	5.9	6.1
TURBO (CAS-MC1)	5.9	6.4	7.1	5.4	5.4	5.8	7.3	6.2	5.7	6.1
REMBRANDT	6.2	5.9	8.1	5.3	5.0	5.5	6.7	6.4	5.9	6.1
MILLENNIUM	6.4	5.8	7.9	5.6	5.0	5.6	6.4	5.8	6.4	6.1
TITANIUM (SBM)	6.3	5.9	7.3	5.3	5.2	5.2	7.1	6.6	6.2	6.1
INFERNO (JT-99)	6.2	6.2	6.8	5.3	5.2	5.4	7.3	6.9	5.6	6.1
FORTE (BE-2)	6.0	5.6	7.9	5.0	5.3	5.5	6.7	6.5	6.2	6.1
BLACKWATCH (PICK-OD3-01)	6.3	6.0	7.0	5.5	5.0	5.2	7.3	6.5	6.1	6.1
DAVINCI (LTP-7801)	6.8	5.8	6.8	5.3	5.0	5.5	7.0	6.6	6.1	6.1
RIVERSIDE (PROSEEDS 5301)	6.1	5.9	7.1	5.5	5.1	5.4	6.4	7.1	6.3	6.1
GUARDIAN-21 (ROBERTS DOL)	5.8	5.7	8.1	5.4	4.9	5.2	6.8	7.1	5.9	6.1
ULTIMATE (01-RUTOR2)	5.7	6.0	7.4	5.7	4.9	4.8	6.9	7.2	5.9	6.1
CIS-TF-67	6.0	5.7	7.6	5.4	5.2	5.3	6.8	6.9	5.6	6.0
REBEL EXEDA	6.1	5.9	7.4	5.3	5.3	5.3	6.8	6.8	5.7	6.0
AVENGER (L1Z)	5.8	5.7	6.2	5.8	5.2	5.4	7.0	7.0	6.3	6.0
PADRE (NJ4)	6.2	5.9	6.9	5.2	5.1	4.8	6.6	7.3	6.3	6.0
FOCUS	6.3	5.6	7.8	5.2	5.1	5.0	6.8	6.3	6.1	6.0
MUSTANG 3	6.6	5.5	7.3	5.4	5.3	5.3	6.7	6.5	5.8	6.0
2ND MILLENNIUM	6.3	6.1	7.0	5.3	5.3	5.1	7.1	6.4	5.5	6.0
JAGUAR 3	6.6	5.7	6.7	5.2	5.5	5.2	6.9	6.1	6.4	6.0
BE1	6.1	5.8	7.0	5.7	5.1	5.6	6.9	6.2	5.7	6.0
GREMLIN (P-58)	5.9	6.0	6.9	5.4	4.9	5.3	6.6	7.3	5.8	6.0
CIS-TF-77	5.7	6.0	7.3	5.5	5.2	5.2	7.1	6.6	5.4	6.0
PICASSO	6.6	5.7	6.3	5.7	5.2	5.0	6.9	6.7	5.9	6.0
MAGELLAN (OD-4)	5.8	5.8	7.6	5.3	5.3	4.9	6.6	6.6	6.0	6.0
MASTERPIECE	5.9	5.8	7.7	5.5	5.2	4.8	7.1	6.3	5.5	6.0
APACHE III (PST-5A1)	6.0	5.7	6.6	5.9	5.4	5.3	6.7	6.1	6.3	6.0
SCORPION	6.2	6.0	6.7	5.7	5.0	5.0	7.1	6.1	6.1	6.0
K01-E09	6.2	5.8	6.8	5.4	5.1	4.8	6.9	6.9	5.8	6.0
K01-E03	5.7	5.8	8.0	5.3	4.9	5.0	6.7	5.8	6.6	6.0
MRF 25	6.2	6.0	7.4	5.3	4.8	5.3	6.9	6.2	5.6	6.0
BARRINGTON	5.9	5.7	7.2	5.0	4.8	5.0	7.1	6.4	6.6	6.0
SILVERSTAR (PST-5ASR)	6.2	5.6	6.5	5.2	5.6	5.6	6.9	6.2	5.9	6.0
BARLEXAS II	6.2	5.5	7.3	5.1	4.7	5.6	6.7	5.9	6.6	6.0
SILVERADO II (PST-578)	6.6	6.0	7.3	5.5	5.2	4.9	7.0	6.1	5.1	6.0
BARRERA	5.5	5.4	7.7	5.5	5.0	5.1	6.9	6.5	5.9	6.0
RAPTOR (CIS-TF-33)	6.2	5.8	6.4	5.7	4.8	5.3	7.1	6.9	5.4	6.0
FINESSE II	6.3	5.4	6.8	5.2	4.8	5.5	6.9	6.6	6.1	5.9
PST-5BZ	6.3	6.0	6.5	5.9	4.8	4.7	6.9	6.1	6.4	5.9

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2003 DATA

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

NAME	IA1	IL1	IL2	KS2	MA1	MO1	NY1	PA1	WI1	MEAN
LEGITIMATE	6.3	5.7	7.1	5.6	4.9	5.4	6.6	5.5	6.3	5.9
EA 163	5.8	6.2	6.6	5.7	4.9	4.8	6.9	5.9	6.6	5.9
CONSTITUTION (ATF-593)	6.1	6.0	6.5	5.6	4.9	4.9	7.1	6.2	6.2	5.9
DOMINION	6.2	5.9	7.1	4.9	5.1	5.4	7.3	5.4	6.1	5.9
PLANTATION	6.1	5.5	6.4	5.1	5.1	5.3	7.1	6.4	6.3	5.9
FIVE POINT (MCN-RC)	6.1	5.7	6.6	5.3	5.0	5.0	7.1	6.3	6.2	5.9
MRF 211	6.2	5.9	6.7	5.3	4.7	5.6	6.6	5.9	6.4	5.9
K01-8007	5.9	5.8	6.4	5.1	4.6	5.5	7.1	6.3	6.6	5.9
REBEL SENTRY	6.2	6.0	5.9	5.3	5.0	5.7	7.0	6.1	6.1	5.9
MA 127	6.3	5.6	7.0	5.3	4.8	5.0	6.6	6.7	6.0	5.9
PST-5JM	5.7	6.0	7.0	5.7	4.8	5.3	6.6	6.6	5.6	5.9
ENDEAVOR	6.1	5.8	7.6	4.7	5.0	4.9	6.8	5.6	6.8	5.9
UT-RB3	6.3	5.8	7.1	5.5	5.0	4.9	6.9	6.1	5.5	5.9
PST-5S12	6.3	5.9	7.0	5.4	5.1	4.8	6.9	6.1	5.8	5.9
BILTMORE	5.7	5.8	6.7	5.5	5.0	5.0	7.1	6.2	6.2	5.9
NINJA 2 (ATF-800)	6.2	5.9	6.7	5.1	4.8	5.9	7.1	6.2	5.2	5.9
WATCHDOG	5.8	6.1	7.2	5.4	5.0	5.2	6.6	6.0	5.8	5.9
CAYENNE	5.8	5.7	7.2	5.5	5.1	4.8	6.9	6.7	5.4	5.9
BAR FA 1005	6.6	5.5	7.0	5.1	4.8	5.3	6.4	6.4	5.9	5.9
CIS-TF-64	6.2	5.6	6.4	5.8	4.5	5.2	6.6	6.8	5.9	5.9
BAR FA 1003	6.1	5.6	7.1	5.6	5.0	5.0	6.6	6.2	5.8	5.9
CAS-ED	6.0	6.0	6.4	5.7	4.5	4.8	7.1	6.6	5.9	5.9
RENDITION	5.8	5.8	6.8	5.5	4.7	5.0	7.3	6.1	5.8	5.9
BINGO	6.0	5.5	7.2	5.2	5.2	5.0	6.9	6.1	5.8	5.9
FIDELITY (PST-5T1)	6.1	5.7	7.3	5.0	4.8	5.5	6.6	6.7	5.2	5.9
ATF 799	5.6	6.0	7.2	5.1	4.8	4.7	7.1	6.6	5.8	5.9
ESCALADE (01-ORU1)	6.1	6.1	6.7	5.6	4.7	4.8	6.9	6.8	5.1	5.9
TAHOE (CAS-157)	5.9	5.6	7.3	5.4	5.1	5.3	6.9	6.4	4.8	5.9
PROSPECT	5.8	5.3	7.4	5.2	5.0	4.9	7.1	6.1	5.9	5.9
DYNASTY	5.5	5.5	7.3	5.3	4.8	5.7	6.9	6.2	5.6	5.9
K01-WAF	5.6	6.1	7.0	4.6	5.1	5.3	6.9	6.6	5.6	5.9
KALAHARI	5.3	5.6	7.7	5.4	5.1	5.1	6.4	6.5	5.6	5.8
FIREBIRD (CIS-TF-65)	6.1	5.9	7.3	5.0	4.7	4.6	6.7	6.2	6.1	5.8
PST-5LO	6.0	5.6	7.4	5.5	5.0	4.8	6.8	6.1	5.4	5.8
CIS-TF-60	6.0	5.3	7.1	5.6	5.1	4.8	6.8	6.3	5.6	5.8
UT-155	6.4	5.6	7.0	5.1	4.9	4.9	7.1	5.9	5.6	5.8
BLADE RUNNER (ROBERTS SM4)	6.1	5.7	7.6	5.5	4.8	4.5	6.8	6.4	5.3	5.8
KITTY HAWK 2000	5.6	5.5	7.0	4.8	5.1	5.5	6.6	5.9	6.6	5.8
FALCON II	5.9	5.7	7.1	5.3	5.1	5.2	6.9	5.6	5.6	5.8
PST-5FZD	6.0	5.6	7.1	5.2	4.7	5.7	6.7	6.7	4.7	5.8
PST-DDL	5.9	6.0	6.6	5.4	4.6	5.0	6.8	6.7	5.5	5.8
JT-12	5.8	5.6	7.3	5.4	5.0	4.9	6.4	6.5	5.5	5.8
MATADOR GT (PST-5TU0)	5.4	5.7	6.9	5.2	4.9	5.0	6.7	6.3	6.2	5.8
PICK TF H-97	6.6	5.6	6.8	5.1	4.5	4.8	7.1	6.3	5.5	5.8
DYNAMIC (PST-57E)	6.1	5.5	7.4	5.2	5.0	5.0	6.6	6.1	5.4	5.8



TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2003 DATA

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

NAME	IA1	IL1	IL2	KS2	MA1	MO1	NY1	PA1	WI1	MEAN
JT-6	5.9	5.8	6.7	5.3	4.7	4.8	6.8	6.5	5.8	5.8
ATF 702	5.8	5.5	7.3	5.4	4.4	5.4	6.9	6.0	5.5	5.8
BARLEXAS	6.2	5.7	6.4	4.9	4.8	5.3	7.0	6.3	5.6	5.8
TEMPEST	6.2	5.8	6.2	5.1	4.8	5.0	6.9	5.4	6.8	5.8
QUEST	6.3	5.9	6.5	5.3	4.9	5.1	6.6	6.5	5.2	5.8
MATADOR	5.8	5.7	6.7	5.6	4.5	5.5	7.3	5.7	5.4	5.8
ATF 704	6.4	5.9	6.0	5.1	4.6	5.1	6.6	6.2	6.2	5.8
OLYMPIC GOLD	6.1	5.6	7.0	5.4	5.3	5.0	7.1	5.3	5.3	5.8
COVENANT (ATF 802)	5.9	5.3	6.6	4.8	5.0	4.9	6.8	6.1	6.7	5.8
SOUTHERN CHOICE II	6.2	5.4	7.6	5.2	4.8	4.6	6.6	5.6	6.1	5.8
MA 138	6.1	5.5	6.9	5.1	5.1	5.2	6.9	6.0	5.2	5.8
SR 8600	6.1	5.3	6.7	5.4	4.8	4.8	7.3	6.1	5.6	5.8
TAR HEEL II (PST-5TR1)	6.3	5.8	6.8	5.1	5.3	4.8	6.6	6.2	5.2	5.8
WOLFPACK	5.9	5.5	6.8	5.2	5.2	5.0	7.1	5.8	5.4	5.8
REGIMENT II (SRX 805)	5.9	5.7	7.2	5.0	5.1	4.8	6.9	6.2	5.2	5.8
SIGNIA	5.3	5.7	7.1	5.4	4.7	5.2	7.0	6.3	5.3	5.8
MRF 27	5.9	6.0	6.6	5.5	4.7	4.8	7.0	6.2	5.3	5.8
B-7001	6.1	5.3	6.8	5.2	4.8	4.4	6.9	6.4	5.9	5.8
PST-5BAB	6.1	5.7	6.7	4.9	5.0	4.8	6.7	6.1	5.8	5.8
MA 158	5.9	5.4	6.3	5.6	4.9	5.1	7.1	6.1	5.4	5.8
JT-15	5.3	6.1	6.9	5.2	4.8	5.0	6.6	6.8	5.2	5.8
PST-53T	5.1	5.8	6.4	5.0	4.8	5.8	6.8	6.5	5.7	5.8
K01-8015	5.4	5.8	6.7	5.2	4.5	5.3	6.7	6.8	5.3	5.7
STONEWALL (JT-18)	5.7	6.0	5.6	5.4	5.0	4.4	6.9	6.3	6.5	5.7
PST-5NAS	5.7	5.7	7.2	5.4	4.3	5.0	6.8	6.3	5.3	5.7
GO-0D2	5.4	5.9	6.8	5.0	4.8	5.1	6.4	6.5	5.7	5.7
ELISA	6.1	5.5	7.1	4.9	5.2	4.6	6.4	5.4	6.3	5.7
PST-5KI	5.8	5.6	7.0	4.4	5.1	4.9	6.9	6.7	5.2	5.7
TAR HEEL	6.3	5.5	7.1	5.4	4.9	4.6	7.1	5.6	4.9	5.7
JT-13	5.8	5.3	6.4	5.4	4.9	4.8	6.8	6.8	5.3	5.7
SR 8550 (SRX 8BE4)	5.9	5.6	6.1	5.6	4.7	5.2	6.4	6.6	5.3	5.7
SOUTH PAW (MRF 24)	5.4	5.8	7.2	5.3	4.8	5.3	6.6	4.8	6.2	5.7
MRF 26	5.7	6.0	6.1	5.6	4.6	5.5	6.7	6.1	5.1	5.7
MRF 210	5.9	5.6	5.3	5.5	4.9	5.1	7.1	5.9	6.2	5.7
MRF 29	5.0	6.0	6.7	5.0	4.9	5.0	6.9	5.9	5.8	5.7
TRACER	5.7	5.3	6.3	5.0	5.0	4.6	6.8	6.5	6.3	5.7
ATF 586	5.6	5.4	6.6	5.0	4.7	5.5	6.9	5.7	6.0	5.7
PICK ZMG	5.4	5.5	7.3	5.5	4.7	4.8	6.6	6.0	5.4	5.7
DLF-J210	6.0	5.6	6.6	5.2	4.8	4.5	7.1	5.6	5.9	5.7
SR 8250	6.1	5.5	5.9	4.9	5.1	4.8	7.1	6.3	5.5	5.7
JT-9	5.7	5.8	6.2	5.3	5.0	5.1	6.8	6.2	5.1	5.7
LARAMIE	5.8	5.4	6.1	5.2	5.0	5.3	6.8	6.1	5.3	5.7
PICK-00-AFA	6.2	5.1	6.5	4.9	5.2	4.9	6.8	6.6	5.1	5.7
TITAN LTD.	6.7	6.0	6.3	5.1	4.5	4.8	6.9	5.3	5.6	5.7
TOMAHAWK GT	6.1	5.7	6.8	5.0	4.7	5.0	6.8	5.5	5.4	5.7

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2003 DATA

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

NAME	IA1	IL1	IL2	KS2	MA1	MO1	NY1	PA1	WI1	MEAN
DP 50-9226	6.2	5.3	5.6	5.1	4.9	5.3	7.1	5.3	6.2	5.7
STETSON	5.8	5.7	5.9	4.8	5.0	5.4	6.6	5.3	6.4	5.7
MRF 28	5.9	6.1	5.7	5.3	4.7	5.0	6.7	5.9	5.7	5.6
DAYTONA (MRF 23)	5.9	5.3	6.5	5.3	4.9	4.8	6.1	5.4	6.4	5.6
BRAVO	6.3	5.0	6.3	5.2	4.6	5.2	6.8	5.4	5.8	5.6
DP 50-9082	6.4	5.5	6.0	5.0	4.3	5.3	6.6	5.2	6.2	5.6
PST-5KU	5.7	5.5	6.7	5.2	4.5	5.1	6.8	5.9	5.2	5.6
EXPEDETION (ATF-803)	6.3	5.6	6.1	5.0	5.0	4.5	6.8	5.4	5.7	5.6
TROOPER (01-TFOR3)	6.4	5.2	6.8	5.1	4.8	4.4	6.6	5.7	5.3	5.6
NA-TDD	5.4	5.6	6.4	4.6	4.6	5.2	6.9	6.1	5.6	5.6
GO-RD4	6.1	5.5	7.1	5.0	4.7	4.7	6.8	5.4	5.2	5.6
WYATT	6.2	5.5	6.5	4.8	4.6	4.5	6.8	5.4	6.1	5.6
ATF 707	5.6	5.7	6.7	5.0	4.2	4.8	6.9	5.6	5.9	5.6
BAR FA 1CR7	5.5	5.4	5.7	5.8	4.5	5.0	7.0	6.1	5.4	5.6
TF66	5.6	5.5	6.3	5.4	4.5	4.6	6.8	5.8	5.5	5.5
ATF 806	5.4	5.4	6.0	5.1	4.2	5.0	7.1	5.6	6.1	5.5
COYOTE	6.2	5.3	5.8	5.7	4.9	4.5	6.6	5.6	5.3	5.5
PURE GOLD	5.3	5.7	5.9	5.3	4.8	4.8	6.4	5.9	5.6	5.5
TULSA II (ATF 706)	5.9	5.5	6.4	4.5	4.8	4.6	7.1	5.2	5.6	5.5
T991	5.8	5.6	5.8	4.8	4.2	4.8	6.7	5.8	5.8	5.5
LANCER	5.9	5.0	7.2	4.7	4.7	4.8	6.4	4.6	6.0	5.5
GO-FL3	6.4	5.3	6.6	4.6	4.9	4.7	6.6	4.7	5.4	5.5
BONSAI	6.2	5.6	5.2	5.0	4.4	4.9	6.6	5.4	5.5	5.4
GO-SIU2	5.5	5.1	6.4	4.3	4.9	4.5	6.8	5.4	5.4	5.4
JTTFF-2000	5.9	4.8	5.9	5.3	4.0	4.4	6.4	5.5	5.4	5.3
KY-31 E+	4.6	3.8	6.4	3.9	3.8	3.8	6.0	2.7	5.4	4.5
LSD VALUE	0.8	1.2	1.3	0.6	0.5	0.8	0.6	0.7	0.6	0.3
C.V. (%)	8.1	13.1	11.9	7.5	6.3	10.3	5.6	7.5	6.8	9.0

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.

\*\* SCHEDULE B - 2.5 - 3.5 INCH MOWING HEIGHT  
 0 - 2 lbs. N/1000 FT<sup>2</sup>/YEAR  
 NO IRRIGATION, ONLY IRRIGATION DURING SEVERE STRESS OR TO PREVENT DORMANCY

TABLE 3.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT THREE LOCATIONS IN THE U.S. 1/  
UNDER TRAFFIC STRESS  
2003 DATA

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

NAME	MI2	NE2	NJ3	MEAN	NAME	MI2	NE2	NJ3	MEAN
ELISA	4.5	5.7	5.8	5.3	REMBRANDT	4.0	5.7	4.3	4.7
EXPEDETION (ATF-803)	4.5	6.2	5.2	5.3	OLYMPIC GOLD	4.0	3.8	6.1	4.7
GO-FL3	4.5	5.7	5.7	5.3	COYOTE	4.5	4.7	4.8	4.6
NINJA 2 (ATF-800)	4.2	6.7	4.9	5.2	WYATT	4.3	4.7	4.9	4.6
WOLFPACK	4.8	6.0	4.8	5.2	ULTIMATE (01-RUTOR2)	4.7	4.7	4.5	4.6
DP 50-9226	4.2	6.5	4.8	5.2	BRAVO	4.2	5.0	4.7	4.6
TAR HEEL II (PST-5TR1)	4.8	5.7	4.9	5.1	PST-5S12	4.7	4.7	4.5	4.6
DOMINION	4.5	4.7	6.1	5.1	SOUTHERN CHOICE II	4.2	5.7	4.0	4.6
TEMPEST	4.7	5.5	5.1	5.1	B-7001	4.2	5.3	4.3	4.6
GO-OD2	4.5	6.3	4.3	5.0	BINGO	4.2	4.7	5.0	4.6
K01-WAF	4.7	5.5	5.0	5.0	FINELAWN ELITE (DLSD)	4.2	5.0	4.6	4.6
DP 50-9082	4.0	6.5	4.5	5.0	SILVERADO II (PST-578)	4.2	5.5	4.1	4.6
KALAHARI	4.2	6.3	4.4	5.0	TITAN LTD.	4.3	4.3	5.0	4.6
JAGUAR 3	4.5	5.2	5.2	5.0	JT-15	4.0	5.0	4.7	4.6
GO-SIU2	4.2	7.2	3.5	4.9	JUSTICE (RB2-01)	4.5	5.7	3.5	4.6
LEGITIMATE	4.2	6.3	4.3	4.9	PST-5BAB	4.2	4.3	5.2	4.6
MRF 25	4.0	6.2	4.6	4.9	TROOPER (01-TFOR3)	4.0	5.8	3.8	4.6
APACHE III (PST-5A1)	4.0	5.0	5.8	4.9	BARLEXAS II	4.2	5.3	4.1	4.5
MRF 29	4.2	5.8	4.7	4.9	BONSAI	3.8	6.2	3.6	4.5
MRF 28	4.3	6.2	4.2	4.9	RENDITION	4.7	4.0	5.0	4.5
TULSA II (ATF 706)	4.5	4.5	5.6	4.9	PST-5KI	4.5	4.7	4.4	4.5
MRF 211	4.2	6.0	4.4	4.8	ESCALADE (01-ORU1)	4.2	5.2	4.3	4.5
JT-13	4.2	5.5	4.8	4.8	DAYTONA (MRF 23)	3.8	6.0	3.8	4.5
SR 8550 (SRX 8BE4)	4.2	4.8	5.5	4.8	FOCUS	4.5	4.0	5.1	4.5
ENDEAVOR	4.2	5.2	5.1	4.8	FINESSE II	4.2	5.3	4.0	4.5
MILLENNIUM	4.5	5.2	4.8	4.8	GREMLIN (P-58)	4.2	5.2	4.2	4.5
GO-RD4	4.3	5.3	4.8	4.8	MUSTANG 3	4.2	4.8	4.5	4.5
FALCON IV (F-4)	4.5	5.5	4.3	4.8	REBEL SENTRY	4.0	5.0	4.5	4.5
BLACKWATCH (PICK-0D3-01)	4.3	5.2	4.8	4.8	PST-5BZ	4.2	4.8	4.5	4.5
MRF 26	4.2	5.8	4.3	4.8	DYNAMIC (PST-57E)	4.2	5.2	4.0	4.5
SOUTH PAW (MRF 24)	4.2	6.3	3.8	4.8	STETSON	4.7	4.2	4.5	4.4
MRF 210	4.2	5.7	4.4	4.8	ATF 586	4.2	4.8	4.3	4.4
MRF 27	4.3	5.8	4.1	4.8	FORTE (BE-2)	4.0	4.5	4.8	4.4
K01-8007	4.0	6.3	3.9	4.8	PST-5NAS	4.5	4.3	4.5	4.4
K01-8015	4.2	5.2	4.9	4.7	PST-53T	4.5	3.7	5.1	4.4
SR 8600	4.3	5.0	4.9	4.7	BAR FA 1005	4.0	4.8	4.5	4.4
COCHISE III (018)	4.7	5.5	4.0	4.7	BARLEXAS	4.5	4.0	4.8	4.4
R-4	4.8	5.7	3.7	4.7	JT-9	4.5	5.2	3.6	4.4
RIVERSIDE (PROSEEDS 5301)	4.2	5.7	4.3	4.7	MA 127	4.2	4.7	4.4	4.4
MASTERPIECE	4.0	4.7	5.4	4.7	BARRINGTON	4.2	5.0	4.1	4.4
TITANIUM (SBM)	4.5	5.0	4.5	4.7	MATADOR	4.3	4.8	4.0	4.4
UT-RB3	4.0	5.7	4.4	4.7	QUEST	4.2	4.3	4.7	4.4
TOMAHAWK GT	4.3	4.8	4.9	4.7	EA 163	4.3	4.3	4.5	4.4
FALCON II	4.5	5.0	4.5	4.7	GRANDE II	4.3	4.5	4.3	4.4
					REBEL EXEDA	4.3	4.5	4.3	4.4

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT THREE LOCATIONS IN THE U.S. 1/  
UNDER TRAFFIC STRESS  
2003 DATA

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

NAME	MI2	NE2	NJ3	MEAN	NAME	MI2	NE2	NJ3	MEAN
TAR HEEL	4.0	4.0	5.1	4.4	DYNASTY	3.7	4.7	4.0	4.1
DAVINCI (LTP-7801)	4.5	4.8	3.8	4.4	TRACER	4.0	4.2	4.2	4.1
JT-12	4.2	4.5	4.4	4.4	KY-31 E+	4.2	4.5	3.7	4.1
PICASSO	4.0	4.7	4.4	4.4	REGIMENT II (SRX 805)	4.7	4.3	3.3	4.1
PST-5LO	4.0	5.3	3.8	4.4	CIS-TF-67	4.0	4.8	3.5	4.1
TF66	4.2	4.8	4.1	4.4	DLF-J210	4.2	3.7	4.5	4.1
BARRERA	4.2	4.3	4.5	4.3	NA-TDD	4.0	4.8	3.5	4.1
FIVE POINT (MCN-RC)	4.3	4.2	4.5	4.3	PICK ZMG	3.8	4.5	4.0	4.1
SILVERSTAR (PST-5ASR)	4.5	3.3	5.2	4.3	PLANTATION	4.2	5.0	3.1	4.1
CONSTITUTION (ATF-593)	4.2	5.3	3.5	4.3	CIS-TF-64	4.0	5.3	2.9	4.1
PST-5JM	4.5	4.2	4.3	4.3	TAHOE (CAS-157)	4.3	4.3	3.6	4.1
PST-5FZD	4.3	4.8	3.8	4.3	ATF 702	4.2	4.3	3.7	4.1
SR 8250	4.3	5.0	3.6	4.3	MAGELLAN (OD-4)	4.0	4.3	3.9	4.1
MA 158	4.0	4.5	4.4	4.3	GUARDIAN-21 (ROBERTS DOL)	4.0	4.2	4.0	4.1
SCORPION	4.3	4.2	4.4	4.3	K01-E03	3.8	4.0	4.3	4.1
BLADE RUNNER (ROBERTS SM4)	3.7	4.5	4.7	4.3	UT-155	4.2	4.3	3.7	4.1
SIGNIA	4.0	4.8	4.0	4.3	COVENANT (ATF 802)	4.3	4.2	3.6	4.0
BILTMORE	4.0	4.2	4.7	4.3	ATF 704	4.5	4.3	3.3	4.0
MATADOR GT (PST-5TU0)	4.3	4.3	4.2	4.3	PST-DDL	4.0	4.5	3.6	4.0
K01-E09	4.0	5.0	3.8	4.3	PURE GOLD	4.2	4.8	3.1	4.0
CAS-ED	3.7	4.7	4.4	4.3	STONEWALL (JT-18)	4.2	4.0	3.9	4.0
CAYENNE	4.3	4.3	4.1	4.3	ATF 799	4.2	4.3	3.5	4.0
JT-6	3.8	4.8	4.1	4.3	PICK-00-AFA	4.2	3.8	4.0	4.0
PADRE (NJ4)	4.3	3.8	4.6	4.3	JTTFF-2000	4.0	4.7	3.2	4.0
TURBO (CAS-MC1)	4.3	3.7	4.8	4.3	T991	4.2	4.5	3.1	3.9
BAR FA 1003	4.0	4.7	4.0	4.2	INFERNO (JT-99)	4.0	4.0	3.8	3.9
PST-5KU	4.0	4.8	3.9	4.2	CIS-TF-60	4.2	4.0	3.5	3.9
LANCER	4.3	4.5	3.8	4.2	LARAMIE	3.7	4.2	3.8	3.9
RAPTOR (CIS-TF-33)	4.0	4.5	4.1	4.2	AVENGER (L1Z)	4.2	4.2	3.1	3.8
WATCHDOG	4.2	4.0	4.4	4.2	ATF 806	4.2	3.8	3.4	3.8
2ND MILLENNIUM	4.5	4.0	4.0	4.2	ATF 707	4.0	3.3	3.8	3.7
CIS-TF-77	4.0	4.7	3.9	4.2	PICK TF H-97	4.3	3.3	3.4	3.7
MA 138	4.0	5.2	3.3	4.2	KITTY HAWK 2000	3.7	4.2	3.1	3.6
FIDELITY (PST-5T1)	3.8	4.2	4.5	4.2	BAR FA 1CR7	4.0	4.2	2.7	3.6
BE1	4.3	4.3	3.8	4.2					
FIREBIRD (CIS-TF-65)	4.3	4.7	3.5	4.2	LSD VALUE	0.6	1.2	1.2	0.6
PROSPECT	4.0	4.0	4.5	4.2	C.V. (%)	9.0	15.9	17.7	14.9

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 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT ST. LOUIS, MO 1/  
2003 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY BEFORE TRAFFIC MAY	TRAFFIC IN JUNE QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	TRAFFIC IN JULY QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	TRAFFIC IN OCTOBER QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	QUALITY IN END OF GROWING SEASON (NOV)
ULTIMATE (01-RUTOR2)	99	99	7.0	5.3	3.7	5.0	3.7	7.7	6.3	8.0
BAR FA 1005	99	99	7.3	5.3	3.7	5.3	3.3	7.3	6.0	8.0
GUARDIAN-21 (ROBERTS DOL)	99	99	7.0	6.0	3.7	5.3	3.3	8.0	5.3	8.0
PADRE (NJ4)	99	99	7.0	5.7	3.7	5.7	3.3	8.0	6.3	8.0
2ND MILLENNIUM	99	99	6.0	5.7	3.3	5.3	4.0	7.7	6.3	7.7
AVENGER (L1Z)	99	99	6.7	5.3	2.3	5.3	3.3	7.3	6.0	7.7
BLACKWATCH (PICK-OD3-01)	99	99	6.7	6.0	2.7	5.7	3.7	7.0	6.0	7.7
UT-155	99	99	6.0	4.3	2.0	4.7	2.7	7.3	6.0	7.7
BINGO	99	99	5.0	4.3	2.7	5.0	3.0	8.0	5.7	7.3
CIS-TF-60	99	99	5.3	4.7	2.3	5.0	2.7	7.3	6.3	7.3
CIS-TF-67	99	99	6.0	5.7	3.0	5.3	3.3	8.0	6.3	7.3
DAVINCI (LTP-7801)	99	99	6.0	4.7	3.7	6.0	3.7	7.3	6.3	7.3
FINESSE II	99	99	6.0	5.0	2.7	4.7	2.7	7.0	5.7	7.3
FIREBIRD (CIS-TF-65)	99	99	5.3	4.0	3.0	4.7	2.3	7.3	5.3	7.3
FORTE (BE-2)	99	99	6.3	5.0	3.3	4.7	3.0	7.7	5.0	7.3
GO-OD2	99	99	6.0	5.0	3.7	5.3	3.7	7.7	6.0	7.3
GRANDE II	99	99	6.0	5.0	2.7	5.7	3.0	7.3	5.3	7.3
JT-6	99	99	5.7	5.3	2.7	5.0	3.3	7.3	5.3	7.3
K01-8015	99	99	6.0	4.7	3.3	5.7	3.3	8.0	6.3	7.3
MRF 26	99	99	6.0	4.7	3.0	5.7	3.0	7.7	5.7	7.3
PICASSO	99	99	6.7	5.0	2.7	5.3	3.7	6.7	5.0	7.3
PST-5JM	99	99	5.7	4.0	2.7	5.0	3.0	7.7	6.0	7.3
PST-5KI	99	99	5.3	4.0	2.0	4.7	3.0	7.7	6.0	7.3
MATADOR GT (PST-5TU0)	99	99	6.3	4.7	3.0	5.0	2.7	7.0	5.7	7.3
R-4	99	99	6.7	5.3	3.0	6.0	3.7	7.7	6.0	7.3
REBEL EXEDA	99	99	6.3	5.3	3.0	5.0	3.7	7.0	5.7	7.3
SILVERSTAR (PST-5ASR)	99	99	7.0	5.0	3.0	5.7	3.7	6.7	6.0	7.3
SR 8550 (SRX 8BE4)	99	99	6.0	5.3	3.3	5.3	3.3	7.3	5.0	7.3
ESCALADE (01-ORU1)	99	99	6.0	5.0	3.7	5.3	3.7	7.0	6.3	7.0
BAR FA 1CR7	99	99	6.0	4.3	2.3	4.7	2.7	7.3	5.3	7.0
BILTMORE	99	99	5.7	4.3	3.3	5.0	3.0	6.7	5.3	7.0
CONSTITUTION (ATF-593)	99	99	5.7	4.0	2.7	5.0	3.3	7.3	6.0	7.0
INFERNO (JT-99)	99	99	6.7	6.0	4.0	6.0	3.3	7.7	6.3	7.0
JAGUAR 3	99	99	6.0	4.7	2.7	4.7	3.7	6.3	5.7	7.0
JT-12	99	99	5.7	4.3	3.0	4.7	3.0	7.3	5.0	7.0
K01-E09	99	99	5.7	5.0	2.7	5.0	2.7	6.7	5.3	7.0
KALAHARI	99	99	6.7	5.7	3.0	4.7	3.0	7.0	5.3	7.0
MA 127	99	99	6.0	5.3	3.0	5.0	3.3	7.7	6.0	7.0
MA 138	99	99	5.7	5.3	3.3	5.7	3.3	6.7	5.7	7.0
MA 158	99	99	6.3	5.0	3.0	5.3	3.0	7.0	5.3	7.0
MASTERPIECE	99	99	6.0	5.7	3.3	6.0	4.0	6.7	6.3	7.0
MRF 27	99	99	5.7	5.3	3.0	4.7	2.7	7.3	5.7	7.0
MRF 28	99	99	6.0	4.7	3.3	5.0	3.7	7.0	5.3	7.0
MRF 29	99	99	5.7	5.3	3.3	5.3	3.7	6.7	5.0	7.0
MUSTANG 3	99	99	6.3	5.7	3.3	5.0	3.0	7.3	5.3	7.0

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT ST. LOUIS, MO 1/  
2003 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY BEFORE TRAFFIC MAY	TRAFFIC IN JUNE QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	TRAFFIC IN JULY QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	TRAFFIC IN OCTOBER QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	QUALITY IN END OF GROWING SEASON (NOV)
PICK ZMG	99	99.0	6.7	5.3	4.0	5.0	3.3	7.3	6.0	7.0
PICK-00-AFA	99	99.0	6.0	4.7	3.3	5.7	2.7	7.0	5.7	7.0
PLANTATION	99	99.0	6.0	4.7	2.3	4.7	3.0	7.7	5.7	7.0
PST-53T	99	99.0	6.0	4.0	2.3	5.0	3.7	7.7	5.7	7.0
PST-5FZD	99	99.0	5.7	5.0	3.0	4.7	4.0	7.3	6.0	7.0
PST-5NAS	99	99.0	6.0	5.0	3.3	4.7	3.3	7.3	5.0	7.0
PST-DDL	99	99.0	5.7	4.3	2.3	5.0	3.0	7.0	5.3	7.0
RAPTOR (CIS-TF-33)	99	99.0	5.3	5.0	2.7	5.0	3.0	6.7	5.3	7.0
REGIMENT II (SRX 805)	99	99.0	5.7	4.7	2.7	5.3	3.3	7.3	5.3	7.0
SCORPION	99	99.0	6.0	4.7	3.3	5.0	3.3	6.7	5.3	7.0
STONEWALL (JT-18)	99	99.0	6.3	4.7	2.7	4.7	3.3	7.3	5.7	7.0
TAR HEEL II (PST-5TR1)	99	99.0	5.3	4.3	3.0	5.7	3.3	7.3	5.7	7.0
ATF 702	99	99.0	5.0	4.7	3.0	5.0	3.0	7.3	6.3	6.7
ATF 799	99	99.0	5.7	5.0	3.0	5.0	3.0	7.0	4.7	6.7
B-7001	99	99.0	5.7	4.7	2.7	5.3	3.3	7.3	5.7	6.7
BARLEXAS	99	99.0	6.0	4.7	2.7	5.3	3.0	7.0	4.7	6.7
BLADE RUNNER (ROBERTS SM4)	99	99.0	5.3	5.3	3.3	4.7	3.0	7.3	5.7	6.7
CAS-ED	99	99.0	5.7	4.7	2.3	5.3	3.3	7.0	5.3	6.7
CAYENNE	99	99.0	6.0	5.3	3.7	5.3	3.0	7.0	5.0	6.7
CIS-TF-64	99	97.7	6.7	5.3	3.7	3.7	2.7	7.0	5.7	6.7
CIS-TF-77	99	99.0	5.7	4.0	2.3	5.0	3.3	7.0	5.7	6.7
DP 50-9082	99	99.0	5.0	5.0	3.0	4.7	3.0	7.3	4.7	6.7
DP 50-9226	99	99.0	5.3	4.3	2.7	4.7	3.3	7.3	5.3	6.7
EA 163	99	97.7	5.7	4.7	2.7	5.3	4.0	6.7	5.7	6.7
FALCON II	99	99.0	5.3	4.7	2.7	5.0	3.0	7.3	5.0	6.7
FALCON IV (F-4)	99	99.0	6.3	4.7	3.0	5.3	3.3	7.3	5.3	6.7
GO-SIU2	99	99.0	6.3	5.3	3.0	4.7	4.0	6.0	5.0	6.7
JT-13	99	99.0	5.7	4.3	3.0	5.0	3.3	6.7	5.0	6.7
JT-15	99	99.0	5.0	4.0	2.7	4.0	3.3	7.0	5.3	6.7
K01-8007	99	99.0	5.3	5.7	2.7	4.7	3.3	8.0	5.3	6.7
MAGELLAN (OD-4)	99	99.0	6.0	5.0	3.3	5.3	3.7	7.7	6.3	6.7
MILLENNIUM	99	99.0	5.3	5.0	2.7	5.0	3.0	6.7	4.7	6.7
NA-TDD	99	99.0	5.3	4.7	2.3	5.0	2.3	7.3	5.3	6.7
DYNAMIC (PST-57E)	99	99.0	6.0	4.7	3.3	5.0	3.3	7.3	5.3	6.7
APACHE III (PST-5A1)	99	97.7	5.7	4.7	2.7	5.0	3.0	6.7	5.3	6.7
PST-5BAB	99	99.0	5.7	4.0	3.0	6.0	3.0	7.0	5.7	6.7
PST-5BZ	99	99.0	5.0	5.0	2.7	4.7	2.7	7.7	5.3	6.7
PST-5KU	99	99.0	5.3	4.3	2.0	5.7	3.7	6.7	5.0	6.7
PST-5LO	99	99.0	5.7	6.0	3.0	4.7	3.7	7.0	5.7	6.7
PURE GOLD	99	99.0	5.3	5.0	3.7	5.3	3.7	6.3	5.0	6.7
REMBRANDT	99	99.0	5.7	5.7	3.7	5.3	2.3	6.3	5.3	6.7
RENDITION	99	99.0	5.7	4.7	3.0	4.7	3.3	7.3	5.7	6.7
RIVERSIDE (PROSEEDS 5301)	99	99.0	5.7	4.7	3.7	5.7	3.0	7.0	6.0	6.7
SIGNIA	99	99.0	5.7	5.0	2.7	5.0	3.0	6.7	5.0	6.7
SILVERADO II (PST-578)	99	99.0	6.0	4.7	2.3	5.3	3.3	7.3	5.0	6.7

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT ST. LOUIS, MO 1/  
2003 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY BEFORE TRAFFIC MAY	TRAFFIC IN JUNE QUALITY BEFORE TRAFFIC	TRAFFIC IN JUNE QUALITY AFTER TRAFFIC	TRAFFIC IN JULY QUALITY BEFORE TRAFFIC	TRAFFIC IN JULY QUALITY AFTER TRAFFIC	TRAFFIC IN OCTOBER QUALITY BEFORE TRAFFIC	TRAFFIC IN OCTOBER QUALITY AFTER TRAFFIC	QUALITY IN END OF GROWING SEASON (NOV)
SR 8250	96	97.7	5.0	4.7	2.7	4.3	3.3	6.3	4.3	6.7
T991	99	99.0	6.0	4.3	2.3	4.3	2.3	6.3	4.3	6.7
TEMPEST	99	99.0	5.7	5.0	3.0	5.0	3.3	6.3	5.0	6.7
TITANIUM (SBM)	99	99.0	5.3	5.3	3.0	4.7	3.0	7.0	5.3	6.7
TURBO (CAS-MC1)	99	99.0	5.7	5.0	2.7	6.0	3.3	7.0	5.0	6.7
UT-RB3	99	99.0	6.3	5.3	3.3	5.0	3.3	7.3	6.0	6.7
WYATT	99	99.0	5.3	5.0	2.7	4.3	3.7	6.3	5.0	6.7
TROOPER (01-TFOR3)	99	99.0	5.7	5.0	2.7	4.7	3.0	6.3	5.0	6.3
ATF 704	99	97.7	6.0	5.0	2.0	4.3	2.3	5.7	4.7	6.3
ATF 806	99	99.0	5.7	4.3	2.7	4.7	2.3	6.7	5.0	6.3
BARLEXAS II	99	99.0	6.3	5.0	3.3	5.0	3.0	6.7	5.7	6.3
BARRINGTON	99	99.0	5.7	5.0	2.7	5.3	3.7	6.7	4.7	6.3
BE1	99	99.0	6.0	5.7	2.7	4.7	3.0	7.0	5.0	6.3
BONSAI	99	99.0	5.0	4.0	2.3	5.3	2.0	6.7	4.7	6.3
BRAVO	99	99.0	5.7	5.3	2.0	4.7	2.3	6.0	4.7	6.3
COCHISE III (018)	99	99.0	6.0	4.7	3.3	5.0	3.0	7.0	5.3	6.3
COVENANT (ATF 802)	99	99.0	5.0	4.7	2.3	4.7	2.3	6.3	5.3	6.3
COYOTE	99	99.0	5.3	4.3	2.3	4.3	3.0	6.0	5.3	6.3
DYNASTY	99	99.0	5.3	4.7	2.7	4.7	3.0	6.7	5.0	6.3
EXPEDETION (ATF-803)	99	99.0	5.7	4.0	2.7	5.0	2.7	7.0	5.0	6.3
FINELAWN ELITE (DLSD)	99	99.0	6.0	5.7	3.3	5.0	3.7	7.0	4.7	6.3
FIVE POINT (MCN-RC)	99	99.0	5.3	5.0	2.7	5.0	3.0	7.0	6.0	6.3
FOCUS	99	99.0	5.0	5.0	3.3	5.3	3.3	7.0	5.0	6.3
GREMLIN (P-58)	99	97.7	5.3	4.3	3.3	4.7	2.7	7.3	5.0	6.3
JT-9	96	99.0	5.7	4.0	3.0	5.0	3.7	6.7	5.0	6.3
JTTFF-2000	99	99.0	5.0	3.7	2.3	4.3	2.3	6.7	5.0	6.3
JUSTICE (RB2-01)	96	97.7	5.3	5.0	3.3	5.3	2.3	6.7	5.0	6.3
KO1-WAF	99	99.0	5.7	5.0	2.7	4.7	3.0	6.3	5.0	6.3
LARAMIE	99	97.7	5.7	5.0	2.3	5.0	3.3	6.0	5.0	6.3
LEGITIMATE	99	99.0	5.3	5.0	3.7	5.0	3.0	6.3	5.0	6.3
MRF 210	99	99.0	5.3	4.7	3.3	5.0	3.7	6.3	5.7	6.3
MRF 211	99	99.0	6.0	5.0	3.3	4.7	3.3	7.0	5.3	6.3
MRF 25	99	99.0	6.0	4.7	2.7	5.0	3.0	6.7	5.0	6.3
NINJA 2 (ATF-800)	99	99.0	5.3	4.3	3.0	5.0	2.7	7.3	5.3	6.3
OLYMPIC GOLD	99	99.0	5.3	5.0	2.7	5.0	3.3	6.3	5.3	6.3
PICK TF H-97	99	99.0	5.7	4.7	2.7	4.7	3.7	6.7	5.3	6.3
PROSPECT	99	99.0	5.7	5.0	3.0	5.0	3.0	6.7	5.3	6.3
PST-5S12	99	99.0	5.0	5.3	2.7	5.3	3.7	6.7	5.0	6.3
FIDELITY (PST-5T1)	99	99.0	6.0	5.3	3.0	5.0	3.0	7.0	5.3	6.3
REBEL SENTRY	99	99.0	6.0	4.7	3.3	5.3	3.0	6.7	5.0	6.3
SOUTH PAW (MRF 24)	99	99.0	5.0	4.3	3.0	5.3	3.7	6.0	5.0	6.3
SR 8600	99	99.0	6.0	5.0	2.3	5.0	3.3	7.0	4.7	6.3
STETSON	99	99.0	6.0	4.3	2.3	4.3	2.7	6.3	5.0	6.3
TAHOE (CAS-157)	99	99.0	5.7	4.7	3.0	5.7	3.7	7.3	6.3	6.3
TAR HEEL	99	99.0	5.3	5.0	3.7	5.0	3.3	7.0	5.0	6.3

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT ST. LOUIS, MO 1/  
2003 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT	PERCENT	QUALITY	TRAFFIC IN JUNE		TRAFFIC IN JULY		TRAFFIC IN OCTOBER		QUALITY
	COVER SPRING	COVER FALL	BEFORE TRAFFIC MAY	QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	QUALITY BEFORE TRAFFIC	QUALITY AFTER TRAFFIC	IN END OF GROWING SEASON (NOV)
WATCHDOG	99.0	99.0	5.0	4.0	2.7	4.3	4.0	5.7	5.0	6.3
WOLFPACK	99.0	99.0	6.3	5.7	3.0	5.0	3.0	6.3	5.7	6.3
ATF 586	99.0	99.0	5.7	4.7	3.3	4.7	2.7	6.0	4.7	6.0
BAR FA 1003	99.0	99.0	5.7	5.0	3.0	4.3	2.3	6.3	5.0	6.0
BARRERA	99.0	99.0	5.7	4.3	2.3	5.0	3.7	7.0	5.3	6.0
DAYTONA (MRF 23)	99.0	99.0	5.0	4.7	3.0	4.7	3.3	6.7	5.3	6.0
DOMINION	99.0	99.0	5.3	4.7	3.0	5.0	3.0	6.0	5.0	6.0
ELISA	96.0	96.0	5.7	4.0	3.0	3.7	2.3	5.7	4.0	6.0
ENDEAVOR	96.0	96.0	5.0	4.7	3.0	4.3	4.0	6.3	5.0	6.0
GO-FL3	97.7	97.7	5.3	4.3	2.3	4.7	2.7	5.0	4.0	6.0
GO-RD4	99.0	99.0	6.0	4.7	3.0	4.7	3.3	5.7	4.3	6.0
K01-E03	96.3	99.0	4.7	4.0	2.0	4.3	3.7	7.0	5.3	6.0
KITTY HAWK 2000	99.0	99.0	5.3	5.0	2.0	4.3	1.7	6.3	4.0	6.0
LANCER	97.7	99.0	5.0	5.0	2.3	5.0	3.7	6.7	5.7	6.0
MATADOR	99.0	99.0	5.0	4.3	2.3	4.7	3.0	7.0	5.3	6.0
QUEST	99.0	99.0	5.0	4.7	3.0	5.0	3.0	6.0	4.7	6.0
TF66	94.3	97.7	4.7	4.0	2.7	5.0	2.7	6.0	5.0	6.0
TOMAHAWK GT	99.0	99.0	5.0	4.7	3.3	5.0	3.0	6.3	5.0	6.0
TRACER	96.0	99.0	4.7	4.0	2.7	4.3	2.3	6.0	4.7	6.0
TULSA II (ATF 706)	99.0	99.0	5.3	5.3	3.0	5.3	2.7	6.3	4.7	6.0
ATF 707	99.0	99.0	5.0	5.0	2.7	4.7	3.0	6.0	4.7	5.7
DLF-J210	96.0	99.0	5.3	4.3	2.7	5.0	2.0	6.3	4.7	5.7
SOUTHERN CHOICE II	99.0	99.0	5.7	5.3	3.3	5.3	3.3	6.0	4.3	5.7
TITAN LTD.	97.7	97.7	4.7	4.7	2.7	4.0	2.7	5.7	4.3	5.7
KY-31 E+	83.3	91.7	3.0	2.0	2.3	2.0	2.0	3.3	2.0	2.7
LSD VALUE	2.2	1.6	2.8	1.6	2.5	1.7	3.3	1.4	1.4	1.7
C.V. (%)	1.3	0.9	15.3	14.8	24.4	14.1	24.7	10.6	13.6	11.7

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 5.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE NORTHEAST REGION  
2003 DATA

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

NAME	MA1	NY1	PA1	MEAN	NAME	MA1	NY1	PA1	MEAN
R-4	5.5	7.3	7.3	6.7	FINESSE II	4.8	6.9	6.6	6.1
INFERNO (JT-99)	5.2	7.3	6.9	6.5	GRANDE II	5.1	6.9	6.2	6.1
AVENGER (L1Z)	5.2	7.0	7.0	6.4	FOCUS	5.1	6.8	6.3	6.1
ULTIMATE (01-RUTOR2)	4.9	6.9	7.2	6.3	SILVERADO II (PST-578)	5.2	7.0	6.1	6.1
PADRE (NJ4)	5.1	6.6	7.3	6.3	APACHE III (PST-5A1)	5.4	6.7	6.1	6.1
TURBO (CAS-MC1)	5.4	7.3	6.2	6.3	REMBRANDT	5.0	6.7	6.4	6.1
K01-E09	5.1	6.9	6.9	6.3	BE1	5.1	6.9	6.2	6.1
CIS-TF-67	5.2	6.8	6.9	6.3	CAS-ED	4.5	7.1	6.6	6.1
COCHISE III (018)	5.0	7.3	6.7	6.3	BINGO	5.2	6.9	6.1	6.1
REBEL EXEDA	5.3	6.8	6.8	6.3	JT-15	4.8	6.6	6.8	6.1
TITANIUM (SBM)	5.2	7.1	6.6	6.3	B-7001	4.8	6.9	6.4	6.1
PICASSO	5.2	6.9	6.7	6.3	CONSTITUTION (ATF-593)	4.9	7.1	6.2	6.1
CIS-TF-77	5.2	7.1	6.6	6.3	CIS-TF-60	5.1	6.8	6.3	6.1
RAPTOR (CIS-TF-33)	4.8	7.1	6.9	6.3	SCORPION	5.0	7.1	6.1	6.1
2ND MILLENNIUM	5.3	7.1	6.4	6.3	REGIMENT II (SRX 805)	5.1	6.9	6.2	6.1
BLACKWATCH (PICK-OD3-01)	5.0	7.3	6.5	6.3	NINJA 2 (ATF-800)	4.8	7.1	6.2	6.1
FALCON IV (F-4)	4.8	7.3	6.7	6.3	STONEWALL (JT-18)	5.0	6.9	6.3	6.0
GREMLIN (P-58)	4.9	6.6	7.3	6.3	SR 8600	4.8	7.3	6.1	6.0
JUSTICE (RB2-01)	5.2	7.1	6.5	6.3	MA 158	4.9	7.1	6.1	6.0
CAYENNE	5.1	6.9	6.7	6.2	PROSPECT	5.0	7.1	6.1	6.0
PST-5KI	5.1	6.9	6.7	6.2	RENDITION	4.7	7.3	6.1	6.0
GUARDIAN-21 (ROBERTS DOL)	4.9	6.8	7.1	6.2	PST-5FZD	4.7	6.7	6.7	6.0
PLANTATION	5.1	7.1	6.4	6.2	PST-5S12	5.1	6.9	6.1	6.0
SILVERSTAR (PST-5ASR)	5.6	6.9	6.2	6.2	PST-53T	4.8	6.8	6.5	6.0
FINELAWN ELITE (DLSD)	5.2	6.8	6.7	6.2	WOLFPACK	5.2	7.1	5.8	6.0
K01-WAF	5.1	6.9	6.6	6.2	K01-8015	4.5	6.7	6.8	6.0
MASTERPIECE	5.2	7.1	6.3	6.2	MA 127	4.8	6.6	6.7	6.0
RIVERSIDE (PROSEEDS 5301)	5.1	6.4	7.1	6.2	FIDELITY (PST-5T1)	4.8	6.6	6.7	6.0
SR 8250	5.1	7.1	6.3	6.2	REBEL SENTRY	5.0	7.0	6.1	6.0
FORTE (BE-2)	5.3	6.7	6.5	6.2	UT-RB3	5.0	6.9	6.1	6.0
PICK-00-AFA	5.2	6.8	6.6	6.2	PST-DDL	4.6	6.8	6.7	6.0
JAGUAR 3	5.5	6.9	6.1	6.2	TAR HEEL II (PST-5TR1)	5.3	6.6	6.2	6.0
MAGELLAN (OD-4)	5.3	6.6	6.6	6.2	BARLEXAS	4.8	7.0	6.3	6.0
TAHOE (CAS-157)	5.1	6.9	6.4	6.2	KALAHARI	5.1	6.4	6.5	6.0
DAVINCI (LTP-7801)	5.0	7.0	6.6	6.2	MA 138	5.1	6.9	6.0	6.0
MUSTANG 3	5.3	6.7	6.5	6.2	JT-9	5.0	6.8	6.2	6.0
FIVE POINT (MCN-RC)	5.0	7.1	6.3	6.1	PICK TF H-97	4.5	7.1	6.3	6.0
JT-13	4.9	6.8	6.8	6.1	MATADOR GT (PST-5TU0)	4.9	6.7	6.3	6.0
BARRERA	5.0	6.9	6.5	6.1	PST-5JM	4.8	6.6	6.6	6.0
ATF 799	4.8	7.1	6.6	6.1	BLADE RUNNER (ROBERTS SM4)	4.8	6.8	6.4	6.0
ESCALADE (01-ORU1)	4.7	6.9	6.8	6.1	K01-8007	4.6	7.1	6.3	6.0
BARRINGTON	4.8	7.1	6.4	6.1	SIGNIA	4.7	7.0	6.3	6.0
BILTMORE	5.0	7.1	6.2	6.1	UT-155	4.9	7.1	5.9	6.0
TRACER	5.0	6.8	6.5	6.1	QUEST	4.9	6.6	6.5	6.0
					JT-6	4.7	6.8	6.5	6.0

TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE NORTHEAST REGION  
2003 DATA

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

NAME	MA1	NY1	PA1	MEAN	NAME	MA1	NY1	PA1	MEAN
JT-12	5.0	6.4	6.5	6.0	ATF 586	4.7	6.9	5.7	5.8
LARAMIE	5.0	6.8	6.1	6.0	DP 50-9226	4.9	7.1	5.3	5.8
PST-5L0	5.0	6.8	6.1	6.0	PICK ZMG	4.7	6.6	6.0	5.8
PST-5BAB	5.0	6.7	6.1	6.0	MRF 28	4.7	6.7	5.9	5.8
DYNASTY	4.8	6.9	6.2	6.0	PURE GOLD	4.8	6.4	5.9	5.7
MRF 210	4.9	7.1	5.9	6.0	PST-5KU	4.5	6.8	5.9	5.7
CIS-TF-64	4.5	6.6	6.8	6.0	EXPEDETION (ATF-803)	5.0	6.8	5.4	5.7
MRF 27	4.7	7.0	6.2	5.9	TEMPEST	4.8	6.9	5.4	5.7
MRF 25	4.8	6.9	6.2	5.9	MRF 211	4.7	6.6	5.9	5.7
DOMINION	5.1	7.3	5.4	5.9	TROOPER (01-TFOR3)	4.8	6.6	5.7	5.7
COVENANT (ATF 802)	5.0	6.8	6.1	5.9	GO-SIU2	4.9	6.8	5.4	5.7
PST-5BZ	4.8	6.9	6.1	5.9	COYOTE	4.9	6.6	5.6	5.7
BAR FA 1003	5.0	6.6	6.2	5.9	TULSA II (ATF 706)	4.8	7.1	5.2	5.7
MRF 29	4.9	6.9	5.9	5.9	TF66	4.5	6.8	5.8	5.7
OLYMPIC GOLD	5.3	7.1	5.3	5.9	ELISA	5.2	6.4	5.4	5.7
SR 8550 (SRX 8BE4)	4.7	6.4	6.6	5.9	LEGITIMATE	4.9	6.6	5.5	5.7
GO-0D2	4.8	6.4	6.5	5.9	TOMAHAWK GT	4.7	6.8	5.5	5.7
EA 163	4.9	6.9	5.9	5.9	SOUTHERN CHOICE II	4.8	6.6	5.6	5.6
BAR FA 1005	4.8	6.4	6.4	5.9	STETSON	5.0	6.6	5.3	5.6
FIREBIRD (CIS-TF-65)	4.7	6.7	6.2	5.9	GO-RD4	4.7	6.8	5.4	5.6
NA-TDD	4.6	6.9	6.1	5.9	WYATT	4.6	6.8	5.4	5.6
DYNAMIC (PST-57E)	5.0	6.6	6.1	5.9	ATF 806	4.2	7.1	5.6	5.6
TAR HEEL	4.9	7.1	5.6	5.9	BRAVO	4.6	6.8	5.4	5.6
FALCON II	5.1	6.9	5.6	5.9	T991	4.2	6.7	5.8	5.6
KITTY HAWK 2000	5.1	6.6	5.9	5.9	TITAN LTD.	4.5	6.9	5.3	5.6
WATCHDOG	5.0	6.6	6.0	5.8	ATF 707	4.2	6.9	5.6	5.6
MATADOR	4.5	7.3	5.7	5.8	DAYTONA (MRF 23)	4.9	6.1	5.4	5.5
BAR FA 1CR7	4.5	7.0	6.1	5.8	BONSAI	4.4	6.6	5.4	5.5
DLF-J210	4.8	7.1	5.6	5.8	GO-FL3	4.9	6.6	4.7	5.4
MRF 26	4.6	6.7	6.1	5.8	SOUTH PAW (MRF 24)	4.8	6.6	4.8	5.4
PST-5NAS	4.3	6.8	6.3	5.8	DP 50-9082	4.3	6.6	5.2	5.4
K01-E03	4.9	6.7	5.8	5.8	JTTF-2000	4.0	6.4	5.5	5.3
ENDEAVOR	5.0	6.8	5.6	5.8	LANCER	4.7	6.4	4.6	5.2
BARLEXAS II	4.7	6.7	5.9	5.8	KY-31 E+	3.8	6.0	2.7	4.2
ATF 702	4.4	6.9	6.0	5.8					
ATF 704	4.6	6.6	6.2	5.8	LSD VALUE	0.5	0.6	0.7	0.4
MILLENNIUM	5.0	6.4	5.8	5.8	C.V. (%)	6.3	5.6	7.5	6.5

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.

