

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.

Executive Director - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. Leah Brilman, Seed Research of Oregon
Mr. Craig Edminster
Dr. Michael Kenna, USGA Green Section
Dr. Dennis Martin, Oklahoma State University
Dr. Gwen Stahnke, Washington State University
Mr. Ike Thomas, Turfgrass America, Inc.
Dr. Clark Throssell, Golf Course Superintendents Assoc. of America
Dr. Thomas Voigt, University of Illinois

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, Executive Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 003, Room 218
Beltsville, Maryland 20705
kmorris@ntep.org
www.ntep.org

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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 2002

<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	Silver Spring	MD1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Michigan	East Lansing (Traffic)	MI2
Missouri	Columbia	MO1
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, I	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, I	109	K01-E09	The Scotts Company
4	Falcon IV (F-4)	ProSeeds Marketing, Inc.	57	CIS-TF-60	DLF International Seeds, I	110	K01-WAF	The Scotts Company
5	Davinci (LTP-7801)	Lebanon Turf Products	58	CIS-TF-77	DLF International Seeds, I	111	01-TFOR3	Oregro Seeds
6	Cochise III (018)	Ampac Seed Company	59	Bingo	DLF International Seeds, I	112	01-ORU1	Oregro Seeds
7	R-4	Budd Seed	60	B-7001	Budd Seed	113	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-0D3-01)	TurfOne	62	SBM	Mountain View Seeds, Ltd.	115	DLF-J210	DLF/Jenks Seed Company
10	Plantation	Pennington Seed, Inc.	63	ATF-593	Mountain View Seeds, Ltd.	116	PST-5BAB	Pure-Seed Testing, Inc.
11	Signia	Pennington Seed, Inc.	64	Cayenne	Pickseed West, Inc.	117	PST-5TU0	Pure-Seed Testing, 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	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	CAS-MC1	Cascade International Seed Co.
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)	Simplot/Jacklin Seed	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	PST-5T1	Pure-Seed Testing, Inc.	129	SR 8600	Seed Research of Oregon
24	Tracer	Barenbrug USA	77	PST-5KU	Pure-Seed Testing, Inc.	130	SRX 805	Seed Research of Oregon
25	Barrera	Barenbrug USA	78	PST-57E	Pure-Seed Testing, Inc.	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	PST-5A1	Pure-Seed Testing, 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	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	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 RT	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	Simplot/Jacklin Seed	151	MRF 28	Allied Seed, LLC
46	Padre (NJ4)	LESCO, Inc.	99	JT-13	Simplot/Jacklin Seed	152	MRF 29	Allied Seed, LLC
47	Stetson	LESCO, Inc.	100	JT-18	Simplot/Jacklin Seed	153	MRF 210	Allied Seed, LLC
48	T991	Novel Ag, Inc.	101	JT-12	Simplot/Jacklin Seed	154	MRF 211	Allied Seed, LLC
49	Laramie	LESCO, Inc.	102	JT-15	Simplot/Jacklin Seed	155	K01-8007	The Scotts Company
50	Mustang 3	Pickseed West, Inc.	103	JT-9	Simplot/Jacklin Seed	156	DP 50-9082	DLF-Trifolium
51	Dynasty	Pickseed West, Inc.	104	Quest	Simplot/Jacklin Seed	157	DP 50-9226	DLF-Trifolium
52	Watchdog	TurfOne	105	K01-8015	The Scotts Company	158	ATF-800	Ampac Seed Company
53	CIS-TF-65	DLF International Seeds, Inc.	106	Coyote	The Scotts Company	159	ATF-803	Ampac Seed Company
						160	Bonsai	Standard Entry

TABLE A.

2002 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	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE 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	LOAM	6.6-7.0	-	-	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
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	61-150	151-240	2.1-3.0	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	-	-	-	-	FULL SUN	-	-
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	2.6-3.0	TO PREVENT DORMANCY
MI2	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	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	5.6-6.0	0-60	0-150	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NE2	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NJ1	LOAM	6.1-6.5	61-150	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	451+	501+	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	6.1-6.5	61-150	241-375	4.1-5.0	FULL SUN	1.1-1.5	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
OK1	SILTY CLAY LOAM	7.1-7.5	61-150	501+	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
PA1	LOAM	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
TX3	SANDY LOAM	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	151-240	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
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	-	-	-	-	-	-	-	-
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 2002

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AL1				X	X	X	X	X	X	X	X				
AR1				X	X	X	X	X	X	X			X		
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X		
GA1			X		X	X		X	X	X	X	X	X		
IA1					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
IN1				X	X	X	X	X	X	X	X		X		X
KS2				X	X	X	X	X	X	X			X		X
KY1			X	X	X	X	X	X	X	X					
MA1					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	
MI2					X	X	X	X	X	X	X		X	X	X
MO1				X	X	X	X	X	X	X	X		X		X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NE1									X	X					
NE2									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					
NY1									X	X					
OK1			X	X	X	X	X							X	
PA1					X	X		X	X	X			X		X
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
TX3	X	X	X	X	X	X	X	X	X	X	X	X			X
UT1															
VA1					X	X	X	X	X	X	X		X	X	
WA1							X	X	X	X			X		
WA3			X	X	X	X	X	X	X	X	X	X	X		X
WI1				X	X	X	X	X	X	X	X		X		X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2002

LOCATION	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	BROWN PATCH (WARM TEMP.)	PERCENT ESTABLISHMENT	PERCENT WEEDS MARCH	CANOPY HEIGHT (CM)	PERCENT PINK PATCH
AL1															
AR1							X	X			X				
CA3		X													
GA1			X												X
IA1								X							
IL1												X			
IL2		X				X					X			X	
IN1						X		X			X				
KS2												X			
KY1		X				X									
MA1									X			X			
MD1		X													
MI1		X	X	X	X										
MI2	X	X	X	X	X		X	X							
MO1		X				X	X	X							
NC1												X			
NE1															
NE2															
NJ1		X			X										
NJ2		X			X										
NJ3															
NY1		X													
OK1									X		X	X			
PA1		X		X											
TX1				X	X	X	X		X				X		
TX3												X			
UT1												X			
VA1										X	X				
WA1												X			
WA3			X	X					X						
WI1											X				

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2002

LOCATION	PERCENT ESTABLISHMENT RATINGS				PERCENT ESTABLISHMENT		ESTABLISHMENT RATINGS (2001)						PERCENT BROWN PATCH		BROWN PATCH RATINGS					
	NOV.11	NOV.14	NOV. 26	DEC.5	SEP.02	JAN.03	