TABLE 6.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT FOUR LOCATIONS 1/  
IN THE MID-ATLANTIC REGION  
2003 DATA

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

NAME	MD1	NJ1	NJ2	VA1	MEAN	NAME	MD1	NJ1	NJ2	VA1	MEAN
R-4	6.3	6.2	6.3	6.4	6.3	GO-OD2	6.1	4.6	5.2	6.6	5.6
COCHISE III (O18)	7.0	5.1	6.2	6.4	6.2	FIREBIRD (CIS-TF-65)	5.7	5.1	5.3	6.3	5.6
CAYENNE	6.8	5.6	5.8	6.4	6.1	BE1	5.9	4.6	5.2	6.7	5.6
DAVINCI (LTP-7801)	6.4	5.4	6.3	6.3	6.1	CIS-TF-77	5.7	4.9	5.3	6.3	5.5
K01-8015	6.2	5.9	6.0	6.3	6.1	PST-5BZ	5.9	4.9	4.8	6.5	5.5
AVENGER (L1Z)	6.2	5.5	6.2	6.4	6.1	GREMLIN (P-58)	6.3	4.2	5.2	6.4	5.5
TITANIUM (SBM)	6.4	5.2	5.9	6.6	6.0	MA 127	6.2	4.7	4.9	6.1	5.5
INFERNO (JT-99)	6.5	5.5	6.3	5.7	6.0	PST-5BAB	6.2	4.7	4.7	6.3	5.5
JUSTICE (RB2-01)	5.5	5.0	6.6	6.8	6.0	MUSTANG 3	5.6	5.2	5.3	5.9	5.5
GUARDIAN-21 (ROBERTS DOL)	6.6	5.7	5.9	5.7	6.0	CIS-TF-64	5.9	4.6	5.4	6.1	5.5
FIDELITY (PST-5T1)	6.1	5.4	5.3	7.1	6.0	K01-E09	5.6	4.9	5.0	6.4	5.5
FINELAWN ELITE (DLSO)	6.3	5.5	5.7	6.3	5.9	PST-5JM	5.6	5.4	5.0	5.9	5.5
TAR HEEL II (PST-5TR1)	5.7	6.3	4.7	6.9	5.9	PST-5NAS	6.3	4.7	4.9	5.9	5.5
ESCALADE (01-ORU1)	6.2	5.5	5.5	6.5	5.9	PST-5KU	5.8	4.5	5.0	6.4	5.4
FALCON IV (F-4)	5.7	5.1	6.2	6.6	5.9	GRANDE II	5.8	4.8	4.8	6.5	5.4
BLACKWATCH (PICK-OD3-01)	5.6	5.4	5.7	6.8	5.9	SILVERSTAR (PST-5ASR)	5.7	4.8	4.7	6.5	5.4
PADRE (NJ4)	6.6	5.7	5.4	5.8	5.8	OLYMPIC GOLD	5.6	5.2	4.6	6.2	5.4
ULTIMATE (01-RUTOR2)	6.2	5.5	5.2	6.5	5.8	WOLFPACK	5.5	5.1	4.6	6.4	5.4
MAGELLAN (OD-4)	6.6	5.1	5.3	6.2	5.8	JT-12	5.6	4.7	5.1	6.2	5.4
SR 8550 (SRX 8BE4)	6.3	5.0	5.1	6.7	5.8	PICASSO	5.5	4.8	4.8	6.5	5.4
PST-5FZD	5.9	5.7	5.3	6.2	5.8	PST-5S12	5.2	4.9	4.9	6.5	5.4
TURBO (CAS-MC1)	6.1	5.1	5.6	6.3	5.8	SR 8250	5.6	4.2	4.9	6.8	5.4
BINGO	5.1	5.6	5.8	6.6	5.8	JT-15	5.7	4.7	5.2	5.9	5.4
SILVERADO II (PST-578)	6.1	5.4	4.8	6.8	5.8	MRF 29	6.3	4.0	4.7	6.5	5.4
BAR FA 1005	5.8	5.5	5.4	6.3	5.8	PST-53T	5.7	5.2	4.8	5.7	5.4
CIS-TF-60	6.3	4.8	5.5	6.3	5.7	MATADOR GT (PST-5TU0)	6.2	4.3	5.0	5.9	5.3
REBEL EXEDA	6.6	5.0	5.5	6.0	5.7	UT-155	5.9	4.6	5.0	5.8	5.3
RAPTOR (CIS-TF-33)	6.0	5.0	5.7	6.3	5.7	QUEST	5.7	5.1	4.6	5.9	5.3
FIVE POINT (MCN-RC)	6.3	5.1	5.3	6.3	5.7	PST-DDL	5.7	4.8	5.1	5.8	5.3
K01-8007	6.6	5.1	5.0	6.1	5.7	ATF 702	5.7	4.6	5.3	5.8	5.3
K01-WAF	5.7	5.2	5.3	6.6	5.7	PST-5LO	5.7	4.6	4.7	6.3	5.3
PST-5KI	5.8	5.2	5.1	6.7	5.7	MA 158	5.6	4.0	5.3	6.2	5.3
APACHE III (PST-5A1)	6.2	4.8	5.2	6.6	5.7	FORTE (BE-2)	5.7	4.7	5.5	5.3	5.3
KALAHARI	6.2	4.8	5.7	6.1	5.7	REGIMENT II (SRX 805)	6.1	3.5	4.8	6.7	5.3
MASTERPIECE	5.8	5.2	5.0	6.8	5.7	CONSTITUTION (ATF-593)	5.9	4.2	5.0	6.0	5.3
RIVERSIDE (PROSEEDS 5301)	6.3	5.0	5.1	6.3	5.7	BLADE RUNNER (ROBERTS SM4)	5.7	4.8	5.0	5.7	5.3
DYNAMIC (PST-57E)	6.1	5.2	5.2	6.2	5.7	PICK-00-AFA	5.8	4.5	4.8	5.9	5.3
UT-RB3	5.7	5.4	5.1	6.5	5.7	MRF 28	6.2	3.9	4.3	6.6	5.2
BILTMORE	6.1	4.8	5.8	6.0	5.7	K01-E03	4.9	4.3	5.5	6.1	5.2
2ND MILLENNIUM	5.5	5.6	5.8	5.6	5.6	PICK ZMG	5.7	4.7	4.4	6.0	5.2
CIS-TF-67	5.7	4.8	5.8	6.2	5.6	MRF 211	5.9	4.3	4.3	6.3	5.2
EA 163	6.2	4.9	4.9	6.5	5.6	BARRINGTON	5.8	4.6	4.3	6.0	5.2
ATF 799	6.3	4.4	5.2	6.5	5.6	MATADOR	5.7	4.6	5.0	5.4	5.2
REMBRANDT	6.1	5.0	4.8	6.5	5.6	CAS-ED	5.6	4.5	4.6	6.0	5.2
						MRF 27	6.0	4.1	4.5	6.1	5.2

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT FOUR LOCATIONS 1/  
IN THE MID-ATLANTIC REGION  
2003 DATA

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

NAME	MD1	NJ1	NJ2	VA1	MEAN	NAME	MD1	NJ1	NJ2	VA1	MEAN
DYNASTY	5.1	4.5	5.0	6.1	5.2	JAGUAR 3	5.0	4.2	3.9	6.1	4.8
NA-TDD	6.2	4.3	4.5	5.6	5.2	PURE GOLD	5.1	3.7	5.0	5.5	4.8
JT-6	6.0	4.1	5.0	5.5	5.2	MILLENNIUM	5.2	3.7	4.3	5.9	4.8
JT-9	6.3	3.8	4.8	5.7	5.1	MRF 26	5.4	3.5	4.1	6.0	4.8
TAR HEEL	5.2	5.0	4.2	6.2	5.1	SOUTHERN CHOICE II	5.2	3.3	4.1	6.3	4.7
SR 8600	5.0	4.2	4.8	6.5	5.1	TEMPEST	5.0	4.0	3.5	6.1	4.6
MA 138	5.9	4.1	4.3	6.1	5.1	TROOPER (01-TFOR3)	5.1	3.4	3.8	6.2	4.6
WATCHDOG	5.4	4.6	4.3	6.2	5.1	ATF 586	5.1	4.2	4.1	5.1	4.6
SIGNIA	5.3	4.6	4.7	5.8	5.1	COYOTE	5.1	3.5	3.7	6.1	4.6
RENDITION	5.4	4.1	5.1	5.7	5.1	LANCER	5.5	3.3	3.8	5.7	4.6
FINESSE II	5.6	4.4	5.1	5.3	5.1	KITTY HAWK 2000	4.9	3.7	4.0	5.7	4.6
TAHOE (CAS-157)	5.4	3.9	5.0	6.1	5.1	TOMAHAWK GT	4.9	4.0	3.9	5.5	4.6
PICK TF H-97	5.3	5.1	4.5	5.4	5.1	BARLEXAS	4.9	4.0	3.8	5.5	4.6
REBEL SENTRY	5.7	3.8	5.2	5.7	5.1	TULSA II (ATF 706)	4.7	4.0	3.6	5.9	4.5
JT-13	5.4	4.4	5.1	5.4	5.1	TF66	4.8	3.5	3.8	6.1	4.5
SCORPION	5.0	4.6	4.5	6.2	5.1	LARAMIE	5.2	3.6	3.8	5.5	4.5
MRF 210	5.8	4.1	4.2	6.2	5.1	TITAN LTD.	5.3	3.6	3.7	5.6	4.5
B-7001	5.6	3.9	4.9	5.8	5.1	DAYTONA (MRF 23)	5.4	3.2	3.6	5.9	4.5
MRF 25	6.2	4.1	4.1	5.8	5.0	ELISA	4.6	4.4	3.2	5.7	4.4
NINJA 2 (ATF-800)	6.0	3.9	4.3	6.1	5.0	T991	5.1	3.5	3.8	5.3	4.4
PLANTATION	5.8	3.6	4.7	6.1	5.0	DLF-J210	4.9	3.0	3.7	6.0	4.4
BARRERA	5.7	4.1	4.5	5.8	5.0	BAR FA 1CR7	5.4	3.2	3.7	5.3	4.4
PROSPECT	5.1	4.5	4.3	6.2	5.0	FALCON II	4.9	3.2	3.2	6.1	4.4
COVENANT (ATF 802)	5.6	3.9	4.8	5.9	5.0	ATF 704	5.0	3.3	3.7	5.4	4.3
DP 50-9226	5.6	3.9	4.0	6.5	5.0	SOUTH PAW (MRF 24)	5.2	3.1	3.3	5.7	4.3
STONEWALL (JT-18)	6.1	4.0	4.5	5.2	4.9	STETSON	5.2	3.4	3.5	5.3	4.3
DOMINION	5.6	4.5	3.8	5.9	4.9	DP 50-9082	4.8	3.1	3.1	6.1	4.3
BAR FA 1003	5.0	3.9	4.5	6.4	4.9	GO-SIU2	4.7	2.9	3.1	6.3	4.2
WYATT	5.3	4.1	3.9	6.2	4.9	GO-FL3	5.0	3.1	2.8	6.0	4.2
FOCUS	5.3	4.0	4.4	5.8	4.9	GO-RD4	4.7	3.0	2.8	6.0	4.1
EXPEDETION (ATF-803)	5.4	3.8	4.0	6.2	4.9	ATF 707	4.7	3.4	2.8	5.5	4.1
ATF 806	5.6	3.8	4.3	5.8	4.9	JTTF-2000	4.9	2.9	3.3	5.0	4.0
BARLEXAS II	5.6	3.9	4.0	5.9	4.8	BONSAI	4.5	3.2	2.6	5.4	3.9
ENDEAVOR	5.5	4.2	3.8	5.9	4.8	KY-31 E+	3.0	1.2	1.0	3.9	2.3
TRACER	5.4	4.0	4.2	5.6	4.8						
LEGITIMATE	4.9	4.0	3.8	6.5	4.8	LSO VALUE	1.1	1.0	0.6	1.0	0.5
BRAVO	5.4	4.0	3.8	6.1	4.8	C.V. (%)	12.0	14.5	8.6	10.2	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 7.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT FIVE LOCATIONS 1/  
IN THE TRANSITION ZONE  
2003 DATA

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

NAME	AR1	KS2	KY1	M01	NC1	MEAN	NAME	AR1	KS2	KY1	M01	NC1	MEAN
JUSTICE (RB2-01)	5.8	5.8	8.0	5.4	5.8	6.1	RIVERSIDE (PROSEEDS 5301)	6.0	5.5	6.1	5.4	5.7	5.7
COCHISE III (018)	6.4	5.7	7.1	5.5	6.1	6.1	CIS-TF-60	6.1	5.6	6.4	4.8	5.8	5.7
FALCON IV (F-4)	5.3	6.0	7.8	5.5	6.0	6.1	PST-53T	6.4	5.0	6.5	5.8	4.9	5.7
2ND MILLENNIUM	6.9	5.3	7.3	5.1	5.9	6.1	K01-WAF	6.1	4.6	7.2	5.3	5.4	5.7
R-4	6.2	5.3	7.7	5.3	5.9	6.1	FORTE (BE-2)	5.9	5.0	6.7	5.5	5.5	5.7
AVENGER (L1Z)	5.9	5.8	7.8	5.4	5.4	6.1	DYNAMIC (PST-57E)	5.7	5.2	7.1	5.0	5.6	5.7
INFERNO (JT-99)	6.3	5.3	7.8	5.4	5.4	6.0	TITANIUM (SBM)	5.4	5.3	7.2	5.2	5.4	5.7
TURBO (CAS-MC1)	6.6	5.4	6.6	5.8	5.8	6.0	PST-5FZD	5.5	5.2	6.4	5.7	5.7	5.7
BE1	6.4	5.7	6.8	5.6	5.6	6.0	MA 127	5.7	5.3	6.6	5.0	6.0	5.7
CIS-TF-67	6.3	5.4	7.1	5.3	5.8	6.0	MRF 27	6.0	5.5	6.5	4.8	5.8	5.7
CIS-TF-64	5.7	5.8	7.2	5.2	5.8	5.9	PST-5JM	5.7	5.7	6.5	5.3	5.2	5.7
APACHE III (PST-5A1)	6.1	5.9	6.5	5.3	5.8	5.9	SR 8550 (SRX 8BE4)	5.5	5.6	6.6	5.2	5.4	5.7
DAVINCI (LTP-7801)	5.4	5.3	7.4	5.5	5.9	5.9	BAR FA 1005	6.2	5.1	6.8	5.3	4.9	5.7
MILLENNIUM	5.8	5.6	6.6	5.6	5.8	5.9	JT-12	6.1	5.4	6.4	4.9	5.6	5.7
REBEL EXEDA	6.3	5.3	7.0	5.3	5.5	5.9	QUEST	5.9	5.3	6.3	5.1	5.8	5.7
BLACKWATCH (PICK-OD3-01)	6.0	5.5	6.9	5.2	5.8	5.9	SIGNIA	5.6	5.4	6.6	5.2	5.6	5.7
UT-RB3	5.8	5.5	7.1	4.9	5.8	5.8	FOCUS	5.6	5.2	7.1	5.0	5.4	5.7
BILTMORE	6.1	5.5	7.2	5.0	5.4	5.8	ATF 702	5.3	5.4	6.5	5.4	5.7	5.7
PADRE (NJ4)	5.7	5.2	7.9	4.8	5.5	5.8	PST-DDL	5.8	5.4	6.3	5.0	5.9	5.7
SILVERSTAR (PST-5ASR)	5.8	5.2	6.7	5.6	5.8	5.8	GREMLIN (P-58)	5.6	5.4	6.2	5.3	5.8	5.7
MUSTANG 3	5.9	5.4	6.6	5.3	5.9	5.8	TAR HEEL II (PST-5TR1)	5.5	5.1	6.7	4.8	6.1	5.7
REBEL SENTRY	5.4	5.3	6.8	5.7	5.8	5.8	JT-6	6.3	5.3	6.4	4.8	5.5	5.6
KALAHARI	5.8	5.4	7.1	5.1	5.7	5.8	BLADE RUNNER (ROBERTS SM4)	5.7	5.5	6.6	4.5	5.9	5.6
RAPTOR (CIS-TF-33)	5.5	5.7	7.1	5.3	5.5	5.8	MASTERPIECE	5.7	5.5	6.6	4.8	5.6	5.6
K01-8015	5.3	5.2	7.5	5.3	5.7	5.8	MRF 210	5.5	5.5	6.8	5.1	5.4	5.6
SILVERADO II (PST-578)	5.6	5.5	7.0	4.9	6.1	5.8	K01-E03	5.1	5.3	6.7	5.0	6.0	5.6
PST-5S12	6.1	5.4	6.7	4.8	6.0	5.8	PST-5L0	5.8	5.5	6.7	4.8	5.3	5.6
FIDELITY (PST-5T1)	5.9	5.0	7.0	5.5	5.5	5.8	GO-0D2	5.3	5.0	7.0	5.1	5.7	5.6
RENDITION	5.7	5.5	7.1	5.0	5.6	5.8	NA-TDD	5.9	4.6	6.5	5.2	5.8	5.6
MRF 211	5.4	5.3	6.5	5.6	6.1	5.8	SCORPION	5.5	5.7	6.4	5.0	5.4	5.6
CIS-TF-77	5.4	5.5	6.7	5.2	6.0	5.8	K01-8007	4.9	5.1	6.6	5.5	5.9	5.6
NINJA 2 (ATF-800)	5.6	5.1	6.5	5.9	5.7	5.8	PICK ZMG	5.5	5.5	6.4	4.8	5.7	5.6
FINELAWN ELITE (DLSD)	6.2	5.6	6.9	5.1	5.0	5.8	FIVE POINT (MCN-RC)	5.6	5.3	6.6	5.0	5.4	5.6
CONSTITUTION (ATF-593)	5.8	5.6	6.7	4.9	5.8	5.8	BARRERA	5.6	5.5	5.8	5.1	5.8	5.6
ULTIMATE (01-RUTOR2)	5.6	5.7	7.0	4.8	5.7	5.8	MATADOR	5.3	5.6	6.0	5.5	5.6	5.6
CAYENNE	5.9	5.5	6.7	4.8	5.8	5.8	MRF 26	5.8	5.6	5.9	5.5	5.1	5.6
DYNASTY	5.5	5.3	6.8	5.7	5.5	5.8	REMBRANDT	5.4	5.3	6.5	5.5	5.0	5.6
MAGELLAN (OD-4)	6.1	5.3	7.1	4.9	5.3	5.8	PST-5NAS	5.4	5.4	6.5	5.0	5.4	5.6
GUARDIAN-21 (ROBERTS DOL)	5.7	5.4	6.8	5.2	5.8	5.7	ESCALADE (01-ORU1)	4.9	5.6	6.9	4.8	5.6	5.6
PLANTATION	6.0	5.1	6.8	5.3	5.6	5.7	FIREBIRD (CIS-TF-65)	5.8	5.0	6.8	4.6	5.5	5.5
FINESSE II	6.0	5.2	6.8	5.5	5.2	5.7	CAS-ED	5.6	5.7	6.3	4.8	5.4	5.5
GRANDE II	5.5	5.7	6.7	5.4	5.4	5.7	K01-E09	5.1	5.4	6.6	4.8	5.7	5.5
PST-5BZ	5.7	5.9	6.5	4.7	5.9	5.7	BINGO	5.9	5.2	6.6	5.0	5.0	5.5
PICASSO	5.9	5.7	6.3	5.0	5.8	5.7	PST-5KU	5.7	5.2	6.3	5.1	5.5	5.5
							BAR FA 1CR7	5.4	5.8	5.8	5.0	5.7	5.5

TABLE 7. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT FIVE LOCATIONS 1/  
IN THE TRANSITION ZONE  
2003 DATA

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

NAME	AR1	KS2	KY1	M01	NC1	MEAN	NAME	AR1	KS2	KY1	M01	NC1	MEAN
JT-9	5.5	5.3	6.3	5.1	5.4	5.5	BARLEXAS	4.6	4.9	6.1	5.3	5.6	5.3
BAR FA 1003	5.7	5.6	5.8	5.0	5.4	5.5	ATF 799	5.1	5.1	6.3	4.7	5.2	5.3
MATADOR GT (PST-5TUO)	5.2	5.2	6.6	5.0	5.6	5.5	TF66	5.1	5.4	6.3	4.6	5.1	5.3
EA 163	5.6	5.7	6.1	4.8	5.4	5.5	PST-5KI	5.5	4.4	6.3	4.9	5.3	5.3
JT-13	5.7	5.4	6.1	4.8	5.6	5.5	TRACER	5.4	5.0	5.5	4.6	5.8	5.3
OLYMPIC GOLD	5.5	5.4	6.2	5.0	5.4	5.5	FALCON II	4.9	5.3	5.8	5.2	5.3	5.3
WOLFPACK	5.4	5.2	6.6	5.0	5.3	5.5	COVENANT (ATF 802)	4.8	4.8	6.5	4.9	5.3	5.3
PST-5BAB	5.2	4.9	6.8	4.8	5.8	5.5	STONEWALL (JT-18)	5.1	5.4	6.2	4.4	5.3	5.3
WATCHDOG	5.4	5.4	5.9	5.2	5.4	5.5	ATF 586	4.9	5.0	5.8	5.5	5.1	5.2
SR 8600	5.2	5.4	6.4	4.8	5.4	5.5	EXPEDETION (ATF-803)	4.8	5.0	5.8	4.5	5.9	5.2
MRF 29	5.3	5.0	6.4	5.0	5.5	5.4	ATF 704	5.1	5.1	5.6	5.1	5.1	5.2
B-7001	5.9	5.2	6.5	4.4	5.2	5.4	TOMAHAWK GT	5.4	5.0	5.1	5.0	5.5	5.2
TAHOE (CAS-157)	5.2	5.4	6.3	5.3	5.0	5.4	SOUTH PAW (MRF 24)	4.8	5.3	5.3	5.3	5.3	5.2
JT-15	5.1	5.2	6.5	5.0	5.4	5.4	SOUTHERN CHOICE II	5.3	5.2	5.3	4.6	5.6	5.2
DOMINION	5.4	4.9	6.2	5.4	5.2	5.4	WYATT	4.8	4.8	6.2	4.5	5.7	5.2
PROSPECT	5.1	5.2	6.3	4.9	5.7	5.4	PURE GOLD	4.9	5.3	5.5	4.8	5.3	5.2
LEGITIMATE	4.7	5.6	5.7	5.4	5.8	5.4	DLF-J210	5.3	5.2	5.7	4.5	5.3	5.2
PICK-00-AFA	5.1	4.9	6.5	4.9	5.8	5.4	T991	5.1	4.8	5.5	4.8	5.5	5.1
BARLEXAS II	5.0	5.1	6.0	5.6	5.4	5.4	DAYTONA (MRF 23)	4.9	5.3	5.6	4.8	5.0	5.1
JAGUAR 3	5.0	5.2	6.1	5.2	5.7	5.4	TROOPER (01-TFOR3)	5.0	5.1	5.6	4.4	5.1	5.1
MRF 28	5.3	5.3	6.1	5.0	5.4	5.4	PICK TF H-97	4.4	5.1	5.7	4.8	5.2	5.1
MA 138	5.0	5.1	6.4	5.2	5.3	5.4	STETSON	4.5	4.8	5.8	5.4	4.8	5.0
LARAMIE	5.0	5.2	6.1	5.3	5.4	5.4	LANCER	4.5	4.7	5.8	4.8	5.5	5.0
REGIMENT II (SRX 805)	5.5	5.0	6.3	4.8	5.4	5.4	BONSAI	4.3	5.0	5.3	4.9	5.6	5.0
TAR HEEL	5.4	5.4	6.3	4.6	5.2	5.4	GO-RD4	5.0	5.0	5.2	4.7	5.2	5.0
TEMPEST	5.3	5.1	5.9	5.0	5.4	5.4	ATF 806	4.3	5.1	5.7	5.0	4.8	5.0
SR 8250	5.0	4.9	6.3	4.8	5.8	5.4	DP 50-9082	4.4	5.0	5.6	5.3	4.5	5.0
KITTY HAWK 2000	4.9	4.8	6.1	5.5	5.6	5.3	ATF 707	4.5	5.0	5.2	4.8	5.3	5.0
COYOTE	5.3	5.7	5.8	4.5	5.4	5.3	ELISA	4.0	4.9	5.9	4.6	5.3	5.0
MA 158	5.0	5.6	6.3	5.1	4.7	5.3	TULSA II (ATF 706)	4.6	4.5	5.3	4.6	5.7	4.9
UT-155	4.7	5.1	6.5	4.9	5.4	5.3	GO-FL3	4.1	4.6	5.5	4.7	5.2	4.8
DP 50-9226	4.7	5.1	6.1	5.3	5.4	5.3	JTTFF-2000	4.3	5.3	5.1	4.4	5.0	4.8
ENDEAVOR	5.9	4.7	6.3	4.9	4.8	5.3	GO-SIU2	4.5	4.3	5.4	4.5	5.0	4.8
BRAVO	4.6	5.2	6.1	5.2	5.5	5.3	KY-31 E+	3.2	3.9	4.2	3.8	5.6	4.1
MRF 25	4.8	5.3	5.7	5.3	5.5	5.3							
BARRINGTON	5.1	5.0	6.0	5.0	5.5	5.3	LSO VALUE	1.1	0.6	0.6	0.8	1.0	0.4
TITAN LTD.	5.0	5.1	6.4	4.8	5.3	5.3	C.V. (%)	12.9	7.5	5.9	10.3	10.7	9.6

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

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

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT EIGHT LOCATIONS 1/  
IN THE MIDWEST REGION  
2003 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	SD1	WI1	MEAN
K01-E03	5.7	5.8	8.0	7.3	6.5	7.3	6.9	6.6	6.8
R-4	6.3	6.1	7.6	7.5	6.3	7.0	6.9	6.2	6.8
K01-8007	5.9	5.8	6.4	7.4	6.1	8.6	7.1	6.6	6.7
PADRE (NJ4)	6.2	5.9	6.9	7.4	6.5	7.9	6.4	6.3	6.7
2ND MILLENNIUM	6.3	6.1	7.0	7.5	6.5	8.0	6.4	5.5	6.7
REMBRANDT	6.2	5.9	8.1	7.2	6.3	7.8	5.9	5.9	6.7
GRANDE II	6.6	6.1	7.1	7.1	6.5	7.0	6.4	6.4	6.7
ULTIMATE (01-RUTOR2)	5.7	6.0	7.4	7.4	6.3	8.3	6.3	5.9	6.7
FALCON IV (F-4)	6.4	5.9	7.9	7.5	6.4	6.8	6.3	6.2	6.7
MRF 25	6.2	6.0	7.4	7.1	6.5	8.4	6.0	5.6	6.7
TITANIUM (SBM)	6.3	5.9	7.3	7.2	6.6	7.3	6.4	6.2	6.7
INFERNO (JT-99)	6.2	6.2	6.8	7.8	6.3	7.1	7.0	5.6	6.6
FINELAWN ELITE (DLSD)	6.3	5.9	7.8	7.4	6.4	7.0	6.3	5.9	6.6
JUSTICE (RB2-01)	6.7	6.1	7.4	7.8	6.3	6.6	6.3	5.8	6.6
MILLENNIUM	6.4	5.8	7.9	7.2	6.5	6.8	6.1	6.4	6.6
COCHISE III (018)	6.4	6.0	7.0	7.6	6.5	7.3	6.2	6.0	6.6
BLACKWATCH (PICK-OD3-01)	6.3	6.0	7.0	7.7	6.5	7.3	6.1	6.1	6.6
MRF 211	6.2	5.9	6.7	7.2	6.4	7.9	6.2	6.4	6.6
FIREBIRD (CIS-TF-65)	6.1	5.9	7.3	7.5	6.4	7.4	6.2	6.1	6.6
RENDITION	5.8	5.8	6.8	7.6	6.5	8.4	6.1	5.8	6.6
RIVERSIDE (PROSEEDS 5301)	6.1	5.9	7.1	7.4	6.5	7.3	6.3	6.3	6.6
MUSTANG 3	6.6	5.5	7.3	7.3	6.5	7.9	6.0	5.8	6.6
DAVINCI (LTP-7801)	6.8	5.8	6.8	7.7	6.4	7.0	6.2	6.1	6.6
RAPTOR (CIS-TF-33)	6.2	5.8	6.4	7.8	6.6	8.0	6.4	5.4	6.6
ENDEAVOR	6.1	5.8	7.6	6.9	6.3	7.3	5.9	6.8	6.6
MAGELLAN (OD-4)	5.8	5.8	7.6	7.0	6.5	7.6	6.3	6.0	6.6
BAR FA 1005	6.6	5.5	7.0	7.4	6.3	7.9	6.1	5.9	6.6
GUARDIAN-21 (ROBERTS DOL)	5.8	5.7	8.1	7.6	6.2	7.1	6.1	5.9	6.6
BE1	6.1	5.8	7.0	7.5	6.2	7.6	6.6	5.7	6.6
KALAHARI	5.3	5.6	7.7	7.6	6.4	8.0	6.3	5.6	6.5
FOCUS	6.3	5.6	7.8	6.7	6.3	7.3	6.2	6.1	6.5
SILVERADO II (PST-578)	6.6	6.0	7.3	7.2	6.5	7.5	6.0	5.1	6.5
TURBO (CAS-MC1)	5.9	6.4	7.1	7.5	6.4	7.1	6.1	5.7	6.5
UT-RB3	6.3	5.8	7.1	7.2	6.7	7.5	6.2	5.5	6.5
K01-WAF	5.6	6.1	7.0	7.8	6.4	7.8	6.0	5.6	6.5
WATCHDOG	5.8	6.1	7.2	7.5	6.5	7.2	6.0	5.8	6.5
ESCALADE (01-ORU1)	6.1	6.1	6.7	7.5	6.4	8.0	6.3	5.1	6.5
DYNAMIC (PST-57E)	6.1	5.5	7.4	7.4	6.4	7.7	6.1	5.4	6.5
PST-5BZ	6.3	6.0	6.5	7.5	6.4	7.1	5.8	6.4	6.5
CIS-TF-67	6.0	5.7	7.6	7.4	6.4	7.0	6.3	5.6	6.5
ATF 702	5.8	5.5	7.3	7.4	6.3	7.9	6.2	5.5	6.5
BARLEXAS II	6.2	5.5	7.3	7.0	6.5	6.7	6.2	6.6	6.5
GREMLIN (P-58)	5.9	6.0	6.9	7.3	6.2	7.4	6.4	5.8	6.5
AVENGER (L1Z)	5.8	5.7	6.2	7.6	6.4	7.2	6.6	6.3	6.5

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/  
 IN THE MIDWEST REGION  
 2003 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	SD1	WI1	MEAN
CIS-TF-64	6.2	5.6	6.4	6.9	6.0	8.1	6.7	5.9	6.5
FORTE (BE-2)	6.0	5.6	7.9	7.3	6.0	6.8	5.9	6.2	6.5
ATF 799	5.6	6.0	7.2	7.5	6.2	7.5	5.9	5.8	6.5
BINGO	6.0	5.5	7.2	7.4	6.5	7.1	6.2	5.8	6.5
JAGUAR 3	6.6	5.7	6.7	7.0	6.5	7.2	5.7	6.4	6.5
SOUTHERN CHOICE II	6.2	5.4	7.6	6.7	6.4	7.4	5.8	6.1	6.5
REBEL EXEDA	6.1	5.9	7.4	7.7	6.5	6.1	6.3	5.7	6.5
K01-E09	6.2	5.8	6.8	7.3	6.5	7.2	5.9	5.8	6.5
BLADE RUNNER (ROBERTS SM4)	6.1	5.7	7.6	6.9	6.4	7.6	6.1	5.3	6.4
JT-6	5.9	5.8	6.7	7.2	6.4	7.2	6.4	5.8	6.4
NINJA 2 (ATF-800)	6.2	5.9	6.7	7.1	6.5	7.8	6.1	5.2	6.4
TAR HEEL II (PST-5TR1)	6.3	5.8	6.8	7.2	6.5	8.0	5.6	5.2	6.4
DYNASTY	5.5	5.5	7.3	7.5	6.4	7.9	5.7	5.6	6.4
CIS-TF-77	5.7	6.0	7.3	7.0	6.5	7.4	6.2	5.4	6.4
CAYENNE	5.8	5.7	7.2	7.8	6.4	7.2	6.0	5.4	6.4
BILTMORE	5.7	5.8	6.7	7.8	6.4	6.7	6.1	6.2	6.4
UT-155	6.4	5.6	7.0	6.8	6.5	7.4	6.2	5.6	6.4
PST-5JM	5.7	6.0	7.0	7.1	6.3	7.5	6.2	5.6	6.4
PST-5BAB	6.1	5.7	6.7	7.2	6.5	7.1	6.2	5.8	6.4
JT-12	5.8	5.6	7.3	6.8	6.3	7.7	6.3	5.5	6.4
SR 8600	6.1	5.3	6.7	7.4	6.4	7.6	6.3	5.6	6.4
PST-DDL	5.9	6.0	6.6	7.4	6.5	7.3	6.1	5.5	6.4
K01-8015	5.4	5.8	6.7	7.7	6.0	8.0	6.4	5.3	6.4
DOMINION	6.2	5.9	7.1	6.9	6.5	6.9	5.8	6.1	6.4
TOMAHAWK GT	6.1	5.7	6.8	7.2	6.7	7.5	5.8	5.4	6.4
MA 127	6.3	5.6	7.0	7.0	6.3	7.1	5.9	6.0	6.4
MASTERPIECE	5.9	5.8	7.7	6.8	6.4	6.9	6.1	5.5	6.4
WOLFPACK	5.9	5.5	6.8	7.3	6.4	7.8	6.1	5.4	6.4
CONSTITUTION (ATF-593)	6.1	6.0	6.5	7.3	6.3	7.0	5.9	6.2	6.4
TEMPEST	6.2	5.8	6.2	6.7	6.5	7.2	5.8	6.8	6.4
EA 163	5.8	6.2	6.6	7.0	6.2	7.0	5.8	6.6	6.4
APACHE III (PST-5A1)	6.0	5.7	6.6	7.2	6.5	7.0	5.8	6.3	6.4
SILVERSTAR (PST-5ASR)	6.2	5.6	6.5	7.1	6.5	7.0	6.3	5.9	6.4
CIS-TF-60	6.0	5.3	7.1	7.1	6.3	7.2	6.4	5.6	6.4
FINESSE II	6.3	5.4	6.8	7.2	6.3	7.0	6.0	6.1	6.4
LEGITIMATE	6.3	5.7	7.1	6.7	6.5	6.6	5.8	6.3	6.4
FIVE POINT (MCN-RC)	6.1	5.7	6.6	7.3	6.3	6.9	5.9	6.2	6.4
CAS-ED	6.0	6.0	6.4	7.2	6.5	7.2	5.8	5.9	6.4
BARRERA	5.5	5.4	7.7	7.5	6.3	6.8	5.9	5.9	6.4
PST-5KI	5.8	5.6	7.0	7.2	6.4	8.0	5.9	5.2	6.4
PST-5NAS	5.7	5.7	7.2	7.3	5.9	8.0	5.9	5.3	6.4
STONEWALL (JT-18)	5.7	6.0	5.6	7.2	6.0	7.4	6.5	6.5	6.4
PICK TF H-97	6.6	5.6	6.8	7.2	6.3	7.1	5.9	5.5	6.4
MRF 27	5.9	6.0	6.6	7.4	6.3	7.4	6.1	5.3	6.4
B-7001	6.1	5.3	6.8	7.1	6.8	7.0	5.9	5.9	6.4



TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/  
 IN THE MIDWEST REGION  
 2003 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	SD1	WI1	MEAN
PST-5FZD	6.0	5.6	7.1	7.7	6.4	7.5	5.9	4.7	6.4
ATF 704	6.4	5.9	6.0	7.1	6.5	6.7	5.9	6.2	6.4
QUEST	6.3	5.9	6.5	7.4	6.3	7.3	5.9	5.2	6.4
MATADOR GT (PST-5TU0)	5.4	5.7	6.9	7.1	6.4	7.0	6.0	6.2	6.3
TAR HEEL	6.3	5.5	7.1	7.1	6.3	7.9	5.7	4.9	6.3
BARRINGTON	5.9	5.7	7.2	6.9	6.2	6.7	5.7	6.6	6.3
PICASSO	6.6	5.7	6.3	7.3	5.8	7.2	5.9	5.9	6.3
MRF 28	5.9	6.1	5.7	7.3	6.4	7.5	6.2	5.7	6.3
DAYTONA (MRF 23)	5.9	5.3	6.5	7.0	6.3	7.6	5.7	6.4	6.3
SR 8250	6.1	5.5	5.9	7.2	6.5	7.7	6.3	5.5	6.3
TAHOE (CAS-157)	5.9	5.6	7.3	7.0	6.6	7.4	6.0	4.8	6.3
BAR FA 1003	6.1	5.6	7.1	6.7	6.4	6.8	6.0	5.8	6.3
SR 8550 (SRX 8BE4)	5.9	5.6	6.1	7.1	6.9	7.7	5.9	5.3	6.3
FIDELITY (PST-5T1)	6.1	5.7	7.3	7.3	6.1	7.0	5.8	5.2	6.3
OLYMPIC GOLD	6.1	5.6	7.0	7.0	6.3	7.2	5.9	5.3	6.3
SCORPION	6.2	6.0	6.7	7.2	6.3	6.3	5.7	6.1	6.3
TITAN LTD.	6.7	6.0	6.3	6.5	6.5	7.9	5.1	5.6	6.3
MRF 26	5.7	6.0	6.1	6.9	6.5	8.1	6.1	5.1	6.3
JT-15	5.3	6.1	6.9	7.2	6.3	7.6	5.9	5.2	6.3
ATF 586	5.6	5.4	6.6	7.0	6.3	7.9	5.7	6.0	6.3
PROSPECT	5.8	5.3	7.4	6.8	6.0	7.2	5.9	5.9	6.3
WYATT	6.2	5.5	6.5	7.0	6.3	7.0	5.8	6.1	6.3
PLANTATION	6.1	5.5	6.4	7.3	6.3	6.5	6.1	6.3	6.3
COVENANT (ATF 802)	5.9	5.3	6.6	7.0	6.2	6.7	5.9	6.7	6.3
PST-5S12	6.3	5.9	7.0	6.7	6.3	6.7	5.8	5.8	6.3
PST-5L0	6.0	5.6	7.4	7.0	6.3	6.7	5.9	5.4	6.3
PST-53T	5.1	5.8	6.4	7.3	6.1	7.8	6.1	5.7	6.3
JT-13	5.8	5.3	6.4	7.0	6.1	7.8	6.4	5.3	6.3
JT-9	5.7	5.8	6.2	7.4	6.3	7.3	6.4	5.1	6.3
DP 50-9082	6.4	5.5	6.0	6.6	5.9	8.4	5.2	6.2	6.3
LANCER	5.9	5.0	7.2	6.8	6.4	7.2	5.7	6.0	6.3
TROOPER (01-TFOR3)	6.4	5.2	6.8	6.9	6.4	7.4	5.7	5.3	6.3
PICK-00-AFA	6.2	5.1	6.5	7.4	6.4	7.3	6.2	5.1	6.3
SOUTH PAW (MRF 24)	5.4	5.8	7.2	6.1	6.2	7.1	5.9	6.2	6.3
KITTY HAWK 2000	5.6	5.5	7.0	6.9	6.5	6.6	5.4	6.6	6.3
GO-0D2	5.4	5.9	6.8	7.0	6.6	7.1	5.5	5.7	6.3
REGIMENT II (SRX 805)	5.9	5.7	7.2	7.2	5.9	6.7	6.3	5.2	6.3
DLF-J210	6.0	5.6	6.6	6.8	6.2	7.3	5.7	5.9	6.2
BRAVO	6.3	5.0	6.3	7.1	6.2	7.4	5.8	5.8	6.2
MRF 29	5.0	6.0	6.7	6.5	6.2	7.3	6.3	5.8	6.2
FALCON II	5.9	5.7	7.1	6.6	6.4	7.0	5.6	5.6	6.2
REBEL SENTRY	6.2	6.0	5.9	7.0	6.5	6.6	5.7	6.1	6.2
MA 138	6.1	5.5	6.9	6.6	6.5	7.2	5.8	5.2	6.2
TRACER	5.7	5.3	6.3	7.0	6.4	6.6	6.3	6.3	6.2
NA-TDD	5.4	5.6	6.4	7.4	6.4	7.0	6.2	5.6	6.2

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/  
 IN THE MIDWEST REGION  
 2003 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	SD1	WI1	MEAN
BARLEXAS	6.2	5.7	6.4	7.0	6.5	6.4	5.9	5.6	6.2
EXPEDETION (ATF-803)	6.3	5.6	6.1	6.2	6.4	7.4	5.9	5.7	6.2
SIGNIA	5.3	5.7	7.1	6.9	6.3	7.1	5.9	5.3	6.2
PURE GOLD	5.3	5.7	5.9	6.9	6.3	7.7	6.3	5.6	6.2
MATADOR	5.8	5.7	6.7	7.3	6.2	7.0	5.5	5.4	6.2
DP 50-9226	6.2	5.3	5.6	6.3	6.2	8.0	5.8	6.2	6.2
PICK ZMG	5.4	5.5	7.3	6.9	6.3	6.9	5.8	5.4	6.2
MA 158	5.9	5.4	6.3	7.0	6.2	7.0	6.2	5.4	6.2
TULSA II (ATF 706)	5.9	5.5	6.4	6.5	6.2	7.4	5.8	5.6	6.2
STETSON	5.8	5.7	5.9	6.5	6.4	7.0	5.7	6.4	6.2
MRF 210	5.9	5.6	5.3	6.8	6.4	7.1	6.1	6.2	6.2
ATF 707	5.6	5.7	6.7	7.0	6.2	6.6	5.7	5.9	6.2
T991	5.8	5.6	5.8	6.7	6.2	7.3	5.9	5.8	6.1
ATF 806	5.4	5.4	6.0	7.3	6.2	6.9	5.8	6.1	6.1
ELISA	6.1	5.5	7.1	6.0	6.4	6.1	5.4	6.3	6.1
PST-5KU	5.7	5.5	6.7	6.9	6.1	6.6	6.3	5.2	6.1
LARAMIE	5.8	5.4	6.1	7.1	6.1	7.3	5.4	5.3	6.1
TF66	5.6	5.5	6.3	7.1	6.5	6.4	5.8	5.5	6.1
GO-RD4	6.1	5.5	7.1	6.0	6.5	6.4	5.6	5.2	6.1
GO-FL3	6.4	5.3	6.6	6.0	6.5	7.5	4.8	5.4	6.1
COYOTE	6.2	5.3	5.8	6.9	6.0	6.8	6.2	5.3	6.0
BAR FA 1CR7	5.5	5.4	5.7	7.1	6.3	6.6	6.2	5.4	6.0
BONSAI	6.2	5.6	5.2	6.7	6.1	7.3	5.6	5.5	6.0
JTTFF-2000	5.9	4.8	5.9	6.2	6.0	7.2	6.2	5.4	5.9
GO-SIU2	5.5	5.1	6.4	6.6	6.3	6.6	5.2	5.4	5.9
KY-31 E+	4.6	3.8	6.4	4.0	4.8	4.8	3.7	5.4	4.7
LSD VALUE	0.8	1.2	1.3	0.6	0.5	0.9	0.5	0.6	0.3
C.V. (%)	8.1	13.1	11.9	4.8	4.7	7.3	5.3	6.8	8.2

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 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE MOUNTAIN REGION  
2003 DATA

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

NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN
DAVINCI (LTP-7801)	5.0	7.9	6.4	GRANDE II	4.9	7.3	6.1
MRF 211	5.2	7.5	6.3	GREMLIN (P-58)	4.6	7.6	6.1
PURE GOLD	5.3	7.4	6.3	LARAMIE	4.9	7.2	6.1
JUSTICE (RB2-01)	4.9	7.7	6.3	PLANTATION	4.6	7.6	6.1
KITTY HAWK 2000	5.1	7.5	6.3	REBEL EXEDA	4.7	7.4	6.1
BE1	5.1	7.4	6.3	MRF 28	4.4	7.7	6.0
PROSPECT	5.0	7.5	6.3	APACHE III (PST-5A1)	4.8	7.3	6.0
JT-9	5.1	7.4	6.3	PST-5JM	4.8	7.3	6.0
PST-DDL	5.1	7.3	6.2	BILTMORE	4.8	7.3	6.0
REGIMENT II (SRX 805)	4.8	7.7	6.2	FOCUS	4.5	7.6	6.0
MA 127	4.9	7.6	6.2	JT-6	4.8	7.3	6.0
MA 138	4.9	7.6	6.2	MRF 25	4.8	7.3	6.0
ATF 702	4.6	7.8	6.2	2ND MILLENNIUM	4.6	7.5	6.0
BAR FA 1005	5.0	7.5	6.2	TURBO (CAS-MC1)	4.6	7.5	6.0
RAPTOR (CIS-TF-33)	4.7	7.8	6.2	MRF 27	4.6	7.4	6.0
FINELAWN ELITE (DLSD)	5.0	7.4	6.2	SILVERADO II (PST-578)	5.0	7.1	6.0
R-4	4.8	7.7	6.2	CIS-TF-67	4.7	7.4	6.0
MRF 210	4.9	7.6	6.2	CAYENNE	4.7	7.4	6.0
UT-155	4.9	7.5	6.2	KO1-8015	4.3	7.7	6.0
SR 8550 (SRX 8BE4)	4.6	7.8	6.2	ATF 704	5.0	7.0	6.0
JT-13	5.0	7.4	6.2	STONEWALL (JT-18)	4.7	7.3	6.0
GUARDIAN-21 (ROBERTS DOL)	4.7	7.7	6.2	FALCON IV (F-4)	4.4	7.6	6.0
FINESSE II	4.8	7.6	6.2	REBEL SENTRY	4.5	7.6	6.0
BLACKWATCH (PICK-0D3-01)	4.6	7.7	6.1	JT-15	4.5	7.5	6.0
RENDITION	4.7	7.6	6.1	ATF 799	4.6	7.4	6.0
UT-RB3	4.8	7.5	6.1	TAHOE (CAS-157)	4.6	7.4	6.0
BARLEXAS	5.0	7.3	6.1	MATADOR	4.6	7.4	6.0
INFERNO (JT-99)	4.6	7.6	6.1	QUEST	4.6	7.4	6.0
SR 8600	5.0	7.3	6.1	B-7001	4.7	7.3	6.0
JT-12	4.7	7.6	6.1	GO-0D2	4.5	7.5	6.0
PADRE (NJ4)	4.7	7.6	6.1	PST-5KU	4.5	7.5	6.0
DLF-J210	5.0	7.2	6.1	BINGO	4.5	7.4	6.0
MASTERPIECE	4.8	7.4	6.1	PST-5FZD	4.5	7.4	6.0
SR 8250	5.1	7.1	6.1	MA 158	4.6	7.4	6.0
FIREBIRD (CIS-TF-65)	4.5	7.7	6.1	PST-5L0	4.7	7.3	6.0
MATADOR GT (PST-5TU0)	4.8	7.4	6.1	T991	4.3	7.6	6.0
SOUTHERN CHOICE II	4.8	7.4	6.1	NA-TDD	4.4	7.6	6.0
SILVERSTAR (PST-5ASR)	4.9	7.3	6.1	BAR FA 1CR7	4.8	7.2	6.0
PST-53T	4.6	7.6	6.1	CIS-TF-60	4.1	7.8	6.0
DYNASTY	4.8	7.4	6.1	BAR FA 1003	4.5	7.4	6.0
PICASSO	4.8	7.4	6.1	AVENGER (L1Z)	4.2	7.7	6.0
PICK-00-AFA	4.8	7.4	6.1	FORTE (BE-2)	4.3	7.6	5.9
BARLEXAS II	4.8	7.3	6.1	ESCALADE (01-ORU1)	4.7	7.2	5.9
CIS-TF-77	4.8	7.3	6.1	EXPEDETION (ATF-803)	4.7	7.2	5.9
				BARRERA	4.4	7.5	5.9

TABLE 9. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE MOUNTAIN REGION  
2003 DATA

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

NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN
ATF 806	4.4	7.4	5.9	NINJA 2 (ATF-800)	4.5	7.1	5.8
SIGNIA	4.4	7.4	5.9	TITANIUM (SBM)	4.2	7.4	5.8
K01-E09	4.5	7.4	5.9	ULTIMATE (01-RUTOR2)	4.2	7.3	5.8
FIDELITY (PST-5T1)	4.5	7.4	5.9	PICK TF H-97	4.3	7.3	5.8
MRF 26	4.2	7.7	5.9	PST-5KI	4.3	7.3	5.8
COCHISE III (018)	4.3	7.6	5.9	REMBRANDT	4.3	7.2	5.8
KALAHARI	4.4	7.4	5.9	DP 50-9226	4.4	7.1	5.8
MILLENNIUM	4.5	7.3	5.9	TAR HEEL II (PST-5TR1)	4.5	7.0	5.8
TEMPEST	4.5	7.3	5.9	BLADE RUNNER (ROBERTS SM4)	4.2	7.3	5.8
COYOTE	4.5	7.3	5.9	ATF 586	4.6	6.9	5.8
MUSTANG 3	4.5	7.3	5.9	TROOPER (01-TFOR3)	4.7	6.8	5.8
K01-WAF	4.6	7.2	5.9	SCORPION	4.2	7.2	5.7
TAR HEEL	4.7	7.1	5.9	PST-5BAB	4.3	7.2	5.7
ATF 707	4.3	7.4	5.9	ENDEAVOR	4.4	7.1	5.7
MRF 29	4.4	7.4	5.9	LEGITIMATE	4.5	6.9	5.7
RIVERSIDE (PROSEEDS 5301)	4.4	7.4	5.9	OLYMPIC GOLD	4.2	7.2	5.7
TRACER	4.5	7.3	5.9	WYATT	4.7	6.7	5.7
CONSTITUTION (ATF-593)	4.5	7.3	5.9	BARRINGTON	4.0	7.3	5.7
EA 163	4.5	7.3	5.9	PST-5BZ	4.0	7.4	5.7
SOUTH PAW (MRF 24)	4.5	7.2	5.9	WOLFPACK	4.4	6.8	5.6
JTFFF-2000	4.6	7.2	5.9	MAGELLAN (OD-4)	3.9	7.3	5.6
K01-8007	4.3	7.4	5.9	GO-RD4	4.7	6.5	5.6
PST-5S12	4.6	7.1	5.9	TULSA II (ATF 706)	4.5	6.7	5.6
PST-5NAS	4.3	7.4	5.9	BRAVO	4.3	6.8	5.6
PICK ZMG	4.4	7.3	5.9	K01-E03	4.2	6.8	5.5
FIVE POINT (MCN-RC)	4.5	7.2	5.8	GO-SIU2	4.2	6.8	5.5
JAGUAR 3	4.8	6.9	5.8	LANCER	4.2	6.7	5.5
TOMAHAWK GT	4.5	7.2	5.8	ELISA	4.6	6.3	5.4
DOMINION	4.6	7.1	5.8	TITAN LTD.	4.5	6.3	5.4
WATCHDOG	4.9	6.8	5.8	BONSAI	4.3	6.4	5.3
DYNAMIC (PST-57E)	4.2	7.4	5.8	DP 50-9082	4.5	6.0	5.2
FALCON II	4.7	6.9	5.8	STETSON	4.2	6.2	5.2
CAS-ED	4.0	7.6	5.8	GO-FL3	4.1	5.7	4.9
CIS-TF-64	4.4	7.3	5.8	KY-31 E+	3.1	3.7	3.4
COVENANT (ATF 802)	4.2	7.4	5.8				
TF66	4.3	7.3	5.8	LSD VALUE	0.8	0.4	0.5
DAYTONA (MRF 23)	4.2	7.4	5.8	C.V. (%)	10.9	3.6	6.7

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 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SEMI-ARID REGION  
2003 DATA

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

NAME	NM1	TX1	MEAN	NAME	NM1	TX1	MEAN
CAYENNE	5.9	6.4	6.2	ATF 586	5.6	5.9	5.7
INFERNO (JT-99)	6.3	6.0	6.2	ATF 799	5.9	5.5	5.7
DYNASTY	6.3	5.9	6.1	PICK ZMG	5.9	5.6	5.7
TITANIUM (SBM)	6.2	6.1	6.1	MATADOR	5.9	5.5	5.7
PST-5S12	6.2	6.0	6.1	MRF 210	6.0	5.4	5.7
BILTMORE	6.0	6.2	6.1	CONSTITUTION (ATF-593)	5.8	5.6	5.7
T991	6.2	5.9	6.1	DAVINCI (LTP-7801)	5.6	5.8	5.7
2ND MILLENNIUM	6.3	5.8	6.0	PST-5NAS	6.0	5.4	5.7
PADRE (NJ4)	6.0	6.0	6.0	MRF 25	5.8	5.6	5.7
MA 127	6.0	6.0	6.0	FIDELITY (PST-5T1)	5.9	5.5	5.7
BINGO	6.2	5.7	6.0	PST-53T	5.8	5.5	5.7
B-7001	6.3	5.6	6.0	ATF 806	5.7	5.6	5.7
DYNAMIC (PST-57E)	5.7	6.2	5.9	PST-5BAB	5.7	5.6	5.7
PST-5KI	6.0	5.8	5.9	K01-8015	5.9	5.5	5.7
COCHISE III (018)	6.1	5.7	5.9	GO-0D2	5.8	5.6	5.7
SILVERSTAR (PST-5ASR)	5.9	5.9	5.9	MRF 29	6.1	5.2	5.7
K01-WAF	6.0	5.8	5.9	MA 158	5.8	5.5	5.7
NINJA 2 (ATF-800)	5.9	5.9	5.9	PICK-00-AFA	5.8	5.5	5.7
TITAN LTD.	6.1	5.6	5.9	PST-5FZD	5.8	5.5	5.7
KITTY HAWK 2000	5.8	6.0	5.9	WOLFPACK	5.4	5.9	5.6
NA-TDD	6.1	5.7	5.9	OLYMPIC GOLD	5.7	5.6	5.6
TAR HEEL II (PST-5TR1)	6.1	5.7	5.9	PST-DDL	5.6	5.7	5.6
EA 163	6.0	5.7	5.9	FIVE POINT (MCN-RC)	6.2	5.1	5.6
PST-5JM	6.0	5.7	5.9	FIREBIRD (CIS-TF-65)	5.9	5.3	5.6
REMBRANDT	6.3	5.4	5.8	BLADE RUNNER (ROBERTS SM4)	5.9	5.3	5.6
FOCUS	6.0	5.7	5.8	BAR FA 1003	6.1	5.2	5.6
BAR FA 1005	6.1	5.5	5.8	TRACER	5.9	5.4	5.6
ESCALADE (01-ORU1)	6.2	5.4	5.8	GUARDIAN-21 (ROBERTS DOL)	5.4	5.8	5.6
WATCHDOG	5.7	5.9	5.8	TULSA II (ATF 706)	6.0	5.2	5.6
FALCON IV (F-4)	6.1	5.6	5.8	REBEL EXEDA	5.8	5.4	5.6
PST-5KU	6.0	5.6	5.8	APACHE III (PST-5A1)	5.9	5.3	5.6
TURBO (CAS-MC1)	6.1	5.5	5.8	FORTE (BE-2)	6.2	5.0	5.6
BARRINGTON	5.9	5.6	5.8	MRF 28	6.0	5.2	5.6
CIS-TF-67	6.1	5.4	5.8	PST-5BZ	5.7	5.5	5.6
MAGELLAN (OD-4)	5.5	6.0	5.7	RENDITION	5.7	5.4	5.6
UT-155	5.9	5.6	5.7	GREMLIN (P-58)	6.0	5.1	5.6
PICASSO	5.8	5.7	5.7	JUSTICE (RB2-01)	6.1	5.0	5.6
K01-E03	5.9	5.6	5.7	MUSTANG 3	5.6	5.5	5.6
MASTERPIECE	5.8	5.7	5.7	ATF 707	5.6	5.5	5.6
LANCER	5.4	6.0	5.7	STETSON	5.4	5.7	5.6
FINELAWN ELITE (DLSD)	5.7	5.8	5.7	JAGUAR 3	5.8	5.3	5.6
CAS-ED	5.8	5.6	5.7	TAHOE (CAS-157)	5.5	5.6	5.5
MA 138	6.0	5.5	5.7	DLF-J210	5.8	5.3	5.5
QUEST	5.8	5.7	5.7	SR 8550 (SRX 8BE4)	5.8	5.3	5.5
				ATF 704	5.6	5.5	5.5

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SEMI-ARID REGION  
2003 DATA

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

NAME	NM1	TX1	MEAN	NAME	NM1	TX1	MEAN
BARLEXAS	5.5	5.5	5.5	FINESSE II	5.7	5.1	5.4
RIVERSIDE (PROSEEDS 5301)	5.4	5.7	5.5	BE1	6.1	4.7	5.4
BARLEXAS II	6.1	4.9	5.5	PURE GOLD	5.6	5.2	5.4
COVENANT (ATF 802)	5.6	5.4	5.5	CIS-TF-77	5.7	5.1	5.4
TROOPER (01-TFOR3)	5.6	5.5	5.5	SR 8600	5.8	5.0	5.4
BLACKWATCH (PICK-0D3-01)	5.6	5.5	5.5	R-4	5.9	4.8	5.4
WYATT	5.8	5.2	5.5	MILLENNIUM	5.7	5.1	5.4
TAR HEEL	5.9	5.1	5.5	SIGNIA	5.6	5.1	5.4
ULTIMATE (01-RUTOR2)	6.0	5.0	5.5	STONEWALL (JT-18)	6.1	4.6	5.4
CIS-TF-64	5.6	5.4	5.5	PLANTATION	5.3	5.4	5.3
REBEL SENTRY	5.6	5.4	5.5	JT-15	5.6	5.1	5.3
ATF 702	5.8	5.2	5.5	DP 50-9226	5.4	5.3	5.3
CIS-TF-60	6.2	4.8	5.5	SCORPION	5.5	5.2	5.3
BARRERA	5.8	5.1	5.5	GO-SIU2	5.9	4.8	5.3
JTTFF-2000	5.5	5.4	5.5	SOUTH PAW (MRF 24)	5.3	5.3	5.3
ENDEAVOR	5.4	5.6	5.5	PROSPECT	5.6	5.0	5.3
REGIMENT II (SRX 805)	5.8	5.2	5.5	DOMINION	5.6	5.0	5.3
EXPEDETION (ATF-803)	5.4	5.5	5.5	LEGITIMATE	5.3	5.3	5.3
TEMPEST	6.0	4.9	5.5	GO-RD4	5.5	5.0	5.3
UT-RB3	5.9	5.0	5.5	DP 50-9082	5.7	4.8	5.2
MATADOR GT (PST-5TU0)	6.1	4.8	5.5	BAR FA 1CR7	5.1	5.3	5.2
JT-9	6.0	4.9	5.4	PICK TF H-97	5.4	5.1	5.2
SOUTHERN CHOICE II	6.0	4.9	5.4	MRF 211	5.8	4.6	5.2
TOMAHAWK GT	5.7	5.1	5.4	ELISA	5.1	5.2	5.2
KALAHARI	5.9	5.0	5.4	SR 8250	5.4	4.9	5.2
LARAMIE	5.4	5.5	5.4	BRAVO	5.2	5.1	5.2
SILVERADO II (PST-578)	5.9	5.0	5.4	DAYTONA (MRF 23)	5.3	5.0	5.2
TF66	5.5	5.3	5.4	MRF 27	5.5	4.8	5.2
AVENGER (L1Z)	5.6	5.2	5.4	JT-6	5.7	4.6	5.1
PST-5L0	5.4	5.4	5.4	JT-13	5.6	4.6	5.1
COYOTE	5.8	5.1	5.4	GO-FL3	5.8	4.2	5.0
RAPTOR (CIS-TF-33)	5.5	5.3	5.4	BONSAI	5.3	4.4	4.9
FALCON II	5.4	5.4	5.4	K01-8007	5.2	4.3	4.8
K01-E09	5.7	5.1	5.4	KY-31 E+	4.8	4.5	4.6
JT-12	5.9	4.9	5.4				
MRF 26	5.5	5.3	5.4	LSD VALUE	0.9	1.2	0.7
GRANDE II	5.9	4.9	5.4	C.V. (%)	9.6	13.5	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 11.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE PACIFIC REGION  
2003 DATA

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

NAME	CA3	WA3	MEAN	NAME	CA3	WA3	MEAN
AVENGER (L1Z)	6.7	5.6	6.2	PST-5JM	6.7	4.9	5.8
BILTMORE	6.7	5.4	6.0	PST-5L0	6.6	5.0	5.8
2ND MILLENNIUM	6.8	5.2	6.0	FIDELITY (PST-5T1)	6.7	4.9	5.8
PADRE (NJ4)	6.7	5.4	6.0	CONSTITUTION (ATF-593)	6.7	4.9	5.8
PST-5KI	6.7	5.3	6.0	FINELAWN ELITE (DLSB)	6.6	4.9	5.8
MAGELLAN (OD-4)	6.7	5.3	6.0	DYNAMIC (PST-57E)	6.6	4.9	5.8
TAR HEEL II (PST-5TR1)	6.6	5.4	6.0	BLACKWATCH (PICK-OD3-01)	6.7	4.8	5.8
JAGUAR 3	6.7	5.3	6.0	CIS-TF-64	6.6	4.9	5.8
GUARDIAN-21 (ROBERTS DOL)	6.9	5.1	6.0	NA-TDD	6.4	5.1	5.8
CIS-TF-67	6.6	5.3	6.0	TRACER	6.6	4.9	5.8
SR 8550 (SRX 8BE4)	6.7	5.3	6.0	LARAMIE	6.5	5.0	5.7
RIVERSIDE (PROSEEDS 5301)	6.7	5.2	5.9	MRF 25	6.4	5.0	5.7
WOLFPACK	6.6	5.3	5.9	SILVERADO II (PST-578)	6.7	4.8	5.7
JUSTICE (RB2-01)	6.7	5.2	5.9	MATADOR	6.7	4.7	5.7
K01-WAF	6.6	5.2	5.9	SR 8250	6.6	4.8	5.7
PICK-00-AFA	6.7	5.1	5.9	BAR FA 1005	6.8	4.6	5.7
B-7001	6.7	5.1	5.9	ENDEAVOR	6.5	5.0	5.7
CIS-TF-77	6.6	5.3	5.9	MRF 26	6.7	4.8	5.7
ELISA	6.4	5.4	5.9	TAR HEEL	6.6	4.9	5.7
REBEL EXEDA	6.7	5.1	5.9	FIREBIRD (CIS-TF-65)	6.7	4.8	5.7
OLYMPIC GOLD	6.7	5.1	5.9	PLANTATION	6.7	4.8	5.7
CIS-TF-60	6.5	5.3	5.9	MASTERPIECE	6.6	4.8	5.7
JT-6	6.7	5.1	5.9	PST-5KU	6.7	4.7	5.7
PST-5FZD	6.7	5.0	5.9	WYATT	6.4	5.0	5.7
TITANIUM (SBM)	6.7	5.1	5.9	REMBRANDT	6.7	4.7	5.7
COCHISE III (018)	6.7	5.0	5.9	FALCON II	6.4	5.0	5.7
BINGO	6.7	5.0	5.9	PROSPECT	6.6	4.8	5.7
PICASSO	6.7	5.0	5.9	BE1	6.6	4.8	5.7
KITTY HAWK 2000	6.6	5.1	5.8	PST-5BAB	6.6	4.8	5.7
BAR FA 1003	6.6	5.1	5.8	DP 50-9226	6.6	4.7	5.7
PST-5S12	6.7	5.0	5.8	INFERNO (JT-99)	6.7	4.6	5.7
BARLEXAS II	6.8	4.9	5.8	SCORPION	6.6	4.8	5.7
PICK ZMG	6.7	5.0	5.8	MA 138	6.7	4.7	5.7
APACHE III (PST-5A1)	6.7	5.0	5.8	QUEST	6.6	4.8	5.7
PST-5NAS	6.7	5.0	5.8	REBEL SENTRY	6.3	5.0	5.7
R-4	6.7	4.9	5.8	BARLEXAS	6.4	4.9	5.7
DAVINCI (LTP-7801)	6.6	5.1	5.8	K01-E09	6.7	4.6	5.7
PST-5BZ	6.7	4.9	5.8	LANCER	6.4	4.9	5.7
FALCON IV (F-4)	6.7	4.9	5.8	MA 127	6.7	4.6	5.7
GO-OD2	6.4	5.1	5.8	MATADOR GT (PST-5TU0)	6.7	4.6	5.7
SILVERSTAR (PST-5ASR)	6.7	4.9	5.8	KALAHARI	6.7	4.6	5.6
MILLENNIUM	6.7	4.9	5.8	NINJA 2 (ATF-800)	6.5	4.8	5.6
CAYENNE	6.7	4.9	5.8	ESCALADE (01-ORU1)	6.6	4.7	5.6
MRF 27	6.7	4.9	5.8	PST-53T	6.7	4.6	5.6
				BARRINGTON	6.6	4.7	5.6

TABLE 11. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE PACIFIC REGION  
2003 DATA

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

NAME	CA3	WA3	MEAN	NAME	CA3	WA3	MEAN
TAHOE (CAS-157)	6.6	4.7	5.6	TITAN LTD.	6.4	4.6	5.5
ATF 799	6.4	4.8	5.6	K01-E03	6.7	4.3	5.5
BRAVO	6.3	5.0	5.6	GO-FL3	5.9	5.1	5.5
JT-9	6.5	4.8	5.6	UT-155	6.6	4.3	5.5
MUSTANG 3	6.6	4.6	5.6	REGIMENT II (SRX 805)	6.5	4.4	5.5
FORTE (BE-2)	6.7	4.6	5.6	JT-15	6.4	4.5	5.5
RAPTOR (CIS-TF-33)	6.3	5.0	5.6	MRF 210	6.4	4.6	5.5
BLADE RUNNER (ROBERTS SM4)	6.7	4.6	5.6	JT-12	6.6	4.3	5.5
GRANDE II	6.7	4.6	5.6	SOUTHERN CHOICE II	6.6	4.3	5.5
ULTIMATE (01-RUTOR2)	6.7	4.6	5.6	TOMAHAWK GT	6.4	4.5	5.5
COYOTE	6.3	4.9	5.6	SIGNIA	6.5	4.4	5.5
DYNASTY	6.7	4.6	5.6	STONEWALL (JT-18)	6.5	4.4	5.5
MRF 211	6.7	4.6	5.6	BONSAI	6.4	4.5	5.4
ATF 586	6.5	4.7	5.6	DP 50-9082	6.5	4.4	5.4
GREMLIN (P-58)	6.7	4.5	5.6	TEMPEST	6.3	4.6	5.4
MRF 29	6.7	4.5	5.6	ATF 702	6.5	4.4	5.4
DOMINION	6.6	4.6	5.6	SOUTH PAW (MRF 24)	6.5	4.4	5.4
BARRERA	6.5	4.7	5.6	T991	6.3	4.6	5.4
FIVE POINT (MCN-RC)	6.5	4.6	5.6	DLF-J210	6.5	4.3	5.4
LEGITIMATE	6.6	4.5	5.6	ATF 707	6.2	4.7	5.4
MA 158	6.5	4.6	5.6	EA 163	6.3	4.5	5.4
WATCHDOG	6.6	4.5	5.6	GO-RD4	6.5	4.3	5.4
UT-RB3	6.6	4.6	5.6	MRF 28	6.5	4.3	5.4
PURE GOLD	6.4	4.7	5.6	DAYTONA (MRF 23)	6.2	4.6	5.4
ATF 806	6.5	4.6	5.6	BAR FA 1CR7	6.5	4.3	5.4
PICK TF H-97	6.5	4.6	5.6	TROOPER (01-TFOR3)	6.3	4.5	5.4
PST-DDL	6.6	4.5	5.6	EXPEDETION (ATF-803)	6.3	4.5	5.4
TURBO (CAS-MC1)	6.6	4.5	5.6	GO-SIU2	6.2	4.6	5.4
FOCUS	6.5	4.6	5.5	K01-8015	6.6	4.2	5.4
STETSON	6.3	4.8	5.5	SR 8600	6.4	4.3	5.4
COVENANT (ATF 802)	6.6	4.4	5.5	TULSA II (ATF 706)	6.4	4.3	5.4
ATF 704	6.3	4.8	5.5	FINESSE II	6.6	4.1	5.3
CAS-ED	6.4	4.6	5.5	K01-8007	6.6	4.1	5.3
JT-13	6.7	4.4	5.5	KY-31 E+	4.6	3.6	4.1
JTTFF-2000	6.5	4.5	5.5				
RENDITION	6.5	4.5	5.5	LSD VALUE	0.5	0.6	0.4
TF66	6.3	4.7	5.5	C.V. (%)	4.4	8.4	6.2

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 12.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHERN REGION  
2003 DATA

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

NAME	AL1	GA1	MEAN	NAME	AL1	GA1	MEAN
DAVINCI (LTP-7801)	5.6	6.8	6.2	FIREBIRD (CIS-TF-65)	5.4	6.3	5.8
PST-5NAS	5.9	6.5	6.2	ATF 799	5.5	6.2	5.8
FORTE (BE-2)	5.6	6.6	6.1	BARRINGTON	5.4	6.2	5.8
TAR HEEL II (PST-5TR1)	5.8	6.4	6.1	RENDITION	5.8	5.9	5.8
ULTIMATE (01-RUTOR2)	5.7	6.4	6.0	SR 8250	5.7	6.0	5.8
BAR FA 1005	5.5	6.6	6.0	BAR FA 1003	5.3	6.3	5.8
PADRE (NJ4)	5.7	6.3	6.0	K01-E09	5.6	6.0	5.8
GRANDE II	6.0	6.1	6.0	DYNAMIC (PST-57E)	5.5	6.1	5.8
BLACKWATCH (PICK-0D3-01)	5.6	6.5	6.0	SILVERSTAR (PST-5ASR)	5.2	6.4	5.8
PST-5KU	5.7	6.3	6.0	SOUTH PAW (MRF 24)	5.6	6.0	5.8
REBEL EXEDA	5.5	6.5	6.0	ATF 806	5.4	6.2	5.8
FOCUS	5.6	6.3	6.0	BINGO	5.4	6.2	5.8
MUSTANG 3	5.5	6.5	6.0	KALAHARI	5.3	6.2	5.8
JUSTICE (RB2-01)	5.5	6.5	6.0	PICK ZMG	5.6	5.9	5.8
FIDELITY (PST-5T1)	5.4	6.6	6.0	BE1	5.1	6.4	5.8
MRF 27	5.7	6.3	6.0	JT-15	5.1	6.4	5.8
INFERNO (JT-99)	5.6	6.4	6.0	MA 158	5.5	6.1	5.8
AVENGER (L1Z)	5.4	6.5	6.0	PURE GOLD	5.7	5.8	5.8
GO-OD2	5.4	6.5	5.9	BARLEXAS II	5.6	5.9	5.8
DYNASTY	5.5	6.3	5.9	ENDEAVOR	5.3	6.3	5.8
CIS-TF-77	5.5	6.4	5.9	PST-5FZD	5.3	6.3	5.8
T991	5.7	6.2	5.9	APACHE III (PST-5A1)	5.2	6.3	5.8
REBEL SENTRY	5.7	6.2	5.9	JT-9	5.4	6.2	5.8
TAR HEEL	5.5	6.4	5.9	PST-5BAB	5.4	6.2	5.8
K01-8015	5.6	6.2	5.9	QUEST	5.4	6.2	5.8
COCHISE III (018)	5.2	6.6	5.9	ATF 702	5.3	6.2	5.8
REGIMENT II (SRX 805)	5.4	6.4	5.9	FINESSE II	5.3	6.2	5.8
MRF 28	5.6	6.2	5.9	DP 50-9082	5.5	6.0	5.8
R-4	5.2	6.5	5.9	PST-5LO	5.2	6.3	5.8
TULSA II (ATF 706)	5.7	6.0	5.9	DOMINION	5.2	6.3	5.8
GREMLIN (P-58)	5.3	6.4	5.9	B-7001	5.1	6.4	5.7
FINELAWN ELITE (DLSO)	5.6	6.2	5.9	TF66	5.4	6.1	5.7
BARRERA	5.9	5.8	5.9	FIVE POINT (MCN-RC)	5.3	6.2	5.7
NA-TDD	5.4	6.3	5.9	MAGELLAN (OD-4)	5.2	6.2	5.7
FALCON IV (F-4)	5.4	6.3	5.9	PST-5KI	5.2	6.2	5.7
UT-RB3	5.0	6.7	5.9	MASTERPIECE	5.2	6.3	5.7
2ND MILLENNIUM	5.3	6.5	5.9	BILTMORE	5.5	6.0	5.7
CAYENNE	5.5	6.2	5.9	LANCER	5.5	6.0	5.7
CAS-ED	5.6	6.1	5.8	COYOTE	5.4	6.0	5.7
WOLFPACK	5.7	6.0	5.8	SOUTHERN CHOICE II	5.4	6.0	5.7
JT-6	5.6	6.1	5.8	ESCALADE (01-ORU1)	5.4	6.1	5.7
K01-E03	5.5	6.2	5.8	COVENANT (ATF 802)	5.2	6.2	5.7
UT-155	5.5	6.2	5.8	STONEWALL (JT-18)	5.5	5.9	5.7
SILVERADO II (PST-578)	5.4	6.2	5.8	PST-5S12	5.5	5.9	5.7
				PICK-00-AFA	5.4	6.0	5.7

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHERN REGION  
2003 DATA

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

NAME	AL1	GA1	MEAN	NAME	AL1	GA1	MEAN
BLADE RUNNER (ROBERTS SM4)	5.1	6.3	5.7	SCORPION	5.0	6.1	5.6
TURBO (CAS-MC1)	5.1	6.3	5.7	GO-SIU2	5.4	5.8	5.6
GUARDIAN-21 (ROBERTS DOL)	5.3	6.1	5.7	JT-13	5.2	5.9	5.6
MRF 210	5.5	5.9	5.7	KITTY HAWK 2000	5.2	5.9	5.6
CIS-TF-60	5.4	5.9	5.7	ATF 586	5.2	5.9	5.6
TITANIUM (SBM)	5.4	6.0	5.7	JTTF-2000	5.4	5.7	5.6
MATADOR GT (PST-5TU0)	5.4	6.0	5.7	SIGNIA	4.9	6.2	5.5
CIS-TF-67	5.3	6.0	5.7	BRAVO	5.2	5.8	5.5
PST-53T	5.3	6.1	5.7	REMBRANDT	5.2	5.8	5.5
PST-5BZ	5.2	6.1	5.7	GO-FL3	5.2	5.9	5.5
MA 138	5.2	6.2	5.7	ATF 707	5.1	5.9	5.5
CONSTITUTION (ATF-593)	5.1	6.2	5.7	RAPTOR (CIS-TF-33)	5.3	5.7	5.5
STETSON	5.4	5.9	5.7	BONSAI	5.5	5.5	5.5
JT-12	5.2	6.1	5.7	ATF 704	5.2	5.8	5.5
PST-5JM	5.1	6.2	5.7	PST-DDL	5.0	6.0	5.5
MA 127	5.4	5.9	5.7	SR 8550 (SRX 8BE4)	5.2	5.8	5.5
OLYMPIC GOLD	5.0	6.3	5.7	PLANTATION	5.3	5.7	5.5
TROOPER (01-TFOR3)	5.5	5.8	5.6	PICK TF H-97	5.0	6.0	5.5
JAGUAR 3	5.1	6.2	5.6	KO1-WAF	5.1	5.8	5.5
LEGITIMATE	5.3	5.9	5.6	MRF 29	5.2	5.7	5.5
MRF 211	5.3	5.9	5.6	BAR FA 1CR7	5.2	5.8	5.5
DLF-J210	5.3	6.0	5.6	TRACER	5.4	5.5	5.5
RIVERSIDE (PROSEEDS 5301)	5.6	5.7	5.6	MATADOR	5.0	5.9	5.5
EA 163	5.4	5.8	5.6	LARAMIE	4.9	6.0	5.5
DP 50-9226	5.3	5.9	5.6	TAHOE (CAS-157)	4.8	6.1	5.4
SR 8600	5.3	5.9	5.6	WYATT	5.0	5.9	5.4
EXPEDETION (ATF-803)	5.2	6.0	5.6	GO-RD4	4.8	6.1	5.4
NINJA 2 (ATF-800)	5.2	6.0	5.6	TEMPEST	5.1	5.7	5.4
WATCHDOG	4.9	6.4	5.6	ELISA	5.0	5.8	5.4
MRF 26	5.1	6.2	5.6	TOMAHAWK GT	5.2	5.5	5.4
CIS-TF-64	5.0	6.2	5.6	BARLEXAS	4.9	5.8	5.4
PROSPECT	5.1	6.1	5.6	DAYTONA (MRF 23)	4.7	6.0	5.4
KO1-8007	5.1	6.1	5.6	FALCON II	4.9	5.7	5.3
TITAN LTD.	5.4	5.8	5.6	KY-31 E+	4.8	5.5	5.1
MRF 25	4.9	6.2	5.6				
PICASSO	4.9	6.2	5.6	LSD VALUE	0.5	0.7	0.4
MILLENNIUM	5.1	6.1	5.6	C.V. (%)	6.0	6.8	6.5

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.

TABLE 13.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	AR1	CA3	IA1	IL2	IN1	KS2	MA1	MD1	M01	NC1	NE1	NJ1	NJ2	NJ3	NM1	PA1	SD1	TX1	VA1	WA1	WA3	WI1	MEAN
CIS-TF-60	6.3	6.7	6.7	7.7	8.7	7.7	8.7	5.7	8.0	6.0	7.3	7.3	8.3	8.7	8.3	6.3	8.7	7.0	7.3	8.0	8.7	8.0	5.7	7.5
MRF 28	6.0	7.0	7.0	7.0	8.3	7.0	9.0	5.7	7.7	5.7	6.7	7.3	8.0	7.3	8.0	6.7	7.7	7.0	7.3	7.7	8.7	8.0	6.0	7.2
FIREBIRD (CIS-TF-65)	6.3	5.7	7.0	7.7	7.3	7.3	8.3	6.0	8.0	5.7	6.7	6.7	8.7	8.0	8.7	7.0	8.0	7.0	7.0	7.0	8.3	8.0	6.0	7.2
NA-TDD	5.0	6.0	7.0	7.0	7.7	7.3	8.7	6.0	7.7	6.0	6.7	8.0	7.0	7.7	7.0	6.3	8.0	7.0	7.0	8.0	8.0	8.0	6.0	7.1
MRF 211	6.0	6.3	7.0	8.0	7.7	7.3	8.3	5.3	8.0	6.0	6.7	7.0	7.7	6.7	7.7	6.7	7.3	6.7	7.3	7.3	8.3	7.3	6.0	7.1
REGIMENT II (SRX 805)	6.0	6.0	7.0	7.7	7.7	7.3	9.0	6.0	7.7	5.3	7.0	7.0	7.3	6.3	7.3	6.0	7.3	7.7	7.0	8.0	8.7	8.0	5.3	7.1
JT-6	5.7	6.3	7.0	8.0	8.3	7.0	8.0	5.3	7.3	5.7	6.3	7.3	8.3	7.0	8.3	6.3	7.0	7.0	7.0	7.3	8.0	7.3	6.3	7.1
MRF 29	5.3	5.7	7.0	8.0	8.7	7.0	8.7	6.0	7.3	5.7	5.3	7.7	7.0	7.0	7.0	6.3	7.3	7.0	7.0	7.7	8.3	7.3	6.0	7.0
ATF 702	5.0	5.7	7.0	8.0	8.0	7.0	8.3	5.3	7.7	5.7	6.0	7.7	7.0	7.0	7.0	6.7	6.3	7.0	7.0	7.7	8.0	7.7	6.0	6.9
MRF 210	5.7	5.7	7.0	8.7	7.0	7.0	8.7	6.0	7.3	5.7	5.0	7.3	7.3	6.7	7.3	6.7	6.0	7.0	7.0	7.7	8.3	7.3	6.0	6.9
MRF 26	5.0	6.0	7.0	8.0	6.3	7.3	8.3	5.7	7.3	4.7	6.3	7.3	7.3	6.7	7.3	6.0	7.7	7.0	7.0	7.7	8.7	7.7	6.0	6.9
JT-13	5.0	5.3	7.0	7.0	8.0	7.0	7.3	5.3	7.0	6.0	6.3	6.7	7.0	7.3	7.0	7.0	8.0	6.7	7.0	7.7	8.7	7.7	6.0	6.9
BAR FA 1CR7	5.0	6.0	7.0	7.3	7.0	7.3	8.3	5.7	7.3	5.7	6.7	7.7	7.0	7.3	7.0	5.3	7.0	6.3	7.3	7.7	8.0	7.7	6.0	6.9
K01-8015	6.0	6.3	7.0	8.0	9.0	7.0	6.3	5.0	7.3	5.0	7.0	6.7	6.7	5.3	6.7	7.3	8.0	7.0	7.0	7.7	8.0	7.0	5.7	6.8
EA 163	5.0	5.7	7.0	7.7	6.0	6.7	8.0	5.7	7.0	5.7	6.3	7.3	7.3	6.3	7.3	6.3	7.3	7.0	7.3	8.0	8.3	7.7	5.7	6.8
JT-9	5.0	5.7	7.0	8.0	7.3	7.0	7.3	5.3	6.7	5.0	6.0	8.0	8.3	6.0	8.3	6.7	6.7	6.7	7.0	7.0	8.0	7.3	6.0	6.8
BINGO	5.0	5.3	7.0	7.7	6.7	7.0	8.0	5.0	7.3	5.7	5.3	7.3	8.0	7.3	8.0	6.7	6.3	6.7	7.0	7.7	8.0	7.7	5.7	6.8
PST-53T	4.7	6.0	7.0	8.0	6.3	7.0	7.7	6.0	7.3	5.7	6.3	7.3	7.3	6.3	7.3	6.3	7.3	6.7	6.7	7.3	8.3	7.0	6.0	6.8
SR 8550 (SRX 8BE4)	6.0	6.3	7.0	8.0	7.7	7.3	7.0	5.3	7.0	5.7	6.7	7.0	6.3	5.3	6.3	6.3	7.3	6.7	7.3	7.7	8.3	7.3	6.0	6.8
FINESSE II	5.0	7.0	7.0	8.0	6.3	7.3	7.7	5.7	6.7	5.3	5.7	7.0	7.0	6.0	7.0	7.3	7.3	7.0	7.0	7.0	8.0	7.0	6.0	6.8
RAPTOR (CIS-TF-33)	5.0	6.3	7.0	7.0	8.3	7.3	7.3	5.0	7.0	5.7	6.7	7.3	6.7	5.7	6.7	6.3	8.0	6.3	7.0	7.0	8.3	7.0	6.0	6.7
MATADOR	5.3	5.3	7.0	8.0	8.3	7.0	7.0	5.3	7.3	5.0	7.0	6.7	7.0	6.0	7.0	6.0	6.7	6.7	7.0	7.7	8.3	7.0	5.7	6.7
K01-8007	4.3	5.7	7.0	7.7	8.7	7.0	7.0	5.0	6.7	5.7	6.3	6.7	7.0	5.7	7.0	6.3	7.7	6.7	7.0	7.7	8.0	7.3	6.0	6.7
SIGNIA	5.0	5.3	7.0	7.3	7.0	7.3	7.7	5.0	7.0	5.7	6.3	7.3	6.7	6.7	6.7	7.0	7.0	6.3	7.3	7.3	8.0	7.3	5.7	6.7
MA 158	5.0	6.0	7.0	8.0	6.3	7.0	7.0	5.0	7.0	5.3	6.0	7.7	7.7	6.0	7.7	6.7	7.0	6.7	7.0	7.7	8.0	7.0	5.0	6.7
T991	6.3	5.3	7.0	8.0	6.3	7.0	7.0	5.0	7.0	4.7	7.0	6.7	7.7	7.0	7.7	6.3	6.7	6.7	7.0	7.0	8.0	7.0	5.3	6.7
CIS-TF-64	5.0	7.0	7.0	7.0	8.3	7.0	7.0	5.3	7.0	4.7	7.0	7.3	6.3	5.3	6.3	7.7	7.3	6.0	7.0	7.7	8.0	7.3	5.0	6.7
DAYTONA (MRF 23)	4.3	4.7	7.0	7.0	6.3	6.7	8.7	5.3	7.3	5.0	6.3	6.7	7.3	7.0	7.3	6.7	7.0	6.7	7.0	7.7	8.0	7.7	6.0	6.7
BILTMORE	6.0	5.7	7.0	7.0	6.7	7.0	7.0	5.3	7.7	5.7	6.7	6.7	6.7	6.7	6.7	6.7	6.3	6.7	7.0	7.0	8.0	7.7	5.7	6.7
INFERNO (JT-99)	5.3	6.0	7.0	7.0	7.7	7.7	7.0	5.0	8.0	5.7	6.7	7.0	5.7	5.0	5.7	6.7	7.3	6.7	7.3	7.0	8.0	8.0	6.0	6.7
MRF 25	4.3	4.7	7.0	7.7	6.7	7.0	7.7	5.7	7.0	5.3	6.0	6.7	7.3	6.3	7.3	6.3	7.3	7.0	7.0	7.7	8.3	7.3	5.7	6.7
PST-5KU	6.0	5.7	7.0	8.0	7.0	7.0	7.3	5.3	7.7	5.0	6.3	7.0	6.0	6.0	6.0	7.0	6.7	6.3	7.0	7.3	8.7	7.3	5.3	6.7
UT-RB3	5.3	5.3	7.0	8.0	7.7	6.7	7.3	5.3	7.3	5.0	5.3	7.3	6.0	6.7	6.0	8.0	7.0	6.7	7.0	7.3	8.0	7.0	5.7	6.7
JT-12	5.7	6.0	7.0	8.0	7.7	7.0	7.0	5.0	6.7	5.3	6.7	6.3	6.7	6.3	6.7	6.7	7.0	6.0	7.0	7.3	8.0	7.0	5.7	6.6
STONEWALL (JT-18)	5.7	5.7	7.0	7.7	6.3	7.0	7.7	5.0	7.0	5.3	6.0	7.7	7.0	6.0	7.0	6.3	6.0	6.3	6.7	7.3	8.7	7.3	6.0	6.6
FORTE (BE-2)	5.0	5.7	7.0	7.7	6.0	7.0	7.3	5.0	7.3	5.7	6.7	7.7	7.0	5.7	7.0	6.3	7.0	7.0	6.7	7.0	8.0	7.3	5.3	6.6
MRF 27	5.0	5.7	7.0	8.0	7.0	7.3	7.3	5.7	7.0	5.0	7.0	7.7	6.3	5.7	6.3	6.3	6.3	6.3	7.0	7.3	8.0	7.0	6.0	6.6
ATF 799	5.0	5.0	7.0	7.7	6.3	7.0	7.7	5.3	7.3	5.0	6.0	7.0	6.7	6.0	6.7	6.7	6.0	7.0	6.7	7.7	8.3	8.0	6.0	6.6
JT-15	4.7	5.3	7.0	8.0	7.0	7.0	7.3	4.7	7.0	5.3	5.7	7.7	7.3	5.7	7.3	6.7	6.7	6.3	7.0	7.0	8.0	7.3	6.0	6.6
CIS-TF-67	5.0	5.7	6.7	7.0	7.0	7.7	7.3	5.3	7.0	5.7	5.7	7.3	5.7	6.3	5.7	6.3	8.3	6.3	7.0	7.3	8.0	7.7	6.0	6.6
MA 138	5.7	5.0	6.7	7.3	6.0	7.0	7.3	5.3	7.3	5.7	6.3	6.7	6.7	5.3	6.7	6.3	7.7	6.7	7.0	7.3	8.7	7.7	5.7	6.6
PST-5JM	5.0	6.0	7.0	7.0	6.7	7.0	7.3	5.0	7.3	5.7	5.7	7.3	6.7	5.7	6.7	7.0	7.3	6.3	7.0	7.0	8.0	7.7	5.3	6.6
JUSTICE (RB2-01)	6.0	5.7	7.0	7.0	5.7	7.3	7.0	5.0	7.0	5.3	7.0	6.0	7.3	6.0	7.3	6.7	6.3	7.0	7.0	7.0	8.0	7.7	5.3	6.6
PST-DDL	4.3	7.0	7.0	8.0	8.0	7.3	7.0	5.7	7.0	5.0	6.0	6.3	6.7	5.0	6.7	6.0	7.0	6.3	7.3	7.0	8.0	7.3	5.7	6.6

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	AR1	CA3	IA1	IL2	IN1	KS2	MA1	MD1	MO1	NC1	NE1	NJ1	NJ2	NJ3	NM1	PA1	SD1	TX1	VA1	WA1	WA3	WI1	MEAN
TURBO (CAS-MC1)	5.3	7.0	7.0	7.0	6.7	7.7	7.0	5.7	7.0	5.7	6.0	7.3	6.3	5.3	6.3	6.3	7.0	6.0	7.0	7.0	8.0	7.3	5.7	6.6
UT-155	5.0	5.3	7.0	7.0	7.0	7.3	7.3	5.0	7.0	5.7	6.7	7.0	6.3	5.0	6.3	6.0	8.0	7.0	7.0	7.3	8.0	7.7	5.7	6.6
B-7001	5.3	6.3	7.0	7.7	6.3	7.0	7.0	5.3	7.0	5.0	6.3	7.7	6.3	5.7	6.3	7.0	6.7	6.3	7.0	7.3	8.3	7.0	5.3	6.6
TAHOE (CAS-157)	5.0	6.3	6.7	8.0	6.3	7.0	7.0	5.7	7.3	5.7	5.0	7.3	7.0	5.3	7.0	5.0	7.0	7.0	7.0	7.7	8.0	7.3	5.7	6.6
JTTF-2000	6.0	6.0	7.0	8.0	6.0	6.3	7.0	5.0	7.0	5.7	6.0	7.7	6.7	5.0	6.7	6.3	6.7	6.3	7.0	7.3	8.3	7.3	5.7	6.6
RENDITION	6.0	5.3	7.0	7.0	7.0	7.0	7.0	5.3	6.7	5.3	6.7	8.0	6.7	4.0	6.7	6.0	7.3	6.7	6.7	7.0	8.0	7.7	6.0	6.6
RIVERSIDE (PROSEEDS 5301)	5.7	5.0	7.0	8.0	6.3	7.0	7.0	5.0	7.3	5.0	7.0	6.3	6.3	5.3	6.3	6.7	7.3	7.0	7.0	7.3	8.3	7.0	5.7	6.6
BARRERA	6.0	5.3	6.7	7.7	5.7	7.0	7.3	5.3	6.7	5.3	6.0	8.0	6.0	5.7	6.0	7.0	7.3	6.3	7.0	7.0	8.0	7.7	6.0	6.6
QUEST	5.0	6.7	7.0	8.0	7.0	7.0	7.0	4.7	7.0	5.3	5.7	6.3	6.7	5.7	6.7	7.0	6.7	6.7	7.0	7.0	8.0	7.3	5.3	6.6
TEMPEST	5.0	5.0	6.7	7.7	5.3	7.0	7.3	5.7	7.3	5.0	6.7	7.3	6.7	6.0	6.7	6.3	6.3	6.7	7.0	7.7	8.0	7.3	5.7	6.5
GREMLIN (P-58)	4.7	5.7	7.0	7.7	6.0	7.3	6.7	5.0	7.3	5.7	6.0	7.3	6.7	5.3	6.7	6.3	7.3	6.0	7.0	7.3	8.3	7.3	5.3	6.5
GUARDIAN-21 (ROBERTS DOL)	5.3	5.7	7.0	7.0	6.0	7.0	7.3	5.0	7.3	5.3	6.0	7.3	6.7	4.7	6.7	6.3	7.0	7.0	7.0	7.7	8.3	7.0	5.3	6.5
MA 127	5.3	6.0	7.0	7.0	6.3	7.7	7.0	5.0	7.0	5.3	6.0	7.0	5.7	6.3	5.7	6.7	7.0	6.3	7.0	7.7	8.3	7.3	5.3	6.5
FIVE POINT (MCN-RC)	4.7	5.7	7.0	7.3	6.3	7.0	7.0	5.3	7.3	5.3	6.0	7.3	6.7	5.3	6.7	6.0	7.0	7.0	7.0	7.0	8.0	7.0	6.0	6.5
SOUTHERN CHOICE II	6.0	5.3	7.0	7.0	6.0	7.3	7.7	5.0	7.0	5.3	6.0	7.0	6.7	6.7	6.7	6.0	5.3	6.3	7.0	7.7	8.3	7.0	5.7	6.5
REBEL SENTRY	6.0	5.3	6.7	8.0	6.7	7.0	7.3	5.0	7.0	5.0	6.7	6.3	6.3	6.0	6.3	6.0	6.7	6.3	7.0	7.0	8.0	7.7	5.7	6.5
TRACER	5.0	5.7	6.7	8.0	6.7	6.7	7.3	5.0	7.0	5.0	6.7	7.7	6.0	5.3	6.0	6.3	7.3	6.7	6.7	7.0	8.0	7.0	6.0	6.5
COCHISE III (018)	5.7	4.7	6.7	7.7	7.0	7.3	7.0	5.3	7.0	6.0	7.3	7.3	5.3	5.0	5.3	6.3	6.3	6.7	7.0	7.3	8.3	8.0	5.0	6.5
PURE GOLD	5.0	5.7	6.3	8.0	7.0	7.0	7.0	5.0	7.0	5.0	6.0	7.7	6.3	5.3	6.3	6.0	6.7	6.3	7.0	7.3	8.3	7.3	5.7	6.5
BLADE RUNNER (ROBERTS SM4)	6.0	5.3	7.0	7.7	5.0	7.0	7.0	5.7	7.0	4.3	6.7	6.3	6.3	6.0	6.3	6.7	7.3	6.7	6.7	7.3	8.3	7.0	5.3	6.5
CAS-ED	5.3	5.3	7.0	7.0	6.3	7.0	7.0	5.7	7.0	5.7	5.0	7.7	6.0	5.3	6.0	6.7	6.7	7.0	7.0	7.0	8.7	7.0	5.7	6.5
LARAMIE	4.7	6.0	6.7	8.0	7.0	7.0	7.0	5.0	7.0	4.7	6.7	7.0	6.7	5.0	6.7	6.3	6.3	6.7	7.0	7.0	8.0	7.0	5.7	6.5
BARRINGTON	5.3	5.0	6.7	8.0	6.7	6.3	7.0	5.0	7.0	5.7	5.7	7.0	6.3	5.7	6.3	5.7	7.0	6.3	7.0	7.3	8.0	7.7	6.0	6.5
CIS-TF-77	5.0	6.0	6.3	7.0	6.7	7.0	7.0	5.3	6.7	5.0	7.0	7.7	5.7	5.0	5.7	7.0	7.3	6.0	6.7	7.0	8.0	7.7	6.0	6.5
PICK ZMG	6.0	5.0	7.0	8.0	5.7	7.0	7.0	5.0	7.3	5.3	6.3	7.3	6.3	4.3	6.3	6.3	7.3	6.3	7.0	7.0	8.0	7.3	5.3	6.5
PST-5NAS	5.0	5.3	7.0	7.7	5.0	7.0	6.7	5.0	7.0	5.7	6.3	7.0	7.0	5.7	7.0	6.3	6.7	6.0	7.0	7.3	8.0	7.0	6.0	6.5
PROSPECT	5.0	5.3	7.0	7.7	5.7	7.3	7.7	5.7	7.0	5.0	7.0	7.3	5.0	5.3	5.0	7.0	7.0	6.7	6.7	7.0	8.0	7.7	5.7	6.5
MATADOR GT (PST-5TU0)	6.0	5.3	6.3	7.0	6.3	7.0	7.7	4.7	7.0	4.7	5.3	7.3	6.3	6.0	6.3	7.0	5.7	6.7	7.0	7.3	8.3	7.7	5.7	6.5
FOCUS	5.3	4.7	7.0	8.0	5.7	7.0	7.0	5.7	7.7	5.0	6.3	7.3	6.0	5.7	6.0	6.3	6.7	7.0	6.7	6.7	8.3	7.3	5.0	6.4
PLANTATION	5.3	6.3	7.0	7.7	5.3	7.0	7.0	5.3	7.0	5.7	6.3	7.3	6.0	5.3	6.0	6.3	6.3	6.3	6.7	7.3	8.0	7.0	5.7	6.4
BLACKWATCH (PICK-0D3-01)	5.0	5.7	7.0	8.0	6.3	7.3	7.0	5.0	7.0	5.7	6.3	6.3	6.0	5.3	6.0	6.3	6.3	6.3	7.0	7.3	8.3	7.3	5.0	6.4
ULTIMATE (01-RUTOR2)	5.3	5.3	7.0	7.7	5.3	7.3	7.0	5.0	7.0	5.3	6.3	6.7	6.3	5.0	6.3	6.7	6.7	6.3	6.7	7.7	8.3	7.0	5.3	6.4
MAGELLAN (0D-4)	6.0	5.3	7.0	8.0	6.0	7.0	7.3	5.3	7.3	5.0	6.0	7.0	5.3	5.3	5.3	6.0	7.0	7.0	7.0	6.7	8.0	7.3	5.3	6.4
R-4	6.0	4.7	7.0	7.0	5.7	6.7	7.0	5.0	7.0	5.3	6.3	7.3	6.3	6.0	6.3	6.7	6.7	6.7	7.0	8.0	7.0	5.3	6.4	
2ND MILLENNIUM	6.0	6.0	7.0	7.7	5.3	7.7	7.0	5.0	6.7	5.7	6.3	7.0	6.0	5.3	6.0	6.3	6.3	6.7	7.0	6.7	8.0	7.0	5.0	6.4
ATF 707	5.3	4.7	7.0	8.0	5.7	7.0	7.0	5.3	6.7	5.3	6.7	7.7	6.7	4.7	6.7	6.0	6.0	6.7	7.0	7.3	7.7	7.0	5.0	6.4
ATF 806	5.0	5.0	7.0	8.0	5.7	7.3	7.0	5.0	7.3	5.3	5.7	7.7	5.7	5.0	5.7	6.7	6.0	6.7	7.0	7.0	8.0	7.7	5.7	6.4
AVENGER (L1Z)	5.3	5.3	7.0	7.0	6.0	7.3	7.3	5.3	7.0	5.0	6.7	7.3	4.7	6.0	4.7	6.0	6.7	7.0	7.0	7.3	8.0	7.3	5.7	6.4
DAVINCI (LTP-7801)	6.0	5.3	7.0	7.7	6.3	7.3	7.0	4.7	7.0	4.7	6.7	7.0	5.3	5.7	5.3	6.0	6.3	6.3	7.0	7.3	8.0	7.0	6.0	6.4
REBEL EXEDA	6.0	5.7	7.0	8.0	6.0	7.0	6.7	4.7	7.0	4.7	6.3	7.7	5.3	4.7	5.3	7.0	6.7	6.3	6.7	7.7	8.0	7.0	5.7	6.4
CAYENNE	5.0	5.3	7.0	7.0	5.3	7.3	6.7	5.0	7.0	5.3	6.7	7.7	6.3	5.0	6.3	5.7	6.7	6.3	6.7	7.3	8.0	7.3	5.7	6.4
COYOTE	6.0	4.7	7.0	7.3	5.7	7.0	7.3	5.3	6.7	5.3	6.0	6.3	6.3	4.7	6.3	6.7	6.7	6.7	7.0	7.0	8.0	7.3	5.3	6.4
BAR FA 1003	5.0	5.3	6.3	7.0	6.0	7.3	7.0	4.7	7.0	5.0	6.7	8.0	6.3	5.0	6.3	6.3	6.3	6.3	6.7	7.0	8.3	7.0	5.3	6.4
PST-5FZD	5.0	6.0	7.0	7.0	6.7	7.0	7.0	4.7	6.7	5.0	6.3	7.3	6.0	4.3	6.0	6.7	6.3	6.0	7.0	7.3	8.0	7.0	6.0	6.4
K01-E09	4.7	4.0	6.3	8.0	5.3	7.0	7.3	5.0	7.0	5.3	6.3	7.7	5.7	5.3	5.7	6.3	6.3	6.7	7.0	7.3	8.3	7.7	5.7	6.3

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	AR1	CA3	IA1	IL2	IN1	KS2	MA1	MD1	MO1	NC1	NE1	NJ1	NJ2	NJ3	NM1	PA1	SD1	TX1	VA1	WA1	WA3	WI1	MEAN
BAR FA 1005	5.0	6.0	7.0	8.0	6.0	7.0	7.0	4.7	7.3	5.3	4.7	6.7	6.0	5.3	6.0	6.3	7.0	6.0	6.7	7.0	8.3	7.0	5.3	6.3
COVENANT (ATF 802)	5.0	5.0	7.0	8.0	6.3	7.0	7.3	5.3	7.0	5.3	6.0	7.0	6.0	5.0	6.0	6.7	6.0	6.0	6.7	7.0	8.0	6.7	5.3	6.3
SOUTH PAW (MRF 24)	5.3	4.7	6.7	8.0	5.0	6.7	7.3	5.3	7.0	5.0	6.3	7.3	6.7	5.0	6.7	5.7	6.7	6.3	6.7	7.3	8.0	6.7	5.3	6.3
KALAHARI	5.3	5.3	6.3	8.0	5.7	7.0	6.7	5.0	7.0	5.0	6.7	7.3	5.0	5.7	5.0	6.0	7.0	6.7	6.3	7.3	8.0	7.3	6.0	6.3
FALCON IV (F-4)	4.7	5.3	7.0	7.0	5.7	7.0	7.0	5.3	7.0	5.3	6.7	6.7	5.7	5.3	5.7	6.7	6.3	6.3	7.0	7.0	8.0	7.3	5.3	6.3
ESCALADE (01-ORU1)	6.0	5.0	7.0	7.7	5.7	7.7	7.0	5.0	7.0	5.3	6.3	6.3	6.0	5.0	6.0	6.7	5.3	6.0	6.7	7.3	7.7	7.3	5.3	6.3
CONSTITUTION (ATF-593)	4.7	5.7	7.0	8.3	6.7	7.3	7.0	5.3	7.0	5.3	6.7	6.7	5.3	4.7	5.3	6.0	6.3	6.3	7.0	6.7	8.0	6.7	5.3	6.3
SR 8600	4.7	5.7	6.7	7.0	6.0	7.0	7.0	5.3	7.0	5.0	5.7	6.7	6.7	4.3	6.7	6.0	7.0	6.0	6.7	7.3	8.0	7.3	5.7	6.3
KITTY HAWK 2000	4.7	5.7	7.0	7.0	5.7	6.7	7.0	4.7	7.0	4.7	6.3	7.3	6.7	4.3	6.7	6.3	6.7	6.3	6.7	7.3	8.0	7.0	5.3	6.3
PICK-00-AFA	5.7	5.0	7.0	6.7	5.0	7.0	6.3	4.7	7.0	5.3	6.3	7.7	6.0	4.7	6.0	7.0	6.7	6.3	7.0	7.0	8.0	7.0	5.7	6.3
TOMAHAWK GT	5.0	6.7	7.0	8.0	5.3	7.0	7.0	5.0	7.0	4.7	6.0	6.3	6.7	4.3	6.7	6.3	5.3	6.0	7.0	7.3	8.0	7.0	5.3	6.3
MUSTANG 3	5.3	5.0	7.0	8.0	5.0	7.3	7.0	5.0	7.0	4.7	6.0	8.3	5.3	5.3	5.3	5.7	6.0	6.3	7.0	7.7	8.0	6.7	5.7	6.3
BARLEXAS II	5.0	5.0	6.7	8.0	5.7	7.3	7.0	5.0	7.0	4.7	5.7	7.7	6.0	5.7	6.0	5.0	6.3	6.0	6.7	7.0	8.0	7.3	5.7	6.3
PADRE (NJ4)	5.3	5.3	7.0	7.7	6.0	7.3	7.0	4.7	7.0	4.7	6.0	6.0	5.7	4.3	5.7	6.0	6.7	6.3	6.7	7.0	8.0	7.3	6.0	6.3
PST-5BAB	4.7	5.0	6.7	7.0	5.7	7.0	7.0	5.3	7.0	5.3	6.0	7.0	6.3	5.0	6.3	5.7	7.0	6.0	7.0	7.0	8.0	7.3	5.0	6.3
EXPEDETION (ATF-803)	5.7	4.3	7.0	7.0	5.7	6.3	7.0	5.0	7.0	5.0	6.0	6.7	7.0	5.3	7.0	6.3	5.3	7.0	6.7	7.0	8.0	7.0	5.0	6.3
GRANDE II	5.0	5.3	7.0	7.3	5.0	6.7	7.0	5.0	7.0	4.7	6.0	7.0	6.3	4.7	6.3	6.0	5.7	7.0	6.7	7.0	8.0	7.0	5.7	6.2
APACHE III (PST-5A1)	4.7	6.0	6.3	7.0	5.7	7.0	6.7	5.0	7.0	4.7	6.3	6.7	5.7	5.3	5.7	6.7	6.0	6.3	7.0	7.3	7.7	7.0	5.7	6.2
PICASSO	4.7	5.3	6.7	8.0	5.3	7.0	7.0	5.0	6.7	6.0	6.0	7.0	5.0	5.3	5.0	5.7	6.3	6.0	7.0	7.3	8.0	7.0	5.3	6.2
FIDELITY (PST-5T1)	4.7	5.7	7.0	7.0	5.3	7.0	6.7	5.0	6.7	5.3	6.3	6.7	5.7	4.3	5.7	6.0	6.3	6.3	7.0	7.3	8.0	7.0	5.3	6.2
SR 8250	6.0	4.3	7.0	7.7	5.7	7.7	6.7	5.0	7.0	5.0	6.7	7.0	5.0	4.3	5.0	5.7	6.7	6.3	6.7	7.0	8.0	7.0	5.0	6.2
TF66	4.7	5.7	6.7	8.0	5.3	7.0	7.3	4.7	7.0	5.3	6.0	7.7	5.0	4.3	5.0	5.3	6.7	6.3	7.0	7.0	8.0	6.7	5.7	6.2
BE1	5.0	5.7	7.0	7.0	5.0	7.0	6.7	4.7	7.0	5.0	6.7	7.3	5.7	5.7	5.7	6.0	5.7	6.3	6.3	7.0	8.0	6.7	5.0	6.2
PICK TF H-97	4.3	5.3	7.0	7.0	6.3	7.3	6.7	4.7	6.7	5.0	6.0	8.0	6.0	4.3	6.0	6.0	6.0	5.7	7.0	7.0	8.0	6.7	5.0	6.2
PST-5BZ	5.0	5.0	6.7	7.7	5.7	7.0	7.0	4.3	7.0	5.0	6.7	7.7	5.3	4.7	5.3	5.7	6.3	6.3	6.7	6.7	7.7	7.0	5.3	6.2
REMBRANDT	5.0	5.3	7.0	7.0	5.3	7.0	6.7	5.3	7.0	5.0	4.7	7.7	5.7	4.3	5.7	7.3	5.7	6.0	7.0	7.0	8.0	7.0	5.0	6.2
DLF-J210	5.3	4.7	7.0	7.0	5.0	7.0	7.3	5.7	7.3	5.3	6.0	7.0	6.3	3.7	6.3	5.7	5.3	6.3	6.3	7.0	8.0	7.0	5.0	6.2
TITANIUM (SBM)	4.7	4.3	7.0	7.0	6.0	7.0	7.0	4.3	7.0	4.7	6.7	7.3	5.3	4.7	5.3	6.7	5.3	6.3	7.0	7.0	8.0	7.3	5.3	6.1
GO-0D2	5.0	4.7	6.7	6.0	5.0	7.0	7.0	5.3	7.3	4.7	6.0	6.3	5.7	5.3	5.7	6.3	6.7	6.0	6.7	7.0	8.3	7.0	5.3	6.1
DYNAMIC (PST-57E)	5.7	5.3	7.0	7.7	6.0	6.7	6.7	5.0	7.3	5.0	6.3	6.3	4.3	4.3	4.3	5.7	6.3	6.3	6.7	7.0	8.0	7.0	6.0	6.1
FINELAWN ELITE (DLSD)	5.0	4.7	7.0	7.0	5.0	7.7	7.0	4.7	7.0	5.0	5.7	5.3	5.7	4.3	5.7	6.3	6.3	7.0	7.0	7.0	8.0	7.0	5.7	6.1
DYNASTY	6.0	4.7	7.0	7.0	4.7	7.0	6.3	4.3	6.3	4.7	6.0	7.3	6.0	4.7	6.0	6.7	5.3	6.3	6.7	6.7	8.0	7.3	5.3	6.1
NINJA 2 (ATF-800)	4.7	5.3	7.0	8.0	5.3	7.0	7.0	5.0	6.7	4.3	5.7	6.3	5.7	4.7	5.7	5.3	6.0	6.7	6.7	7.0	8.0	7.0	5.3	6.1
SCORPION	5.7	5.3	7.0	7.0	4.7	7.0	7.0	4.7	7.0	5.0	5.3	7.3	5.3	4.3	5.3	6.0	6.0	6.0	7.0	7.0	8.0	7.0	5.0	6.1
BRAVO	5.3	4.0	6.0	7.7	4.3	7.0	6.7	5.0	6.7	5.0	7.0	7.0	5.3	5.3	5.3	5.7	6.0	6.3	6.7	7.3	7.3	7.3	5.3	6.1
MILLENNIUM	4.7	5.0	7.0	7.0	5.3	7.0	7.0	5.3	6.3	5.3	6.3	8.0	4.7	4.0	4.7	6.3	5.7	6.3	6.7	6.7	7.7	7.0	5.3	6.1
K01-E03	5.0	4.3	7.0	7.0	5.7	7.0	7.0	4.0	7.0	5.0	6.7	7.0	5.7	6.3	5.7	6.0	4.0	6.0	6.7	7.0	7.3	7.0	5.0	6.1
PST-5KI	5.0	5.0	6.7	8.0	5.0	6.7	6.7	4.0	7.0	5.0	5.7	7.3	4.7	4.7	4.7	6.3	6.0	6.3	7.0	6.7	8.3	7.3	5.3	6.1
ATF 704	5.0	4.0	6.0	7.0	5.0	7.0	7.0	4.7	6.7	4.3	6.0	6.7	6.7	5.0	6.7	6.0	6.3	6.0	6.3	6.7	7.7	7.0	5.0	6.0
DP 50-9226	6.3	5.0	7.0	7.0	5.0	6.7	6.7	4.7	7.0	5.0	6.7	6.3	6.0	4.7	6.0	6.0	3.3	6.0	6.3	7.0	7.3	7.0	5.7	6.0
ATF 586	5.3	5.3	7.0	7.7	5.7	7.0	6.7	4.3	7.0	5.3	5.7	7.3	4.0	4.0	4.0	6.0	6.3	6.3	6.7	7.0	7.0	7.3	5.3	6.0
LANCER	5.7	4.3	6.0	8.0	5.0	7.0	7.0	5.0	6.7	4.7	6.3	6.7	5.3	5.3	5.3	7.0	4.0	5.7	6.7	6.3	7.7	7.0	5.0	6.0
MASTERPIECE	5.0	4.0	7.0	7.0	4.3	7.0	7.0	5.0	6.3	4.7	6.7	6.3	5.0	4.3	5.0	6.7	5.3	6.3	7.0	7.7	8.0	7.0	5.0	6.0
SILVERADO II (PST-578)	5.0	5.0	7.0	6.7	5.7	7.0	7.0	4.0	6.7	4.3	6.3	6.7	5.3	4.3	5.3	6.3	5.7	6.3	6.7	6.3	8.0	7.0	5.0	6.0
K01-WAF	5.0	4.3	6.7	7.0	5.3	6.7	6.7	4.7	6.3	5.3	6.3	7.0	5.0	4.3	5.0	6.0	5.3	6.0	7.0	7.0	8.0	7.0	5.0	6.0

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	AR1	CA3	IA1	IL2	IN1	KS2	MA1	MD1	M01	NC1	NE1	NJ1	NJ2	NJ3	NM1	PA1	SD1	TX1	VA1	WA1	WA3	WI1	MEAN
SILVERSTAR (PST-5ASR)	5.0	4.0	7.0	7.7	5.0	7.0	6.3	4.7	6.7	5.7	6.0	6.3	4.7	4.7	4.7	6.0	5.3	6.3	6.3	7.3	7.7	7.3	5.3	6.0
PST-5L0	5.3	4.7	7.0	7.7	5.3	6.7	6.3	5.0	7.0	5.0	5.3	6.7	4.3	3.7	4.3	6.3	6.0	6.0	6.7	7.0	8.0	7.3	5.0	5.9
TAR HEEL II (PST-5TR1)	6.0	4.3	6.3	7.0	5.0	7.0	5.7	4.7	6.7	4.7	6.7	8.0	5.0	3.0	5.0	7.0	5.3	6.0	6.7	6.7	7.7	7.0	5.3	5.9
PST-5S12	4.7	5.0	6.7	7.0	4.3	6.7	6.7	4.7	6.7	5.0	6.3	8.0	3.7	4.0	3.7	6.7	6.7	6.3	6.7	6.7	8.0	7.0	5.3	5.9
LEGITIMATE	6.0	5.0	6.7	8.0	3.7	7.0	7.0	4.7	6.7	4.0	6.3	7.0	5.0	3.3	5.0	6.3	5.3	6.0	6.3	6.0	7.7	7.0	5.0	5.9
WATCHDOG	5.0	4.7	7.0	7.7	4.7	6.7	6.7	4.7	6.0	4.7	5.7	7.7	4.0	4.0	4.0	6.3	6.3	6.0	6.7	6.7	8.0	6.7	5.0	5.9
BARLEXAS	5.0	4.0	7.0	7.7	4.7	7.0	7.0	4.3	7.0	4.7	5.7	6.7	4.3	3.3	4.3	6.0	6.0	6.0	7.0	7.0	7.7	7.0	5.0	5.8
TROOPER (01-TFOR3)	4.7	5.3	6.7	7.0	5.0	7.0	6.3	5.7	6.7	5.0	5.3	6.7	4.7	3.7	4.7	5.7	4.7	6.0	6.7	7.0	7.7	7.0	5.0	5.8
OLYMPIC GOLD	5.3	4.3	7.0	7.3	4.3	7.0	7.0	4.0	6.7	4.7	6.3	7.7	4.3	4.3	4.3	5.7	2.7	6.3	6.3	7.0	8.0	6.7	5.0	5.8
TAR HEEL	6.0	4.7	7.0	9.0	4.7	7.0	6.0	4.3	6.0	4.0	6.7	6.3	3.3	3.7	3.3	6.0	4.0	6.0	6.7	6.7	8.0	7.0	5.0	5.7
DOMINION	4.0	4.7	6.7	7.0	4.0	6.7	5.7	4.3	6.7	4.7	5.7	7.3	5.3	3.3	5.3	6.0	5.3	6.3	6.3	6.0	8.0	6.7	5.0	5.7
WOLFPACK	6.0	4.0	6.7	7.0	4.3	7.0	6.3	4.3	6.0	4.3	6.0	8.0	4.3	3.3	4.3	6.0	4.0	6.0	6.0	6.3	7.7	7.0	5.0	5.7
GO-RD4	4.7	4.7	6.7	8.0	3.7	6.7	6.7	4.7	6.3	4.7	6.3	5.7	4.7	3.0	4.7	5.7	4.7	5.3	6.7	7.0	7.3	7.0	5.0	5.6
ENDEAVOR	5.0	4.3	6.0	7.7	4.3	7.0	6.3	4.3	6.3	4.0	5.7	8.0	4.0	3.7	4.0	6.0	3.7	6.0	6.0	6.7	8.0	7.0	5.0	5.6
TULSA II (ATF 706)	4.7	4.0	6.7	7.3	4.3	6.7	6.7	4.3	6.3	4.3	6.0	7.7	4.0	3.0	4.0	5.7	4.3	6.7	6.3	6.7	7.7	6.3	5.0	5.6
JAGUAR 3	5.0	4.0	6.7	8.0	2.7	7.0	6.7	5.0	6.7	5.0	7.0	7.3	3.3	3.0	3.3	5.7	5.3	6.0	6.0	6.3	7.3	6.3	5.0	5.6
GO-SIU2	5.0	4.3	6.0	7.7	3.7	6.7	5.7	4.7	6.0	4.3	5.7	7.0	4.3	3.3	4.3	6.3	5.7	5.0	6.3	7.0	7.7	6.7	5.0	5.6
BONSAI	4.7	4.3	6.0	7.0	4.3	6.7	7.0	4.0	6.0	4.7	6.0	6.3	4.0	3.7	4.0	6.0	5.3	5.3	6.0	6.3	7.0	6.7	5.0	5.5
TITAN LTD.	5.3	4.7	6.7	6.7	4.7	6.3	6.0	3.7	6.3	4.7	6.3	7.7	4.0	3.0	4.0	6.3	4.0	5.0	6.3	5.7	7.0	6.7	5.0	5.5
WYATT	4.7	3.7	5.7	7.0	4.0	7.0	6.3	4.3	6.0	4.3	5.7	7.7	4.0	3.0	4.0	6.0	3.7	5.7	6.3	6.3	7.3	6.7	5.0	5.4
FALCON II	4.3	4.0	5.0	7.0	3.3	7.0	6.3	5.0	6.3	4.0	5.7	6.3	4.3	3.0	4.3	6.0	5.0	5.3	6.3	6.0	7.7	7.0	5.0	5.4
STETSON	4.3	3.7	5.3	7.0	3.7	6.7	6.0	4.7	6.3	4.3	5.3	7.0	3.7	2.7	3.7	6.3	3.7	5.3	6.0	5.3	7.0	6.3	5.0	5.2
DP 50-9082	5.3	5.0	5.7	7.3	4.0	6.7	5.7	4.0	5.3	4.7	5.0	6.0	3.3	2.3	3.3	5.7	4.3	5.3	5.7	6.0	6.3	7.0	5.0	5.2
ELISA	5.3	2.7	6.0	6.7	3.7	5.3	5.0	3.0	5.0	4.0	5.7	7.0	3.0	2.3	3.0	5.3	5.3	5.0	6.0	6.0	6.7	6.0	5.0	4.9
GO-FL3	4.0	3.0	6.7	7.0	2.3	6.3	5.0	3.3	5.3	3.3	6.0	6.7	2.3	2.0	2.3	6.7	3.0	4.0	5.3	5.7	6.3	6.0	5.0	4.7
KY-31 E+	4.7	2.3	5.0	6.0	1.0	3.7	4.0	2.7	4.0	3.0	6.0	5.0	1.0	1.0	1.0	4.7	1.3	3.0	5.0	4.0	5.3	5.0	4.0	3.6
LSD VALUE	0.7	1.5	0.6	0.5	1.3	0.7	0.7	0.8	0.6	0.8	1.5	1.2	1.5	1.3	1.5	1.4	1.6	0.8	0.6	0.8	0.6	0.7	0.7	0.2
C.V. (%)	8.7	18.1	5.3	4.3	13.9	6.4	6.3	9.8	5.8	9.7	14.7	10.7	15.6	16.0	15.6	13.9	16.2	7.7	5.7	7.1	5.0	6.2	7.6	10.3

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 14.

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	KY1	MA1	MD1	MI1	NC1	NJ1	NJ3	NY1	NM1	TX1	VA1	WI1	MEAN
ELISA	6.7	6.0	8.3	7.7	6.3	7.3	5.3	7.7	5.7	6.0	8.3	8.3	5.3	5.3	6.3	6.0	4.7	6.5
JAGUAR 3	6.7	6.3	6.7	7.7	6.3	7.0	5.0	7.7	6.0	7.3	6.3	6.3	5.7	5.3	7.0	7.0	4.7	6.4
KY-31 E+	7.0	7.3	9.0	8.0	6.0	6.7	4.0	6.3	4.7	7.3	6.7	6.7	5.0	5.0	6.0	6.7	4.3	6.3
PST-5S12	6.3	5.3	5.0	7.0	6.7	7.0	4.3	8.0	6.0	7.7	6.7	6.7	5.0	6.0	7.7	7.0	3.7	6.2
SILVERSTAR (PST-5ASR)	6.0	5.0	6.3	7.0	6.7	6.7	5.0	7.3	6.3	7.7	5.7	5.7	5.0	5.7	7.7	6.7	4.3	6.2
BE1	6.0	5.3	7.0	7.3	5.7	7.0	4.7	8.3	5.7	6.7	5.7	5.7	5.0	6.3	7.3	6.7	4.3	6.2
OLYMPIC GOLD	6.3	5.3	5.7	7.0	6.3	5.0	4.7	7.7	6.0	7.3	6.7	6.7	5.3	6.0	7.3	7.3	3.7	6.1
LANCER	6.7	6.0	6.7	7.7	6.0	6.7	4.3	8.0	6.0	7.3	4.0	4.0	5.0	6.3	7.3	7.3	4.0	6.1
FALCON II	6.7	6.7	5.3	7.3	6.0	6.0	5.0	7.0	6.0	6.3	5.3	5.3	4.7	5.7	7.0	8.0	3.7	6.0
FINELAWN ELITE (DLSD)	6.0	5.3	7.0	7.0	6.7	6.0	4.3	8.3	6.0	5.3	5.3	5.3	4.7	6.0	8.0	6.7	4.0	6.0
MASTERPIECE	6.7	5.7	6.3	7.0	6.3	5.7	4.3	7.7	6.0	6.3	5.3	5.3	5.7	6.3	7.7	7.0	2.7	6.0
PST-5BZ	6.0	6.0	5.3	6.7	6.3	5.7	3.3	8.3	6.3	7.7	4.3	4.3	5.3	7.0	7.3	6.3	5.7	6.0
WOLFPACK	6.0	5.7	4.3	7.0	6.0	6.0	4.7	7.3	6.3	6.0	6.7	6.7	5.7	5.7	7.3	6.7	3.7	6.0
MUSTANG 3	6.0	5.3	6.0	7.0	6.7	5.7	4.7	7.7	6.3	7.7	5.0	5.0	4.7	6.0	7.3	6.7	4.0	6.0
WYATT	6.0	6.0	5.3	7.0	6.0	5.3	4.0	7.3	5.7	6.3	7.0	7.0	5.0	5.0	7.0	7.0	4.7	6.0
GO-FL3	7.0	6.0	6.3	7.0	6.0	7.0	4.7	7.3	5.0	5.7	6.3	6.3	4.7	5.7	6.0	7.3	3.3	6.0
K01-WAF	5.7	5.7	5.7	7.3	6.0	6.0	4.3	7.7	6.3	6.3	5.3	5.3	5.3	6.3	7.7	7.3	3.3	6.0
R-4	6.0	5.7	4.7	7.3	6.3	6.3	4.7	8.3	5.7	6.7	5.0	5.0	5.7	6.0	7.0	6.7	4.0	5.9
APACHE III (PST-5A1)	6.0	5.7	4.7	7.0	6.7	5.7	3.7	8.3	6.3	7.0	4.7	4.7	5.7	6.0	7.7	6.3	4.7	5.9
2ND MILLENNIUM	6.3	4.7	4.7	7.3	6.7	7.7	4.3	8.0	6.3	7.3	4.0	4.0	5.3	6.0	7.7	6.3	3.7	5.9
BRAVO	6.0	5.7	5.0	7.3	6.0	6.3	4.3	7.7	6.0	7.0	5.0	5.0	5.0	6.0	7.3	7.7	3.0	5.9
GO-OD2	6.7	6.0	5.7	7.3	6.0	6.7	3.3	8.3	5.7	6.3	4.7	4.7	4.3	6.0	7.7	7.3	3.7	5.9
GUARDIAN-21 (ROBERTS DOL)	6.3	5.3	6.0	7.0	6.3	4.7	4.3	7.7	6.0	7.7	4.3	4.3	5.3	6.3	7.7	6.3	4.7	5.9
PST-53T	5.7	5.0	5.0	7.3	6.0	6.0	4.3	8.0	6.0	7.0	4.0	4.0	5.0	7.0	7.7	7.0	5.0	5.9
TURBO (CAS-MC1)	6.7	6.0	3.7	7.0	6.3	6.0	4.7	8.0	5.7	7.3	3.7	3.7	6.0	6.0	8.0	7.3	4.0	5.9
K01-E03	6.3	5.3	5.7	7.0	6.0	5.7	4.3	7.0	6.0	7.0	5.0	5.0	4.7	5.7	7.7	6.7	4.7	5.9
TAR HEEL	6.3	5.3	4.0	7.0	6.7	6.0	4.0	7.3	5.7	7.0	6.0	6.0	5.3	5.7	7.0	7.3	3.0	5.9
BLACKWATCH (PICK-OD3-01)	6.0	6.0	2.7	7.3	6.7	6.7	3.3	8.0	6.0	5.7	5.0	5.0	6.3	6.0	7.0	7.0	4.7	5.8
CONSTITUTION (ATF-593)	5.7	6.0	3.3	7.0	6.3	7.0	4.0	8.0	6.3	7.3	3.7	3.7	5.0	6.3	7.7	6.3	5.7	5.8
RIVERSIDE (PROSEEDS 5301)	6.7	5.3	5.3	7.3	6.7	5.3	4.0	8.0	6.3	7.0	3.7	3.7	4.3	7.0	7.7	6.7	4.3	5.8
MATADOR	6.0	5.3	4.7	7.0	6.7	6.3	4.3	7.7	6.0	7.7	4.0	4.0	6.0	6.3	7.7	5.7	4.0	5.8
SCORPION	5.7	5.3	5.0	7.0	6.3	6.0	4.0	7.3	6.0	7.3	5.0	5.0	6.0	5.3	7.0	7.0	4.0	5.8
FIDELITY (PST-5T1)	6.3	6.0	4.3	7.0	6.0	5.3	3.3	8.0	5.3	8.0	4.7	4.7	4.7	6.7	7.3	7.7	3.7	5.8
TAR HEEL II (PST-5TR1)	6.7	5.7	4.7	7.0	6.3	5.7	3.7	7.7	5.7	7.0	6.7	6.7	4.0	5.0	7.0	6.7	3.0	5.8
BARRINGTON	6.0	5.7	5.3	7.0	6.0	5.3	3.7	8.0	6.0	7.7	4.3	4.3	5.3	5.3	7.7	7.0	4.3	5.8
BAR FA 1005	6.7	5.7	4.3	7.0	6.0	6.7	4.3	8.0	6.0	6.0	4.7	4.7	4.7	6.0	7.7	6.7	3.7	5.8
ENDEAVOR	6.0	6.0	4.7	7.0	5.7	5.0	4.3	7.7	5.3	6.0	5.3	5.3	5.3	4.7	7.7	7.0	5.7	5.8
STETSON	6.7	5.7	5.3	7.3	5.7	7.3	4.0	7.7	5.3	6.3	5.0	5.0	4.3	5.0	7.0	6.3	4.7	5.8
PST-5BAB	6.0	6.0	3.0	7.0	6.0	4.7	3.0	8.3	6.0	7.0	5.7	5.7	4.3	7.0	8.0	6.7	4.3	5.8
FALCON IV (F-4)	6.3	5.3	5.7	7.0	6.7	5.7	4.3	8.3	6.0	6.7	3.7	3.7	5.7	6.0	7.3	6.0	4.0	5.8
GRANDE II	6.7	7.0	5.0	7.0	6.3	4.7	3.7	8.3	5.7	7.3	3.3	3.3	5.3	7.0	6.7	6.7	4.3	5.8
TITANIUM (SBM)	6.3	5.3	4.0	7.0	6.0	5.7	5.0	8.0	6.0	6.7	4.0	4.0	5.0	6.0	7.7	6.7	4.7	5.8
GREMLIN (P-58)	6.0	6.0	4.7	7.0	7.0	7.0	3.3	8.0	5.7	7.0	3.7	3.7	4.3	6.3	7.7	7.0	3.3	5.7
REMBRANDT	6.3	5.3	6.3	7.3	6.3	6.3	3.3	7.7	5.3	5.7	4.7	4.7	4.3	5.0	7.3	8.0	3.7	5.7

TABLE 14. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	KY1	MA1	MD1	MI1	NC1	NJ1	NJ3	NY1	NM1	TX1	VA1	WI1	MEAN
TRACER	6.3	5.7	6.7	7.3	6.3	6.0	3.7	7.7	5.7	7.3	3.3	3.3	5.0	5.7	7.7	6.7	3.3	5.7
COCHISE III (018)	6.0	5.7	3.3	7.0	6.7	6.7	3.7	8.3	5.3	6.7	4.7	4.7	5.3	5.7	7.7	6.7	3.3	5.7
K01-E09	6.0	6.0	3.7	7.0	6.7	6.7	3.7	7.3	6.0	6.3	4.0	4.0	4.7	6.3	7.3	8.0	3.7	5.7
PROSPECT	6.3	6.0	4.7	7.0	5.7	6.7	4.0	7.7	6.0	6.0	4.3	4.3	5.0	5.7	7.3	6.3	4.3	5.7
BLADE RUNNER (ROBERTS SM4)	6.3	5.3	4.7	7.0	6.3	5.0	3.3	7.7	6.3	7.3	5.0	5.0	3.7	6.0	7.3	7.0	3.7	5.7
MAGELLAN (OD-4)	6.0	5.3	4.3	6.7	6.7	5.3	4.0	8.3	6.3	7.7	3.3	3.3	4.7	6.7	7.7	7.0	3.7	5.7
LEGITIMATE	6.3	6.0	5.0	7.3	5.7	5.3	4.3	6.7	6.0	7.0	4.7	4.7	4.3	6.0	6.7	6.7	4.3	5.7
PST-5LO	6.3	5.3	5.0	7.0	6.0	5.0	3.3	8.3	6.3	6.0	4.3	4.3	5.0	6.0	7.0	6.7	4.7	5.7
ULTIMATE (01-RUTOR2)	6.0	5.3	6.0	7.0	6.7	6.0	4.0	7.7	6.0	7.0	3.3	3.3	5.0	5.7	6.7	7.0	4.0	5.7
AVENGER (L1Z)	6.0	5.3	4.3	7.0	6.0	6.7	4.0	7.3	5.7	6.0	4.3	4.3	5.7	6.0	7.3	6.7	4.0	5.7
TULSA II (ATF 706)	6.0	6.0	4.0	7.0	5.7	5.7	3.0	7.0	5.7	7.7	5.0	5.0	5.7	5.7	7.3	6.7	3.7	5.7
PLANTATION	6.3	5.7	4.0	7.0	6.0	6.7	3.0	7.7	6.0	7.0	3.3	3.3	5.3	6.0	7.3	7.7	4.3	5.7
REBEL EXEDA	6.3	5.7	3.3	7.0	6.0	6.3	4.7	8.7	5.7	6.7	4.0	4.0	5.0	6.0	7.3	6.0	4.0	5.7
FIVE POINT (MCN-RC)	6.3	5.0	4.0	7.0	5.7	6.0	4.0	8.3	6.0	7.3	4.0	4.0	5.3	5.7	7.0	6.7	4.0	5.7
MRF 25	6.3	5.3	4.0	7.0	6.3	6.0	3.0	7.7	5.7	6.3	4.3	4.3	5.0	6.7	8.0	6.7	3.7	5.7
WATCHDOG	6.3	5.3	4.3	7.3	6.7	5.0	3.3	8.0	6.0	6.7	4.7	4.7	4.3	6.7	7.3	6.0	3.7	5.7
BARLEXAS II	6.7	5.3	5.0	7.3	5.7	6.3	2.7	7.3	6.0	7.7	3.3	3.3	4.7	6.0	7.3	6.7	4.7	5.6
BINGO	6.0	5.7	5.7	7.3	5.7	5.3	4.3	7.3	5.7	6.0	3.7	3.7	4.7	6.3	8.0	7.0	3.7	5.6
MILLENNIUM	6.3	5.7	5.3	7.0	6.7	6.3	4.0	7.3	6.3	6.0	3.3	3.3	4.7	5.7	7.3	6.7	4.0	5.6
PADRE (NJ4)	5.7	5.7	5.0	7.0	5.7	5.7	4.0	8.0	6.7	7.0	3.0	3.0	4.7	6.3	7.7	6.0	5.0	5.6
PICASSO	6.0	5.0	4.0	7.0	6.3	6.0	3.3	7.7	6.0	6.3	4.3	4.3	5.0	6.3	7.3	6.7	4.3	5.6
TEMPEST	6.0	5.7	4.3	6.7	6.0	6.0	3.3	7.3	6.0	7.3	3.0	3.0	5.3	6.7	7.0	6.7	5.3	5.6
ESCALADE (01-ORU1)	6.3	6.3	4.3	7.0	6.3	5.3	4.0	8.0	6.3	6.3	4.3	4.3	4.3	5.7	7.0	6.7	3.0	5.6
DAVINCI (LTP-7801)	6.3	5.7	3.3	7.0	6.3	5.7	4.0	8.0	5.7	6.7	3.7	3.7	5.3	6.0	7.3	7.0	4.0	5.6
BARLEXAS	6.0	6.3	5.0	6.7	6.3	6.7	3.3	7.7	6.0	6.7	3.7	3.7	5.0	5.7	7.0	7.0	2.7	5.6
PST-5JM	6.0	5.3	3.3	7.0	6.3	6.0	3.7	7.3	6.0	6.3	5.0	5.0	4.3	6.3	7.7	6.3	3.3	5.6
TF66	6.0	5.3	5.0	7.0	6.3	6.3	3.0	7.0	6.0	6.0	4.0	4.0	5.0	6.0	7.3	7.3	3.7	5.6
PST-5NAS	6.3	4.7	6.3	7.0	6.3	6.0	3.7	7.7	5.7	7.0	4.3	4.3	4.7	5.3	7.3	6.0	2.7	5.6
EA 163	6.3	5.7	3.0	7.0	6.3	5.7	3.0	8.0	6.0	6.7	3.7	3.7	5.7	6.0	8.0	5.7	4.7	5.6
KITTY HAWK 2000	6.0	5.3	5.3	7.0	6.0	5.3	4.0	7.3	6.0	7.7	3.0	3.0	4.7	5.7	7.7	6.3	4.7	5.6
DYNASTY	6.7	5.3	5.0	7.0	6.3	5.7	3.0	7.7	6.0	7.0	3.7	3.7	5.0	6.0	7.0	6.7	3.3	5.6
UT-155	6.3	5.7	3.7	6.7	6.0	5.3	3.0	8.0	6.0	7.3	3.3	3.3	5.3	7.0	8.0	6.0	4.0	5.6
UT-RB3	5.7	4.7	3.7	7.0	6.3	6.0	4.3	7.7	6.0	6.7	3.3	3.3	4.7	7.0	7.7	7.0	4.0	5.6
MA 127	6.3	5.7	3.3	7.0	6.3	5.0	3.3	8.3	5.3	7.7	3.0	3.0	5.0	6.7	8.0	7.0	3.7	5.6
CAYENNE	6.3	4.7	5.0	6.7	6.0	6.0	3.0	8.0	6.0	6.3	4.0	4.0	4.7	6.3	7.7	6.3	3.7	5.6
FIREBIRD (CIS-TF-65)	6.0	5.3	4.0	7.3	6.3	6.0	5.0	7.7	6.0	6.7	2.3	2.3	4.3	6.0	8.0	6.7	4.7	5.6
DOMINION	6.0	5.3	3.7	7.0	6.3	5.7	4.0	7.7	6.3	6.3	4.3	4.3	5.7	5.7	6.7	5.7	3.7	5.5
PST-5FZD	6.3	4.7	3.0	7.0	6.3	4.7	4.3	8.3	6.7	7.3	4.0	4.0	4.7	5.0	7.7	6.7	3.7	5.5
BAR FA 1CR7	6.3	5.0	6.3	7.0	7.0	5.7	2.0	8.0	6.0	7.7	2.0	2.0	5.0	6.0	8.0	6.7	3.7	5.5
GO-SIU2	6.3	5.7	4.7	7.0	6.0	6.0	4.3	7.0	5.7	5.7	4.0	4.0	5.0	5.3	6.7	8.3	2.7	5.5
TROOPER (01-TFOR3)	6.0	5.3	5.3	7.3	6.3	5.3	3.7	7.3	5.7	5.7	3.3	3.3	5.0	6.0	7.3	7.7	3.7	5.5
INFERNO (JT-99)	6.3	5.3	1.7	6.7	6.3	6.3	4.0	8.3	6.3	7.7	3.0	3.0	5.3	6.3	8.0	6.3	3.3	5.5
PICK ZMG	6.0	5.3	2.7	7.0	6.3	5.0	4.0	7.7	5.7	7.3	4.3	4.3	4.7	6.0	7.7	6.3	3.7	5.5
SILVERADO II (PST-578)	6.0	5.3	5.0	7.0	6.0	4.7	3.7	8.0	5.7	7.3	3.7	3.7	6.0	5.0	7.0	7.0	3.0	5.5
JUSTICE (RB2-01)	6.0	4.7	4.7	7.0	6.3	6.3	4.0	8.0	6.0	6.7	3.0	3.0	5.7	5.7	7.3	6.3	3.3	5.5



TABLE 14. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	KY1	MA1	MD1	MI1	NC1	NJ1	NJ3	NY1	NM1	TX1	VA1	WI1	MEAN
SOUTH PAW (MRF 24)	5.7	5.3	6.0	7.0	6.0	5.0	3.7	7.7	5.3	6.7	2.7	2.7	5.3	6.3	7.0	7.3	4.3	5.5
BAR FA 1003	6.0	4.7	5.0	7.3	6.0	6.3	4.0	7.7	5.3	7.0	3.0	3.0	4.3	5.7	7.3	7.0	4.0	5.5
BILTMORE	6.3	5.0	4.0	6.7	5.7	6.7	3.7	8.3	5.7	7.0	2.3	2.3	5.7	5.3	8.0	6.7	4.3	5.5
CIS-TF-60	6.3	5.3	5.3	7.3	6.7	6.3	3.0	8.0	5.7	7.3	1.7	1.7	4.7	6.7	7.7	6.3	3.3	5.5
DLF-J210	6.0	4.7	4.7	7.0	5.7	5.3	3.3	7.7	6.0	6.7	3.0	3.0	5.7	7.0	7.0	6.7	4.0	5.5
DYNAMIC (PST-57E)	6.0	4.7	3.0	7.0	5.7	6.0	4.0	8.0	6.0	7.0	4.3	4.3	4.7	5.7	7.3	5.7	4.0	5.5
COYOTE	6.0	5.3	4.3	7.0	6.3	5.0	3.7	7.7	6.0	6.0	3.7	3.7	4.7	6.0	7.3	7.0	3.7	5.5
MATADOR GT (PST-5TUO)	6.0	5.0	4.0	7.0	6.0	6.0	3.0	8.0	6.0	7.3	2.7	2.7	4.0	6.3	7.3	7.3	4.7	5.5
B-7001	6.3	5.0	5.7	6.7	6.3	6.7	4.0	8.0	6.0	6.7	2.0	2.0	4.3	5.0	8.0	6.7	3.7	5.5
DP 50-9226	6.0	4.7	3.0	7.0	5.7	5.0	3.3	7.7	5.3	5.0	5.0	5.0	5.7	5.7	7.3	7.3	4.3	5.5
KALAHARI	6.3	4.7	4.0	7.0	6.3	5.7	4.0	8.0	6.0	6.3	3.7	3.7	4.3	6.3	7.0	6.7	3.0	5.5
CIS-TF-64	6.0	5.7	3.0	7.0	6.3	5.3	4.3	8.0	5.7	7.0	3.0	3.0	4.7	6.0	8.0	5.3	4.3	5.5
FINESSE II	5.7	5.3	3.3	6.7	6.3	5.3	3.0	7.7	6.3	6.0	4.0	4.0	4.7	6.0	7.7	6.7	4.0	5.5
QUEST	6.0	5.0	3.0	7.0	6.3	4.7	2.3	7.3	6.0	7.0	4.7	4.7	4.7	6.0	8.0	6.3	3.7	5.5
SR 8600	6.0	5.0	3.7	7.0	6.3	5.0	3.3	7.7	6.0	6.7	3.3	3.3	5.7	6.3	7.3	6.7	3.3	5.5
TOMAHAWK GT	6.0	6.3	4.3	7.0	5.7	5.7	3.3	7.3	6.0	7.0	3.0	3.0	5.0	6.0	7.3	6.7	3.0	5.5
PICK TF H-97	6.3	5.7	6.0	6.7	5.7	4.7	4.3	6.7	5.7	6.7	3.0	3.0	5.7	6.0	7.3	6.3	3.0	5.5
FOCUS	6.0	5.3	4.3	7.0	6.3	6.3	2.7	8.0	5.7	6.3	3.0	3.0	4.3	5.7	7.3	7.3	4.0	5.5
MRF 210	6.0	5.7	2.7	7.0	6.7	6.7	2.7	7.7	5.3	5.7	3.3	3.3	4.7	6.7	8.0	6.3	4.0	5.4
SR 8250	6.3	4.7	4.3	7.0	5.7	6.3	4.3	7.3	6.0	6.7	2.3	2.3	5.3	7.0	7.0	6.7	3.0	5.4
ATF 586	6.0	5.3	3.3	6.7	5.7	5.0	3.3	8.0	6.0	6.7	4.0	4.0	5.3	5.7	7.3	5.0	4.7	5.4
BARRERA	5.7	5.7	4.3	7.0	6.3	5.7	3.7	7.3	5.3	7.7	1.7	1.7	5.0	7.3	7.3	6.7	3.7	5.4
PST-5KU	6.0	5.7	4.7	7.0	6.3	5.3	3.3	8.0	6.0	7.3	2.7	2.7	4.7	6.0	8.0	6.0	2.3	5.4
PST-DDL	6.0	5.3	2.7	6.3	6.3	5.7	3.3	8.0	6.0	7.3	3.3	3.3	5.3	6.3	7.7	5.7	3.3	5.4
FORTE (BE-2)	6.0	5.7	4.3	7.0	6.0	5.3	4.3	8.0	6.3	6.0	3.0	3.0	5.3	5.7	6.7	5.7	3.0	5.4
MRF 27	6.3	6.3	4.7	7.0	6.0	5.7	3.0	7.7	6.0	6.0	2.7	2.7	4.3	6.3	7.7	6.3	2.7	5.4
CIS-TF-77	6.0	5.3	4.0	7.0	6.7	5.3	3.3	7.7	6.0	6.7	3.3	3.3	4.7	6.0	7.3	5.0	3.3	5.4
LARAMIE	6.0	5.7	5.3	6.7	6.3	6.0	3.7	8.0	6.0	7.0	1.7	1.7	5.0	4.7	7.7	7.0	2.7	5.4
PICK-00-AFA	6.0	5.7	3.7	7.0	5.7	6.0	3.7	8.3	5.7	6.7	3.0	3.0	5.0	6.0	7.7	5.7	2.3	5.4
REBEL SENTRY	6.0	5.7	3.0	7.3	6.0	5.3	4.0	8.0	6.3	6.3	2.3	2.3	4.7	6.0	7.0	6.0	4.3	5.3
MRF 211	6.0	4.7	4.3	6.3	7.0	4.3	2.7	7.7	6.0	7.0	2.3	2.3	4.3	6.7	7.7	5.7	5.7	5.3
PST-5KI	6.3	4.7	3.7	6.7	6.7	5.3	3.0	7.7	5.3	6.7	3.3	3.3	4.7	5.7	7.3	6.3	4.0	5.3
JT-15	6.3	5.3	4.0	7.0	6.0	4.7	3.3	8.0	5.7	6.7	3.0	3.0	5.3	6.7	7.3	5.7	2.7	5.3
K01-8015	6.0	4.3	3.7	7.0	5.7	4.7	4.0	8.0	5.7	6.7	4.0	4.0	5.0	6.0	7.7	5.0	3.3	5.3
MA 138	6.0	5.3	3.7	6.3	5.7	5.7	4.0	7.3	5.7	7.0	2.0	2.0	5.3	6.7	7.7	7.3	3.0	5.3
SOUTHERN CHOICE II	6.0	5.0	3.7	7.0	6.3	5.3	3.3	7.7	5.7	6.7	1.7	1.7	5.0	6.3	7.0	7.3	5.0	5.3
MRF 29	6.0	5.0	3.3	7.0	6.0	5.0	3.0	8.0	5.7	6.0	2.3	2.3	5.0	7.0	8.0	6.3	4.3	5.3
GO-RD4	6.0	5.7	4.7	7.3	5.7	6.0	3.7	7.0	5.7	6.0	2.7	2.7	5.0	5.3	7.0	7.0	2.7	5.3
NA-TDD	6.0	4.3	4.7	7.0	6.0	5.7	3.3	8.7	5.0	6.7	1.3	1.3	4.7	7.0	8.0	6.3	3.7	5.3
RENDITION	6.0	6.0	2.7	7.0	6.0	5.0	3.3	7.7	6.3	6.7	3.0	3.0	5.0	5.7	7.7	5.7	3.0	5.3
TITAN LTD.	6.3	4.7	5.3	7.0	6.0	5.3	3.0	6.3	5.7	7.0	3.0	3.0	5.3	5.7	7.0	6.7	2.3	5.3
ATF 702	5.7	4.3	4.3	7.0	6.3	5.0	3.3	8.3	6.0	7.7	1.3	1.3	4.7	6.3	7.7	6.3	3.7	5.3
CAS-ED	6.3	5.7	3.7	7.0	6.0	5.3	2.7	7.0	5.7	7.0	2.0	2.0	5.7	6.0	7.7	6.0	3.7	5.3
CIS-TF-67	6.3	5.3	3.3	7.0	6.3	4.7	3.0	7.7	5.7	6.3	2.3	2.3	5.0	6.7	7.7	6.3	3.3	5.3
REGIMENT II (SRX 805)	6.0	5.3	3.0	7.0	6.3	6.3	3.7	7.7	5.7	7.0	1.3	1.3	5.0	6.7	7.7	6.3	2.7	5.2

TABLE 14. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	KY1	MA1	MD1	MI1	NC1	NJ1	NJ3	NY1	NM1	TX1	VA1	WI1	MEAN
JTTFF-2000	6.0	4.7	6.0	6.7	6.3	5.7	3.7	7.3	6.0	6.3	1.3	1.3	4.0	6.3	7.7	6.0	3.3	5.2
TAHOE (CAS-157)	6.0	4.7	2.7	7.0	6.0	5.3	3.7	7.3	6.0	6.0	2.3	2.3	5.3	6.7	7.7	6.3	3.3	5.2
MRF 28	6.3	5.7	3.0	6.7	6.3	4.7	2.7	8.3	6.0	5.7	1.3	1.3	5.0	7.0	8.0	6.7	3.7	5.2
ATF 806	6.0	5.3	4.0	7.0	6.0	5.3	3.3	7.7	5.7	6.0	2.3	2.3	5.3	6.0	7.0	6.0	3.0	5.2
BONSAI	6.0	5.7	5.0	7.0	6.0	5.7	3.7	7.3	5.7	6.0	2.0	2.0	5.3	5.3	6.3	6.3	3.0	5.2
DAYTONA (MRF 23)	6.0	5.3	6.0	7.0	5.3	5.0	3.3	7.7	5.7	5.7	1.7	1.7	4.0	5.7	7.7	6.7	4.0	5.2
SIGNIA	5.3	4.3	2.7	7.3	6.0	5.7	3.0	7.7	5.7	6.7	3.3	3.3	5.0	5.7	7.0	6.7	3.0	5.2
EXPEDETION (ATF-803)	6.0	5.0	3.0	7.0	6.0	5.7	3.7	6.7	5.7	6.7	2.3	2.3	5.0	5.7	7.7	6.7	3.0	5.2
MRF 26	6.0	5.7	3.0	7.0	6.3	6.0	2.7	7.7	5.7	5.7	2.0	2.0	5.0	6.7	7.7	6.0	3.0	5.2
JT-12	6.0	5.3	3.7	7.0	6.0	5.0	3.0	7.7	6.0	6.7	3.0	3.0	4.0	6.0	7.3	6.0	2.3	5.2
RAPTOR (CIS-TF-33)	6.0	5.3	3.7	6.0	6.3	4.3	3.0	8.0	5.7	6.7	2.7	2.7	5.3	5.7	7.3	5.3	4.0	5.2
JT-6	6.0	5.0	3.7	7.3	6.3	4.3	2.7	7.7	6.0	6.3	1.7	1.7	4.7	6.3	7.3	6.0	4.3	5.1
SR 8550 (SRX 8BE4)	6.3	4.3	3.0	6.7	6.7	5.0	3.7	8.0	6.0	6.0	2.3	2.3	4.7	6.0	7.7	6.0	2.3	5.1
DP 50-9082	6.0	5.3	4.0	6.3	6.0	4.0	2.3	6.7	5.7	5.0	4.0	4.0	5.0	6.3	6.3	6.0	4.0	5.1
STONEWALL (JT-18)	6.0	5.0	2.7	6.3	6.0	5.3	3.0	7.3	5.7	6.7	2.3	2.3	5.3	6.7	7.0	5.3	3.7	5.1
T991	6.0	5.0	4.3	7.0	5.7	5.3	3.0	7.7	5.3	6.0	1.7	1.7	4.0	6.0	8.0	6.3	3.3	5.1
ATF 707	6.0	5.0	3.3	7.0	6.0	5.7	2.7	7.3	6.0	7.3	1.3	1.3	4.7	4.7	7.0	6.0	4.7	5.1
COVENANT (ATF 802)	6.3	5.0	1.3	7.0	5.7	5.0	3.7	7.3	6.0	6.7	1.3	1.3	4.3	6.3	7.7	7.0	4.0	5.1
ATF 799	5.7	4.7	2.7	6.0	6.3	4.3	2.7	7.7	6.0	6.3	2.3	2.3	5.0	6.0	8.0	6.3	3.3	5.0
JT-13	6.7	5.3	3.3	7.0	6.0	4.3	3.3	7.7	5.3	6.7	1.3	1.3	4.7	5.7	7.3	6.3	3.3	5.0
K01-8007	5.7	4.3	3.0	6.3	6.0	4.7	2.7	7.7	6.0	6.7	2.7	2.7	5.3	5.7	6.7	5.0	4.7	5.0
MA 158	6.3	4.7	2.0	6.3	6.3	5.3	3.3	7.0	6.0	6.0	2.0	2.0	5.3	5.3	8.0	5.3	4.3	5.0
PURE GOLD	5.7	4.7	1.7	6.0	6.3	5.0	3.3	7.3	6.0	7.3	2.3	2.3	3.7	6.0	7.3	6.0	4.7	5.0
JT-9	6.0	4.7	2.3	6.3	6.3	5.0	3.0	8.0	6.3	6.7	2.3	2.3	5.3	5.0	7.0	5.7	3.0	5.0
ATF 704	5.7	5.0	2.7	6.7	5.7	4.7	2.7	7.3	6.0	6.3	2.3	2.3	4.3	5.0	7.3	5.7	4.3	4.9
NINJA 2 (ATF-800)	5.3	4.7	1.7	6.7	5.7	4.7	3.0	8.0	5.7	6.3	2.0	2.0	5.3	6.3	7.3	5.3	3.0	4.9
LSD VALUE	0.7	1.9	2.3	0.6	0.9	1.6	1.4	1.2	0.8	1.9	2.1	2.1	1.3	1.4	0.9	1.5	1.4	0.4
C.V. (%)	7.2	22.2	33.0	5.7	9.0	17.5	24.6	9.4	8.5	17.5	35.4	35.4	16.2	14.7	7.8	13.9	22.6	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 15.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	NC1	NJ1	NJ2	NJ3	NY1	NM1	PA1	SD1	TX1	WA1	WI1	MEAN
K01-8015	6.0	7.3	6.0	8.3	6.7	7.7	6.0	7.0	5.7	7.7	7.7	7.7	5.0	6.0	7.0	6.7	7.0	6.0	7.7	6.8
K01-E03	5.3	7.7	6.7	7.7	5.7	7.0	6.0	7.3	5.7	8.0	7.7	8.0	4.7	6.3	7.0	7.7	7.0	5.3	7.0	6.7
K01-8007	5.3	7.0	6.0	8.0	5.0	7.7	5.7	7.0	6.3	7.7	7.0	7.7	5.0	6.0	7.3	7.0	7.7	6.0	7.7	6.7
INFERNO (JT-99)	6.0	7.0	6.0	7.7	6.3	7.0	5.0	6.3	5.7	7.3	7.3	7.3	5.0	6.0	6.0	6.7	7.0	5.7	6.3	6.4
R-4	5.3	8.0	6.3	7.3	6.0	7.3	5.3	6.3	6.0	6.7	7.7	6.7	5.0	6.3	6.0	6.3	7.0	5.3	6.3	6.4
ESCALADE (01-ORU1)	5.0	7.0	6.0	6.7	5.7	7.0	5.3	6.3	6.0	7.7	6.7	7.7	4.3	6.0	6.3	7.0	7.0	5.7	7.0	6.3
CIS-TF-64	5.0	7.7	6.0	6.0	5.3	7.0	5.3	6.7	6.3	7.3	6.3	7.3	4.7	6.3	6.7	6.7	7.0	5.7	6.3	6.3
JT-15	5.7	8.0	6.0	6.3	5.7	7.3	5.3	6.3	5.7	6.7	5.7	6.7	5.0	6.3	7.3	6.7	7.0	5.0	7.0	6.3
DAVINCI (LTP-7801)	6.3	7.7	5.3	7.0	6.3	7.3	5.3	6.3	6.3	6.3	6.7	6.3	5.0	5.7	6.0	6.0	6.7	4.7	7.7	6.3
FALCON IV (F-4)	6.0	7.0	5.3	7.0	5.3	7.3	5.7	6.0	6.3	6.7	7.3	6.7	5.3	6.0	6.3	6.0	6.7	4.7	7.3	6.3
ULTIMATE (01-RUTOR2)	5.7	7.0	5.7	7.3	6.3	7.0	5.3	6.3	5.7	7.3	5.7	7.3	4.7	5.7	6.0	6.7	7.0	5.0	7.0	6.2
ATF 806	6.0	7.0	5.7	7.0	6.0	7.7	5.7	6.3	5.7	6.3	6.0	6.3	4.7	6.0	6.3	6.3	7.0	5.7	6.7	6.2
AVENGER (L1Z)	5.3	7.0	5.7	6.7	5.7	7.0	5.7	6.7	5.0	6.3	7.7	6.3	5.0	6.7	6.3	6.0	7.0	5.0	7.3	6.2
BLACKWATCH (PICK-OD3-01)	6.0	7.7	5.7	6.3	6.0	6.7	5.3	6.0	6.3	6.7	6.3	6.7	5.3	6.0	5.7	6.7	6.7	5.3	6.7	6.2
GUARDIAN-21 (ROBERTS DOL)	5.3	7.0	5.7	6.0	6.3	6.7	5.7	6.0	6.7	7.3	6.3	7.3	5.0	6.0	5.3	6.0	6.7	5.3	7.3	6.2
JT-9	5.7	7.7	6.0	7.7	6.0	7.0	5.3	7.0	5.3	6.0	6.0	6.0	4.7	5.7	6.0	6.7	6.7	5.0	7.3	6.2
CIS-TF-77	5.3	7.0	6.0	7.0	5.7	7.0	5.7	6.0	7.3	6.7	5.7	6.7	4.7	5.3	6.7	6.3	6.7	4.7	7.0	6.2
K01-E09	6.0	7.0	5.7	6.3	5.7	7.3	5.7	6.7	5.7	6.0	6.7	6.0	4.3	5.7	7.3	6.7	6.7	5.0	7.0	6.2
PST-5FZD	6.0	7.7	5.3	8.3	5.3	7.0	5.3	6.0	6.3	6.3	6.3	6.3	4.7	6.0	6.3	6.3	7.0	4.7	5.7	6.2
FINESSE II	6.0	8.0	5.7	7.0	6.0	7.0	5.3	6.0	5.7	7.3	4.7	7.3	4.7	5.7	5.7	6.3	6.7	5.0	6.7	6.1
QUEST	5.7	7.0	6.0	8.7	5.7	7.0	5.3	7.0	6.0	6.0	5.7	6.0	4.7	6.0	5.3	6.0	6.7	5.0	7.0	6.1
TITANIUM (SBM)	4.7	7.0	6.0	7.0	5.7	7.0	5.3	6.7	6.7	6.3	6.0	6.3	4.7	6.0	5.7	6.7	6.7	5.3	7.0	6.1
JT-12	5.7	8.0	5.3	7.3	5.7	7.0	5.7	6.0	5.3	7.0	5.7	7.0	4.0	5.3	6.3	6.7	6.7	5.0	7.0	6.1
BINGO	5.7	7.7	5.3	6.3	5.7	7.0	5.0	6.3	6.3	7.0	6.0	7.0	4.7	6.0	5.7	6.0	6.3	5.3	7.0	6.1
CAYENNE	6.0	7.0	5.7	6.0	5.3	7.0	6.0	6.3	7.0	7.0	5.7	7.0	4.3	5.7	5.3	6.7	6.7	4.7	7.0	6.1
CIS-TF-67	5.3	7.0	5.3	6.3	6.0	7.0	6.0	6.3	5.7	6.7	6.3	6.7	4.7	6.0	6.0	6.3	6.7	5.0	7.0	6.1
PST-DDL	4.7	7.0	5.7	8.0	5.3	7.0	4.7	6.0	6.3	6.7	6.7	6.7	5.0	6.0	5.7	6.0	7.0	5.0	7.0	6.1
RENDITION	6.0	7.0	5.7	6.3	6.0	7.0	5.7	5.7	6.3	6.3	6.0	6.3	4.7	6.3	5.7	6.0	7.0	5.0	7.0	6.1
FINELAWN ELITE (DLSD)	5.7	7.0	5.3	5.7	5.7	7.0	5.0	6.7	5.7	6.7	6.3	6.7	4.7	6.3	6.3	6.3	6.7	5.0	7.3	6.1
JUSTICE (RB2-01)	5.7	8.0	5.7	6.3	5.7	7.0	5.3	6.3	5.7	6.7	6.3	6.7	5.0	5.7	5.7	6.0	7.0	5.0	6.0	6.1
JT-6	6.0	7.0	6.0	7.0	5.7	6.7	5.7	6.0	5.3	6.7	5.3	6.7	4.7	6.0	6.0	6.7	7.0	4.3	7.0	6.1
PADRE (NJ4)	6.3	7.0	5.7	5.7	5.7	6.3	5.7	6.0	6.3	6.7	6.3	6.7	4.7	5.7	5.7	6.3	6.7	5.3	6.7	6.1
DYNASTY	5.3	7.0	6.0	6.0	5.0	7.7	5.7	6.0	6.0	7.0	6.7	7.0	4.7	5.3	5.7	6.0	6.7	5.0	6.7	6.1
KALAHARI	5.3	7.0	5.7	6.3	5.7	7.3	5.0	6.3	4.7	6.7	7.0	6.7	4.3	5.7	6.0	6.7	7.0	5.0	7.0	6.1
MATADOR	5.7	7.0	5.3	7.7	5.0	7.0	5.0	6.0	5.7	6.7	6.0	6.7	5.0	6.3	5.7	6.0	6.7	5.0	7.0	6.1
2ND MILLENNIUM	5.7	7.3	5.7	5.0	5.7	7.0	5.3	6.7	6.0	6.7	6.0	6.7	5.0	5.3	6.3	6.0	7.0	5.0	7.0	6.1
RAPTOR (CIS-TF-33)	5.3	7.0	6.0	5.7	5.3	7.0	5.7	6.0	6.0	6.7	5.3	6.7	4.7	6.0	6.3	6.7	6.3	5.3	7.3	6.1
REBEL EXEDA	5.7	7.0	5.3	6.3	6.0	7.0	6.0	6.3	5.7	6.3	7.0	6.3	5.0	5.3	5.3	6.3	7.0	4.7	6.7	6.1
RIVERSIDE (PROSEEDS 5301)	6.3	8.0	6.3	7.0	5.3	7.0	5.3	6.3	5.3	6.0	5.0	6.0	4.3	5.3	6.0	6.3	7.0	5.0	7.3	6.1
DYNAMIC (PST-57E)	6.0	8.0	5.7	6.3	6.0	7.0	5.0	6.3	6.7	5.7	6.7	5.7	4.7	5.7	5.7	5.7	6.3	5.0	7.0	6.1
ATF 799	5.3	7.0	6.3	7.0	5.3	7.0	5.3	6.7	6.3	6.0	6.3	6.0	4.7	5.7	5.7	6.0	6.7	4.3	7.0	6.0
GRANDE II	5.7	8.0	6.0	5.0	5.3	7.0	5.3	6.0	6.3	6.0	5.7	6.0	5.0	6.0	6.0	6.3	7.0	4.7	7.0	6.0
FIREBIRD (CIS-TF-65)	6.0	7.0	5.7	7.3	5.0	7.0	5.0	6.3	5.7	6.7	5.0	6.7	4.3	6.3	5.7	6.3	6.7	5.0	6.7	6.0
STONEWALL (JT-18)	5.7	7.3	5.7	6.0	5.7	7.0	5.0	6.3	5.0	6.3	5.7	6.3	5.0	5.3	6.3	6.7	7.0	5.0	7.0	6.0

TABLE 15. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	NC1	NJ1	NJ2	NJ3	NY1	NM1	PA1	SD1	TX1	WA1	WI1	MEAN
FORTE (BE-2)	6.0	7.7	5.3	5.7	6.0	6.7	5.0	6.0	6.3	6.7	5.7	6.7	5.0	5.7	5.3	6.3	7.0	5.0	6.0	6.0
SCORPION	5.3	6.3	5.7	4.7	6.0	7.3	5.7	6.0	6.7	6.3	5.0	6.3	5.0	6.3	5.7	6.3	7.0	4.3	7.7	6.0
BE1	4.3	7.0	5.7	5.3	6.0	6.7	5.3	6.0	6.3	7.0	5.7	7.0	4.7	6.3	5.3	6.0	6.7	5.0	7.0	6.0
CIS-TF-60	6.0	7.0	5.7	5.3	5.0	7.3	5.3	6.7	5.7	6.7	5.3	6.7	4.7	6.0	5.3	6.0	6.7	4.7	7.3	6.0
BARRINGTON	5.7	6.7	5.7	6.7	5.3	7.3	5.3	6.0	5.3	5.3	4.3	5.3	4.7	6.3	6.3	6.3	7.0	5.7	7.7	5.9
JT-13	5.7	7.0	5.0	6.3	5.7	6.7	5.3	6.3	5.3	6.3	5.0	6.3	4.3	6.0	6.0	7.0	7.0	4.7	7.0	5.9
TRACER	5.3	7.0	5.3	4.3	5.7	7.0	5.0	6.0	6.3	7.3	4.7	7.3	4.7	6.0	6.3	6.0	6.7	5.0	6.7	5.9
PICK TF H-97	4.7	7.0	5.7	6.0	5.7	6.7	5.7	6.0	6.3	6.3	4.7	6.3	5.3	6.0	5.7	6.3	6.0	5.0	7.3	5.9
PST-5KI	5.7	7.0	5.7	5.7	5.3	6.7	5.3	6.0	6.7	6.0	7.3	6.0	4.7	5.0	5.3	6.0	6.3	5.0	7.0	5.9
MAGELLAN (OD-4)	5.7	7.0	5.7	5.7	5.7	6.7	5.3	6.0	6.3	6.7	4.7	6.7	4.7	5.7	5.3	6.0	6.7	5.0	7.0	5.9
ATF 702	5.7	7.0	5.0	7.0	5.7	7.0	5.3	6.3	6.7	6.3	5.3	6.3	4.7	6.0	5.0	6.0	6.3	4.7	6.0	5.9
BAR FA 1005	5.3	7.0	5.7	4.7	5.3	6.7	5.0	6.3	4.3	7.3	6.0	7.3	4.7	6.0	6.0	6.0	6.7	4.7	7.3	5.9
COCHISE III (018)	5.7	7.7	6.0	6.3	5.0	6.7	5.7	6.3	5.3	5.7	5.7	5.7	5.0	5.7	5.0	6.3	6.7	5.7	6.3	5.9
K01-WAF	5.3	7.0	6.0	5.7	6.0	6.3	5.7	6.0	5.3	6.7	6.0	6.7	5.3	5.3	5.7	5.7	6.3	4.3	7.0	5.9
GREMLIN (P-58)	5.3	6.0	5.7	6.7	5.7	6.7	5.0	5.7	6.0	6.3	5.0	6.3	4.3	6.3	6.3	6.7	6.3	4.7	7.3	5.9
MUSTANG 3	6.0	7.0	5.0	5.0	5.3	6.7	5.7	6.3	6.0	6.7	5.3	6.7	4.7	5.7	6.0	6.0	6.7	4.7	6.7	5.9
COVENANT (ATF 802)	5.7	7.3	5.3	6.7	5.7	6.7	4.7	6.0	6.0	6.0	5.7	6.0	4.3	5.7	5.3	6.0	7.0	5.0	7.0	5.9
PST-5NAS	6.0	7.7	5.7	5.7	6.0	7.0	5.3	6.0	5.7	5.3	5.0	5.3	4.7	5.7	6.0	6.3	6.7	4.7	7.0	5.9
NINJA 2 (ATF-800)	4.7	6.7	5.7	5.7	5.0	7.0	5.7	6.0	6.0	5.3	5.7	5.3	5.0	6.0	6.0	6.0	7.0	5.0	8.0	5.9
PICASSO	5.3	6.7	6.3	5.3	5.3	6.7	5.3	6.0	6.0	6.0	5.3	6.0	5.0	6.0	6.0	6.0	6.7	5.0	6.7	5.9
BARLEXAS II	6.0	7.0	5.3	7.0	6.0	7.0	5.0	6.0	6.0	5.7	3.7	5.7	4.7	5.3	5.7	6.0	7.0	5.0	7.3	5.9
PST-53T	5.7	7.7	6.0	6.3	5.3	6.7	5.0	6.0	4.3	5.7	4.7	5.7	5.0	6.0	6.0	6.7	7.0	4.7	6.7	5.8
FIVE POINT (MCN-RC)	5.7	7.0	5.7	5.0	5.7	6.7	5.0	6.7	5.7	6.0	5.7	6.0	5.0	5.3	5.3	6.0	6.7	5.0	7.0	5.8
REGIMENT II (SRX 805)	5.7	7.0	5.7	7.0	5.3	7.0	5.0	6.0	4.7	6.0	4.7	6.0	5.0	6.0	5.7	7.0	6.0	4.3	7.0	5.8
SR 8550 (SRX 8BE4)	5.7	7.3	4.7	6.3	5.3	6.3	5.0	6.0	5.7	6.3	5.7	6.3	4.7	5.7	5.7	6.0	6.3	4.7	7.3	5.8
KITTY HAWK 2000	5.3	6.7	5.3	4.7	5.0	7.0	5.3	6.0	7.3	6.3	4.7	6.3	4.3	6.3	5.3	6.0	6.7	5.0	7.3	5.8
PST-5BZ	5.7	7.0	6.0	5.0	5.3	7.0	5.0	6.3	6.3	5.7	6.0	5.7	4.7	5.0	5.0	6.3	6.7	5.0	7.0	5.8
ATF 586	6.0	7.0	5.3	6.3	5.7	6.3	5.0	5.3	6.3	5.7	5.7	5.7	5.3	6.0	5.0	6.0	6.7	4.3	7.0	5.8
PST-5JM	5.7	7.0	5.7	6.7	5.3	6.7	5.3	6.0	5.0	6.0	5.3	6.0	4.3	5.0	5.7	6.0	7.0	5.0	7.0	5.8
FIDELITY (PST-5T1)	5.7	7.0	5.7	4.7	5.3	6.7	5.3	5.7	6.0	6.0	6.0	6.0	4.7	6.3	5.7	6.0	6.3	4.7	7.0	5.8
BARRERA	6.3	7.0	5.3	6.0	5.7	7.0	5.3	6.3	6.0	5.3	4.3	5.3	4.7	5.3	6.3	6.7	6.3	5.0	6.3	5.8
BILTMORE	5.7	7.0	5.7	4.3	5.0	7.0	6.0	6.3	5.7	5.7	6.0	5.7	5.0	6.0	5.0	6.0	6.7	4.3	7.3	5.8
NA-TDD	5.3	7.3	5.7	6.0	5.3	6.7	5.3	6.0	6.0	6.0	4.0	6.0	4.3	5.7	5.7	6.7	7.0	5.0	6.3	5.8
PICK-00-AFA	5.3	7.7	5.3	5.3	5.7	6.7	5.0	6.0	6.3	5.3	5.0	5.3	5.0	5.3	6.3	6.0	6.7	5.0	7.0	5.8
SILVERADO II (PST-578)	6.0	7.0	5.3	5.7	5.3	6.0	5.3	6.0	6.3	5.7	5.3	5.7	5.0	5.7	5.3	6.3	6.7	4.3	7.3	5.8
MRF 211	6.0	7.0	5.3	6.0	5.3	6.7	5.0	5.7	5.7	5.3	5.3	5.3	4.3	6.0	6.0	6.7	6.7	5.0	6.7	5.8
UT-155	5.3	7.0	5.3	6.0	5.3	6.0	4.7	5.7	5.7	6.3	4.7	6.3	5.0	6.0	5.3	6.3	6.3	5.0	7.3	5.8
APACHE III (PST-5A1)	5.0	7.0	6.0	5.0	5.3	7.0	5.0	6.0	6.3	5.3	5.0	5.3	5.0	5.3	5.7	6.0	6.7	5.0	7.3	5.8
B-7001	4.3	7.0	4.7	7.3	5.3	6.3	5.3	6.0	6.0	6.3	4.3	6.3	4.3	5.7	5.3	6.3	6.0	5.0	7.0	5.7
SILVERSTAR (PST-5ASR)	5.3	7.0	5.0	6.0	4.7	6.0	5.0	6.0	6.3	6.0	5.0	6.0	4.7	6.0	5.7	6.0	6.7	4.7	6.7	5.7
CONSTITUTION (ATF-593)	6.0	7.0	5.7	6.3	5.3	6.3	5.0	5.7	6.3	5.3	4.3	5.3	4.7	5.7	5.3	6.0	7.0	4.7	6.7	5.7
MATADOR GT (PST-5TU0)	5.3	7.0	5.7	6.0	5.0	6.3	5.0	6.0	6.3	6.0	4.7	6.0	4.0	5.3	5.3	6.3	6.7	4.7	7.0	5.7
ATF 704	5.7	7.0	5.3	6.7	5.7	6.7	4.7	6.0	6.0	5.3	5.0	5.3	4.3	5.7	5.0	6.0	7.0	5.0	6.3	5.7
BLADE RUNNER (ROBERTS SM4)	4.7	7.7	5.3	5.7	5.3	6.3	5.0	6.0	6.3	6.0	5.0	6.0	3.7	5.0	5.7	6.0	6.7	4.7	7.0	5.7
MASTERPIECE	5.3	7.0	5.3	5.0	5.7	6.7	5.3	6.0	6.0	5.3	4.7	5.3	5.0	6.0	5.7	6.0	6.0	4.7	7.0	5.7

TABLE 15. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	NC1	NJ1	NJ2	NJ3	NY1	NM1	PA1	SD1	TX1	WA1	WI1	MEAN
MRF 27	6.0	7.3	5.7	6.0	5.7	7.0	4.7	6.0	5.3	5.0	4.3	5.0	4.0	5.3	6.0	6.3	7.0	4.7	6.7	5.7
SR 8250	5.3	7.0	5.3	3.3	5.3	6.3	5.0	6.0	6.0	5.7	6.0	5.7	5.0	5.7	5.3	6.3	6.7	4.3	7.7	5.7
TURBO (CAS-MC1)	5.0	6.0	6.0	5.7	5.0	6.7	5.0	5.3	5.3	6.3	5.3	6.3	5.0	5.7	5.3	6.3	6.3	4.3	7.0	5.7
PLANTATION	5.7	6.3	5.0	5.3	5.3	7.0	5.0	6.0	5.7	5.7	4.3	5.7	5.3	5.3	5.7	6.0	7.0	4.3	7.0	5.7
BAR FA 1003	5.7	7.0	6.0	5.7	5.3	6.3	5.7	5.3	6.3	5.3	3.7	5.3	4.0	5.7	5.7	6.0	6.0	4.7	7.7	5.6
SIGNIA	5.0	7.0	5.0	4.7	5.3	6.7	5.0	6.0	5.3	6.3	4.7	6.3	4.7	6.0	6.0	6.0	6.7	4.0	6.7	5.6
MA 127	5.7	7.7	5.3	5.0	5.0	6.3	5.0	6.0	6.0	5.7	5.0	5.7	4.7	5.0	5.0	6.0	6.3	5.0	7.0	5.6
SR 8600	5.7	6.0	5.3	5.0	5.3	6.3	4.3	6.0	5.7	6.3	5.7	6.3	5.0	5.0	4.7	6.7	6.7	4.0	7.0	5.6
TITAN LTD.	6.0	7.0	6.0	5.7	5.3	6.7	5.3	6.0	5.7	5.3	4.3	5.3	5.0	5.3	4.7	6.0	6.3	4.7	6.3	5.6
PICK ZMG	5.7	7.0	5.0	6.3	5.3	6.0	5.0	5.7	6.7	6.3	3.7	6.3	4.7	5.3	4.7	6.0	6.0	4.3	7.0	5.6
PST-5KU	6.0	7.0	4.7	4.7	5.0	6.3	5.0	6.0	5.7	5.7	5.7	5.7	4.7	5.3	5.3	6.3	6.3	4.7	7.0	5.6
UT-RB3	5.0	6.0	5.7	6.0	5.0	6.3	5.0	6.0	5.3	6.0	5.3	6.0	4.7	5.7	5.0	6.0	6.7	4.3	6.7	5.6
PST-5BAB	5.3	7.0	5.0	5.7	5.3	6.7	5.0	6.0	5.7	5.3	5.0	5.3	4.3	5.7	5.3	6.3	6.7	4.3	6.7	5.6
BAR FA 1CR7	5.7	7.0	5.0	6.3	5.0	7.0	4.7	5.7	5.3	4.7	4.0	4.7	5.0	5.3	6.0	6.7	6.3	5.3	6.7	5.6
GO-OD2	5.7	7.0	6.0	4.7	5.0	6.7	5.0	6.3	5.7	5.7	4.7	5.7	4.3	5.7	5.0	5.7	6.3	4.3	7.0	5.6
LANCER	5.7	7.7	5.3	5.0	5.3	6.7	4.3	6.0	6.0	5.3	3.7	5.3	4.7	6.0	5.3	5.7	6.7	4.3	7.3	5.6
MRF 28	5.7	7.0	5.3	5.0	5.3	6.3	5.0	6.0	5.3	5.3	4.0	5.3	5.0	6.0	5.0	6.0	6.3	4.7	7.7	5.6
MRF 29	5.3	7.0	6.0	5.3	5.3	6.3	5.0	6.0	5.3	5.3	4.7	5.3	5.0	5.0	5.3	6.3	6.7	4.0	7.0	5.6
REMBRANDT	5.7	7.0	5.0	4.0	5.3	6.3	5.3	6.0	5.0	5.7	5.3	5.7	4.3	6.0	5.7	6.3	6.3	4.3	7.0	5.6
WATCHDOG	5.7	6.0	6.0	4.0	5.0	7.0	5.7	6.0	5.7	7.0	3.3	7.0	4.3	5.7	5.0	6.0	6.0	4.7	6.3	5.6
TAR HEEL II (PST-5TR1)	6.0	6.7	5.3	4.0	5.3	6.0	5.3	6.0	6.7	5.3	6.3	5.3	4.0	5.7	4.3	6.3	6.3	4.3	7.0	5.6
LARAMIE	5.3	7.0	5.3	5.3	5.3	6.3	5.0	6.0	6.3	4.7	4.3	4.7	4.7	5.7	5.3	6.0	7.0	4.7	7.0	5.6
WYATT	5.3	8.0	5.7	4.7	5.7	6.3	5.0	5.0	6.7	5.3	4.7	5.3	5.0	5.7	4.3	5.7	6.0	5.0	6.7	5.6
DP 50-9226	5.3	7.0	6.0	4.7	5.0	6.7	5.7	5.7	5.0	5.3	4.7	5.3	5.0	6.0	4.7	5.7	7.0	4.3	7.0	5.6
REBEL SENTRY	5.3	6.7	5.0	5.3	5.7	6.3	4.7	6.0	5.3	5.7	5.0	5.7	4.7	5.7	5.3	6.0	6.3	4.3	7.0	5.6
TAHOE (CAS-157)	5.0	6.0	5.7	5.3	5.0	6.3	5.3	6.0	4.7	6.3	4.7	6.3	5.0	6.3	5.3	6.3	6.0	4.3	6.0	5.6
PST-5LO	5.7	6.0	5.7	4.3	5.3	6.7	5.3	6.0	6.0	5.0	5.3	5.0	4.7	5.3	4.3	6.0	7.0	4.7	7.3	5.6
T991	5.3	6.3	5.3	5.3	5.3	6.3	5.3	6.3	6.0	5.3	3.3	5.3	4.0	5.0	6.3	6.3	6.7	4.7	7.0	5.6
JAGUAR 3	5.7	7.0	5.3	5.3	6.0	6.3	5.0	5.3	6.0	4.7	3.7	4.7	5.3	6.0	5.3	6.0	6.0	5.0	7.0	5.6
BARLEXAS	4.7	7.0	5.3	5.0	5.7	6.7	4.3	5.7	6.3	5.0	3.3	5.0	5.0	6.0	5.3	6.0	6.3	5.0	7.7	5.5
CAS-ED	6.0	6.0	5.3	5.3	5.3	6.3	4.7	5.3	5.3	6.7	4.3	6.7	5.0	4.7	4.7	6.0	6.3	4.3	7.0	5.5
EXPEDETION (ATF-803)	5.0	7.0	5.3	5.3	5.0	6.7	5.0	6.0	6.0	5.3	4.3	5.3	5.0	5.3	5.0	6.0	6.0	4.0	7.7	5.5
PST-5S12	5.3	7.0	5.7	4.7	5.0	6.7	5.3	5.7	6.0	4.7	5.7	4.7	5.0	5.3	5.0	5.7	6.3	4.7	7.0	5.5
PURE GOLD	5.7	7.0	5.3	5.3	5.0	6.3	5.0	5.7	5.7	5.7	4.7	5.7	3.7	5.3	5.3	6.0	6.7	4.0	7.0	5.5
WOLFPACK	5.7	7.0	5.3	4.7	5.3	6.7	5.3	5.7	5.0	5.0	4.0	5.0	5.0	6.0	5.0	6.3	6.3	4.0	7.3	5.5
MILLENNIUM	4.7	7.0	5.3	4.7	5.3	6.7	5.0	6.0	6.7	5.3	3.0	5.3	4.7	5.7	5.0	6.0	6.0	5.0	6.7	5.5
MRF 26	4.7	7.0	5.7	5.3	5.0	6.7	4.7	6.0	5.0	5.0	4.3	5.0	5.0	5.3	5.7	6.3	6.0	4.3	7.0	5.5
DP 50-9082	6.0	7.7	5.0	4.3	5.0	6.3	4.7	5.3	4.7	5.7	3.3	5.7	4.7	5.0	5.7	6.0	7.0	4.7	7.0	5.5
BONSAI	6.0	7.0	5.3	5.7	5.7	6.7	5.0	6.0	5.7	4.3	3.0	4.3	4.7	5.3	5.0	5.7	6.7	4.7	6.7	5.4
MA 158	5.7	6.3	5.7	4.3	5.3	6.7	5.0	6.0	5.0	4.0	5.3	4.0	5.0	5.3	4.7	6.3	6.3	5.0	7.3	5.4
MRF 25	4.3	7.0	5.7	5.0	5.0	6.7	5.0	6.0	5.3	4.7	3.3	4.7	5.0	5.7	6.0	6.0	6.7	4.3	6.7	5.4
PROSPECT	5.3	7.0	5.0	4.7	5.0	6.3	4.7	5.3	6.3	5.7	4.3	5.7	4.7	5.7	4.7	5.7	6.3	4.3	6.3	5.4
TROOPER (01-TFOR3)	5.7	7.0	5.3	4.0	5.0	6.3	4.7	5.0	5.0	6.0	3.7	6.0	5.0	5.3	5.3	6.0	6.3	4.3	7.0	5.4
EA 163	5.7	7.0	6.3	4.3	4.3	6.3	4.7	5.7	4.7	5.3	4.7	5.3	5.0	5.0	5.0	6.0	6.3	4.3	6.7	5.4
FOCUS	5.7	6.3	5.0	5.3	5.3	7.0	5.0	5.7	5.3	5.3	3.7	5.3	4.3	5.3	5.0	5.7	6.3	4.3	6.7	5.4

TABLE 15. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AL1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	NC1	NJ1	NJ2	NJ3	NY1	NM1	PA1	SD1	TX1	WA1	WI1	MEAN
JTFFF-2000	5.7	7.0	5.0	5.0	5.0	6.3	5.0	6.0	5.7	5.0	2.7	5.0	4.0	5.0	5.7	6.7	6.3	4.7	7.0	5.4
LEGITIMATE	5.7	7.3	6.0	4.3	5.0	6.0	5.0	5.3	6.0	4.3	5.0	4.3	4.3	5.7	4.3	6.0	7.0	4.0	7.0	5.4
TF66	5.7	6.3	5.3	3.7	5.3	6.7	5.0	5.7	5.3	5.7	3.7	5.7	4.7	5.3	5.0	6.0	6.0	5.0	6.7	5.4
TULSA II (ATF 706)	5.3	6.3	5.7	4.3	4.7	6.3	5.0	5.7	5.7	5.7	4.3	5.7	5.0	5.7	4.3	6.0	6.0	4.7	6.3	5.4
OLYMPIC GOLD	5.3	7.0	5.0	3.7	5.0	6.7	4.7	6.0	5.3	5.3	4.7	5.3	5.0	5.3	4.7	6.0	6.0	4.3	7.0	5.4
SOUTHERN CHOICE II	5.3	7.0	5.0	5.7	5.3	6.0	5.0	6.0	5.7	4.3	3.7	4.3	4.7	5.3	4.7	6.0	6.3	4.7	7.3	5.4
BRAVO	5.7	7.0	4.7	4.3	5.0	6.7	4.3	5.7	6.0	5.0	3.0	5.0	5.0	5.7	5.3	6.0	6.0	4.0	7.0	5.3
COYOTE	5.0	7.0	5.0	4.0	5.0	7.0	5.0	5.3	5.0	4.7	3.7	4.7	4.7	6.0	5.7	6.0	6.0	4.3	7.3	5.3
ELISA	5.3	7.0	5.7	3.0	5.3	5.7	4.0	5.0	5.3	5.7	4.7	5.7	5.0	6.3	4.7	5.7	6.0	5.0	6.0	5.3
ENDEAVOR	5.7	7.0	5.0	3.7	4.7	7.0	5.3	5.3	6.0	4.3	3.7	4.3	4.7	5.0	4.7	6.0	6.7	4.7	7.0	5.3
ATF 707	5.7	6.7	5.3	5.7	5.0	6.7	4.7	5.7	6.0	4.3	2.7	4.3	4.3	6.0	4.7	5.7	6.3	4.7	6.3	5.3
DLF-J210	5.0	6.7	4.7	4.3	5.0	6.3	4.3	5.0	6.7	5.0	2.7	5.0	5.0	5.7	4.7	6.0	6.7	4.3	6.7	5.2
MRF 210	5.3	6.3	5.3	4.7	5.0	6.3	5.0	5.7	5.3	4.7	3.3	4.7	4.3	5.3	4.7	6.0	6.0	4.0	7.7	5.2
MA 138	5.3	6.0	5.3	4.0	5.0	6.0	4.7	5.3	6.3	4.7	3.3	4.7	4.7	5.0	5.0	6.3	6.3	4.3	7.0	5.2
TEMPEST	5.3	6.0	5.0	4.7	5.0	6.3	4.7	5.0	5.3	4.7	2.3	4.7	5.0	5.7	5.0	6.0	6.0	4.0	7.7	5.2
TAR HEEL	5.7	6.0	5.7	4.7	5.3	6.0	4.3	5.3	5.0	4.0	3.7	4.0	4.7	5.0	5.0	6.0	6.3	4.3	7.0	5.2
STETSON	5.0	7.0	5.0	3.7	5.0	6.7	4.3	4.7	6.0	5.3	3.3	5.3	4.3	5.3	4.3	5.3	6.0	4.3	7.0	5.2
DOMINION	4.3	6.7	5.0	3.7	5.0	5.7	4.0	5.0	5.7	5.3	4.0	5.3	5.0	5.7	4.0	5.3	6.0	4.3	7.0	5.1
FALCON II	5.0	6.7	6.3	3.3	5.0	7.0	4.0	5.0	6.3	5.0	2.3	5.0	4.3	5.3	4.0	5.3	6.0	4.0	6.7	5.1
GO-SIU2	5.3	6.0	5.0	3.3	5.3	5.7	4.7	5.3	5.3	5.0	2.7	5.0	5.0	4.7	4.7	5.3	6.0	4.0	7.3	5.0
SOUTH PAW (MRF 24)	5.3	7.0	5.0	3.0	5.3	6.0	4.3	5.0	5.7	4.0	2.0	4.0	5.0	5.3	4.0	6.0	6.7	4.3	7.0	5.0
TOMAHAWK GT	4.7	6.0	5.3	3.3	4.3	6.7	4.7	5.3	5.7	4.7	3.0	4.7	4.7	5.3	4.0	6.0	6.0	3.7	7.0	5.0
DAYTONA (MRF 23)	4.3	6.7	5.3	3.7	5.0	6.0	4.7	6.0	5.3	4.0	2.3	4.0	4.0	5.3	4.7	6.0	6.0	4.7	6.7	5.0
GO-RD4	4.7	7.0	4.7	3.0	5.0	6.0	4.3	5.0	5.3	4.3	2.0	4.3	4.7	5.3	4.7	5.3	6.0	4.3	7.0	4.9
GO-FL3	5.0	6.3	5.7	3.3	4.7	5.3	4.7	5.0	5.0	4.0	3.3	4.0	4.7	4.7	3.7	4.7	6.0	3.0	7.7	4.8
KY-31 E+	3.0	5.0	3.0	1.0	3.3	4.0	3.0	3.0	5.0	1.0	1.0	1.0	4.5	4.0	2.0	2.0	6.0	2.0	5.7	3.1
LSD VALUE	1.2	0.6	1.1	2.0	0.9	0.7	0.8	0.6	1.5	1.4	1.3	1.4	0.9	1.1	1.1	0.7	0.7	0.9	1.0	0.3
C.V. (%)	13.1	5.5	11.9	22.1	10.2	7.0	10.0	6.8	15.6	14.6	16.7	14.6	12.4	11.8	12.5	7.0	6.6	12.1	9.0	11.9

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 16.

 SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
 2003 DATA

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

NAME	MI1	NE1	TX1	MEAN	NAME	MI1	NE1	TX1	MEAN
BILTMORE	6.0	9.0	7.3	7.4	MA 138	6.0	9.0	6.3	7.1
INFERNO (JT-99)	6.3	8.7	7.3	7.4	APACHE III (PST-5A1)	6.0	8.7	6.7	7.1
MAGELLAN (OD-4)	6.3	9.0	7.0	7.4	REBEL SENTRY	6.0	8.7	6.7	7.1
DYNAMIC (PST-57E)	6.0	9.0	7.3	7.4	SILVERADO II (PST-578)	6.0	8.7	6.7	7.1
WOLFPACK	6.0	9.0	7.3	7.4	SR 8550 (SRX 8BE4)	6.0	9.0	6.3	7.1
ATF 586	6.0	8.7	7.3	7.3	SR 8600	6.0	9.0	6.3	7.1
EXPEDETION (ATF-803)	6.0	9.0	7.0	7.3	TAR HEEL II (PST-5TR1)	6.0	9.0	6.3	7.1
MASTERPIECE	6.3	9.0	6.7	7.3	UT-RB3	6.0	9.0	6.3	7.1
MUSTANG 3	6.3	9.0	6.7	7.3	TROOPER (01-TFOR3)	5.3	9.0	6.7	7.0
PST-5S12	5.7	9.0	7.3	7.3	ATF 799	5.7	8.7	6.7	7.0
REMBRANDT	6.3	8.7	7.0	7.3	B-7001	5.7	8.7	6.7	7.0
SILVERSTAR (PST-5ASR)	6.0	9.0	7.0	7.3	BAR FA 1005	5.7	9.0	6.3	7.0
STETSON	6.3	8.3	7.3	7.3	BLACKWATCH (PICK-0D3-01)	6.0	8.3	6.7	7.0
FALCON II	6.0	9.0	6.7	7.2	CIS-TF-67	5.7	8.3	7.0	7.0
MRF 26	6.0	9.0	6.7	7.2	DAVINCI (LTP-7801)	5.7	8.7	6.7	7.0
PADRE (NJ4)	5.7	9.0	7.0	7.2	ENDEAVOR	5.7	8.3	7.0	7.0
PST-5BAB	6.0	9.0	6.7	7.2	FOCUS	6.3	8.7	6.0	7.0
PST-5JM	5.7	9.0	7.0	7.2	GO-0D2	5.3	9.0	6.7	7.0
PST-5KI	5.7	9.0	7.0	7.2	GO-SIU2	5.7	9.0	6.3	7.0
QUEST	6.0	9.0	6.7	7.2	GUARDIAN-21 (ROBERTS DOL)	5.7	8.7	6.7	7.0
RENDITION	6.0	9.0	6.7	7.2	K01-8015	5.7	9.0	6.3	7.0
RIVERSIDE (PROSEEDS 5301)	5.7	9.0	7.0	7.2	K01-E09	5.7	9.0	6.3	7.0
2ND MILLENNIUM	6.0	8.7	7.0	7.2	KALAHARI	5.7	9.0	6.3	7.0
CAS-ED	6.0	8.7	7.0	7.2	LEGITIMATE	6.0	8.7	6.3	7.0
CAYENNE	5.7	8.7	7.3	7.2	MA 127	5.3	8.7	7.0	7.0
KITTY HAWK 2000	6.0	8.7	7.0	7.2	MA 158	5.7	9.0	6.3	7.0
NINJA 2 (ATF-800)	5.3	9.0	7.3	7.2	MRF 25	5.0	9.0	7.0	7.0
PICASSO	6.0	8.7	7.0	7.2	NA-TDD	5.3	8.7	7.0	7.0
PICK ZMG	6.0	8.7	7.0	7.2	PST-5BZ	6.0	8.3	6.7	7.0
TITANIUM (SBM)	6.0	8.7	7.0	7.2	PST-5FZD	5.7	9.0	6.3	7.0
COCHISE III (018)	5.7	9.0	6.7	7.1	PST-5KU	5.3	9.0	6.7	7.0
FIREBIRD (CIS-TF-65)	5.7	9.0	6.7	7.1	PST-5NAS	5.3	9.0	6.7	7.0
K01-E03	5.7	9.0	6.7	7.1	FIDELITY (PST-5T1)	5.3	9.0	6.7	7.0
PST-53T	5.7	9.0	6.7	7.1	MATADOR GT (PST-5TU0)	5.7	8.7	6.7	7.0
RAPTOR (CIS-TF-33)	5.7	9.0	6.7	7.1	R-4	6.0	9.0	6.0	7.0
CIS-TF-64	6.0	9.0	6.3	7.1	REBEL EXEDA	6.0	8.7	6.3	7.0
COVENANT (ATF 802)	6.0	8.7	6.7	7.1	SCORPION	5.7	8.7	6.7	7.0
DP 50-9226	5.3	9.0	7.0	7.1	SOUTHERN CHOICE II	5.7	9.0	6.3	7.0
DYNASTY	6.0	9.0	6.3	7.1	TEMPEST	6.0	9.0	6.0	7.0
EA 163	5.7	8.7	7.0	7.1	TITAN LTD.	6.0	8.7	6.3	7.0
FALCON IV (F-4)	6.0	8.7	6.7	7.1	TURBO (CAS-MC1)	5.7	9.0	6.3	7.0
FINELAWN ELITE (DLSD)	5.7	8.7	7.0	7.1	ESCALADE (01-ORU1)	5.7	8.3	6.7	6.9
K01-WAF	6.0	9.0	6.3	7.1	BAR FA 1CR7	5.7	8.3	6.7	6.9
LANCER	5.7	8.7	7.0	7.1	BINGO	5.3	8.7	6.7	6.9
					CONSTITUTION (ATF-593)	5.7	9.0	6.0	6.9

TABLE 16. (CONT'D)

 SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
 2003 DATA

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

NAME	MI1	NE1	TX1	MEAN	NAME	MI1	NE1	TX1	MEAN
DP 50-9082	5.0	9.0	6.7	6.9	BARRERA	5.7	8.7	6.0	6.8
GO-RD4	6.0	9.0	5.7	6.9	BLADE RUNNER (ROBERTS SM4)	5.7	8.3	6.3	6.8
JT-12	5.7	9.0	6.0	6.9	CIS-TF-77	5.7	8.3	6.3	6.8
JT-15	5.7	9.0	6.0	6.9	COYOTE	5.3	8.7	6.3	6.8
LARAMIE	6.0	8.0	6.7	6.9	DLF-J210	5.7	8.7	6.0	6.8
MATADOR	5.7	8.3	6.7	6.9	DOMINION	6.0	8.0	6.3	6.8
MRF 211	5.7	9.0	6.0	6.9	GO-FL3	6.0	9.0	5.3	6.8
MRF 27	5.7	9.0	6.0	6.9	GRANDE II	6.0	8.7	5.7	6.8
OLYMPIC GOLD	5.3	8.3	7.0	6.9	JT-13	5.3	9.0	6.0	6.8
PLANTATION	5.7	8.0	7.0	6.9	JTTFF-2000	5.3	8.7	6.3	6.8
PROSPECT	6.0	9.0	5.7	6.9	JUSTICE (RB2-01)	5.7	8.7	6.0	6.8
REGIMENT II (SRX 805)	5.7	9.0	6.0	6.9	MRF 29	6.0	8.0	6.3	6.8
T991	5.3	8.3	7.0	6.9	PICK TF H-97	5.7	8.3	6.3	6.8
UT-155	5.7	8.0	7.0	6.9	PICK-00-AFA	5.3	8.7	6.3	6.8
WYATT	5.3	8.7	6.7	6.9	PST-DDL	5.7	8.3	6.3	6.8
AVENGER (L1Z)	5.7	8.7	6.3	6.9	SIGNIA	5.7	8.7	6.0	6.8
BARRINGTON	5.3	9.0	6.3	6.9	SOUTH PAW (MRF 24)	5.0	9.0	6.3	6.8
BE1	6.0	8.7	6.0	6.9	STONEWALL (JT-18)	5.3	8.7	6.3	6.8
BONSAI	5.7	8.7	6.3	6.9	ATF 707	5.7	7.7	6.7	6.7
JT-9	6.0	8.7	6.0	6.9	ATF 806	6.0	7.3	6.7	6.7
MILLENNIUM	6.0	8.7	6.0	6.9	BAR FA 1003	5.7	8.7	5.7	6.7
MRF 210	5.3	9.0	6.3	6.9	BRAVO	5.3	8.0	6.7	6.7
PST-5L0	5.3	9.0	6.3	6.9	FINESSE II	6.0	8.3	5.7	6.7
SR 8250	5.7	8.7	6.3	6.9	FORTE (BE-2)	6.0	7.3	6.7	6.7
TAHOE (CAS-157)	5.7	8.7	6.3	6.9	GREMLIN (P-58)	5.0	9.0	6.0	6.7
TAR HEEL	5.7	8.7	6.3	6.9	JT-6	5.7	8.7	5.7	6.7
TRACER	5.7	8.7	6.3	6.9	FIVE POINT (MCN-RC)	5.7	8.0	6.0	6.6
ATF 704	5.7	8.0	6.7	6.8	TOMAHAWK GT	6.0	7.7	6.0	6.6
BARLEXAS	5.7	8.0	6.7	6.8	DAYTONA (MRF 23)	5.3	8.0	6.3	6.6
BARLEXAS II	5.3	8.3	6.7	6.8	PURE GOLD	5.3	8.0	6.3	6.6
ELISA	5.7	8.0	6.7	6.8	CIS-TF-60	5.7	8.0	5.7	6.4
JAGUAR 3	6.0	8.3	6.0	6.8	KO1-8007	5.3	9.0	5.0	6.4
MRF 28	5.3	8.3	6.7	6.8	KY-31 E+	4.7	7.3	6.3	6.1
TF66	5.7	8.0	6.7	6.8	WATCHDOG	6.0	8.7	7.0	5.7
TULSA II (ATF 706)	5.3	8.3	6.7	6.8					
ULTIMATE (01-RUTOR2)	5.3	9.0	6.0	6.8	LSD VALUE	0.8	0.7	1.0	0.5
ATF 702	5.3	9.0	6.0	6.8	C.V. (%)	8.7	5.1	9.9	7.7

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 17.

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MI1	NE1	NE2	SD1	TX1	MEAN	NAME	MI1	NE1	NE2	SD1	TX1	MEAN
INFERNO (JT-99)	6.7	8.7	8.0	7.0	7.7	7.6	ELISA	6.0	8.0	8.3	7.0	7.0	7.3
TITANIUM (SBM)	6.3	8.7	8.3	7.0	7.3	7.5	FOCUS	6.3	8.7	8.3	6.0	7.0	7.3
NINJA 2 (ATF-800)	6.0	9.0	8.7	6.7	7.3	7.5	JT-9	6.0	8.7	8.3	7.0	6.3	7.3
FINELAWN ELITE (DLSD)	6.3	8.7	8.3	7.0	7.0	7.5	MA 158	6.0	9.0	7.7	6.7	7.0	7.3
MASTERPIECE	6.7	9.0	8.0	6.7	7.0	7.5	MATADOR	6.0	8.3	8.3	6.7	7.0	7.3
MRF 210	6.3	9.0	8.7	6.7	6.7	7.5	MRF 28	6.3	8.3	8.0	7.0	6.7	7.3
PST-5KI	6.3	9.0	8.7	6.7	6.7	7.5	NA-TDD	6.0	8.3	8.7	6.7	6.7	7.3
PST-5NAS	6.7	9.0	8.0	6.7	7.0	7.5	PICASSO	6.0	8.7	8.3	6.7	6.7	7.3
RIVERSIDE (PROSEEDS 5301)	6.3	8.7	9.0	6.7	6.7	7.5	PICK-00-AFA	5.7	9.0	8.0	6.7	7.0	7.3
MRF 25	6.0	9.0	9.0	6.3	7.0	7.5	PST-5KU	6.0	8.3	7.7	6.7	7.7	7.3
DYNAMIC (PST-57E)	6.3	9.0	7.7	6.3	8.0	7.5	SILVERSTAR (PST-5ASR)	6.0	9.0	7.7	6.7	7.0	7.3
PST-5FZD	6.3	9.0	8.3	7.0	6.7	7.5	DP 50-9082	6.0	9.0	9.0	6.3	6.0	7.3
CONSTITUTION (ATF-593)	6.3	8.3	8.0	7.0	7.3	7.4	FALCON IV (F-4)	6.0	8.7	7.7	7.0	7.0	7.3
COVENANT (ATF 802)	6.0	8.7	8.0	6.7	7.7	7.4	KITTY HAWK 2000	6.0	8.7	8.0	6.3	7.3	7.3
DYNASTY	6.0	9.0	8.3	6.7	7.0	7.4	PLANTATION	6.0	8.0	8.7	6.7	7.0	7.3
EXPEDETION (ATF-803)	6.0	8.7	9.0	6.3	7.0	7.4	PST-5S12	6.3	8.7	7.3	6.3	7.7	7.3
GO-0D2	6.0	9.0	8.7	6.0	7.3	7.4	SOUTH PAW (MRF 24)	6.0	9.0	8.7	6.0	6.7	7.3
K01-E03	5.7	9.0	8.0	7.7	6.7	7.4	T991	6.0	8.7	8.7	6.0	7.0	7.3
MAGELLAN (OD-4)	6.3	9.0	7.7	6.7	7.3	7.4	TITAN LTD.	6.0	8.7	8.0	6.3	7.3	7.3
MRF 27	6.3	9.0	8.7	7.0	6.0	7.4	ULTIMATE (01-RUTOR2)	6.0	9.0	7.7	7.0	6.3	7.2
PADRE (NJ4)	6.3	9.0	8.0	6.7	7.0	7.4	CAYENNE	6.0	8.3	7.7	6.7	7.3	7.2
TRACER	6.3	8.7	8.0	7.0	7.0	7.4	FALCON II	6.3	8.7	8.7	5.7	6.7	7.2
WOLFPACK	6.0	9.0	8.7	6.3	7.0	7.4	FINESSE II	6.0	8.7	8.0	6.0	7.3	7.2
2ND MILLENNIUM	6.3	9.0	7.7	6.7	7.0	7.3	FIREBIRD (CIS-TF-65)	6.0	9.0	8.0	6.3	6.7	7.2
AVENGER (L1Z)	6.0	9.0	8.3	7.0	6.3	7.3	MA 138	6.0	8.7	8.3	6.3	6.7	7.2
BILTMORE	6.0	8.0	8.3	7.0	7.3	7.3	MILLENNIUM	6.0	8.7	8.7	6.3	6.3	7.2
PST-5JM	6.7	8.7	7.7	6.7	7.0	7.3	PST-5BAB	6.3	8.7	8.3	6.0	6.7	7.2
TAR HEEL II (PST-5TR1)	6.0	9.0	8.3	7.0	6.3	7.3	QUEST	6.3	9.0	7.7	6.3	6.7	7.2
UT-155	6.0	8.3	8.0	6.7	7.7	7.3	RAPTOR (CIS-TF-33)	5.7	9.0	7.7	7.0	6.7	7.2
ATF 586	6.0	8.7	8.3	6.3	7.3	7.3	REMBRANDT	6.3	8.7	7.7	6.7	6.7	7.2
DAVINCI (LTP-7801)	6.0	8.7	8.0	6.7	7.3	7.3	SCORPION	6.0	8.3	8.0	6.7	7.0	7.2
K01-8015	6.0	9.0	8.0	7.0	6.7	7.3	SR 8600	6.0	9.0	8.0	6.7	6.3	7.2
K01-WAF	6.3	8.7	8.0	7.0	6.7	7.3	TAHOE (CAS-157)	6.0	8.3	8.0	6.3	7.3	7.2
KALAHARI	6.0	9.0	8.7	6.7	6.3	7.3	TEMPEST	6.3	9.0	8.7	5.7	6.3	7.2
MRF 26	6.0	9.0	8.7	6.3	6.7	7.3	B-7001	6.0	8.3	8.0	6.0	7.3	7.1
MUSTANG 3	6.3	9.0	8.0	6.7	6.7	7.3	BE1	6.0	8.7	8.3	6.7	6.0	7.1
FIDELITY (PST-5T1)	6.3	9.0	8.0	6.3	7.0	7.3	BINGO	6.0	9.0	7.7	6.0	7.0	7.1
REBEL EXEDA	6.0	8.7	8.3	7.0	6.7	7.3	JT-12	6.3	8.7	8.0	6.7	6.0	7.1
ESCALADE (01-ORU1)	6.0	9.0	7.7	6.7	7.0	7.3	JT-15	6.0	9.0	7.7	6.7	6.3	7.1
BAR FA 1005	6.0	9.0	8.3	6.0	7.0	7.3	K01-E09	6.3	9.0	7.7	6.7	6.0	7.1
CAS-ED	6.0	8.7	7.7	6.7	7.3	7.3	LARAMIE	6.0	8.0	8.3	6.3	7.0	7.1
CIS-TF-64	6.0	9.0	8.0	6.7	6.7	7.3	MRF 211	6.0	9.0	8.0	6.7	6.0	7.1
CIS-TF-77	6.0	9.0	8.0	7.0	6.3	7.3	OLYMPIC GOLD	6.0	8.0	8.0	6.7	7.0	7.1
DP 50-9226	5.7	9.0	8.7	6.0	7.0	7.3	PST-53T	6.0	8.3	8.0	6.7	6.7	7.1
							PST-5BZ	6.0	8.3	8.0	6.7	6.7	7.1

TABLE 17. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MI1	NE1	NE2	SD1	TX1	MEAN	NAME	MI1	NE1	NE2	SD1	TX1	MEAN
REBEL SENTRY	6.0	8.3	8.0	6.7	6.7	7.1	BONSAI	6.0	8.7	8.7	6.3	5.3	7.0
RENDITION	6.0	9.0	7.7	6.0	7.0	7.1	BRAVO	6.0	8.3	8.0	6.3	6.3	7.0
SILVERADO II (PST-578)	6.0	8.3	8.0	7.0	6.3	7.1	EA 163	6.0	8.3	7.7	6.0	7.0	7.0
SR 8250	6.0	8.3	8.3	6.7	6.3	7.1	ENDEAVOR	5.7	8.3	8.0	6.3	6.7	7.0
STETSON	6.0	8.3	8.0	6.3	7.0	7.1	GO-RD4	5.7	8.7	8.0	6.0	6.7	7.0
WYATT	5.7	8.3	8.3	6.3	7.0	7.1	GRANDE II	6.0	8.7	8.0	6.3	6.0	7.0
ATF 702	6.0	8.7	7.7	6.7	6.7	7.1	GUARDIAN-21 (ROBERTS DOL)	6.0	9.0	7.0	6.3	6.7	7.0
BARRERA	6.0	8.7	8.0	6.3	6.7	7.1	JT-6	6.0	8.7	7.7	7.0	5.7	7.0
BLACKWATCH (PICK-0D3-01)	6.0	8.7	8.0	6.3	6.7	7.1	JTTFF-2000	6.0	8.3	8.0	6.0	6.7	7.0
COCHISE III (018)	6.0	9.0	7.3	6.3	7.0	7.1	PICK TF H-97	5.7	8.0	7.7	7.0	6.7	7.0
FIVE POINT (MCN-RC)	6.0	8.0	8.7	6.7	6.3	7.1	APACHE III (PST-5A1)	6.3	8.3	8.0	5.3	7.0	7.0
LEGITIMATE	6.3	8.3	8.3	6.3	6.3	7.1	PURE GOLD	6.0	8.0	7.7	6.7	6.7	7.0
MA 127	6.0	8.7	7.3	6.3	7.3	7.1	R-4	6.0	9.0	7.0	6.7	6.3	7.0
PICK ZMG	6.0	8.7	7.7	6.3	7.0	7.1	SOUTHERN CHOICE II	6.0	9.0	7.7	6.3	6.0	7.0
SIGNIA	6.0	8.3	8.7	6.0	6.7	7.1	STONEWALL (JT-18)	6.0	8.3	7.7	6.7	6.3	7.0
SR 8550 (SRX 8BE4)	6.0	8.7	7.7	6.7	6.7	7.1	TAR HEEL	6.0	8.7	8.0	6.0	6.3	7.0
ATF 806	6.3	8.3	7.3	6.7	6.7	7.1	COYOTE	5.7	7.7	8.3	6.0	7.0	6.9
CIS-TF-67	5.7	8.3	7.7	7.0	6.7	7.1	PST-5L0	6.0	8.7	7.3	6.7	6.0	6.9
DLF-J210	6.7	8.7	7.7	6.0	6.3	7.1	TF66	6.0	8.0	7.7	6.0	7.0	6.9
GREMLIN (P-58)	5.3	9.0	7.7	7.0	6.3	7.1	BLADE RUNNER (ROBERTS SM4)	5.3	8.3	7.3	7.0	6.7	6.9
JAGUAR 3	6.0	8.3	8.0	6.3	6.7	7.1	GO-FL3	6.0	9.0	8.7	5.7	5.3	6.9
LANCER	6.0	8.3	7.7	6.0	7.3	7.1	GO-SIU2	5.7	9.0	8.3	6.0	5.7	6.9
MRF 29	6.0	8.7	8.3	6.0	6.3	7.1	MATADOR GT (PST-5TU0)	6.0	8.3	8.3	6.3	5.7	6.9
REGIMENT II (SRX 805)	6.0	8.3	8.0	6.3	6.7	7.1	TULSA II (ATF 706)	5.7	8.7	7.7	6.0	6.7	6.9
UT-RB3	6.0	9.0	7.0	7.0	6.3	7.1	BAR FA 1CR7	6.0	8.0	7.7	6.0	6.7	6.9
TROOPER (01-TFOR3)	6.0	8.7	7.7	6.3	6.7	7.1	TOMAHAWK GT	6.0	8.0	8.0	6.0	6.3	6.9
ATF 799	6.0	8.7	7.7	6.0	7.0	7.1	ATF 704	6.0	8.0	7.0	6.3	7.0	6.9
BARLEXAS II	6.3	8.3	7.3	6.3	7.0	7.1	ATF 707	6.3	7.3	8.0	6.0	6.7	6.9
DAYTONA (MRF 23)	6.0	9.0	8.0	6.3	6.0	7.1	FORTE (BE-2)	6.0	8.0	8.0	6.3	6.0	6.9
JT-13	6.0	9.0	8.0	6.3	6.0	7.1	CIS-TF-60	5.5	8.7	7.7	6.0	6.3	6.8
JUSTICE (RB2-01)	6.0	8.7	8.0	6.7	6.0	7.1	DOMINION	6.0	8.0	7.7	6.0	6.0	6.7
K01-8007	6.0	9.0	8.7	6.3	5.3	7.1	PST-DDL	6.0	8.3	6.0	6.3	7.0	6.7
PROSPECT	5.7	8.7	8.3	6.3	6.3	7.1	WATCHDOG	6.0	8.3	8.3	6.3	7.0	6.0
TURBO (CAS-MC1)	6.0	8.7	7.0	6.7	7.0	7.1	KY-31 E+	6.0	6.7	7.7	3.3	6.0	5.9
BAR FA 1003	6.0	8.3	7.7	6.7	6.3	7.0							
BARLEXAS	5.7	8.3	8.0	6.0	7.0	7.0	LSD VALUE	0.6	0.7	1.1	0.8	1.5	0.4
BARRINGTON	5.7	8.7	7.7	6.0	7.0	7.0	C.V. (%)	6.4	5.4	8.8	7.5	13.5	8.7

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 18.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MI1	NE1	NJ1	NJ2	TX1	MEAN	NAME	MI1	NE1	NJ1	NJ2	TX1	MEAN
ESCALADE (01-ORU1)	7.0	9.0	8.3	7.3	7.0	7.7	UT-155	7.0	8.7	6.7	5.7	7.0	7.0
K01-8015	7.0	9.0	8.0	7.3	7.0	7.7	K01-E09	7.0	9.0	7.0	5.7	6.0	6.9
GUARDIAN-21 (ROBERTS DOL)	7.0	9.0	7.3	6.7	7.3	7.5	SILVERSTAR (PST-5ASR)	7.0	9.0	7.0	4.7	7.0	6.9
DAVINCI (LTP-7801)	7.0	8.7	7.0	7.3	7.0	7.4	B-7001	7.0	8.7	7.0	4.7	7.3	6.9
INFERNO (JT-99)	7.7	8.7	7.0	6.7	7.0	7.4	MASTERPIECE	7.3	8.7	6.3	5.0	7.3	6.9
K01-E03	6.7	9.0	7.3	7.3	6.7	7.4	PST-5S12	7.0	8.7	5.7	6.0	7.3	6.9
PADRE (NJ4)	7.3	9.0	7.0	6.3	7.3	7.4	RAPTOR (CIS-TF-33)	6.7	9.0	6.3	6.0	6.7	6.9
2ND MILLENNIUM	7.3	9.0	6.7	6.7	7.0	7.3	TURBO (CAS-MC1)	7.0	8.7	6.0	6.0	7.0	6.9
MUSTANG 3	7.3	9.0	7.7	5.3	7.3	7.3	PST-5JM	7.3	9.0	6.0	4.7	7.3	6.9
R-4	7.0	9.0	7.7	7.3	5.7	7.3	PST-DDL	7.0	8.3	6.0	5.7	7.3	6.9
K01-WAF	7.0	8.7	7.3	6.0	7.3	7.3	REBEL SENTRY	7.0	8.7	6.3	5.7	6.7	6.9
JUSTICE (RB2-01)	7.0	8.7	7.0	7.7	6.0	7.3	SILVERADO II (PST-578)	7.0	8.7	6.3	5.7	6.7	6.9
DYNAMIC (PST-57E)	7.3	8.7	6.3	6.0	8.0	7.3	GO-0D2	7.0	8.7	6.3	5.3	7.0	6.9
BINGO	7.0	8.7	7.0	6.0	7.3	7.2	PST-5BAB	7.0	8.7	6.3	5.3	7.0	6.9
BLACKWATCH (PICK-0D3-01)	7.0	9.0	6.7	6.3	7.0	7.2	SCORPION	7.0	8.7	6.7	5.3	6.7	6.9
CAYENNE	7.0	8.3	7.3	5.3	8.0	7.2	TAHOE (CAS-157)	7.0	8.7	6.7	5.0	7.0	6.9
COCHISE III (018)	7.0	8.7	6.7	6.3	7.3	7.2	ATF 806	7.3	8.7	5.7	5.3	7.0	6.8
DYNASTY	7.0	9.0	7.0	5.7	7.3	7.2	CIS-TF-77	7.0	9.0	6.3	5.7	6.0	6.8
FINELAWN ELITE (DLSD)	7.3	8.7	7.3	5.7	7.0	7.2	EA 163	7.0	8.7	6.0	5.0	7.3	6.8
TAR HEEL II (PST-5TR1)	7.0	9.0	6.3	6.3	7.3	7.2	FIVE POINT (MCN-RC)	7.0	8.7	5.7	6.0	6.7	6.8
BAR FA 1005	7.0	9.0	6.7	5.7	7.3	7.1	KALAHARI	6.7	8.3	6.3	6.3	6.3	6.8
ULTIMATE (01-RUTOR2)	7.0	9.0	7.3	6.0	6.3	7.1	PICK ZMG	7.0	9.0	6.7	4.3	7.0	6.8
BILTMORE	7.0	8.7	6.7	5.7	7.7	7.1	PST-5BZ	7.0	8.7	6.0	5.3	7.0	6.8
FALCON IV (F-4)	7.0	8.7	6.7	6.7	6.7	7.1	RENDITION	7.0	9.0	6.3	5.0	6.7	6.8
MAGELLAN (OD-4)	7.3	9.0	7.0	5.3	7.0	7.1	SR 8600	7.0	8.7	6.0	5.7	6.7	6.8
ATF 702	7.0	9.0	6.7	5.7	7.0	7.1	DP 50-9226	7.0	9.0	5.7	5.0	7.0	6.7
CIS-TF-67	6.7	9.0	6.7	6.0	7.0	7.1	MA 127	7.0	8.3	6.0	4.7	7.7	6.7
PST-5FZD	7.0	9.0	6.7	6.0	6.7	7.1	PST-5KU	7.0	8.3	6.3	5.0	7.0	6.7
FIDELITY (PST-5T1)	7.0	9.0	6.3	5.7	7.3	7.1	SR 8250	7.0	9.0	6.0	5.7	6.0	6.7
TITANIUM (SBM)	7.0	8.7	6.3	5.7	7.7	7.1	BARRINGTON	6.7	8.7	6.0	5.0	7.3	6.7
AVENGER (L1Z)	6.7	8.7	6.7	7.3	6.0	7.1	FOCUS	7.3	8.3	6.3	4.0	7.7	6.7
JT-12	7.3	9.0	6.3	5.7	7.0	7.1	GREMLIN (P-58)	6.7	8.7	7.0	5.7	5.7	6.7
REMBRANDT	7.3	9.0	6.3	5.7	7.0	7.1	K01-8007	7.0	8.7	7.3	6.0	4.7	6.7
SR 8550 (SRX 8BE4)	7.0	8.7	7.0	5.7	7.0	7.1	LANCER	7.0	8.3	6.3	4.3	7.7	6.7
ATF 799	7.0	8.7	6.0	6.0	7.3	7.0	PICASSO	7.0	8.0	6.3	4.7	7.7	6.7
CAS-ED	7.0	8.7	6.3	5.7	7.3	7.0	PST-53T	7.0	9.0	6.3	4.3	7.0	6.7
CIS-TF-64	7.0	9.0	6.3	5.7	7.0	7.0	PST-5NAS	7.0	9.0	6.3	4.7	6.7	6.7
COVENANT (ATF 802)	7.0	8.7	6.3	6.0	7.0	7.0	PURE GOLD	7.0	8.7	6.7	4.3	7.0	6.7
FINESSE II	7.0	9.0	7.3	5.0	6.7	7.0	CIS-TF-60	6.7	8.7	6.7	4.7	6.7	6.7
FORTE (BE-2)	7.0	8.7	7.3	5.7	6.3	7.0	MA 138	7.0	9.0	5.7	4.3	7.3	6.7
JT-15	7.0	9.0	6.7	5.3	7.0	7.0	MATADOR	7.0	8.3	6.0	5.0	7.0	6.7
PST-5KI	6.7	8.7	7.0	5.7	7.0	7.0	PICK-00-AFA	7.0	9.0	6.0	4.7	6.7	6.7
REBEL EXEDA	7.0	8.3	6.0	7.0	6.7	7.0	PROSPECT	7.0	8.7	5.3	5.7	6.7	6.7
RIVERSIDE (PROSEEDS 5301)	7.3	8.7	6.7	5.7	6.7	7.0	APACHE III (PST-5A1)	7.3	8.7	5.7	5.0	6.7	6.7
							QUEST	7.3	8.3	5.7	5.3	6.7	6.7

TABLE 18. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MI1	NE1	NJ1	NJ2	TX1	MEAN	NAME	MI1	NE1	NJ1	NJ2	TX1	MEAN
REGIMENT II (SRX 805)	7.0	8.3	6.0	5.0	7.0	6.7	NA-TDD	7.0	8.7	5.3	4.0	7.0	6.4
STETSON	7.3	8.3	6.3	3.7	7.7	6.7	OLYMPIC GOLD	7.0	8.3	5.7	4.3	6.7	6.4
TITAN LTD.	7.0	9.0	6.0	4.0	7.3	6.7	WYATT	6.7	8.3	5.3	4.7	7.0	6.4
UT-RB3	7.0	8.0	6.7	5.0	6.7	6.7	DLF-J210	7.0	8.3	5.7	3.7	7.0	6.3
DP 50-9082	7.0	9.0	6.3	4.3	6.7	6.7	DOMINION	7.0	8.7	5.7	4.7	5.7	6.3
FIREBIRD (CIS-TF-65)	7.0	9.0	6.3	5.0	6.0	6.7	MRF 211	7.0	8.0	5.3	5.0	6.3	6.3
KITTY HAWK 2000	7.0	8.7	6.0	4.3	7.3	6.7	BARRERA	7.0	8.7	5.7	3.7	6.3	6.3
WOLFPACK	7.0	9.0	6.0	4.3	7.0	6.7	COYOTE	6.7	8.7	5.3	3.7	7.0	6.3
BE1	7.0	8.7	7.0	4.7	5.7	6.6	EXPEDEITION (ATF-803)	6.7	8.7	5.3	3.7	7.0	6.3
GRANDE II	6.7	8.3	6.3	6.0	5.7	6.6	LARAMIE	7.0	9.0	5.0	3.3	7.0	6.3
JT-13	7.0	8.7	6.3	5.0	6.0	6.6	PLANTATION	7.0	8.0	5.3	4.7	6.3	6.3
JT-9	7.0	8.3	6.0	5.7	6.0	6.6	TAR HEEL	7.0	8.7	5.0	4.0	6.7	6.3
MA 158	7.0	8.7	5.3	5.0	7.0	6.6	WATCHDOG	7.0	8.3	6.7	4.7	7.7	6.2
NINJA 2 (ATF-800)	7.0	9.0	5.7	4.0	7.3	6.6	FALCON II	7.3	8.0	5.7	3.0	7.0	6.2
MATADOR GT (PST-5TU0)	7.0	8.7	6.0	5.3	6.0	6.6	BARLEXAS	6.7	8.7	5.3	3.3	7.0	6.2
TRACER	7.0	8.7	6.3	4.0	7.0	6.6	TULSA II (ATF 706)	6.7	8.7	5.3	4.0	6.3	6.2
ATF 586	7.0	8.3	5.3	5.0	7.0	6.5	ATF 704	7.0	8.3	5.3	3.7	6.3	6.1
LEGITIMATE	7.3	8.7	5.3	4.7	6.7	6.5	BAR FA 1003	7.0	8.3	4.7	3.7	7.0	6.1
MRF 29	7.0	9.0	5.7	4.3	6.7	6.5	BAR FA 1CR7	7.0	8.0	5.0	4.0	6.7	6.1
SIGNIA	7.0	8.3	6.3	5.3	5.7	6.5	BRAVO	7.0	8.3	5.3	3.3	6.7	6.1
BARLEXAS II	7.3	8.3	6.0	4.0	6.7	6.5	ENDEAVOR	6.7	8.3	5.3	3.7	6.7	6.1
JT-6	7.0	8.0	6.7	5.0	5.7	6.5	T991	7.0	8.3	4.7	3.7	7.0	6.1
MILLENNIUM	7.0	9.0	6.0	4.0	6.3	6.5	GO-SIU2	6.7	8.3	6.0	3.3	6.0	6.1
PST-5LO	7.0	8.3	6.0	5.0	6.0	6.5	TOMAHAWK GT	7.0	8.0	5.3	3.3	6.7	6.1
BLADE RUNNER (ROBERTS SM4)	7.0	8.7	5.7	4.3	6.7	6.5	SOUTH PAW (MRF 24)	7.0	9.0	4.7	2.7	6.7	6.0
MRF 210	7.0	8.7	5.7	4.0	7.0	6.5	SOUTHERN CHOICE II	6.7	8.3	5.0	3.3	6.7	6.0
MRF 26	7.0	9.0	5.3	4.0	7.0	6.5	ATF 707	7.3	8.0	4.7	2.7	7.0	5.9
PICK TF H-97	7.0	8.7	6.0	4.3	6.3	6.5	GO-RD4	7.0	8.3	4.3	2.7	7.0	5.9
STONEWALL (JT-18)	7.0	8.7	6.0	5.0	5.7	6.5	JTTFF-2000	7.0	8.3	5.0	2.7	6.3	5.9
TF66	7.0	8.7	5.7	4.0	7.0	6.5	DAYTONA (MRF 23)	7.0	8.0	4.3	2.7	6.7	5.7
TROOPER (01-TFOR3)	6.7	8.3	6.0	4.0	7.0	6.4	TEMPEST	7.3	8.0	4.7	3.0	5.7	5.7
CONSTITUTION (ATF-593)	7.3	8.3	6.0	4.0	6.3	6.4	BONSAI	7.0	8.3	4.3	3.0	5.0	5.5
ELISA	7.0	8.0	5.7	5.0	6.3	6.4	GO-FL3	7.0	8.0	4.7	3.3	4.7	5.5
JAGUAR 3	7.0	8.7	5.7	3.7	7.0	6.4	KY-31 E+	7.0	6.7	2.0	1.0	5.7	4.5
MRF 25	7.0	9.0	5.3	3.7	7.0	6.4							
MRF 27	7.0	9.0	5.7	4.7	5.7	6.4	LSD VALUE	0.6	0.7	1.4	1.4	1.6	0.5
MRF 28	7.0	8.3	6.0	4.0	6.7	6.4	C.V. (%)	4.9	5.3	14.3	18.0	14.6	11.3

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 19.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

## PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	MI2	UT1	MEAN	NAME	MI1	MI2	UT1	MEAN
TAR HEEL II (PST-5TR1)	88.3	61.7	93.3	81.1	MATADOR	86.7	46.7	91.7	75.0
GO-OD2	86.7	56.7	94.7	79.3	MRF 26	88.3	45.0	91.7	75.0
FALCON II	86.7	55.0	94.7	78.8	PST-5FZD	86.7	46.7	91.7	75.0
JAGUAR 3	88.3	51.7	96.0	78.7	PST-5JM	85.0	48.3	91.7	75.0
RIVERSIDE (PROSEEDS 5301)	83.3	58.3	93.3	78.3	PST-5S12	85.0	53.3	86.7	75.0
STETSON	86.7	53.3	94.7	78.2	WYATT	85.0	46.7	93.3	75.0
BLACKWATCH (PICK-OD3-01)	86.7	55.0	91.7	77.8	PST-5BZ	86.7	50.0	86.7	74.4
SILVERSTAR (PST-5ASR)	85.0	53.3	95.0	77.8	BARRINGTON	83.3	51.7	88.3	74.4
TF66	86.7	55.0	91.7	77.8	FORTE (BE-2)	86.7	48.3	88.3	74.4
EXPEDITION (ATF-803)	85.0	60.0	88.3	77.8	PST-DDL	88.3	41.7	93.0	74.3
MATADOR GT (PST-5TU0)	88.3	51.7	93.0	77.7	SR 8250	88.3	46.7	88.0	74.3
KO1-WAF	85.0	53.3	93.3	77.2	ATF 799	86.0	43.3	93.0	74.1
TAHOE (CAS-157)	88.3	51.7	91.7	77.2	ESCALADE (01-ORU1)	85.0	48.3	88.3	73.9
TITAN LTD.	88.3	51.7	91.7	77.2	BLADE RUNNER (ROBERTS SM4)	85.0	45.0	91.7	73.9
WOLFPACK	86.7	56.7	88.3	77.2	ELISA	85.0	45.0	91.7	73.9
DAVINCI (LTP-7801)	86.7	48.3	96.3	77.1	MILLENNIUM	85.0	45.0	91.7	73.9
CAYENNE	86.0	55.0	90.0	77.0	REBEL EXEDA	88.3	41.7	91.7	73.9
SILVERADO II (PST-578)	85.0	51.7	93.3	76.7	TOMAHAWK GT	86.7	43.3	91.7	73.9
APACHE III (PST-5A1)	83.3	53.3	93.0	76.6	CIS-TF-64	88.3	40.0	93.3	73.9
TAR HEEL	88.3	46.7	94.7	76.6	BARLEXAS	81.7	45.0	94.7	73.8
JUSTICE (RB2-01)	88.3	45.0	96.3	76.6	DLF-J210	85.0	43.3	93.0	73.8
FOCUS	86.7	51.7	90.0	76.1	JT-13	85.0	43.3	93.0	73.8
GO-FL3	86.7	48.3	93.3	76.1	ATF 702	83.3	43.3	94.7	73.8
GO-RD4	85.0	50.0	93.0	76.0	BARLEXAS II	83.3	50.0	88.0	73.8
GREMLIN (P-58)	85.0	48.3	94.7	76.0	BE1	85.0	41.7	94.7	73.8
JT-9	83.3	48.3	96.3	76.0	EA 163	83.3	43.3	94.7	73.8
FINELAWN ELITE (DLSD)	85.0	48.3	93.3	75.6	KY-31 E+	78.3	51.7	91.3	73.8
JT-6	85.0	48.3	93.3	75.6	AVENGER (L1Z)	89.3	46.7	85.0	73.7
MRF 27	83.3	51.7	91.7	75.6	ATF 586	83.3	45.0	91.7	73.3
OLYMPIC GOLD	85.0	51.7	90.0	75.6	B-7001	88.3	43.3	88.3	73.3
PADRE (NJ4)	85.0	48.3	93.3	75.6	BINGO	88.3	40.0	91.7	73.3
REMBRANDT	86.7	50.0	90.0	75.6	DOMINION	86.7	41.7	91.7	73.3
SR 8550 (SRX 8BE4)	86.7	48.3	91.7	75.6	ENDEAVOR	85.0	41.7	93.3	73.3
TEMPEST	86.7	48.3	91.7	75.6	GO-SIU2	83.3	48.3	88.3	73.3
TULSA II (ATF 706)	81.7	51.7	93.3	75.6	JTTF-2000	85.0	43.3	91.7	73.3
TITANIUM (SBM)	88.3	50.0	88.3	75.6	K01-8015	85.0	41.7	93.3	73.3
TURBO (CAS-MC1)	88.3	50.0	88.3	75.6	KALAHARI	85.0	43.3	91.7	73.3
REGIMENT II (SRX 805)	86.7	45.0	94.7	75.4	KITTY HAWK 2000	83.3	43.3	93.3	73.3
SOUTHERN CHOICE II	86.7	45.0	94.7	75.4	MRF 29	83.3	45.0	91.7	73.3
CIS-TF-77	86.7	46.7	93.0	75.4	PLANTATION	81.7	46.7	91.7	73.3
MRF 25	86.7	46.7	93.0	75.4	PST-5NAS	86.7	51.7	81.7	73.3
PICK-00-AFA	86.7	48.3	91.3	75.4	FIDELITY (PST-5T1)	81.7	46.7	91.7	73.3
BILTMORE	88.3	43.3	93.3	75.0	R-4	83.3	48.3	88.3	73.3
FIVE POINT (MCN-RC)	83.3	46.7	95.0	75.0	TROOPER (01-TFOR3)	86.7	38.3	94.7	73.2
INFERNO (JT-99)	86.7	43.3	95.0	75.0	MRF 211	85.0	38.3	96.3	73.2

TABLE 19. (CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

## PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	MI2	UT1	MEAN	NAME	MI1	MI2	UT1	MEAN
SIGNIA	81.7	45.0	93.0	73.2	JT-15	85.0	35.0	93.3	71.1
RENDITION	85.0	41.7	93.0	73.2	LANCER	86.7	33.3	93.3	71.1
PURE GOLD	86.7	35.0	97.7	73.1	MASTERPIECE	83.3	40.0	90.0	71.1
BARRERA	86.7	45.0	86.7	72.8	T991	85.0	40.0	88.3	71.1
COCHISE III (018)	85.0	53.3	80.0	72.8	K01-E09	86.7	36.7	89.7	71.0
GRANDE II	86.7	41.7	90.0	72.8	LEGITIMATE	85.0	35.0	93.0	71.0
MA 127	81.7	45.0	91.7	72.8	STONEWALL (JT-18)	85.0	35.0	93.0	71.0
ATF 704	81.7	43.3	93.3	72.8	K01-E03	85.0	40.0	86.7	70.6
CIS-TF-60	81.7	48.3	88.3	72.8	MRF 28	85.0	35.0	91.7	70.6
FINESSE II	83.3	41.7	93.3	72.8	MUSTANG 3	85.0	36.7	90.0	70.6
NA-TDD	86.7	43.3	88.3	72.8	PICASSO	86.7	33.3	91.7	70.6
RAPTOR (CIS-TF-33)	88.3	41.7	88.3	72.8	PST-5KU	85.0	41.7	85.0	70.6
BAR FA 1005	85.0	41.7	91.3	72.7	PROSPECT	83.3	33.3	94.7	70.4
MA 158	88.3	36.7	93.0	72.7	PST-5BAB	86.7	38.3	86.3	70.4
LARAMIE	86.7	38.3	91.7	72.2	COYOTE	86.7	41.7	81.7	70.0
PICK TF H-97	85.0	43.3	88.3	72.2	GUARDIAN-21 (ROBERTS DOL)	80.0	40.0	90.0	70.0
COVENANT (ATF 802)	88.3	43.3	85.0	72.2	JT-12	85.0	35.0	90.0	70.0
K01-8007	83.3	45.0	88.3	72.2	NINJA 2 (ATF-800)	85.0	36.7	88.3	70.0
PST-53T	85.0	46.7	85.0	72.2	PST-5KI	88.3	36.7	85.0	70.0
QUEST	83.3	40.0	93.3	72.2	PST-5LO	85.0	36.7	88.3	70.0
ATF 707	85.0	40.0	90.0	71.7	UT-RB3	85.0	40.0	85.0	70.0
CONSTITUTION (ATF-593)	85.0	45.0	85.0	71.7	BAR FA 1CR7	85.0	38.3	84.7	69.3
FALCON IV (F-4)	83.3	46.7	85.0	71.7	ULTIMATE (01-RUTOR2)	85.0	35.0	86.7	68.9
MRF 210	80.0	46.7	88.3	71.7	DAYTONA (MRF 23)	85.0	30.0	91.7	68.9
DYNAMIC (PST-57E)	81.7	46.7	86.7	71.7	DP 50-9082	83.3	38.3	85.0	68.9
SCORPION	83.3	43.3	88.3	71.7	CAS-ED	86.7	35.0	83.3	68.3
SOUTH PAW (MRF 24)	85.0	36.7	93.3	71.7	CIS-TF-67	85.0	40.0	80.0	68.3
SR 8600	85.0	36.7	93.3	71.7	DP 50-9226	81.7	35.0	88.3	68.3
TRACER	86.7	38.3	90.0	71.7	FIREBIRD (CIS-TF-65)	86.7	35.0	83.3	68.3
UT-155	85.0	38.3	91.7	71.7	ATF 806	83.3	31.7	85.0	66.7
DYNASTY	87.7	36.7	90.0	71.4	BONSAI	85.0	30.0	81.7	65.6
BRAVO	85.0	38.3	90.0	71.1	MAGELLAN (OD-4)	86.7	36.7	71.7	65.0
MA 138	85.0	38.3	90.0	71.1	WATCHDOG	86.7	46.7	96.3	58.2
PICK ZMG	80.0	48.3	85.0	71.1					
REBEL SENTRY	86.7	36.7	90.0	71.1	LSD VALUE	5.3	17.0	11.9	7.1
2ND MILLENNIUM	88.3	45.0	80.0	71.1	C.V. (%)	3.8	23.8	8.2	10.5
BAR FA 1003	86.7	38.3	88.3	71.1					

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

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

TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/							
NAME	MI1	UT1	MEAN	NAME	MI1	UT1	MEAN
GO-FL3	94.7	99.0	96.8	BARRINGTON	93.0	96.0	94.5
GRANDE II	94.7	99.0	96.8	BE1	90.0	99.0	94.5
DLF-J210	93.3	99.0	96.2	DAVINCI (LTP-7801)	90.0	99.0	94.5
FALCON II	93.3	99.0	96.2	ELISA	90.0	99.0	94.5
JAGUAR 3	93.3	99.0	96.2	ENDEAVOR	90.0	99.0	94.5
RIVERSIDE (PROSEEDS 5301)	93.3	99.0	96.2	FIVE POINT (MCN-RC)	90.0	99.0	94.5
SOUTHERN CHOICE II	93.3	99.0	96.2	GO-RD4	90.0	99.0	94.5
STETSON	93.3	99.0	96.2	INFERNO (JT-99)	90.0	99.0	94.5
TAHOE (CAS-157)	93.3	99.0	96.2	JTTFF-2000	90.0	99.0	94.5
JUSTICE (RB2-01)	93.0	99.0	96.0	K01-8015	90.0	99.0	94.5
MRF 26	93.3	97.7	95.5	MA 158	91.3	97.7	94.5
PST-5BAB	95.0	96.0	95.5	MATADOR	90.0	99.0	94.5
MATADOR GT (PST-5TU0)	93.3	97.7	95.5	MRF 25	90.0	99.0	94.5
SR 8250	95.0	96.0	95.5	MRF 29	90.0	99.0	94.5
T991	93.3	97.7	95.5	PICK TF H-97	90.0	99.0	94.5
WOLFPACK	93.3	97.7	95.5	PLANTATION	90.0	99.0	94.5
BLACKWATCH (PICK-0D3-01)	91.7	99.0	95.3	APACHE III (PST-5A1)	90.0	99.0	94.5
BLADE RUNNER (ROBERTS SM4)	91.7	99.0	95.3	PST-5FZD	90.0	99.0	94.5
GO-0D2	91.7	99.0	95.3	FIDELITY (PST-5T1)	90.0	99.0	94.5
JT-13	91.7	99.0	95.3	PST-DDL	90.0	99.0	94.5
LARAMIE	91.7	99.0	95.3	REGIMENT II (SRX 805)	90.0	99.0	94.5
MRF 27	91.7	99.0	95.3	SILVERSTAR (PST-5ASR)	90.0	99.0	94.5
MUSTANG 3	91.7	99.0	95.3	SOUTH PAW (MRF 24)	90.0	99.0	94.5
NA-TDD	91.7	99.0	95.3	SR 8550 (SRX 8BE4)	90.0	99.0	94.5
PADRE (NJ4)	91.7	99.0	95.3	STONEWALL (JT-18)	90.0	99.0	94.5
PURE GOLD	91.7	99.0	95.3	TITAN LTD.	90.0	99.0	94.5
REBEL EXEDA	91.7	99.0	95.3	TRACER	90.0	99.0	94.5
SIGNIA	91.7	99.0	95.3	WYATT	90.0	99.0	94.5
SILVERADO II (PST-578)	91.7	99.0	95.3	BARRERA	91.7	96.3	94.0
TAR HEEL	91.7	99.0	95.3	MRF 28	91.7	96.3	94.0
TURBO (CAS-MC1)	94.7	96.0	95.3	REBEL SENTRY	91.7	96.3	94.0
TAR HEEL II (PST-5TR1)	91.3	99.0	95.2	TITANIUM (SBM)	91.7	96.3	94.0
B-7001	91.7	97.7	94.7	ULTIMATE (01-RUTOR2)	90.0	97.7	93.8
BAR FA 1005	91.7	97.7	94.7	TROOPER (01-TFOR3)	91.7	96.0	93.8
DYNASTY	91.7	97.7	94.7	BINGO	90.0	97.7	93.8
JT-9	91.7	97.7	94.7	BONSAI	91.7	96.0	93.8
LEGITIMATE	91.7	97.7	94.7	CIS-TF-64	91.7	96.0	93.8
MRF 211	91.7	97.7	94.7	CIS-TF-77	90.0	97.7	93.8
PST-5LO	91.7	97.7	94.7	DAYTONA (MRF 23)	90.0	97.7	93.8
SR 8600	91.7	97.7	94.7	FIREBIRD (CIS-TF-65)	91.7	96.0	93.8
TOMAHAWK GT	91.7	97.7	94.7	GREMLIN (P-58)	90.0	97.7	93.8
FINESSE II	93.3	96.0	94.7	JT-15	91.7	96.0	93.8
K01-E03	93.3	96.0	94.7	JT-6	90.0	97.7	93.8
ATF 704	90.0	99.0	94.5	K01-WAF	90.0	97.7	93.8
ATF 799	90.0	99.0	94.5	MA 138	91.7	96.0	93.8

TABLE 20. (CONT'D) PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	MI1	UT1	MEAN	NAME	MI1	UT1	MEAN	
OLYMPIC GOLD	91.7	96.0	93.8	MILLENNIUM	86.7	99.0	92.8	
PST-5KU	91.7	96.0	93.8	MRF 210	86.7	99.0	92.8	
QUEST	90.0	97.7	93.8	CAS-ED	93.3	91.7	92.5	
RENDITION	90.0	97.7	93.8	CAYENNE	90.0	94.7	92.3	
TEMPEST	91.7	96.0	93.8	RAPTOR (CIS-TF-33)	91.7	93.0	92.3	
TULSA II (ATF 706)	90.0	97.7	93.8	ATF 702	88.3	96.0	92.2	
BARLEXAS	88.3	99.0	93.7	BAR FA 1003	88.3	96.0	92.2	
FINELAWN ELITE (DLSO)	88.3	99.0	93.7	CIS-TF-67	90.0	94.3	92.2	
FOCUS	88.3	99.0	93.7	CONSTITUTION (ATF-593)	90.0	94.3	92.2	
JT-12	88.3	99.0	93.7	DP 50-9082	88.3	96.0	92.2	
PICASSO	88.3	99.0	93.7	GO-SIU2	90.0	94.3	92.2	
PROSPECT	88.3	99.0	93.7	PICK-00-AFA	88.3	96.0	92.2	
SCORPION	88.3	99.0	93.7	DYNAMIC (PST-57E)	90.0	94.3	92.2	
TF66	88.3	99.0	93.7	UT-RB3	90.0	94.3	92.2	
UT-155	88.3	99.0	93.7	FORTE (BE-2)	88.3	94.7	91.5	
NINJA 2 (ATF-800)	91.7	94.7	93.2	PST-5S12	90.0	93.0	91.5	
PST-5NAS	90.0	96.3	93.2	ATF 707	86.7	96.0	91.3	
ESCALADE (01-ORU1)	90.0	96.0	93.0	COYOTE	90.0	92.7	91.3	
BARLEXAS II	91.7	94.3	93.0	EA 163	86.7	96.0	91.3	
BILTMORE	90.0	96.0	93.0	FALCON IV (F-4)	91.7	91.0	91.3	
BRAVO	90.0	96.0	93.0	PST-5BZ	86.7	96.0	91.3	
CIS-TF-60	90.0	96.0	93.0	COCHISE III (018)	88.3	94.3	91.3	
DOMINION	91.7	94.3	93.0	COVENANT (ATF 802)	88.3	94.3	91.3	
EXPEDETION (ATF-803)	91.7	94.3	93.0	KY-31 E+	83.3	99.0	91.2	
GUARDIAN-21 (ROBERTS DOL)	90.0	96.0	93.0	REMBRANDT	91.7	89.7	90.7	
K01-8007	88.3	97.7	93.0	AVENGER (L1Z)	93.0	88.0	90.5	
K01-E09	90.0	96.0	93.0	DP 50-9226	83.3	97.7	90.5	
KALAHARI	90.0	96.0	93.0	MASTERPIECE	85.0	96.0	90.5	
LANCER	90.0	96.0	93.0	BAR FA 1CR7	88.3	91.0	89.7	
MA 127	88.3	97.7	93.0	MAGELLAN (OD-4)	93.3	86.0	89.7	
PICK ZMG	90.0	96.0	93.0	ATF 806	86.7	91.7	89.2	
PST-53T	90.0	96.0	93.0	2ND MILLENNIUM	88.3	89.3	88.8	
PST-5JM	90.0	96.0	93.0	WATCHDOG	93.3	97.7	82.0	
PST-5KI	90.0	96.0	93.0					
R-4	90.0	96.0	93.0	LSD VALUE	5.5	7.5	4.7	
ATF 586	86.7	99.0	92.8	C.V. (%)	3.8	4.8	4.4	
KITTY HAWK 2000	86.7	99.0	92.8					

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. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	MI1	MI2	M01	NJ1	UT1	MEAN
BARLEXAS II	99.0	99.0	88.3	98.7	80.0	92.7	92.9
FALCON II	99.0	99.0	76.7	98.3	83.3	97.7	92.3
CIS-TF-77	98.7	99.0	86.7	97.3	81.7	89.7	92.2
R-4	99.0	97.7	76.7	97.7	88.3	93.0	92.1
GO-SIU2	99.0	99.0	81.7	97.3	86.7	88.3	92.0
SCORPION	99.0	99.0	85.0	98.7	85.0	85.0	91.9
WYATT	99.0	99.0	80.0	96.3	81.7	94.3	91.7
B-7001	98.3	99.0	80.0	96.3	90.0	86.7	91.7
BE1	98.7	98.7	68.3	99.0	86.7	97.7	91.5
ELISA	97.0	94.3	73.3	96.3	90.0	97.7	91.4
SR 8550 (SRX 8BE4)	96.3	99.0	81.3	97.7	86.7	86.7	91.3
GUARDIAN-21 (ROBERTS DOL)	99.0	99.0	71.7	96.3	85.0	96.0	91.2
REBEL SENTRY	99.0	97.7	75.0	99.0	88.3	88.0	91.2
APACHE III (PST-5A1)	99.0	99.0	76.3	99.0	83.3	89.7	91.1
KITTY HAWK 2000	98.7	99.0	76.3	97.7	80.0	94.3	91.0
TITAN LTD.	99.0	99.0	73.3	96.3	85.0	93.0	90.9
RAPTOR (CIS-TF-33)	98.7	99.0	80.0	97.7	83.3	86.7	90.9
DYNASTY	99.0	99.0	68.3	99.0	83.3	96.0	90.8
K01-8007	99.0	97.7	76.7	99.0	83.3	88.0	90.6
SILVERADO II (PST-578)	99.0	99.0	66.7	97.7	90.0	91.3	90.6
PST-5NAS	99.0	99.0	73.3	98.7	83.3	90.0	90.6
CIS-TF-67	98.3	99.0	71.7	99.0	85.0	89.7	90.4
PROSPECT	98.7	97.7	66.7	97.3	83.3	99.0	90.4
PST-5BZ	99.0	99.0	81.3	95.0	81.7	86.7	90.4
TAR HEEL II (PST-5TR1)	99.0	99.0	73.3	96.3	83.3	91.7	90.4
EXPEDITION (ATF-803)	98.7	97.7	84.7	95.0	76.7	89.7	90.4
PADRE (NJ4)	99.0	99.0	66.7	96.0	90.0	91.7	90.4
UT-155	99.0	99.0	71.3	98.3	81.7	93.0	90.4
BARLEXAS	99.0	97.7	66.7	97.7	88.3	92.7	90.3
OLYMPIC GOLD	99.0	99.0	75.0	99.0	81.7	88.3	90.3
BINGO	99.0	99.0	63.3	97.3	88.3	94.7	90.3
MATADOR	99.0	99.0	71.3	97.7	85.0	89.7	90.3
FALCON IV (F-4)	99.0	98.3	66.7	97.3	91.7	88.3	90.2
FIVE POINT (MCN-RC)	98.7	99.0	75.0	97.3	85.0	86.3	90.2
DP 50-9226	98.7	97.7	83.3	97.3	75.0	88.3	90.1
PST-5BAB	98.7	99.0	73.3	97.7	85.0	86.7	90.1
PST-5LO	98.7	99.0	73.0	96.3	86.7	86.7	90.1
FORTE (BE-2)	98.7	99.0	73.3	97.3	86.7	85.0	90.0
DLF-J210	98.7	99.0	68.3	96.0	80.0	97.7	89.9
GRANDE II	99.0	99.0	68.3	98.7	85.0	89.7	89.9
MRF 211	98.7	99.0	68.3	97.7	78.3	97.7	89.9
TULSA II (ATF 706)	99.0	99.0	71.7	97.0	83.3	89.7	89.9
MRF 25	98.7	99.0	75.0	98.7	80.0	88.0	89.9
SR 8600	99.0	99.0	71.7	96.0	81.7	91.7	89.8
STETSON	98.0	99.0	68.3	98.7	86.7	88.3	89.8

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	MI1	MI2	M01	NJ1	UT1	MEAN
FINESSE II	99.0	99.0	66.7	97.7	81.7	94.7	89.8
PST-DDL	99.0	99.0	70.0	97.7	76.7	96.3	89.8
ATF 702	99.0	99.0	68.3	97.7	85.0	89.7	89.8
BLACKWATCH (PICK-0D3-01)	99.0	97.7	78.3	97.3	76.7	89.7	89.8
PST-5S12	98.7	99.0	66.7	96.3	83.3	94.7	89.8
REMBRANDT	97.3	99.0	68.3	98.7	91.7	83.3	89.7
SILVERSTAR (PST-5ASR)	98.7	99.0	68.3	97.7	86.7	88.0	89.7
PICASSO	99.0	99.0	66.7	97.3	83.3	93.0	89.7
CAYENNE	99.0	99.0	75.0	97.0	78.3	89.7	89.7
JUSTICE (RB2-01)	96.7	94.3	65.0	97.7	91.7	92.7	89.7
MASTERPIECE	98.7	99.0	76.7	97.3	80.0	86.3	89.7
ULTIMATE (01-RUTOR2)	99.0	99.0	78.3	96.3	83.3	81.7	89.6
INFERNO (JT-99)	99.0	99.0	68.3	98.3	86.7	86.3	89.6
BARRINGTON	99.0	97.7	80.0	97.3	81.7	81.7	89.6
DAVINCI (LTP-7801)	99.0	97.7	60.0	97.3	90.0	93.0	89.5
MRF 210	98.7	99.0	70.0	98.0	76.7	94.7	89.5
MUSTANG 3	99.0	99.0	63.3	97.7	88.3	89.7	89.5
ATF 799	99.0	99.0	70.0	97.3	81.7	89.7	89.4
TURBO (CAS-MC1)	99.0	99.0	68.3	98.7	85.0	86.7	89.4
K01-WAF	99.0	99.0	65.0	98.3	83.3	91.7	89.4
REBEL EXEDA	99.0	97.7	68.3	97.7	85.0	88.3	89.3
TEMPEST	98.7	99.0	81.7	98.0	70.0	88.3	89.3
FINELAWN ELITE (DLSD)	99.0	99.0	65.0	98.7	86.7	86.3	89.1
JAGUAR 3	96.0	99.0	63.3	98.7	81.7	96.0	89.1
PST-53T	98.7	99.0	65.0	99.0	78.3	94.7	89.1
GO-FL3	99.0	99.0	71.7	96.3	85.0	83.3	89.1
PLANTATION	95.7	97.7	70.0	96.3	85.0	89.7	89.1
PURE GOLD	99.0	99.0	66.3	97.0	80.0	93.0	89.1
ESCALADE (01-ORU1)	99.0	99.0	66.7	96.3	86.7	86.3	89.0
PST-5JM	98.7	99.0	63.3	98.7	78.3	96.0	89.0
2ND MILLENNIUM	99.0	99.0	65.0	97.7	90.0	83.0	88.9
LEGITIMATE	99.0	99.0	71.7	97.7	78.3	88.0	88.9
UT-RB3	99.0	99.0	66.7	99.0	85.0	85.0	88.9
FIDELITY (PST-5T1)	99.0	99.0	63.3	99.0	86.7	86.7	88.9
MATADOR GT (PST-5TU0)	99.0	99.0	63.3	97.7	80.0	94.7	88.9
NINJA 2 (ATF-800)	98.7	97.7	61.7	99.0	83.3	93.0	88.9
JT-13	99.0	99.0	73.3	97.3	71.7	92.7	88.8
CIS-TF-64	98.7	99.0	70.0	97.7	80.0	86.7	88.7
KALAHARI	92.7	97.7	71.7	98.3	85.0	86.7	88.7
WOLFPACK	99.0	99.0	58.3	98.7	86.7	90.0	88.6
BAR FA 1005	99.0	99.0	60.0	98.7	83.3	91.7	88.6
PST-5KU	98.7	99.0	61.7	99.0	85.0	88.0	88.6
TAR HEEL	99.0	99.0	58.3	97.3	83.3	94.3	88.6
ENDEAVOR	99.0	99.0	70.0	96.3	80.0	86.7	88.5
ATF 586	97.7	99.0	68.3	99.0	75.0	91.3	88.4

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	MI1	MI2	M01	NJ1	UT1	MEAN
AVENGER (L1Z)	98.7	97.3	61.7	97.3	91.7	83.3	88.3
BILTMORE	99.0	99.0	56.7	97.3	88.3	89.7	88.3
TITANIUM (SBM)	98.7	99.0	66.7	99.0	85.0	81.7	88.3
BRAVO	99.0	99.0	66.7	98.3	83.3	83.3	88.3
SR 8250	99.0	99.0	65.0	97.0	76.7	92.7	88.2
JT-9	99.0	99.0	78.3	96.3	61.7	94.7	88.2
ATF 704	99.0	99.0	76.7	97.7	66.7	89.7	88.1
RENDITION	98.7	99.0	58.3	97.7	86.7	88.3	88.1
MILLENNIUM	99.0	99.0	63.3	99.0	81.7	86.7	88.1
FOCUS	98.7	99.0	61.7	97.3	83.3	88.0	88.0
MRF 29	98.3	99.0	70.0	98.7	68.3	93.3	87.9
DOMINION	99.0	99.0	65.0	97.7	81.7	85.0	87.9
LANCER	99.0	99.0	61.7	97.3	85.0	85.0	87.8
DYNAMIC (PST-57E)	99.0	99.0	60.0	99.0	81.7	88.3	87.8
SOUTHERN CHOICE II	99.0	99.0	70.0	96.3	66.7	96.0	87.8
TF66	99.0	99.0	68.3	97.3	75.0	88.3	87.8
COCHISE III (018)	99.0	97.7	70.0	97.3	83.3	78.3	87.6
PST-5FZD	99.0	99.0	70.0	99.0	76.7	81.7	87.6
GREMLIN (P-58)	99.0	99.0	73.0	96.0	68.3	89.7	87.5
EA 163	99.0	99.0	61.7	98.7	73.3	93.0	87.4
COYOTE	98.0	99.0	73.3	97.3	63.3	93.0	87.3
COVENANT (ATF 802)	98.7	99.0	65.0	97.7	81.7	81.7	87.3
PICK-00-AFA	99.0	99.0	61.7	96.0	76.7	91.3	87.3
PICK ZMG	99.0	99.0	56.7	97.7	80.0	91.3	87.3
CAS-ED	99.0	99.0	71.7	97.0	78.3	78.3	87.2
K01-E03	99.0	99.0	68.3	95.0	80.0	81.7	87.2
K01-E09	99.0	99.0	60.0	97.3	80.0	87.7	87.2
MAGELLAN (OD-4)	98.3	99.0	65.0	99.0	85.0	76.7	87.2
K01-8015	99.0	99.0	70.0	96.3	76.7	81.7	87.1
MA 127	98.3	99.0	60.0	97.3	80.0	88.0	87.1
FIREBIRD (CIS-TF-65)	98.3	99.0	61.7	97.0	83.3	83.0	87.1
QUEST	99.0	99.0	74.7	96.3	68.3	85.0	87.1
CIS-TF-60	96.7	99.0	73.3	97.7	76.7	78.3	86.9
GO-OD2	99.0	99.0	66.7	98.7	66.7	91.7	86.9
LARAMIE	99.0	99.0	61.7	98.7	70.0	93.0	86.9
JT-6	99.0	99.0	58.3	94.7	76.7	93.0	86.8
RIVERSIDE (PROSEEDS 5301)	99.0	99.0	66.7	97.7	76.7	81.7	86.8
JT-15	99.0	99.0	61.7	96.0	73.3	91.7	86.8
MA 158	98.0	99.0	60.0	98.7	78.3	86.3	86.7
BARRERA	98.7	97.7	61.7	98.7	78.3	85.0	86.7
BONSAI	98.7	97.7	71.7	97.3	65.0	89.7	86.7
DP 50-9082	98.7	92.7	71.7	97.3	70.0	89.7	86.7
GO-RD4	99.0	99.0	66.7	97.3	73.3	84.7	86.7
MRF 28	98.7	99.0	66.7	96.0	73.3	85.0	86.4
CONSTITUTION (ATF-593)	99.0	99.0	63.3	98.7	70.0	88.3	86.4

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	MI1	MI2	M01	NJ1	UT1	MEAN
TAHOE (CAS-157)	98.7	99.0	68.3	98.7	71.7	81.7	86.3
T991	98.3	99.0	58.3	98.7	76.7	86.7	86.3
PST-5KI	99.0	97.7	61.7	97.3	78.3	83.3	86.2
ATF 707	99.0	99.0	63.3	97.7	68.3	90.0	86.2
SIGNIA	90.0	94.3	70.0	96.0	78.3	88.3	86.2
SOUTH PAW (MRF 24)	98.7	99.0	68.3	97.7	66.7	86.7	86.2
BAR FA 1003	98.7	97.7	61.7	98.7	66.7	93.0	86.1
ATF 806	98.7	99.0	63.3	97.3	70.0	88.0	86.1
MRF 27	97.0	97.7	65.0	96.3	66.7	93.0	85.9
TRACER	98.7	97.7	63.3	97.7	75.0	83.3	85.9
TOMAHAWK GT	97.7	99.0	56.7	97.7	70.0	94.7	85.9
BLADE RUNNER (ROBERTS SM4)	98.3	99.0	56.7	95.7	78.3	86.7	85.8
JT-12	99.0	99.0	58.3	94.3	75.0	88.0	85.6
PICK TF H-97	99.0	99.0	58.3	97.0	75.0	85.0	85.6
TROOPER (01-TFOR3)	99.0	99.0	60.0	95.0	70.0	90.0	85.5
MRF 26	98.3	99.0	80.0	98.7	56.7	80.0	85.4
REGIMENT II (SRX 805)	99.0	99.0	60.0	97.7	63.3	91.3	85.1
DAYTONA (MRF 23)	99.0	97.7	70.0	96.3	61.7	83.3	84.7
BAR FA 1CR7	98.7	99.0	55.0	96.3	66.7	91.3	84.5
NA-TDD	98.7	99.0	58.3	97.3	70.0	83.0	84.4
JTTF-2000	99.0	99.0	56.7	94.3	63.3	90.0	83.7
MA 138	97.3	99.0	50.0	97.7	65.0	91.0	83.3
STONEWALL (JT-18)	98.0	99.0	50.0	95.0	70.0	88.0	83.3
KY-31 E+	96.3	98.3	66.7	94.3	53.3	86.7	82.6
WATCHDOG	88.3	99.0	73.3	99.0	81.7	93.0	80.9
LSD VALUE	3.8	2.7	19.5	3.1	16.0	12.3	4.8
C.V. (%)	2.4	1.7	17.8	2.0	12.5	8.6	8.2

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 22. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	GA1	NAME	GA1
JAGUAR 3	5.3	GO-SIU2	4.7
PST-5NAS	5.3	INFERNO (JT-99)	4.7
SOUTHERN CHOICE II	5.3	JT-15	4.7
BARLEXAS	5.0	JUSTICE (RB2-01)	4.7
BE1	5.0	K01-E03	4.7
BLACKWATCH (PICK-0D3-01)	5.0	KALAHARI	4.7
DAVINCI (LTP-7801)	5.0	LARAMIE	4.7
DOMINION	5.0	MA 138	4.7
DP 50-9082	5.0	MASTERPIECE	4.7
ELISA	5.0	MILLENNIUM	4.7
FALCON II	5.0	MRF 210	4.7
FOCUS	5.0	MRF 26	4.7
GO-0D2	5.0	MRF 27	4.7
GO-RD4	5.0	MUSTANG 3	4.7
KY-31 E+	5.0	PADRE (NJ4)	4.7
LANCER	5.0	PROSPECT	4.7
MRF 25	5.0	R-4	4.7
OLYMPIC GOLD	5.0	REMBRANDT	4.7
PICK TF H-97	5.0	SIGNIA	4.7
PST-5T1	5.0	SILVERSTAR (PST-5ASR)	4.7
REBEL EXEDA	5.0	SOUTH PAW (MRF 24)	4.7
REGIMENT II (SRX 805)	5.0	SR 8250	4.7
SILVERADO II (PST-578)	5.0	STETSON	4.7
TAR HEEL	5.0	TAHOE (CAS-157)	4.7
TF66	5.0	TEMPEST	4.7
01-RUTOR2	4.7	UT-RB3	4.7
ATF 707	4.7	WOLFPACK	4.7
ATF 806	4.7	01-ORU1	4.3
AVENGER (L1Z)	4.7	2ND MILLENNIUM	4.3
B-7001	4.7	ATF 702	4.3
BAR FA 1003	4.7	ATF 704	4.3
BAR FA 1005	4.7	BAR FA 1CR7	4.3
BINGO	4.7	BARLEXAS II	4.3
BONSAI	4.7	BARRERA	4.3
CAS-ED	4.7	BARRINGTON	4.3
CIS-TF-64	4.7	BILTMORE	4.3
COCHISE III (018)	4.7	BLADE RUNNER (ROBERTS SM4)	4.3
COYOTE	4.7	BRAVO	4.3
DAYTONA (MRF 23)	4.7	CAYENNE	4.3
DYNASTY	4.7	CIS-TF-60	4.3
ENDEAVOR	4.7	CIS-TF-67	4.3
EXPEDETION (ATF-803)	4.7	CONSTITUTION (ATF-593)	4.3
FIVE POINT (MCN-RC)	4.7	COVENANT (ATF 802)	4.3
FORTE (BE-2)	4.7	DLF-J210	4.3
		FINESSE II	4.3

TABLE 22. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	GA1	NAME	GA1
FIREBIRD (CIS-TF-65)	4.3	UT-155	4.3
GO-FL3	4.3	WYATT	4.3
GREMLIN (P-58)	4.3	01-TFOR3	4.0
GUARDIAN-21 (ROBERTS DOL)	4.3	ATF 586	4.0
JT-12	4.3	ATF 799	4.0
JTTF-2000	4.3	CIS-TF-77	4.0
K01-8007	4.3	DP 50-9226	4.0
K01-E09	4.3	EA 163	4.0
K01-WAF	4.3	FALCON IV (F-4)	4.0
LEGITIMATE	4.3	FINELAWN ELITE (DLS)	4.0
MA 158	4.3	GRANDE II	4.0
MAGELLAN (OD-4)	4.3	JT-13	4.0
MRF 211	4.3	JT-6	4.0
MRF 28	4.3	JT-9	4.0
NA-TDD	4.3	KITTY HAWK 2000	4.0
PICASSO	4.3	MA 127	4.0
PICK ZMG	4.3	MATADOR	4.0
PST-53T	4.3	MRF 29	4.0
PST-5A1	4.3	NINJA 2 (ATF-800)	4.0
PST-5FZD	4.3	PICK-00-AFA	4.0
PST-5JM	4.3	PLANTATION	4.0
PST-5KU	4.3	PST-57E	4.0
PST-5L0	4.3	PST-5BAB	4.0
PST-5S12	4.3	PST-5KI	4.0
PST-5TU0	4.3	SCORPION	4.0
PST-DDL	4.3	SR 8550 (SRX 8BE4)	4.0
PURE GOLD	4.3	SR 8600	4.0
QUEST	4.3	STONEWALL (JT-18)	4.0
REBEL SENTRY	4.3	TITAN LTD.	4.0
RENDITION	4.3	TRACER	4.0
RIVERSIDE (PROSEEDS 5301)	4.3	WATCHDOG	4.0
T991	4.3	K01-8015	3.7
TAR HEEL II (PST-5TR1)	4.3	PST-5BZ	3.7
TITANIUM (SBM)	4.3	RAPTOR (CIS-TF-33)	3.7
TOMAHAWK RT	4.3		
TULSA II (ATF 706)	4.3	LSD VALUE	0.9
TURBO (CAS-MC1)	4.3	C.V. (%)	12.4

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 23.

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	GA1	NC1	VA1	MEAN	NAME	GA1	NC1	VA1	MEAN
GO-OD2	5.0	5.7	5.0	5.2	PADRE (NJ4)	4.3	4.3	5.3	4.7
SOUTHERN CHOICE II	4.7	5.3	5.7	5.2	PST-5JM	4.0	5.3	4.7	4.7
UT-RB3	4.7	5.0	5.7	5.1	FIDELITY (PST-5T1)	4.0	5.0	5.0	4.7
BARRINGTON	4.0	5.0	6.0	5.0	MATADOR GT (PST-5TU0)	4.0	5.3	4.7	4.7
K01-E03	4.7	5.3	5.0	5.0	REBEL SENTRY	4.3	5.0	4.7	4.7
PICASSO	4.7	5.3	5.0	5.0	SILVERSTAR (PST-5ASR)	4.7	4.7	4.7	4.7
TAHOE (CAS-157)	4.7	5.3	5.0	5.0	SOUTH PAW (MRF 24)	4.3	4.7	5.0	4.7
FALCON II	4.3	5.7	4.7	4.9	TAR HEEL II (PST-5TR1)	4.3	5.0	4.7	4.7
KALAHARI	4.7	4.7	5.3	4.9	TURBO (CAS-MC1)	4.3	4.7	5.0	4.7
MRF 27	4.7	5.0	5.0	4.9	WATCHDOG	4.0	4.0	3.3	4.6
MUSTANG 3	4.0	5.0	5.7	4.9	ULTIMATE (01-RUTOR2)	4.0	4.7	5.0	4.6
TEMPEST	4.0	5.7	5.0	4.9	BARLEXAS	4.0	4.7	5.0	4.6
WYATT	4.3	5.7	4.7	4.9	BARLEXAS II	4.0	5.0	4.7	4.6
ESCALADE (01-ORU1)	4.3	5.0	5.3	4.9	DP 50-9082	4.3	4.7	4.7	4.6
GO-SIU2	4.0	5.3	5.3	4.9	FIVE POINT (MCN-RC)	4.7	4.3	4.7	4.6
MRF 29	4.3	5.3	5.0	4.9	FOCUS	4.7	4.0	5.0	4.6
OLYMPIC GOLD	4.7	5.0	4.7	4.8	K01-WAF	4.0	4.7	5.0	4.6
PST-5S12	4.0	5.7	4.7	4.8	MILLENNIUM	4.3	4.7	4.7	4.6
SR 8600	4.0	5.7	4.7	4.8	PST-5BAB	4.0	5.0	4.7	4.6
TROOPER (01-TFOR3)	4.0	5.3	5.0	4.8	REMBRANDT	4.3	4.7	4.7	4.6
BAR FA 1005	4.3	4.7	5.3	4.8	SILVERADO II (PST-578)	4.0	5.0	4.7	4.6
BAR FA 1CR7	4.0	5.3	5.0	4.8	SR 8250	4.0	5.0	4.7	4.6
BARRERA	4.0	5.3	5.0	4.8	TITANIUM (SBM)	4.0	4.7	5.0	4.6
BE1	4.7	4.3	5.3	4.8	BAR FA 1003	4.3	4.3	5.0	4.6
COYOTE	4.3	5.0	5.0	4.8	MRF 28	4.3	4.3	5.0	4.6
GO-RD4	4.3	5.3	4.7	4.8	ATF 702	4.0	5.3	4.3	4.6
JAGUAR 3	4.3	5.0	5.0	4.8	BLADE RUNNER (ROBERTS SM4)	4.0	5.3	4.3	4.6
K01-E09	4.3	5.0	5.0	4.8	BONSAI	4.0	5.3	4.3	4.6
KITTY HAWK 2000	4.3	5.3	4.7	4.8	COVENANT (ATF 802)	4.0	4.3	5.3	4.6
LANCER	4.0	5.0	5.3	4.8	GUARDIAN-21 (ROBERTS DOL)	4.0	5.3	4.3	4.6
LARAMIE	4.3	4.7	5.3	4.8	JT-12	4.3	5.0	4.3	4.6
LEGITIMATE	4.7	4.3	5.3	4.8	MAGELLAN (OD-4)	4.0	4.3	5.3	4.6
MA 127	4.0	5.0	5.3	4.8	R-4	4.3	5.0	4.3	4.6
MASTERPIECE	4.0	5.0	5.3	4.8	TULSA II (ATF 706)	4.3	5.0	4.3	4.6
PST-5NAS	4.3	4.7	5.3	4.8	BILTMORE	4.0	4.7	4.7	4.4
QUEST	4.3	5.7	4.3	4.8	DAYTONA (MRF 23)	4.0	4.7	4.7	4.4
STETSON	4.0	5.0	5.3	4.8	FINELAWN ELITE (DLSD)	4.0	4.7	4.7	4.4
2ND MILLENNIUM	4.0	4.7	5.3	4.7	MRF 25	4.0	4.7	4.7	4.4
CAS-ED	4.0	5.3	4.7	4.7	NA-TDD	4.0	4.7	4.7	4.4
EXPEDEITION (ATF-803)	4.3	5.3	4.3	4.7	APACHE III (PST-5A1)	4.0	4.7	4.7	4.4
FALCON IV (F-4)	4.3	5.3	4.3	4.7	SCORPION	4.0	4.7	4.7	4.4
MA 138	4.7	4.3	5.0	4.7	SIGNIA	4.0	4.7	4.7	4.4
MA 158	4.3	5.0	4.7	4.7	TF66	4.0	4.7	4.7	4.4
MATADOR	4.0	5.0	5.0	4.7	ATF 707	4.3	3.7	5.3	4.4
					AVENGER (L1Z)	4.3	4.3	4.7	4.4

TABLE 23. (CONT'D)

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	GA1	NC1	VA1	MEAN	NAME	GA1	NC1	VA1	MEAN
BINGO	4.0	4.0	5.3	4.4	T991	4.3	4.0	4.7	4.3
CIS-TF-77	4.0	5.3	4.0	4.4	TAR HEEL	4.7	4.7	3.7	4.3
DP 50-9226	4.0	4.3	5.0	4.4	TRACER	4.0	4.3	4.7	4.3
FORTE (BE-2)	4.7	4.3	4.3	4.4	DYNASTY	4.0	4.7	4.0	4.2
GO-FL3	4.3	4.3	4.7	4.4	ELISA	4.0	4.7	4.0	4.2
GREMLIN (P-58)	4.3	4.7	4.3	4.4	FIREBIRD (CIS-TF-65)	4.3	3.7	4.7	4.2
JT-15	4.3	4.7	4.3	4.4	JT-13	4.0	4.0	4.7	4.2
JT-6	4.0	4.3	5.0	4.4	JTTFF-2000	4.0	4.7	4.0	4.2
MRF 211	4.0	5.0	4.3	4.4	K01-8007	4.0	4.7	4.0	4.2
MRF 26	4.0	4.3	5.0	4.4	NINJA 2 (ATF-800)	4.0	4.7	4.0	4.2
PICK ZMG	4.0	4.3	5.0	4.4	DYNAMIC (PST-57E)	4.0	4.7	4.0	4.2
PST-5KI	4.3	4.7	4.3	4.4	PST-5KU	4.0	5.0	3.7	4.2
REGIMENT II (SRX 805)	4.3	4.3	4.7	4.4	UT-155	4.0	4.7	4.0	4.2
TOMAHAWK GT	4.0	5.0	4.3	4.4	BLACKWATCH (PICK-0D3-01)	4.0	4.3	4.3	4.2
WOLFPACK	4.3	5.0	4.0	4.4	EA 163	4.0	4.3	4.3	4.2
ATF 704	4.3	4.3	4.3	4.3	ENDEAVOR	4.0	4.3	4.3	4.2
BRAVO	4.0	3.7	5.3	4.3	JUSTICE (RB2-01)	4.0	4.3	4.3	4.2
CAYENNE	4.0	5.3	3.7	4.3	MRF 210	4.3	4.0	4.3	4.2
CIS-TF-60	4.0	4.3	4.7	4.3	PST-53T	4.0	4.3	4.3	4.2
CIS-TF-64	4.0	4.3	4.7	4.3	RENDITION	4.0	4.3	4.3	4.2
COCHISE III (018)	4.7	4.3	4.0	4.3	SR 8550 (SRX 8BE4)	4.0	4.3	4.3	4.2
DAVINCI (LTP-7801)	4.7	4.3	4.0	4.3	CIS-TF-67	4.3	4.0	4.0	4.1
DOMINION	4.0	4.3	4.7	4.3	CONSTITUTION (ATF-593)	4.3	4.0	4.0	4.1
FINESSE II	4.0	4.7	4.3	4.3	DLF-J210	4.0	4.0	4.3	4.1
INFERNO (JT-99)	4.3	4.0	4.7	4.3	GRANDE II	4.0	4.3	4.0	4.1
JT-9	4.3	4.7	4.0	4.3	PICK TF H-97	4.0	4.7	3.3	4.0
KY-31 E+	4.0	4.7	4.3	4.3	ATF 799	4.0	4.0	4.0	4.0
PICK-00-AFA	4.3	4.0	4.7	4.3	B-7001	4.0	4.0	4.0	4.0
PLANTATION	4.0	4.7	4.3	4.3	PURE GOLD	4.0	3.7	4.3	4.0
PROSPECT	4.0	4.7	4.3	4.3	ATF 586	4.0	4.3	3.7	4.0
PST-5BZ	4.0	5.0	4.0	4.3	ATF 806	4.3	4.0	3.7	4.0
PST-5FZD	4.3	4.3	4.3	4.3	RAPTOR (CIS-TF-33)	4.0	4.3	3.7	4.0
PST-5LO	4.3	4.7	4.0	4.3	K01-8015	4.0	3.7	3.7	3.8
PST-DDL	4.0	5.0	4.0	4.3	TITAN LTD.	4.0	3.7	3.7	3.8
REBEL EXEDA	4.3	4.7	4.0	4.3					
RIVERSIDE (PROSEEDS 5301)	4.0	4.3	4.7	4.3	LSD VALUE	0.6	1.3	1.5	0.7
STONEWALL (JT-18)	4.0	4.3	4.7	4.3	C.V. (%)	9.0	17.5	19.8	16.5

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.



TABLE 24. TYPHULA BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MA1	NAME	MA1
CONSTITUTION (ATF-593)	8.3	REBEL EXEDA	7.3
JAGUAR 3	8.3	RIVERSIDE (PROSEEDS 5301)	7.3
ENDEAVOR	8.0	STETSON	7.3
MRF 211	8.0	TAHOE (CAS-157)	7.3
PST-53T	8.0	TEMPEST	7.3
R-4	8.0	TF66	7.3
SILVERSTAR (PST-5ASR)	8.0	TITANIUM (SBM)	7.3
UT-RB3	8.0	TROOPER (01-TFOR3)	7.0
2ND MILLENNIUM	7.7	ATF 704	7.0
AVENGER (L1Z)	7.7	ATF 799	7.0
BE1	7.7	B-7001	7.0
BINGO	7.7	BARRINGTON	7.0
BONSAI	7.7	BLADE RUNNER (ROBERTS SM4)	7.0
CIS-TF-60	7.7	CIS-TF-77	7.0
CIS-TF-64	7.7	COCHISE III (018)	7.0
ELISA	7.7	COVENANT (ATF 802)	7.0
FIVE POINT (MCN-RC)	7.7	DP 50-9082	7.0
FORTE (BE-2)	7.7	DYNASTY	7.0
INFERNO (JT-99)	7.7	FINESSE II	7.0
LEGITIMATE	7.7	FOCUS	7.0
MRF 29	7.7	GO-RD4	7.0
SR 8250	7.7	GUARDIAN-21 (ROBERTS DOL)	7.0
SR 8550 (SRX 8BE4)	7.7	JT-15	7.0
SR 8600	7.7	JT-9	7.0
TAR HEEL II (PST-5TR1)	7.7	K01-8015	7.0
BAR FA 1005	7.3	K01-WAF	7.0
CAYENNE	7.3	KITTY HAWK 2000	7.0
CIS-TF-67	7.3	MAGELLAN (OD-4)	7.0
DAVINCI (LTP-7801)	7.3	MRF 28	7.0
DOMINION	7.3	NA-TDD	7.0
FALCON IV (F-4)	7.3	NINJA 2 (ATF-800)	7.0
FIREBIRD (CIS-TF-65)	7.3	OLYMPIC GOLD	7.0
GO-FL3	7.3	PICASSO	7.0
K01-E03	7.3	PICK TF H-97	7.0
K01-E09	7.3	APACHE III (PST-5A1)	7.0
MA 158	7.3	PST-5BZ	7.0
MILLENNIUM	7.3	PST-5FZD	7.0
PADRE (NJ4)	7.3	PST-5NAS	7.0
PICK ZMG	7.3	PST-5S12	7.0
DYNAMIC (PST-57E)	7.3	REMBRANDT	7.0
PST-5BAB	7.3	TAR HEEL	7.0
PST-5LO	7.3	TURBO (CAS-MC1)	7.0
FIDELITY (PST-5T1)	7.3	ESCALADE (01-ORU1)	6.7
RAPTOR (CIS-TF-33)	7.3	ULTIMATE (01-RUTOR2)	6.7
		ATF 586	6.7

TABLE 24. (CONT'D) TYPHULA BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	MA1	NAME	MA1
ATF 702	6.7	TULSA II (ATF 706)	6.3
ATF 806	6.7	WYATT	6.3
DAYTONA (MRF 23)	6.7	JT-13	6.0
DLF-J210	6.7	JT-6	6.0
GO-SIU2	6.7	JTFF-2000	6.0
GRANDE II	6.7	JUSTICE (RB2-01)	6.0
JT-12	6.7	KALAHARI	6.0
KY-31 E+	6.7	MATADOR GT (PST-5TU0)	6.0
LANCER	6.7	PURE GOLD	6.0
MASTERPIECE	6.7	QUEST	6.0
MRF 27	6.7	SIGNIA	6.0
MUSTANG 3	6.7	STONEWALL (JT-18)	6.0
PST-5KU	6.7	WOLFPACK	6.0
REBEL SENTRY	6.7	BARLEXAS II	5.7
RENDITION	6.7	BILTMORE	5.7
SCORPION	6.7	CAS-ED	5.7
SILVERADO II (PST-578)	6.7	COYOTE	5.7
SOUTHERN CHOICE II	6.7	EA 163	5.7
T991	6.7	EXPEDETION (ATF-803)	5.7
TITAN LTD.	6.7	FINELAWN ELITE (DLSD)	5.7
TRACER	6.7	MATADOR	5.7
ATF 707	6.3	PROSPECT	5.7
FALCON II	6.3	WATCHDOG	6.0
GO-OD2	6.3	BAR FA 1003	5.3
GREMLIN (P-58)	6.3	BARLEXAS	5.3
K01-8007	6.3	BRAVO	5.3
MA 127	6.3	UT-155	5.3
MA 138	6.3	BAR FA 1CR7	5.0
MRF 25	6.3	BLACKWATCH (PICK-0D3-01)	5.0
MRF 26	6.3	DP 50-9226	5.0
PICK-00-AFA	6.3	LARAMIE	5.0
PLANTATION	6.3	PST-DDL	5.0
PST-5JM	6.3	MRF 210	4.7
PST-5KI	6.3	BARRERA	4.3
REGIMENT II (SRX 805)	6.3		
SOUTH PAW (MRF 24)	6.3	LSD VALUE	2.1
TOMAHAWK GT	6.3	C.V. (%)	19.6

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 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	AR1	GA1	IL2	MA1	NJ1	NJ2	PA1	MEAN
REBEL EXEDA	7.0	7.0	8.3	8.0	6.7	6.3	8.7	7.4
KY-31 E+	8.7	7.0	7.0	8.7	6.3	5.7	7.7	7.3
PADRE (NJ4)	8.0	6.3	5.7	8.7	7.3	6.0	8.0	7.1
ENDEAVOR	8.0	6.3	6.7	9.0	6.3	5.7	7.7	7.1
OLYMPIC GOLD	8.0	6.7	6.3	8.3	6.7	5.0	8.7	7.1
TAR HEEL	7.7	6.7	6.0	9.0	6.7	5.3	8.0	7.0
PST-5S12	8.7	6.0	5.7	8.3	6.0	6.0	8.7	7.0
TAR HEEL II (PST-5TR1)	8.0	6.0	5.3	8.0	7.0	6.3	8.7	7.0
PST-5KI	8.0	6.3	5.7	8.7	6.3	5.3	8.7	7.0
TITANIUM (SBM)	7.0	6.3	6.7	8.3	6.3	5.7	8.3	7.0
DOMINION	8.0	7.3	5.7	8.0	7.0	5.0	7.7	7.0
WOLFPACK	8.3	6.7	5.3	8.0	5.3	6.7	8.3	7.0
COCHISE III (018)	7.3	6.7	5.7	8.0	6.7	6.0	8.0	6.9
MAGELLAN (OD-4)	8.3	6.3	6.3	8.3	5.7	5.3	8.0	6.9
R-4	7.3	6.3	5.3	8.7	6.3	6.3	8.0	6.9
MUSTANG 3	7.7	6.7	6.3	8.3	5.7	5.7	8.0	6.9
REMBRANDT	7.3	6.0	7.3	9.0	5.7	5.0	8.0	6.9
ATF 799	6.3	6.3	7.3	8.3	6.7	4.7	8.3	6.9
PROSPECT	7.7	6.3	6.3	9.0	5.7	5.0	8.0	6.9
PICK ZMG	8.7	6.3	5.7	8.7	6.3	4.3	7.7	6.8
PICK TF H-97	7.0	6.7	6.7	8.0	6.0	5.7	7.3	6.8
GUARDIAN-21 (ROBERTS D0L)	7.3	6.3	7.3	7.0	5.7	5.7	8.0	6.8
TURBO (CAS-MC1)	8.7	6.3	6.0	7.0	6.0	5.7	7.7	6.8
SILVERADO II (PST-578)	7.7	6.3	6.3	7.7	5.3	5.3	8.3	6.7
ESCALADE (01-ORU1)	7.3	6.7	5.3	7.0	6.3	6.3	8.0	6.7
FIDELITY (PST-5T1)	7.0	6.3	6.0	8.3	5.7	5.3	8.3	6.7
REGIMENT II (SRX 805)	8.0	6.7	7.0	8.7	5.7	4.0	7.0	6.7
CAYENNE	7.3	6.3	6.7	8.3	5.0	4.7	8.7	6.7
2ND MILLENNIUM	8.7	6.7	6.0	5.7	6.0	5.3	8.3	6.7
JUSTICE (RB2-01)	6.7	6.7	5.7	8.3	5.7	6.3	7.3	6.7
PST-5L0	7.0	6.3	6.7	7.7	6.0	4.7	8.3	6.7
APACHE III (PST-5A1)	7.7	6.0	5.7	8.7	5.7	5.0	8.0	6.7
QUEST	8.0	7.0	5.7	8.0	5.3	5.0	7.7	6.7
MASTERPIECE	7.3	7.0	6.0	8.3	5.3	5.0	7.3	6.6
PLANTATION	8.0	6.7	5.7	7.7	5.3	5.3	7.7	6.6
PST-5FZD	7.0	6.0	6.3	6.7	7.0	5.0	8.3	6.6
SILVERSTAR (PST-5ASR)	6.7	6.3	5.7	8.0	5.7	5.7	8.3	6.6
FINELAWN ELITE (DLSD)	6.7	6.3	5.7	6.0	6.3	6.7	8.3	6.6
JAGUAR 3	7.3	6.3	5.3	8.3	6.0	5.0	7.7	6.6
PST-5BAB	7.0	6.3	5.3	9.0	5.3	4.3	8.7	6.6
ULTIMATE (01-RUTOR2)	7.0	6.3	6.0	8.0	6.0	5.0	7.7	6.6
RIVERSIDE (PROSEEDS 5301)	8.0	6.0	5.3	8.3	6.7	4.7	7.0	6.6
CIS-TF-77	6.7	6.7	6.0	8.3	4.7	5.3	8.0	6.5
GO-0D2	8.0	6.0	5.3	6.7	7.0	5.3	7.3	6.5

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

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

NAME	AR1	GA1	IL2	MA1	NJ1	NJ2	PA1	MEAN
K01-WAF	7.7	6.0	5.7	8.0	4.7	6.3	7.3	6.5
GO-RD4	7.7	6.7	7.3	7.3	6.0	3.7	7.0	6.5
JT-12	6.0	7.0	6.7	8.3	6.0	4.0	7.7	6.5
DYNASTY	7.3	6.3	6.7	8.0	5.0	4.7	7.7	6.5
BAR FA 1005	8.0	5.7	6.3	5.3	5.7	6.3	8.0	6.5
BARLEXAS	6.7	6.7	5.3	8.0	4.7	5.7	8.3	6.5
MATADOR GT (PST-5TU0)	7.3	5.7	6.3	7.7	5.3	5.3	7.7	6.5
BAR FA 1003	7.7	6.7	5.7	8.0	4.7	5.7	7.0	6.5
DYNAMIC (PST-57E)	8.7	6.0	5.7	8.3	5.7	4.3	6.7	6.5
SOUTHERN CHOICE II	8.0	6.7	6.0	8.0	5.7	3.3	7.3	6.4
FIVE POINT (MCN-RC)	7.3	6.3	5.7	7.7	6.3	4.7	7.0	6.4
MILLENNIUM	8.3	6.0	7.0	8.7	5.0	2.7	7.3	6.4
PICASSO	7.7	6.0	4.3	8.7	5.0	5.0	8.3	6.4
SCORPION	7.0	6.7	6.0	9.0	5.3	3.7	7.3	6.4
MA 127	7.0	6.0	6.3	8.3	6.0	4.7	6.7	6.4
NINJA 2 (ATF-800)	7.3	6.3	5.3	9.0	5.7	3.7	7.7	6.4
BLACKWATCH (PICK-0D3-01)	6.3	5.7	5.7	7.7	5.3	5.7	8.3	6.4
INFERNO (JT-99)	7.0	6.7	6.7	6.7	6.0	4.3	7.3	6.4
BE1	8.0	6.0	6.0	7.3	5.0	5.0	7.3	6.4
CIS-TF-60	7.0	6.0	6.3	8.3	5.0	5.3	6.7	6.4
DAVINCI (LTP-7801)	6.3	7.0	5.7	8.0	5.3	4.7	7.7	6.4
RENDITION	7.3	6.0	6.0	7.7	5.7	5.0	7.0	6.4
TROOPER (01-TFOR3)	6.0	6.3	5.7	9.0	5.3	5.0	7.0	6.3
FALCON IV (F-4)	7.0	6.0	6.7	7.3	4.3	5.7	7.3	6.3
FOCUS	7.7	6.3	6.0	8.0	4.0	4.3	8.0	6.3
PICK-00-AFA	8.0	6.3	5.7	9.0	4.3	3.7	7.3	6.3
FORTE (BE-2)	6.7	5.0	6.0	8.0	4.3	5.7	8.7	6.3
SR 8250	7.3	6.3	4.7	8.3	5.0	4.7	8.0	6.3
JT-6	7.7	7.0	5.3	7.7	5.0	4.3	7.0	6.3
STONEWALL (JT-18)	6.7	6.7	5.0	9.0	5.0	4.3	7.3	6.3
B-7001	7.3	6.3	5.7	8.0	5.3	4.3	7.0	6.3
BINGO	8.0	6.3	5.3	7.7	5.0	4.3	7.3	6.3
BLADE RUNNER (ROBERTS SM4)	7.7	5.7	6.3	6.7	6.0	4.7	7.0	6.3
DP 50-9226	7.3	6.0	4.0	9.0	5.7	3.7	8.3	6.3
GREMLIN (P-58)	6.3	6.3	5.3	9.0	4.7	4.7	7.7	6.3
WYATT	7.3	6.3	6.3	9.0	4.3	3.7	7.0	6.3
TEMPEST	8.3	6.0	4.7	8.7	5.0	3.7	7.7	6.3
WATCHDOG	5.7	5.7	7.7	7.7	4.3	4.7	8.3	6.3
EA 163	7.3	6.0	5.3	7.3	6.3	5.3	6.0	6.2
KALAHARI	7.3	6.3	5.3	9.0	3.7	5.3	6.7	6.2
MA 138	6.7	6.0	6.0	8.0	5.3	4.0	7.7	6.2
PST-5BZ	7.0	6.3	4.7	8.3	5.3	4.3	7.7	6.2
SIGNIA	6.7	6.0	6.3	7.7	4.7	4.7	7.7	6.2
SR 8550 (SRX 8BE4)	7.3	7.0	6.0	6.3	4.7	4.3	8.0	6.2
TAHOE (CAS-157)	7.7	6.3	6.7	8.3	3.7	4.0	7.0	6.2

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

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

NAME	AR1	GA1	IL2	MA1	NJ1	NJ2	PA1	MEAN
ATF 704	7.7	6.7	5.3	7.0	5.7	4.3	6.7	6.2
BARRERA	6.7	6.3	5.3	8.0	5.7	4.3	7.0	6.2
PST-5NAS	7.0	6.7	6.0	7.0	4.7	3.7	8.3	6.2
UT-155	6.3	6.0	5.7	8.0	6.7	4.3	6.3	6.2
SR 8600	7.3	6.7	5.3	7.7	4.3	4.3	7.7	6.2
STETSON	7.0	7.3	4.7	7.7	4.3	4.7	7.7	6.2
UT-RB3	7.3	6.0	5.7	7.3	5.7	3.7	7.7	6.2
BARRINGTON	7.3	6.3	5.7	8.3	4.3	4.0	7.0	6.1
CAS-ED	7.0	5.7	5.3	7.7	5.0	4.7	7.7	6.1
FALCON II	7.0	6.0	5.7	8.7	5.0	3.0	7.7	6.1
GO-FL3	7.0	6.7	5.0	7.3	5.0	5.0	7.0	6.1
PST-5KU	6.3	5.7	6.3	7.7	6.3	4.0	6.3	6.1
CONSTITUTION (ATF-593)	8.3	5.7	5.0	7.0	4.7	4.3	7.7	6.1
FINESSE II	7.3	6.3	4.3	7.7	5.0	3.3	8.7	6.1
LEGITIMATE	7.7	6.3	5.3	8.7	5.3	3.7	5.7	6.1
MRF 210	7.3	6.3	5.3	8.7	4.3	3.0	7.7	6.1
RAPTOR (CIS-TF-33)	6.7	6.7	5.0	7.7	4.3	4.7	7.7	6.1
CIS-TF-67	6.3	5.3	6.3	7.7	4.3	5.0	7.3	6.0
JT-15	6.7	6.7	5.3	7.0	4.7	4.7	7.3	6.0
JT-9	7.7	6.0	5.7	8.3	3.7	4.3	6.7	6.0
MRF 28	7.0	6.0	5.3	7.0	5.7	4.3	7.0	6.0
SOUTH PAW (MRF 24)	8.0	6.7	6.0	8.3	4.3	2.0	7.0	6.0
AVENGER (L1Z)	7.0	6.0	5.3	7.0	4.3	5.7	7.0	6.0
BAR FA 1CR7	7.0	6.3	5.0	8.3	4.0	3.7	8.0	6.0
BILTMORE	7.0	5.7	6.0	8.3	3.3	4.0	8.0	6.0
LARAMIE	6.7	6.3	6.3	8.0	5.3	3.0	6.7	6.0
TRACER	6.7	5.7	5.3	7.7	5.3	3.0	8.3	6.0
BARLEXAS II	6.7	5.7	5.3	9.0	5.0	2.7	7.7	6.0
K01-E09	6.3	6.0	5.0	9.0	5.0	3.7	7.0	6.0
CIS-TF-64	7.0	6.3	5.7	7.0	5.7	3.7	6.3	6.0
ELISA	6.7	6.0	6.0	8.7	3.7	4.3	6.3	6.0
GO-SIU2	7.0	6.0	5.7	8.0	4.3	4.3	6.3	6.0
TULSA II (ATF 706)	6.7	6.0	5.7	9.0	4.3	2.7	7.3	6.0
ATF 702	7.0	6.3	5.7	8.7	5.7	2.3	6.0	6.0
BRAVO	5.7	5.7	5.0	8.0	6.3	3.3	7.7	6.0
EXPEDETION (ATF-803)	6.7	6.0	4.7	8.3	5.3	3.0	7.7	6.0
GRANDE II	6.7	6.7	5.7	8.0	5.7	2.7	6.3	6.0
PURE GOLD	7.7	6.0	5.3	7.0	5.0	4.7	6.0	6.0
TOMAHAWK GT	7.3	6.0	5.3	8.0	4.3	3.7	7.0	6.0
ATF 586	8.0	6.7	5.7	7.7	6.0	2.3	5.0	5.9
ATF 707	7.0	6.0	5.3	8.0	5.7	2.3	7.0	5.9
MRF 26	7.7	6.3	5.7	7.0	4.7	3.0	7.0	5.9
FIREBIRD (CIS-TF-65)	7.7	6.3	4.7	7.3	5.3	3.7	6.0	5.9
JT-13	7.3	5.3	5.0	7.7	5.0	2.7	8.0	5.9
DAYTONA (MRF 23)	6.7	6.3	5.0	8.3	4.0	2.7	7.7	5.8

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2003 DATA

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

NAME	AR1	GA1	IL2	MA1	NJ1	NJ2	PA1	MEAN
DLF-J210	8.0	5.7	4.7	8.0	4.3	2.3	7.7	5.8
MRF 25	7.0	5.7	6.0	7.0	4.7	3.7	6.7	5.8
TITAN LTD.	6.3	6.0	6.3	8.0	4.0	3.3	6.7	5.8
COYOTE	7.3	5.3	4.3	9.0	4.7	3.0	6.7	5.8
MA 158	5.3	6.3	5.3	7.3	5.3	3.3	7.3	5.8
MRF 27	7.3	6.0	4.7	6.7	4.7	3.3	7.7	5.8
PST-DDL	7.0	7.0	5.7	6.3	4.7	3.3	6.3	5.8
REBEL SENTRY	7.7	5.7	5.0	7.3	4.3	4.0	6.3	5.8
PST-53T	6.0	6.3	5.0	7.7	4.3	4.0	7.0	5.8
COVENANT (ATF 802)	6.3	5.7	5.3	8.7	5.7	3.0	5.3	5.7
PST-5JM	6.7	5.7	5.3	7.7	3.7	2.7	8.3	5.7
MRF 29	7.0	5.7	5.7	7.0	3.7	3.3	7.7	5.7
BONSAI	7.0	6.3	4.7	7.3	4.3	3.7	5.3	5.5
DP 50-9082	6.0	6.0	4.7	8.7	4.3	2.3	6.3	5.5
K01-8015	6.0	6.0	5.7	4.7	4.0	4.7	6.7	5.4
K01-E03	6.0	5.7	5.3	7.7	2.7	3.7	6.7	5.4
KITTY HAWK 2000	7.0	6.0	5.7	7.7	4.0	2.3	4.7	5.3
MATADOR	5.3	5.3	6.0	7.0	4.3	4.0	5.3	5.3
NA-TDD	7.3	6.0	4.3	7.0	4.0	2.0	6.3	5.3
K01-8007	6.0	6.0	5.7	5.7	2.7	4.0	6.7	5.2
MRF 211	6.0	6.0	5.7	5.3	4.7	3.0	6.0	5.2
T991	6.3	6.7	4.7	7.3	4.7	1.7	5.3	5.2
TF66	7.0	6.7	4.3	6.0	2.7	2.0	7.0	5.1
LANCER	6.7	6.3	6.3	6.3	4.3	2.3	3.3	5.1
ATF 806	6.0	5.7	5.0	6.0	4.0	3.3	5.0	5.0
JTTF-2000	5.7	5.7	5.0	6.0	4.0	2.3	5.0	4.8
LSD VALUE	1.9	1.3	2.0	2.1	2.2	1.6	1.7	0.7
C.V. (%)	16.7	12.7	21.3	16.4	25.9	23.2	14.7	18.3

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 26. PYTHIUM BLIGHT (JULY) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	NM1	NAME	NM1
TROOPER (01-TFOR3)	9.0	MRF 28	9.0
ATF 704	9.0	MUSTANG 3	9.0
B-7001	9.0	NINJA 2 (ATF-800)	9.0
BAR FA 1003	9.0	OLYMPIC GOLD	9.0
BAR FA 1005	9.0	PICASSO	9.0
BAR FA 1CR7	9.0	PICK TF H-97	9.0
BARLEXAS	9.0	PICK ZMG	9.0
BARLEXAS II	9.0	PLANTATION	9.0
BE1	9.0	PROSPECT	9.0
BONSAI	9.0	DYNAMIC (PST-57E)	9.0
BRAVO	9.0	APACHE III (PST-5A1)	9.0
CAS-ED	9.0	PST-5BAB	9.0
CAYENNE	9.0	PST-5S12	9.0
CIS-TF-67	9.0	FIDELITY (PST-5T1)	9.0
CONSTITUTION (ATF-593)	9.0	MATADOR GT (PST-5TU0)	9.0
DAYTONA (MRF 23)	9.0	PST-DDL	9.0
DLF-J210	9.0	QUEST	9.0
DOMINION	9.0	RAPTOR (CIS-TF-33)	9.0
DYNASTY	9.0	REBEL SENTRY	9.0
EA 163	9.0	REGIMENT II (SRX 805)	9.0
ELISA	9.0	RENDITION	9.0
FALCON II	9.0	RIVERSIDE (PROSEEDS 5301)	9.0
FINELAWN ELITE (DLSD)	9.0	SOUTH PAW (MRF 24)	9.0
FIREBIRD (CIS-TF-65)	9.0	SOUTHERN CHOICE II	9.0
FIVE POINT (MCN-RC)	9.0	SR 8250	9.0
FOCUS	9.0	SR 8550 (SRX 8BE4)	9.0
GO-FL3	9.0	SR 8600	9.0
GO-RD4	9.0	STETSON	9.0
GO-SIU2	9.0	TAR HEEL	9.0
GUARDIAN-21 (ROBERTS DOL)	9.0	TEMPEST	9.0
JT-12	9.0	TOMAHAWK GT	9.0
JT-15	9.0	TRACER	9.0
JT-6	9.0	TULSA II (ATF 706)	9.0
K01-E09	9.0	TURBO (CAS-MC1)	9.0
K01-WAF	9.0	UT-155	9.0
KY-31 E+	9.0	WOLFPACK	9.0
LEGITIMATE	9.0	WYATT	9.0
MA 138	9.0	ULTIMATE (01-RUTOR2)	8.7
MAGELLAN (OD-4)	9.0	ATF 586	8.7
MATADOR	9.0	ATF 707	8.7
MILLENNIUM	9.0	ATF 799	8.7
MRF 210	9.0	BARRERA	8.7
MRF 25	9.0	BARRINGTON	8.7
MRF 26	9.0	BILTMORE	8.7
MRF 27	9.0	BLADE RUNNER (ROBERTS SM4)	8.7

TABLE 26. (CONT'D) PYTHIUM BLIGHT (JULY) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	NM1	NAME	NM1
CIS-TF-64	8.7	K01-E03	8.3
CIS-TF-77	8.7	MRF 29	8.3
COCHISE III (018)	8.7	NA-TDD	8.3
COYOTE	8.7	PADRE (NJ4)	8.3
DAVINCI (LTP-7801)	8.7	PICK-00-AFA	8.3
DP 50-9082	8.7	PST-5JM	8.3
DP 50-9226	8.7	PST-5LO	8.3
ENDEAVOR	8.7	SCORPION	8.3
GO-0D2	8.7	SILVERSTAR (PST-5ASR)	8.3
GREMLIN (P-58)	8.7	TAR HEEL II (PST-5TR1)	8.3
JAGUAR 3	8.7	UT-RB3	8.3
JT-13	8.7	ESCALADE (01-ORU1)	8.0
JT-9	8.7	ATF 806	8.0
JTTFF-2000	8.7	BINGO	8.0
KALAHARI	8.7	FORTE (BE-2)	8.0
KITTY HAWK 2000	8.7	MA 158	8.0
LANCER	8.7	PST-5BZ	8.0
LARAMIE	8.7	PST-5NAS	8.0
MA 127	8.7	R-4	8.0
MASTERPIECE	8.7	REBEL EXEDA	8.0
MRF 211	8.7	TITANIUM (SBM)	8.0
PST-53T	8.7	BLACKWATCH (PICK-0D3-01)	7.7
PST-5KI	8.7	GRANDE II	7.7
PST-5KU	8.7	JUSTICE (RB2-01)	7.7
PURE GOLD	8.7	K01-8007	7.7
SIGNIA	8.7	FALCON IV (F-4)	7.3
SILVERADO II (PST-578)	8.7	INFERNO (JT-99)	7.3
STONEWALL (JT-18)	8.7	K01-8015	7.3
T991	8.7	REMBRANDT	7.3
TAHOE (CAS-157)	8.7	ATF 702	7.0
TF66	8.7	COVENANT (ATF 802)	7.0
TITAN LTD.	8.7	PST-5FZD	7.0
2ND MILLENNIUM	8.3	WATCHDOG	9.0
AVENGER (L1Z)	8.3	FINESSE II	6.7
CIS-TF-60	8.3		
EXPEDETION (ATF-803)	8.3	LSD VALUE	1.2
		C.V. (%)	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 27.

FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	GA1	TX1	MEAN	NAME	GA1	TX1	MEAN
ATF 806	8.0	8.0	8.0	B-7001	7.3	8.0	7.7
COCHISE III (018)	8.0	8.0	8.0	CIS-TF-60	7.3	8.0	7.7
DAVINCI (LTP-7801)	8.0	8.0	8.0	CIS-TF-67	7.3	8.0	7.7
MRF 28	8.0	8.0	8.0	COYOTE	7.3	8.0	7.7
PST-5KU	8.0	8.0	8.0	DAYTONA (MRF 23)	7.3	8.0	7.7
UT-RB3	8.0	8.0	8.0	EA 163	7.3	8.0	7.7
ATF 702	7.7	8.0	7.8	FIVE POINT (MCN-RC)	7.3	8.0	7.7
ATF 799	7.7	8.0	7.8	FOCUS	7.3	8.0	7.7
AVENGER (L1Z)	7.7	8.0	7.8	GREMLIN (P-58)	7.3	8.0	7.7
BARRINGTON	7.7	8.0	7.8	JTTFF-2000	7.3	8.0	7.7
BILTMORE	7.7	8.0	7.8	K01-8015	7.3	8.0	7.7
BINGO	7.7	8.0	7.8	K01-E09	7.3	8.0	7.7
BLACKWATCH (PICK-OD3-01)	7.7	8.0	7.8	MRF 25	7.3	8.0	7.7
CAS-ED	7.7	8.0	7.8	NA-TDD	7.3	8.0	7.7
CAYENNE	7.7	8.0	7.8	PADRE (NJ4)	7.3	8.0	7.7
FINESSE II	7.7	8.0	7.8	MATADOR GT (PST-5TU0)	7.3	8.0	7.7
FIREBIRD (CIS-TF-65)	7.7	8.0	7.8	PST-DDL	7.3	8.0	7.7
INFERNO (JT-99)	7.7	8.0	7.8	RAPTOR (CIS-TF-33)	7.3	8.0	7.7
MA 127	7.7	8.0	7.8	RIVERSIDE (PROSEEDS 5301)	7.3	8.0	7.7
MAGELLAN (OD-4)	7.7	8.0	7.8	SIGNIA	7.3	8.0	7.7
MRF 210	7.7	8.0	7.8	TEMPEST	7.3	8.0	7.7
MRF 26	7.7	8.0	7.8	ULTIMATE (01-RUTOR2)	7.7	7.3	7.5
MRF 27	7.7	8.0	7.8	TROOPER (01-TFOR3)	7.3	7.7	7.5
MRF 29	7.7	8.0	7.8	BAR FA 1005	7.7	7.3	7.5
DYNAMIC (PST-57E)	7.7	8.0	7.8	BAR FA 1CR7	7.0	8.0	7.5
PST-5JM	7.7	8.0	7.8	BARLEXAS II	7.0	8.0	7.5
FIDELITY (PST-5T1)	8.0	7.7	7.8	BLADE RUNNER (ROBERTS SM4)	7.3	7.7	7.5
REBEL SENTRY	7.7	8.0	7.8	CIS-TF-77	7.3	7.7	7.5
SILVERADO II (PST-578)	7.7	8.0	7.8	CONSTITUTION (ATF-593)	7.3	7.7	7.5
TURBO (CAS-MC1)	7.7	8.0	7.8	COVENANT (ATF 802)	7.0	8.0	7.5
UT-155	7.7	8.0	7.8	GO-OD2	7.0	8.0	7.5
BAR FA 1003	7.7	7.7	7.7	GUARDIAN-21 (ROBERTS D0L)	7.0	8.0	7.5
CIS-TF-64	7.7	7.7	7.7	JT-12	7.3	7.7	7.5
DOMINION	7.7	7.7	7.7	JT-13	7.0	8.0	7.5
FALCON IV (F-4)	7.7	7.7	7.7	K01-8007	7.3	7.7	7.5
FORTE (BE-2)	7.7	7.7	7.7	KITTY HAWK 2000	7.0	8.0	7.5
JT-15	7.7	7.7	7.7	MA 138	7.3	7.7	7.5
JT-6	7.7	7.7	7.7	MILLENNIUM	7.3	7.7	7.5
JT-9	7.7	7.7	7.7	MRF 211	7.3	7.7	7.5
LARAMIE	7.7	7.7	7.7	PICASSO	7.0	8.0	7.5
PROSPECT	7.7	7.7	7.7	PICK ZMG	7.3	7.7	7.5
QUEST	7.7	7.7	7.7	PLANTATION	7.0	8.0	7.5
RENDITION	7.7	7.7	7.7	PST-53T	7.3	7.7	7.5
SOUTHERN CHOICE II	7.7	7.7	7.7	APACHE III (PST-5A1)	7.3	7.7	7.5
ESCALADE (01-ORU1)	7.3	8.0	7.7	PST-5KI	7.3	7.7	7.5

TABLE 27. (CONT'D)

FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	GA1	TX1	MEAN	NAME	GA1	TX1	MEAN
PST-5NAS	7.3	7.7	7.5	ENDEAVOR	7.3	7.3	7.3
PURE GOLD	7.3	7.7	7.5	GO-RD4	7.3	7.3	7.3
R-4	7.7	7.3	7.5	K01-WAF	7.3	7.3	7.3
REBEL EXEDA	7.0	8.0	7.5	MUSTANG 3	7.3	7.3	7.3
REGIMENT II (SRX 805)	7.3	7.7	7.5	PST-5BAB	7.3	7.3	7.3
REMBRANDT	7.3	7.7	7.5	PST-5LO	7.3	7.3	7.3
SILVERSTAR (PST-5ASR)	7.3	7.7	7.5	TAR HEEL II (PST-5TR1)	7.3	7.3	7.3
SOUTH PAW (MRF 24)	7.0	8.0	7.5	TRACER	7.3	7.3	7.3
SR 8550 (SRX 8BE4)	7.0	8.0	7.5	WYATT	7.3	7.3	7.3
T991	7.3	7.7	7.5	BARRERA	7.0	7.3	7.2
TAHOE (CAS-157)	7.0	8.0	7.5	DLF-J210	7.3	7.0	7.2
TF66	7.3	7.7	7.5	DP 50-9082	7.3	7.0	7.2
TITANIUM (SBM)	7.3	7.7	7.5	EXPEDETION (ATF-803)	7.0	7.3	7.2
WATCHDOG	7.3	7.7	7.5	GO-SIU2	7.0	7.3	7.2
WOLFPACK	7.7	7.3	7.5	MATADOR	7.0	7.3	7.2
BARLEXAS	7.0	7.7	7.3	OLYMPIC GOLD	7.0	7.3	7.2
BE1	7.7	7.0	7.3	PST-5BZ	7.0	7.3	7.2
BRAVO	7.0	7.7	7.3	PST-5FZD	7.0	7.3	7.2
FINELAWN ELITE (DLSD)	7.0	7.7	7.3	SCORPION	7.0	7.3	7.2
GRANDE II	7.0	7.7	7.3	SR 8250	7.0	7.3	7.2
JAGUAR 3	7.0	7.7	7.3	STONEWALL (JT-18)	7.3	7.0	7.2
JUSTICE (RB2-01)	7.7	7.0	7.3	TAR HEEL	7.0	7.3	7.2
K01-E03	7.0	7.7	7.3	TOMAHAWK GT	7.0	7.3	7.2
KALAHARI	7.7	7.0	7.3	TULSA II (ATF 706)	7.0	7.3	7.2
LANCER	7.0	7.7	7.3	DP 50-9226	7.0	7.0	7.0
LEGITIMATE	7.0	7.7	7.3	ELISA	7.0	7.0	7.0
MA 158	7.0	7.7	7.3	FALCON II	7.0	7.0	7.0
MASTERPIECE	7.0	7.7	7.3	SR 8600	7.0	7.0	7.0
NINJA 2 (ATF-800)	7.0	7.7	7.3	STETSON	7.0	7.0	7.0
PICK TF H-97	7.0	7.7	7.3	TITAN LTD.	7.0	7.0	7.0
PICK-00-AFA	7.0	7.7	7.3	BONSAI	7.0	6.7	6.8
PST-5S12	7.0	7.7	7.3	GO-FL3	7.0	6.3	6.7
2ND MILLENNIUM	7.3	7.3	7.3	KY-31 E+	6.3	5.7	6.0
ATF 586	7.3	7.3	7.3				
ATF 704	7.3	7.3	7.3	LSD VALUE	0.8	0.7	0.5
ATF 707	7.3	7.3	7.3	C.V. (%)	6.7	5.9	6.3
DYNASTY	7.3	7.3	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 28. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	TX1	NAME	TX1
ESCALADE (01-ORU1)	8.0	SR 8550 (SRX 8BE4)	8.0
ATF 702	8.0	TAHOE (CAS-157)	8.0
B-7001	8.0	TRACER	8.0
BAR FA 1005	8.0	TURBO (CAS-MC1)	8.0
BAR FA 1CR7	8.0	UT-155	8.0
BILTMORE	8.0	ULTIMATE (01-RUTOR2)	7.7
BINGO	8.0	TROOPER (01-TFOR3)	7.7
BLADE RUNNER (ROBERTS SM4)	8.0	2ND MILLENNIUM	7.7
CAS-ED	8.0	ATF 707	7.7
CIS-TF-60	8.0	BAR FA 1003	7.7
CIS-TF-67	8.0	BARLEXAS	7.7
COCHISE III (018)	8.0	BARLEXAS II	7.7
COYOTE	8.0	BARRERA	7.7
DAYTONA (MRF 23)	8.0	BARRINGTON	7.7
EA 163	8.0	BRAVO	7.7
FINELAWN ELITE (DLSD)	8.0	CIS-TF-64	7.7
FINESSE II	8.0	DLF-J210	7.7
FIVE POINT (MCN-RC)	8.0	EXPEDETION (ATF-803)	7.7
FOCUS	8.0	FALCON II	7.7
FORTE (BE-2)	8.0	FIREBIRD (CIS-TF-65)	7.7
GO-0D2	8.0	GO-RD4	7.7
GRANDE II	8.0	GREMLIN (P-58)	7.7
GUARDIAN-21 (ROBERTS DOL)	8.0	JT-12	7.7
INFERNO (JT-99)	8.0	JT-15	7.7
JT-13	8.0	JT-9	7.7
JTTFF-2000	8.0	K01-8007	7.7
K01-E03	8.0	K01-8015	7.7
LARAMIE	8.0	K01-E09	7.7
MA 127	8.0	LANCER	7.7
MA 138	8.0	MA 158	7.7
MRF 210	8.0	MAGELLAN (OD-4)	7.7
MRF 25	8.0	MASTERPIECE	7.7
MRF 28	8.0	MATADOR	7.7
MRF 29	8.0	MILLENNIUM	7.7
NA-TDD	8.0	MRF 211	7.7
PICASSO	8.0	MRF 26	7.7
PROSPECT	8.0	MRF 27	7.7
PST-5JM	8.0	MUSTANG 3	7.7
PST-5KU	8.0	PICK ZMG	7.7
RAPTOR (CIS-TF-33)	8.0	PST-53T	7.7
REGIMENT II (SRX 805)	8.0	DYNAMIC (PST-57E)	7.7
SIGNIA	8.0	PST-5BAB	7.7
SILVERSTAR (PST-5ASR)	8.0	PST-5BZ	7.7
SOUTH PAW (MRF 24)	8.0	PST-5LO	7.7
SOUTHERN CHOICE II	8.0	PST-5S12	7.7

TABLE 28. (CONT'D) FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	TX1	NAME	TX1
MATADOR GT (PST-5TU0)	7.7	KITTY HAWK 2000	7.3
PST-DDL	7.7	LEGITIMATE	7.3
PURE GOLD	7.7	OLYMPIC GOLD	7.3
QUEST	7.7	PICK-00-AFA	7.3
REBEL EXEDA	7.7	PLANTATION	7.3
REBEL SENTRY	7.7	APACHE III (PST-5A1)	7.3
REMBRANDT	7.7	PST-5FZD	7.3
RENDITION	7.7	PST-5KI	7.3
SILVERADO II (PST-578)	7.7	PST-5NAS	7.3
SR 8250	7.7	FIDELITY (PST-5T1)	7.3
T991	7.7	R-4	7.3
TAR HEEL II (PST-5TR1)	7.7	RIVERSIDE (PROSEEDS 5301)	7.3
TEMPEST	7.7	SCORPION	7.3
TF66	7.7	STETSON	7.3
UT-RB3	7.7	STONEWALL (JT-18)	7.3
WATCHDOG	7.7	TITANIUM (SBM)	7.3
WYATT	7.7	TOMAHAWK GT	7.3
ATF 586	7.3	TULSA II (ATF 706)	7.3
ATF 704	7.3	BLACKWATCH (PICK-0D3-01)	7.0
ATF 799	7.3	DP 50-9082	7.0
ATF 806	7.3	DP 50-9226	7.0
AVENGER (L1Z)	7.3	ELISA	7.0
BE1	7.3	FALCON IV (F-4)	7.0
BONSAI	7.3	K01-WAF	7.0
CAYENNE	7.3	NINJA 2 (ATF-800)	7.0
CIS-TF-77	7.3	PADRE (NJ4)	7.0
CONSTITUTION (ATF-593)	7.3	PICK TF H-97	7.0
COVENANT (ATF 802)	7.3	SR 8600	7.0
DAVINCI (LTP-7801)	7.3	TAR HEEL	7.0
DOMINION	7.3	TITAN LTD.	7.0
DYNASTY	7.3	WOLFPACK	7.0
ENDEAVOR	7.3	GO-FL3	6.3
GO-SIU2	7.3	KY-31 E+	6.0
JAGUAR 3	7.3		
JT-6	7.3	LSD VALUE	0.7
JUSTICE (RB2-01)	7.3	C.V. (%)	6.1
KALAHARI	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 29. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	TX1	NAME	TX1
ESCALADE (01-ORU1)	8.0	GO-RD4	8.0
TROOPER (01-TFOR3)	8.0	GRANDE II	8.0
ATF 586	8.0	GREMLIN (P-58)	8.0
ATF 702	8.0	GUARDIAN-21 (ROBERTS DOL)	8.0
ATF 704	8.0	INFERNO (JT-99)	8.0
ATF 707	8.0	JAGUAR 3	8.0
ATF 799	8.0	JT-12	8.0
ATF 806	8.0	JT-13	8.0
AVENGER (L1Z)	8.0	JT-15	8.0
B-7001	8.0	JT-9	8.0
BAR FA 1003	8.0	JTTFF-2000	8.0
BAR FA 1005	8.0	K01-8015	8.0
BAR FA 1CR7	8.0	K01-E03	8.0
BARLEXAS	8.0	K01-E09	8.0
BARRERA	8.0	K01-WAF	8.0
BARRINGTON	8.0	KITTY HAWK 2000	8.0
BILTMORE	8.0	LANCER	8.0
BINGO	8.0	LARAMIE	8.0
BLACKWATCH (PICK-OD3-01)	8.0	MA 127	8.0
BLADE RUNNER (ROBERTS SM4)	8.0	MA 138	8.0
BRAVO	8.0	MA 158	8.0
CAS-ED	8.0	MAGELLAN (OD-4)	8.0
CAYENNE	8.0	MASTERPIECE	8.0
CIS-TF-60	8.0	MATADOR	8.0
CIS-TF-64	8.0	MILLENNIUM	8.0
CIS-TF-67	8.0	MRF 210	8.0
CIS-TF-77	8.0	MRF 25	8.0
COCHISE III (018)	8.0	MRF 26	8.0
CONSTITUTION (ATF-593)	8.0	MRF 27	8.0
COVENANT (ATF 802)	8.0	MRF 28	8.0
COYOTE	8.0	MRF 29	8.0
DAYTONA (MRF 23)	8.0	MUSTANG 3	8.0
DLF-J210	8.0	NA-TDD	8.0
DYNASTY	8.0	NINJA 2 (ATF-800)	8.0
EA 163	8.0	OLYMPIC GOLD	8.0
ELISA	8.0	PADRE (NJ4)	8.0
EXPEDETION (ATF-803)	8.0	PICASSO	8.0
FALCON II	8.0	PICK ZMG	8.0
FINELAWN ELITE (DLSO)	8.0	PICK-00-AFA	8.0
FINESSE II	8.0	PROSPECT	8.0
FIREBIRD (CIS-TF-65)	8.0	PST-53T	8.0
FIVE POINT (MCN-RC)	8.0	PST-5BAB	8.0
FOCUS	8.0	PST-5BZ	8.0
FORTE (BE-2)	8.0	PST-5FZD	8.0
GO-OD2	8.0	PST-5JM	8.0

TABLE 29. (CONT'D) FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

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

NAME	TX1	NAME	TX1
PST-5KI	8.0	BARLEXAS II	7.7
PST-5KU	8.0	BE1	7.7
PST-5S12	8.0	DAVINCI (LTP-7801)	7.7
FIDELITY (PST-5T1)	8.0	DOMINION	7.7
MATADOR GT (PST-5TU0)	8.0	DP 50-9226	7.7
PST-DDL	8.0	ENDEAVOR	7.7
PURE GOLD	8.0	FALCON IV (F-4)	7.7
QUEST	8.0	GO-SIU2	7.7
RAPTOR (CIS-TF-33)	8.0	JT-6	7.7
REBEL EXEDA	8.0	JUSTICE (RB2-01)	7.7
REBEL SENTRY	8.0	K01-8007	7.7
REGIMENT II (SRX 805)	8.0	LEGITIMATE	7.7
REMBRANDT	8.0	MRF 211	7.7
RENDITION	8.0	PICK TF H-97	7.7
RIVERSIDE (PROSEEDS 5301)	8.0	PLANTATION	7.7
SCORPION	8.0	DYNAMIC (PST-57E)	7.7
SIGNIA	8.0	APACHE III (PST-5A1)	7.7
SILVERSTAR (PST-5ASR)	8.0	PST-5NAS	7.7
SOUTH PAW (MRF 24)	8.0	R-4	7.7
SOUTHERN CHOICE II	8.0	SILVERADO II (PST-578)	7.7
SR 8550 (SRX 8BE4)	8.0	SR 8250	7.7
STETSON	8.0	SR 8600	7.7
STONEWALL (JT-18)	8.0	TAR HEEL	7.7
T991	8.0	TITAN LTD.	7.7
TAHOE (CAS-157)	8.0	TITANIUM (SBM)	7.7
TAR HEEL II (PST-5TR1)	8.0	UT-RB3	7.7
TEMPEST	8.0	WYATT	7.7
TF66	8.0	DP 50-9082	7.3
TOMAHAWK GT	8.0	KALAHARI	7.3
TRACER	8.0	PST-5L0	7.3
TULSA II (ATF 706)	8.0	BONSAI	7.0
TURBO (CAS-MC1)	8.0	GO-FL3	7.0
UT-155	8.0	KY-31 E+	7.0
WATCHDOG	8.0		
WOLFPACK	8.0	LSD VALUE	0.5
ULTIMATE (01-RUTOR2)	7.7	C.V. (%)	3.7
2ND MILLENNIUM	7.7		

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. SPRING COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	GA1	NAME	GA1
BLACKWATCH (PICK-0D3-01)	8.3	K01-8007	7.7
DAVINCI (LTP-7801)	8.3	K01-8015	7.7
FIDELITY (PST-5T1)	8.3	K01-E03	7.7
ULTIMATE (01-RUTOR2)	8.0	MA 127	7.7
AVENGER (L1Z)	8.0	MA 138	7.7
BAR FA 1005	8.0	MA 158	7.7
BARRINGTON	8.0	MILLENNIUM	7.7
COCHISE III (018)	8.0	MRF 27	7.7
DOMINION	8.0	MUSTANG 3	7.7
FIVE POINT (MCN-RC)	8.0	NA-TDD	7.7
FORTE (BE-2)	8.0	OLYMPIC GOLD	7.7
GO-OD2	8.0	PADRE (NJ4)	7.7
GREMLIN (P-58)	8.0	PST-53T	7.7
INFERNO (JT-99)	8.0	PST-5KI	7.7
JT-15	8.0	PST-5KU	7.7
KALAHARI	8.0	PST-5NAS	7.7
LARAMIE	8.0	PST-DDL	7.7
PICASSO	8.0	QUEST	7.7
R-4	8.0	REBEL EXEDA	7.7
REBEL SENTRY	8.0	SIGNIA	7.7
REGIMENT II (SRX 805)	8.0	SILVERADO II (PST-578)	7.7
SILVERSTAR (PST-5ASR)	8.0	SOUTH PAW (MRF 24)	7.7
UT-RB3	8.0	SOUTHERN CHOICE II	7.7
ATF 702	7.7	T991	7.7
ATF 704	7.7	TAHOE (CAS-157)	7.7
ATF 799	7.7	TF66	7.7
ATF 806	7.7	UT-155	7.7
B-7001	7.7	ESCALADE (01-ORU1)	7.3
BAR FA 1003	7.7	ATF 707	7.3
BAR FA 1CR7	7.7	BARLEXAS	7.3
BARLEXAS II	7.7	BARRERA	7.3
BE1	7.7	BLADE RUNNER (ROBERTS SM4)	7.3
BINGO	7.7	CAS-ED	7.3
CIS-TF-60	7.7	CAYENNE	7.3
CIS-TF-77	7.7	CIS-TF-64	7.3
CONSTITUTION (ATF-593)	7.7	COYOTE	7.3
DP 50-9082	7.7	DAYTONA (MRF 23)	7.3
EXPEDITION (ATF-803)	7.7	DYNASTY	7.3
FINESSE II	7.7	EA 163	7.3
FIREBIRD (CIS-TF-65)	7.7	FALCON IV (F-4)	7.3
FOCUS	7.7	FINELAWN ELITE (DLSD)	7.3
GO-RD4	7.7	GRANDE II	7.3
JT-6	7.7	JT-12	7.3
JUSTICE (RB2-01)	7.7	JT-13	7.3
		JT-9	7.3

TABLE 30. (CONT'D) SPRING COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2003 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	GA1	NAME	GA1
JTTF-2000	7.3	BILTMORE	7.0
K01-E09	7.3	BONSAI	7.0
K01-WAF	7.3	BRAVO	7.0
LANCER	7.3	CIS-TF-67	7.0
MAGELLAN (OD-4)	7.3	COVENANT (ATF 802)	7.0
MATADOR	7.3	DLF-J210	7.0
MRF 210	7.3	DP 50-9226	7.0
MRF 211	7.3	ENDEAVOR	7.0
MRF 26	7.3	FALCON II	7.0
MRF 28	7.3	GUARDIAN-21 (ROBERTS DOL)	7.0
MRF 29	7.3	JAGUAR 3	7.0
NINJA 2 (ATF-800)	7.3	KITTY HAWK 2000	7.0
PICK TF H-97	7.3	LEGITIMATE	7.0
PROSPECT	7.3	MASTERPIECE	7.0
DYNAMIC (PST-57E)	7.3	MRF 25	7.0
APACHE III (PST-5A1)	7.3	PICK ZMG	7.0
PST-5BZ	7.3	PICK-00-AFA	7.0
PST-5FZD	7.3	PST-5BAB	7.0
PST-5JM	7.3	STETSON	7.0
PST-5LO	7.3	TAR HEEL II (PST-5TR1)	7.0
PURE GOLD	7.3	TITAN LTD.	7.0
RAPTOR (CIS-TF-33)	7.3	TITANIUM (SBM)	7.0
REMBRANDT	7.3	TURBO (CAS-MC1)	7.0
RENDITION	7.3	WOLFPACK	7.0
RIVERSIDE (PROSEEDS 5301)	7.3	WYATT	7.0
SCORPION	7.3	TROOPER (01-TFOR3)	6.7
SR 8250	7.3	ELISA	6.7
SR 8550 (SRX 8BE4)	7.3	GO-FL3	6.7
SR 8600	7.3	PST-5S12	6.7
STONEWALL (JT-18)	7.3	MATADOR GT (PST-5TU0)	6.7
TAR HEEL	7.3	GO-SIU2	6.3
TEMPEST	7.3	KY-31 E+	6.3
TRACER	7.3	PLANTATION	6.3
TULSA II (ATF 706)	7.3	TOMAHAWK GT	6.3
WATCHDOG	7.3		
2ND MILLENNIUM	7.0	LSD VALUE	1.2
ATF 586	7.0	C.V. (%)	10.3

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 31.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
 AT RALEIGH, NC 1/  
 2003 DATA

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

NAME	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
DP 50-9226	8.7	8.7	8.0	8.0	7.3	9.0	8.3
KY-31 E+	9.0	8.7	7.3	7.7	7.7	8.7	8.2
STONEWALL (JT-18)	9.0	8.7	8.7	6.7	7.0	9.0	8.2
2ND MILLENNIUM	9.0	8.7	8.0	7.3	6.7	9.0	8.1
AVENGER (L1Z)	8.7	8.3	7.7	7.7	7.0	9.0	8.1
NINJA 2 (ATF-800)	9.0	8.7	7.7	7.3	7.0	9.0	8.1
PST-5BAB	9.0	8.0	7.7	7.7	7.0	9.0	8.1
QUEST	8.7	8.3	8.3	7.3	6.7	9.0	8.1
BLACKWATCH (PICK-OD3-01)	9.0	8.7	8.0	7.0	6.3	9.0	8.0
CAS-ED	9.0	8.3	8.0	7.7	6.0	9.0	8.0
EXPEDETION (ATF-803)	8.7	8.7	7.7	7.3	7.0	8.7	8.0
FALCON IV (F-4)	9.0	8.3	7.7	7.7	6.3	9.0	8.0
JT-6	8.7	8.3	8.0	7.3	6.7	9.0	8.0
MRF 28	8.7	8.7	8.0	7.3	6.3	9.0	8.0
R-4	9.0	8.7	7.7	7.0	6.7	9.0	8.0
BARRERA	8.7	7.7	7.7	8.0	6.3	9.0	7.9
CIS-TF-67	9.0	8.0	8.0	7.0	6.3	9.0	7.9
COCHISE III (018)	8.7	8.0	8.0	7.7	6.3	9.0	7.9
COYOTE	8.7	8.3	7.7	7.0	7.0	9.0	7.9
DAVINCI (LTP-7801)	8.7	8.3	7.3	7.7	6.3	9.0	7.9
DYNASTY	9.0	8.3	8.0	6.3	7.0	8.7	7.9
FIREBIRD (CIS-TF-65)	9.0	8.3	7.7	7.0	6.3	9.0	7.9
FOCUS	8.7	8.3	8.3	6.7	6.7	9.0	7.9
INFERNO (JT-99)	8.7	8.7	7.7	7.3	6.3	9.0	7.9
JAGUAR 3	9.0	7.7	8.3	7.3	6.0	9.0	7.9
JT-12	9.0	8.0	7.7	7.0	7.0	9.0	7.9
JT-13	9.0	8.3	8.0	7.0	6.0	9.0	7.9
JT-15	8.7	8.0	7.7	7.3	6.7	9.0	7.9
JUSTICE (RB2-01)	9.0	8.0	8.0	7.0	6.7	9.0	7.9
K01-8015	8.7	8.3	7.7	7.0	6.7	9.0	7.9
K01-E03	9.0	8.3	7.0	7.3	6.7	9.0	7.9
MA 127	9.0	8.0	7.7	7.3	6.3	9.0	7.9
MILLENNIUM	8.3	8.7	8.0	6.7	6.7	9.0	7.9
MRF 210	8.3	8.0	8.0	8.0	6.3	9.0	7.9
MRF 211	8.3	8.0	7.7	7.7	7.0	9.0	7.9
MRF 25	9.0	8.3	8.0	7.0	6.3	9.0	7.9
MRF 26	9.0	8.7	8.0	6.7	6.0	9.0	7.9
MRF 27	9.0	8.3	7.7	7.0	6.7	9.0	7.9
MRF 29	8.7	8.3	8.0	7.0	6.7	9.0	7.9
MUSTANG 3	9.0	8.7	7.7	7.0	6.3	9.0	7.9
PICASSO	8.3	8.0	7.7	7.3	7.0	9.0	7.9
PST-5BZ	9.0	7.7	8.0	7.3	6.3	9.0	7.9
PST-5S12	8.7	7.3	7.7	7.3	7.3	9.0	7.9
REBEL EXEDA	9.0	8.3	8.0	6.7	6.7	9.0	7.9
SILVERADO II (PST-578)	8.7	7.7	8.0	7.0	7.3	9.0	7.9

TABLE 31. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
 AT RALEIGH, NC 1/  
 2003 DATA

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

NAME	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
SOUTH PAW (MRF 24)	9.0	8.3	7.7	7.0	6.7	9.0	7.9
TAHOE (CAS-157)	8.7	8.0	7.7	7.3	7.0	8.7	7.9
TAR HEEL II (PST-5TR1)	8.7	8.3	7.3	6.7	7.3	9.0	7.9
TURBO (CAS-MC1)	8.3	7.7	8.3	7.3	7.0	9.0	7.9
TROOPER (01-TFOR3)	8.7	7.7	6.7	7.3	7.7	9.0	7.8
BAR FA 1003	9.0	8.0	7.7	6.7	6.3	9.0	7.8
BAR FA 1CR7	8.7	8.0	7.7	7.0	6.7	9.0	7.8
BARLEXAS	9.0	7.3	7.7	7.3	6.3	9.0	7.8
BARRINGTON	8.7	7.7	7.7	7.7	6.0	9.0	7.8
BLADE RUNNER (ROBERTS SM4)	9.0	8.3	8.0	6.7	6.0	9.0	7.8
BONSAI	8.0	8.0	7.7	7.3	7.3	8.7	7.8
CAYENNE	8.7	8.0	8.0	7.0	6.0	9.0	7.8
DOMINION	9.0	8.3	7.7	7.0	6.0	8.7	7.8
EA 163	8.7	8.0	7.7	7.3	6.0	9.0	7.8
ELISA	9.0	8.0	7.3	6.7	7.0	8.7	7.8
FINELAWN ELITE (DLSD)	9.0	8.3	7.0	7.3	6.3	9.0	7.8
FIVE POINT (MCN-RC)	9.0	8.0	7.7	7.0	6.0	9.0	7.8
GREMLIN (P-58)	9.0	8.0	7.7	7.0	6.3	9.0	7.8
JTTFF-2000	9.0	8.3	7.7	7.0	6.3	8.7	7.8
K01-8007	8.7	8.3	7.3	7.0	6.7	9.0	7.8
K01-E09	9.0	8.0	7.3	7.0	7.0	8.7	7.8
K01-WAF	9.0	7.7	6.7	7.0	7.3	9.0	7.8
KALAHARI	8.3	7.7	7.7	7.0	7.3	9.0	7.8
LARAMIE	9.0	7.7	8.0	7.0	6.0	9.0	7.8
MASTERPIECE	8.3	8.0	7.7	7.0	6.7	9.0	7.8
PROSPECT	8.7	8.3	7.7	7.0	6.3	9.0	7.8
PST-53T	9.0	8.0	7.7	7.3	6.0	8.7	7.8
DYNAMIC (PST-57E)	8.7	7.7	8.0	7.3	6.3	9.0	7.8
APACHE III (PST-5A1)	8.7	7.3	7.7	7.3	7.0	9.0	7.8
MATADOR GT (PST-5TU0)	8.3	7.3	7.7	7.3	7.0	9.0	7.8
PST-DDL	8.7	8.0	7.7	6.7	7.0	8.7	7.8
PURE GOLD	8.7	8.0	7.7	7.0	6.3	9.0	7.8
RAPTOR (CIS-TF-33)	9.0	8.3	7.3	6.7	6.7	9.0	7.8
REBEL SENTRY	8.7	8.3	7.7	6.7	6.7	9.0	7.8
REGIMENT II (SRX 805)	8.0	8.0	7.3	7.3	7.0	9.0	7.8
RIVERSIDE (PROSEEDS 5301)	9.0	8.0	8.0	6.7	6.0	9.0	7.8
SIGNIA	8.7	8.0	7.0	7.3	7.0	9.0	7.8
SOUTHERN CHOICE II	8.7	7.7	7.7	7.3	6.7	9.0	7.8
T991	8.7	7.7	8.0	7.3	6.3	9.0	7.8
TF66	8.7	7.7	8.0	7.3	6.3	9.0	7.8
TOMAHAWK GT	9.0	8.0	7.3	7.0	6.7	9.0	7.8
TRACER	9.0	7.0	8.0	7.7	6.3	9.0	7.8
UT-155	8.7	8.0	7.7	7.3	6.3	9.0	7.8
WOLFPACK	9.0	7.3	8.0	7.3	6.0	9.0	7.8
ESCALADE (01-ORU1)	8.3	7.7	7.0	7.3	7.0	8.7	7.7

TABLE 31. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT RALEIGH, NC 1/  
2003 DATA

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

NAME	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
ULTIMATE (01-RUTOR2)	8.0	7.0	7.0	7.3	7.7	9.0	7.7
ATF 702	9.0	8.7	7.0	6.7	5.7	9.0	7.7
ATF 806	8.7	8.3	7.3	6.7	6.0	9.0	7.7
BAR FA 1005	9.0	7.7	7.3	6.7	6.7	8.7	7.7
CIS-TF-60	9.0	7.7	7.7	7.0	5.7	9.0	7.7
CIS-TF-77	9.0	8.3	7.3	6.7	6.0	9.0	7.7
DAYTONA (MRF 23)	8.3	8.0	7.7	7.0	6.0	9.0	7.7
FORTE (BE-2)	8.3	8.0	7.3	6.7	6.7	9.0	7.7
GO-OD2	8.7	8.3	7.7	6.3	6.3	9.0	7.7
GUARDIAN-21 (ROBERTS DOL)	9.0	7.7	8.0	6.7	5.7	9.0	7.7
JT-9	8.7	8.0	7.7	6.7	6.0	9.0	7.7
MA 158	8.7	7.7	7.3	7.0	6.7	8.7	7.7
MAGELLAN (OD-4)	9.0	8.0	7.0	7.0	6.0	9.0	7.7
NA-TDD	8.3	8.0	7.7	6.7	6.3	9.0	7.7
OLYMPIC GOLD	9.0	8.3	7.0	6.7	6.3	9.0	7.7
PADRE (NJ4)	8.7	7.7	7.7	7.7	5.7	9.0	7.7
PICK TF H-97	8.7	7.7	7.7	7.0	6.3	9.0	7.7
PICK-00-AFA	9.0	7.7	7.3	7.0	6.3	9.0	7.7
PST-5KU	9.0	7.7	8.0	7.0	5.7	9.0	7.7
PST-5NAS	9.0	7.3	8.3	7.0	6.0	8.7	7.7
REMBRANDT	8.7	8.0	7.0	6.7	6.7	9.0	7.7
SILVERSTAR (PST-5ASR)	8.7	8.0	7.7	7.0	6.0	9.0	7.7
SR 8250	8.7	8.3	7.3	6.7	6.7	8.7	7.7
SR 8550 (SRX 8BE4)	8.0	7.3	7.3	7.0	7.3	9.0	7.7
TEMPEST	8.3	8.0	7.7	7.3	6.0	9.0	7.7
UT-RB3	8.3	7.7	7.0	6.7	7.3	9.0	7.7
WATCHDOG	9.0	8.0	7.7	6.3	6.3	9.0	7.7
WYATT	8.7	8.0	7.3	7.0	6.7	8.3	7.7
ATF 707	9.0	8.3	7.3	6.7	5.3	9.0	7.6
ATF 799	8.7	8.3	7.3	6.3	5.7	9.0	7.6
BARLEXAS II	8.7	8.0	7.7	7.0	5.3	9.0	7.6
BE1	8.3	7.0	6.7	7.0	7.7	9.0	7.6
BILTMORE	8.7	8.0	7.3	6.7	6.0	8.7	7.6
BINGO	8.7	8.0	7.0	7.0	5.7	9.0	7.6
CIS-TF-64	8.7	7.7	6.7	6.3	7.0	9.0	7.6
CONSTITUTION (ATF-593)	9.0	7.3	6.7	7.0	6.7	9.0	7.6
DP 50-9082	8.3	8.0	7.3	7.0	6.7	8.3	7.6
ENDEAVOR	9.0	7.3	7.7	7.0	5.7	9.0	7.6
FINESSE II	8.3	8.0	7.0	6.7	6.3	9.0	7.6
GO-FL3	8.3	7.7	7.0	7.0	6.7	9.0	7.6
GO-RD4	8.3	8.0	7.3	6.7	6.3	8.7	7.6
GO-SIU2	8.3	7.3	7.3	6.7	7.0	8.7	7.6
GRANDE II	8.7	7.7	7.7	6.7	6.0	9.0	7.6
KITTY HAWK 2000	8.3	8.0	7.0	6.7	6.3	9.0	7.6
LEGITIMATE	8.3	8.0	7.0	6.7	6.3	9.0	7.6

TABLE 31. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT RALEIGH, NC 1/  
2003 DATA

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

NAME	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
MA 138	8.7	7.7	7.7	6.7	6.0	9.0	7.6
MATADOR	8.7	7.3	7.3	6.7	6.3	9.0	7.6
PICK ZMG	9.0	7.7	7.7	6.7	5.7	9.0	7.6
PLANTATION	8.7	7.7	7.7	6.7	6.0	9.0	7.6
PST-5FZD	8.0	7.3	7.7	6.7	6.7	9.0	7.6
PST-5JM	9.0	7.3	7.0	6.7	6.7	9.0	7.6
PST-5LO	8.3	7.0	7.0	7.0	7.0	9.0	7.6
FIDELITY (PST-5T1)	9.0	7.3	7.7	7.0	5.7	9.0	7.6
RENDITION	8.3	7.0	7.7	7.0	6.3	9.0	7.6
SR 8600	8.3	7.7	7.3	7.7	5.3	9.0	7.6
TAR HEEL	8.7	7.7	7.3	7.0	6.0	9.0	7.6
TITANIUM (SBM)	9.0	8.0	7.3	6.7	6.0	8.7	7.6
TULSA II (ATF 706)	9.0	8.7	7.0	6.3	5.7	9.0	7.6
B-7001	8.3	7.0	7.0	6.7	7.3	8.7	7.5
LANCER	8.3	8.0	6.7	6.7	6.3	9.0	7.5
TITAN LTD.	8.3	8.0	7.0	6.3	6.3	9.0	7.5
ATF 586	8.0	8.0	6.7	7.0	6.0	9.0	7.4
ATF 704	8.7	8.3	7.0	6.3	5.0	9.0	7.4
BRAVO	8.3	8.0	7.0	6.7	5.7	8.7	7.4
DLF-J210	7.7	7.3	7.3	7.0	6.3	9.0	7.4
FALCON II	7.7	7.3	7.3	6.7	6.3	9.0	7.4
PST-5KI	8.3	7.3	6.7	6.7	6.3	9.0	7.4
SCORPION	9.0	7.0	7.3	6.7	5.7	9.0	7.4
COVENANT (ATF 802)	7.3	7.3	6.7	7.0	6.7	9.0	7.3
STETSON	7.7	7.0	6.7	6.3	5.7	8.7	7.0
LSD VALUE	3.4	3.1	2.2	3.5	2.6	1.5	0.9
C.V. (%)	7.0	9.1	8.5	9.3	12.4	2.8	3.7

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

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

TABLE 32.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
2003 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
TAR HEEL II (PST-5TR1)	8.7	8.7	8.7	TURBO (CAS-MC1)	7.7	6.3	7.0
PADRE (NJ4)	8.3	8.0	8.2	ESCALADE (01-ORU1)	7.7	6.0	6.8
FIDELITY (PST-5T1)	8.3	8.0	8.2	BARRINGTON	7.7	6.0	6.8
BLACKWATCH (PICK-0D3-01)	8.3	7.7	8.0	BE1	8.0	5.7	6.8
PST-5S12	8.3	7.7	8.0	DOMINION	7.3	6.3	6.8
ULTIMATE (01-RUTOR2)	8.3	7.3	7.8	DP 50-9226	7.3	6.3	6.8
BAR FA 1005	8.3	7.3	7.8	EA 163	7.3	6.3	6.8
KY-31 E+	8.7	7.0	7.8	EXPEDETION (ATF-803)	7.7	6.0	6.8
APACHE III (PST-5A1)	8.7	7.0	7.8	FINELAWN ELITE (DLS)	8.3	5.3	6.8
R-4	8.7	7.0	7.8	GO-0D2	7.7	6.0	6.8
TITANIUM (SBM)	8.3	7.3	7.8	GREMLIN (P-58)	8.0	5.7	6.8
CAYENNE	8.0	7.3	7.7	INFERNO (JT-99)	8.7	5.0	6.8
FALCON IV (F-4)	8.7	6.7	7.7	KO1-8007	7.7	6.0	6.8
MASTERPIECE	8.3	7.0	7.7	MA 158	7.3	6.3	6.8
RAPTOR (CIS-TF-33)	8.0	7.3	7.7	MRF 28	7.3	6.3	6.8
AVENGER (L1Z)	8.7	6.3	7.5	PROSPECT	7.7	6.0	6.8
JAGUAR 3	7.7	7.3	7.5	PST-5NAS	7.7	6.0	6.8
JUSTICE (RB2-01)	8.0	7.0	7.5	SR 8600	7.3	6.3	6.8
MAGELLAN (OD-4)	8.0	7.0	7.5	TAR HEEL	8.0	5.7	6.8
PST-5KI	7.7	7.3	7.5	UT-RB3	8.0	5.7	6.8
ATF 799	8.0	6.7	7.3	B-7001	8.0	5.3	6.7
BAR FA 1003	8.3	6.3	7.3	BINGO	8.0	5.3	6.7
DAVINCI (LTP-7801)	8.3	6.3	7.3	CAS-ED	8.0	5.3	6.7
2ND MILLENNIUM	8.3	6.0	7.2	GO-FL3	7.3	6.0	6.7
CIS-TF-67	8.0	6.3	7.2	GUARDIAN-21 (ROBERTS DOL)	8.0	5.3	6.7
CIS-TF-77	8.3	6.0	7.2	JT-12	7.3	6.0	6.7
MA 138	7.7	6.7	7.2	NINJA 2 (ATF-800)	7.3	6.0	6.7
MRF 29	7.3	7.0	7.2	PST-5KU	7.3	6.0	6.7
MUSTANG 3	7.7	6.7	7.2	REBEL EXEDA	8.0	5.3	6.7
PST-5BZ	8.0	6.3	7.2	RIVERSIDE (PROSEEDS 5301)	7.7	5.7	6.7
PST-5LO	8.0	6.3	7.2	SCORPION	8.0	5.3	6.7
SILVERADO II (PST-578)	7.7	6.7	7.2	CIS-TF-60	7.3	5.7	6.5
SR 8250	7.7	6.7	7.2	ELISA	8.0	5.0	6.5
SR 8550 (SRX 8BE4)	8.0	6.3	7.2	MRF 211	7.0	6.0	6.5
WOLFPACK	7.7	6.7	7.2	OLYMPIC GOLD	7.3	5.7	6.5
COCHISE III (018)	8.0	6.0	7.0	PICASSO	7.3	5.7	6.5
DP 50-9082	7.3	6.7	7.0	PICK ZMG	7.7	5.3	6.5
DYNASTY	7.7	6.3	7.0	PST-5FZD	7.3	5.7	6.5
KO1-8015	7.7	6.3	7.0	TAHOE (CAS-157)	7.7	5.3	6.5
KO1-WAF	7.7	6.3	7.0	TRACER	7.7	5.3	6.5
PST-5BAB	8.0	6.0	7.0	TULSA II (ATF 706)	7.3	5.7	6.5
REGIMENT II (SRX 805)	7.3	6.7	7.0	WATCHDOG	7.3	5.7	6.5
REMBRANDT	7.7	6.3	7.0	WYATT	7.0	6.0	6.5
SILVERSTAR (PST-5ASR)	7.7	6.3	7.0	BLADE RUNNER (ROBERTS SM4)	7.3	5.3	6.3
TF66	8.0	6.0	7.0	BRAVO	7.0	5.7	6.3

TABLE 32. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT BLACKSBURG, VA 1/  
2003 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
FIREBIRD (CIS-TF-65)	7.0	5.7	6.3	QUEST	7.0	4.7	5.8
GRANDE II	7.0	5.7	6.3	ATF 707	6.7	4.7	5.7
MATADOR GT (PST-5TU0)	7.3	5.3	6.3	BONSAI	6.7	4.7	5.7
SOUTHERN CHOICE II	7.3	5.3	6.3	CONSTITUTION (ATF-593)	7.3	4.0	5.7
TEMPEST	7.7	5.0	6.3	COYOTE	7.0	4.3	5.7
TITAN LTD.	7.0	5.7	6.3	FALCON II	7.7	3.7	5.7
BARLEXAS	7.7	4.7	6.2	ATF 586	7.3	3.7	5.5
COVENANT (ATF 802)	7.3	5.0	6.2	ENDEAVOR	6.7	4.3	5.5
JT-15	7.0	5.3	6.2	FINESSE II	5.7	5.3	5.5
JT-9	7.3	5.0	6.2	GO-SIU2	6.3	4.7	5.5
K01-E03	7.3	5.0	6.2	MILLENNIUM	6.7	4.3	5.5
PLANTATION	7.3	5.0	6.2	MRF 26	7.0	4.0	5.5
PST-5JM	7.3	5.0	6.2	RENDITION	7.3	3.7	5.5
REBEL SENTRY	7.0	5.3	6.2	SOUTH PAW (MRF 24)	6.7	4.3	5.5
STONEWALL (JT-18)	7.7	4.7	6.2	JT-13	6.7	4.0	5.3
TROOPER (01-TFOR3)	7.0	5.0	6.0	JT-6	7.3	3.3	5.3
BAR FA 1CR7	7.7	4.3	6.0	KITTY HAWK 2000	6.3	4.3	5.3
BARRERA	7.3	4.7	6.0	MRF 25	7.0	3.7	5.3
BILTMORE	7.7	4.3	6.0	PURE GOLD	6.7	4.0	5.3
DAYTONA (MRF 23)	6.7	5.3	6.0	TOMAHAWK GT	6.7	4.0	5.3
FOCUS	7.3	4.7	6.0	ATF 806	6.0	4.3	5.2
K01-E09	6.3	5.7	6.0	BARLEXAS II	6.0	4.3	5.2
PICK-00-AFA	7.3	4.7	6.0	DLF-J210	6.7	3.7	5.2
DYNAMIC (PST-57E)	6.7	5.3	6.0	FORTE (BE-2)	7.0	3.3	5.2
SIGNIA	7.3	4.7	6.0	GO-RD4	7.0	3.3	5.2
UT-155	7.3	4.7	6.0	LANCER	5.7	4.7	5.2
ATF 702	6.7	5.0	5.8	LARAMIE	6.0	4.3	5.2
ATF 704	6.7	5.0	5.8	PICK TF H-97	6.3	4.0	5.2
CIS-TF-64	6.3	5.3	5.8	MATADOR	6.7	3.3	5.0
FIVE POINT (MCN-RC)	7.0	4.7	5.8	PST-53T	6.3	3.7	5.0
KALAHARI	7.0	4.7	5.8	T991	6.3	3.7	5.0
LEGITIMATE	6.3	5.3	5.8	STETSON	5.7	4.0	4.8
MA 127	7.0	4.7	5.8	JTTFF-2000	4.7	2.7	3.7
MRF 210	7.7	4.0	5.8				
MRF 27	7.3	4.3	5.8	LSD	2.1	4.1	2.3
NA-TDD	7.3	4.3	5.8	C.V. (%)	12.4	29.0	16.4
PST-DDL	6.7	5.0	5.8				

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 33.

TURFGRASS QUALITY (NON-TRAFFIC PART) RATINGS OF TALL FESCUE CULTIVARS  
AT MEAD (TRAFFIC STUDY), NE 1/  
2003 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
UT-RB3	8.0	8.0	8.0	FALCON IV (F-4)	6.7	6.0	6.3
KALAHARI	8.0	7.7	7.8	FIVE POINT (MCN-RC)	6.7	6.0	6.3
BRAVO	7.0	7.7	7.3	FORTE (BE-2)	6.0	6.7	6.3
DAYTONA (MRF 23)	7.7	7.0	7.3	JUSTICE (RB2-01)	6.7	6.0	6.3
DP 50-9082	7.3	7.3	7.3	KITTY HAWK 2000	6.0	6.7	6.3
GO-SIU2	7.3	7.3	7.3	LANCER	6.3	6.3	6.3
MRF 25	7.7	7.0	7.3	MA 158	6.3	6.3	6.3
RIVERSIDE (PROSEEDS 5301)	7.3	7.3	7.3	NA-TDD	6.3	6.3	6.3
BARLEXAS II	7.3	7.0	7.2	PST-5BAB	7.0	5.7	6.3
DP 50-9226	7.0	7.3	7.2	REMBRANDT	6.3	6.3	6.3
K01-8007	7.0	7.3	7.2	SCORPION	6.3	6.3	6.3
LEGITIMATE	7.0	7.3	7.2	SR 8550 (SRX 8BE4)	6.3	6.3	6.3
NINJA 2 (ATF-800)	7.0	7.3	7.2	TF66	6.3	6.3	6.3
SOUTH PAW (MRF 24)	7.3	7.0	7.2	ULTIMATE (01-RUTOR2)	6.0	6.3	6.2
SOUTHERN CHOICE II	7.3	7.0	7.2	COCHISE III (018)	6.3	6.0	6.2
BONSAI	7.7	6.3	7.0	MA 138	7.0	5.3	6.2
GO-OD2	7.0	7.0	7.0	R-4	6.3	6.0	6.2
MRF 27	7.0	7.0	7.0	WOLFPACK	6.3	6.0	6.2
MRF 28	7.0	7.0	7.0	ATF 806	6.3	5.7	6.0
PICASSO	7.0	7.0	7.0	EA 163	6.0	6.0	6.0
TEMPEST	7.0	7.0	7.0	FINELAWN ELITE (DLSD)	6.0	6.0	6.0
TRACER	7.0	7.0	7.0	K01-E03	6.0	6.0	6.0
BARRINGTON	7.3	6.3	6.8	MA 127	6.3	5.7	6.0
EXPEDETION (ATF-803)	7.0	6.7	6.8	MILLENNIUM	5.7	6.3	6.0
MRF 210	7.3	6.3	6.8	RAPTOR (CIS-TF-33)	6.0	6.0	6.0
MRF 211	7.0	6.7	6.8	REBEL SENTRY	6.0	6.0	6.0
MRF 29	7.3	6.3	6.8	SR 8600	6.0	6.0	6.0
ATF 702	6.7	6.7	6.7	TAHOE (CAS-157)	6.7	5.3	6.0
CIS-TF-60	6.7	6.7	6.7	TAR HEEL II (PST-5TR1)	6.0	6.0	6.0
MRF 26	6.3	7.0	6.7	TULSA II (ATF 706)	6.0	6.0	6.0
TURBO (CAS-MC1)	7.0	6.3	6.7	ESCALADE (01-ORU1)	5.7	6.0	5.8
ATF 586	6.3	6.7	6.5	BAR FA 1CR7	6.3	5.3	5.8
ATF 799	6.7	6.3	6.5	BARRERA	6.0	5.7	5.8
BARLEXAS	6.3	6.7	6.5	BILTMORE	5.7	6.0	5.8
GO-FL3	6.7	6.3	6.5	CAS-ED	6.3	5.3	5.8
GO-RD4	6.7	6.3	6.5	DAVINCI (LTP-7801)	6.0	5.7	5.8
INFERNO (JT-99)	6.3	6.7	6.5	DLF-J210	6.3	5.3	5.8
MASTERPIECE	6.7	6.3	6.5	FOCUS	5.7	6.0	5.8
TITAN LTD.	6.3	6.7	6.5	MATADOR	5.7	6.0	5.8
2ND MILLENNIUM	6.3	6.3	6.3	PROSPECT	5.7	6.0	5.8
BE1	6.7	6.0	6.3	REBEL EXEDA	6.0	5.7	5.8
CIS-TF-67	6.0	6.7	6.3	STONEWALL (JT-18)	5.7	6.0	5.8
COVENANT (ATF 802)	6.0	6.7	6.3	TITANIUM (SBM)	6.0	5.7	5.8
DOMINION	6.0	6.7	6.3	UT-155	6.0	5.7	5.8
FALCON II	6.0	6.7	6.3	TROOPER (01-TFOR3)	5.7	5.7	5.7

TABLE 33. (CONT'D)

TURFGRASS QUALITY (NON-TRAFFIC PART) RATINGS OF TALL FESCUE CULTIVARS  
AT MEAD (TRAFFIC STUDY), NE 1/  
2003 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
ATF 704	5.7	5.7	5.7	DYNAMIC (PST-57E)	5.7	5.3	5.5
AVENGER (L1Z)	5.7	5.7	5.7	PURE GOLD	5.3	5.7	5.5
BAR FA 1005	6.0	5.3	5.7	TAR HEEL	5.7	5.3	5.5
BINGO	5.7	5.7	5.7	TOMAHAWK GT	5.3	5.7	5.5
CONSTITUTION (ATF-593)	5.7	5.7	5.7	BAR FA 1003	5.3	5.3	5.3
COYOTE	5.7	5.7	5.7	CAYENNE	5.3	5.3	5.3
DYNASTY	5.7	5.7	5.7	GUARDIAN-21 (ROBERTS DOL)	5.3	5.3	5.3
ELISA	6.3	5.0	5.7	JAGUAR 3	5.3	5.3	5.3
FINESSE II	5.7	5.7	5.7	K01-WAF	5.3	5.3	5.3
FIREBIRD (CIS-TF-65)	5.7	5.7	5.7	PICK ZMG	5.7	5.0	5.3
JT-13	5.7	5.7	5.7	PST-53T	5.0	5.7	5.3
JT-15	5.7	5.7	5.7	T991	5.3	5.3	5.3
JT-6	5.7	5.7	5.7	ENDEAVOR	5.3	5.0	5.2
K01-E09	5.7	5.7	5.7	JTTFF-2000	5.3	5.0	5.2
MUSTANG 3	5.7	5.7	5.7	APACHE III (PST-5A1)	5.0	5.3	5.2
PST-5BZ	5.7	5.7	5.7	PST-5KU	5.0	5.3	5.2
PST-5FZD	5.7	5.7	5.7	PST-5NAS	5.3	5.0	5.2
PST-5LO	5.7	5.7	5.7	ATF 707	5.0	5.0	5.0
PST-5S12	5.7	5.7	5.7	BLACKWATCH (PICK-OD3-01)	5.3	4.7	5.0
FIDELITY (PST-5T1)	6.3	5.0	5.7	BLADE RUNNER (ROBERTS SM4)	4.7	5.3	5.0
MATADOR GT (PST-5TU0)	5.3	6.0	5.7	CIS-TF-64	5.0	5.0	5.0
QUEST	6.0	5.3	5.7	GRANDE II	5.0	5.0	5.0
REGIMENT II (SRX 805)	5.7	5.7	5.7	LARAMIE	5.0	5.0	5.0
RENDITION	5.3	6.0	5.7	OLYMPIC GOLD	5.0	5.0	5.0
SIGNIA	5.7	5.7	5.7	PST-5JM	5.0	5.0	5.0
SILVERADO II (PST-578)	5.7	5.7	5.7	PST-5KI	5.0	5.0	5.0
STETSON	5.7	5.7	5.7	PST-DDL	5.0	5.0	5.0
WYATT	5.7	5.7	5.7	SILVERSTAR (PST-5ASR)	5.0	5.0	5.0
B-7001	5.3	5.7	5.5	SR 8250	5.0	5.0	5.0
CIS-TF-77	5.7	5.3	5.5	WATCHDOG	5.0	5.0	5.0
GREMLIN (P-58)	5.3	5.7	5.5	MAGELLAN (OD-4)	4.7	4.7	4.7
JT-12	5.7	5.3	5.5	PADRE (NJ4)	4.7	4.7	4.7
JT-9	5.7	5.3	5.5	KY-31 E+	4.7	4.3	4.5
K01-8015	5.7	5.3	5.5				
PICK TF H-97	5.3	5.7	5.5	LSD VALUE	1.4	1.2	1.1
PICK-00-AFA	5.3	5.7	5.5	C.V. (%)	12.9	11.4	10.9
PLANTATION	5.7	5.3	5.5				

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.



APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS  
IN THE 2001 NATIONAL TALL FESCUE TEST  
2003 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	MAXIMUM IN TOP 25% 7/
ESCALADE (01-ORU1)	6.0	33	1823	35	7	154	42.9
ULTIMATE (01-RUTOR2)	6.1	16	1645	19	4	148	42.9
TROOPER (01-TFOR3)	5.6	144	3232	148	17	157	3.6
2ND MILLENNIUM	6.2	8	1154	4	1	139	64.3
ATF 586	5.6	131	3087	139	18	158	10.7
ATF 702	5.9	69	2253	76	2	153	21.4
ATF 704	5.6	135	2981	130	10	152	17.9
ATF 707	5.4	153	3482	154	59	158	0.0
ATF 799	5.9	61	2147	63	17	142	25.0
ATF 806	5.6	140	3061	134	39	158	3.6
AVENGER (L1Z)	6.2	9	1380	11	1	148	60.7
B-7001	5.8	82	2259	77	2	157	21.4
BAR FA 1003	5.8	101	2388	96	28	143	17.9
BAR FA 1005	6.0	21	1651	21	3	158	39.3
BAR FA 1CR7	5.5	146	3200	145	7	159	3.6
BARLEXAS	5.6	130	2863	125	16	156	10.7
BARLEXAS II	5.8	103	2381	94	4	143	32.1
BARRERA	5.8	92	2382	95	2	146	17.9
BARRINGTON	5.8	100	2558	108	8	157	7.1
BE1	6.0	19	1565	16	3	152	42.9
BILTMORE	6.0	22	1683	26	3	140	39.3
BINGO	6.0	36	1768	33	7	150	39.3
BLACKWATCH (PICK-OD3-01)	6.1	11	1218	8	4	127	57.1
BLADE RUNNER (ROBERTS SM4)	5.9	76	2332	89	12	155	10.7
BONSAI	5.3	159	3715	158	36	160	3.6
BRAVO	5.6	138	3185	144	29	157	3.6
CAS-ED	5.8	87	2303	84	18	157	28.6
CAYENNE	6.1	13	1550	15	1	132	35.7
CIS-TF-60	6.0	45	1994	48	5	154	32.1
CIS-TF-64	6.0	48	2129	61	4	151	25.0
CIS-TF-67	6.1	17	1596	17	6	113	35.7
CIS-TF-77	6.0	35	1666	22	7	130	42.9
COCHISE III (018)	6.2	3	1023	2	1	139	71.4
CONSTITUTION (ATF-593)	5.9	62	2088	57	22	128	21.4
COVENANT (ATF 802)	5.7	122	2996	132	3	153	3.6
COYOTE	5.6	142	3156	142	18	155	3.6
DAVINCI (LTP-7801)	6.2	5	1207	7	1	123	53.6
DAYTONA (MRF 23)	5.5	150	3410	153	17	160	3.6
DLF-J210	5.6	139	3145	141	12	157	7.1
DOMINION	5.7	118	2568	110	10	149	21.4
DP 50-9082	5.4	154	3377	152	3	160	14.3
DP 50-9226	5.6	127	2903	126	12	157	14.3
DYNASTY	5.9	52	1972	44	3	146	32.1
EA 163	5.9	74	2443	101	3	152	25.0
ELISA	5.4	152	3308	150	2	159	10.7

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS  
 (CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST  
 2003 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	MAXIMUM IN TOP 25% 7/
ENDEAVOR	5.8	114	2634	117	2	157	10.7
EXPEDETION (ATF-803)	5.6	133	2993	131	14	155	7.1
FALCON II	5.6	143	3068	136	37	156	7.1
FALCON IV (F-4)	6.2	7	1187	6	1	135	64.3
FINELAWN ELITE (DLSO)	6.1	12	1417	12	8	150	53.6
FINESSE II	5.8	83	2338	90	21	159	21.4
FIREBIRD (CIS-TF-65)	6.0	44	1903	40	7	146	25.0
FIVE POINT (MCN-RC)	5.9	56	2140	62	13	129	21.4
FOCUS	5.9	64	2113	59	7	143	28.6
FORTE (BE-2)	6.0	47	1987	47	3	156	39.3
GO-FL3	5.3	158	3504	155	17	160	10.7
GO-OD2	5.9	66	2171	66	7	158	21.4
GO-RD4	5.4	155	3534	156	17	159	3.6
GO-SIU2	5.3	157	3775	159	53	159	0.0
GRANDE II	6.0	31	1650	20	1	145	39.3
GREMLIN (P-58)	6.0	42	1824	36	3	135	35.7
GUARDIAN-21 (ROBERTS DOL)	6.1	14	1675	24	1	145	42.9
INFERNO (JT-99)	6.2	2	1161	5	2	131	67.9
JAGUAR 3	5.8	96	2304	85	3	146	25.0
JT-12	5.9	73	2329	88	15	158	17.9
JT-13	5.8	116	2690	120	15	154	14.3
JT-15	5.8	99	2598	114	7	157	17.9
JT-6	5.9	77	2276	80	9	156	17.9
JT-9	5.8	95	2402	97	5	156	17.9
JTTFF-2000	5.3	156	3666	157	58	159	0.0
JUSTICE (RB2-01)	6.2	4	1074	3	1	152	67.9
K01-8007	5.9	59	2271	78	1	159	28.6
K01-8015	6.0	28	1953	43	3	157	35.7
K01-E03	5.9	60	2120	60	3	153	25.0
K01-E09	5.9	58	2014	49	11	125	17.9
K01-WAF	6.0	26	1802	34	6	155	46.4
KALAHARI	6.0	37	1884	38	9	158	32.1
KITTY HAWK 2000	5.7	121	2664	119	6	154	25.0
KY-31 E+	4.1	160	4316	160	64	160	0.0
LANCER	5.5	147	3221	147	7	159	3.6
LARAMIE	5.6	134	3082	138	19	153	7.1
LEGITIMATE	5.7	125	2725	122	22	155	25.0
MA 127	6.0	46	1981	46	9	147	25.0
MA 138	5.8	107	2454	104	25	152	10.7
MA 158	5.8	115	2582	112	28	159	10.7
MAGELLAN (OD-4)	6.0	20	1720	27	5	159	46.4
MASTERPIECE	6.0	41	1850	37	5	132	25.0
MATADOR	5.8	113	2552	107	9	152	14.3
MILLENNIUM	5.9	78	2173	67	6	158	32.1
MRF 210	5.8	109	2371	93	22	159	21.4

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS  
(CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST  
2003 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	MAXIMUM IN TOP 25% 7/
MRF 211	5.9	63	2085	55	2	155	17.9
MRF 25	5.9	79	2220	73	3	152	35.7
MRF 26	5.7	120	2626	116	7	154	25.0
MRF 27	5.9	80	2194	68	15	147	10.7
MRF 28	5.8	108	2427	100	12	156	21.4
MRF 29	5.8	111	2577	111	14	159	17.9
MUSTANG 3	6.0	29	1739	29	8	131	39.3
NA-TDD	5.8	94	2340	91	24	154	28.6
NINJA 2 (ATF-800)	5.9	71	2204	70	1	145	21.4
OLYMPIC GOLD	5.8	90	2359	92	8	154	21.4
PADRE (NJ4)	6.2	6	1277	9	2	147	57.1
PICASSO	5.9	49	1893	39	6	159	35.7
PICK TF H-97	5.7	126	3094	140	5	153	10.7
PICK ZMG	5.8	104	2624	115	16	149	14.3
PICK-00-AFA	5.8	85	2205	71	18	157	17.9
PLANTATION	5.8	91	2323	86	18	154	21.4
PROSPECT	5.8	112	2648	118	10	154	10.7
PST-53T	5.9	70	2245	75	3	158	21.4
DYNAMIC (PST-57E)	6.0	39	1950	42	2	148	28.6
APACHE III (PST-5A1)	6.0	32	1743	30	3	124	39.3
PST-5BAB	5.9	75	2296	83	27	144	14.3
PST-5BZ	5.9	54	2020	51	3	158	25.0
PST-5FZD	6.0	43	1911	41	5	160	25.0
PST-5JM	5.9	51	2046	54	18	147	25.0
PST-5KI	5.9	57	2087	56	9	158	28.6
PST-5KU	5.8	97	2422	99	15	152	17.9
PST-5LO	5.8	88	2450	102	24	140	14.3
PST-5NAS	5.9	65	2197	69	3	158	21.4
PST-5S12	5.9	55	2015	50	5	143	25.0
FIDELITY (PST-5T1)	6.0	34	1973	45	1	148	32.1
MATADOR GT (PST-5TU0)	5.8	86	2324	87	28	152	14.3
PST-DDL	5.9	67	2224	74	5	147	28.6
PURE GOLD	5.6	128	2924	127	1	158	14.3
QUEST	5.9	68	2210	72	30	147	21.4
R-4	6.3	1	1022	1	1	149	64.3
RAPTOR (CIS-TF-33)	6.0	23	1681	25	3	155	42.9
REBEL EXEDA	6.1	18	1419	13	7	158	50.0
REBEL SENTRY	5.8	84	2163	65	5	152	25.0
REGIMENT II (SRX 805)	5.8	98	2418	98	8	158	17.9
REMBRANDT	6.0	40	2021	52	2	153	25.0
RENDITION	5.9	50	2025	53	4	135	28.6
RIVERSIDE (PROSEEDS 5301)	6.0	25	1673	23	5	158	42.9
SCORPION	5.8	110	2597	113	9	157	10.7
SIGNIA	5.7	117	2717	121	47	157	0.0
SILVERADO II (PST-578)	6.0	27	1607	18	3	156	39.3

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS  
(CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST  
2003 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						MAXIMUM IN TOP 25% 7/
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	
SILVERSTAR (PST-5ASR)	6.0	38	1746	31	1	119	32.1
SOUTH PAW (MRF 24)	5.5	148	3157	143	30	157	10.7
SOUTHERN CHOICE II	5.7	124	2750	123	14	154	14.3
SR 8250	5.8	93	2285	81	5	152	32.1
SR 8550 (SRX 8BE4)	5.9	53	2094	58	1	158	28.6
SR 8600	5.8	102	2545	106	10	156	14.3
STETSON	5.5	151	3332	151	14	158	10.7
STONEWALL (JT-18)	5.7	119	2563	109	8	159	17.9
T991	5.6	141	3056	133	12	158	14.3
TAHOE (CAS-157)	5.8	105	2453	103	8	159	14.3
TAR HEEL	5.8	106	2516	105	25	158	14.3
TAR HEEL II (PST-5TR1)	6.0	24	1751	32	1	152	42.9
TEMPEST	5.6	129	2963	129	1	156	10.7
TF66	5.5	145	3258	149	27	155	3.6
TITAN LTD.	5.6	137	2949	128	3	158	21.4
TITANIUM (SBM)	6.1	10	1320	10	4	153	60.7
TOMAHAWK GT	5.6	136	3068	136	3	158	3.6
TRACER	5.7	123	2776	124	25	159	10.7
TULSA II (ATF 706)	5.5	149	3219	146	8	157	10.7
TURBO (CAS-MC1)	6.1	15	1521	14	1	138	42.9
UT-155	5.9	81	2160	64	11	147	14.3
UT-RB3	6.0	30	1727	28	2	144	32.1
WATCHDOG	5.8	89	2288	82	7	155	21.4
WOLFPACK	5.9	72	2272	79	13	147	28.6
WYATT	5.6	132	3078	137	46	153	0.0
LSD VALUE	0.2						
C.V. (%)	8.7						

\*/ 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).

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

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.

3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.

4/ RANK - THE RANKING OF THE SUM OF RANKS.

5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

7/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.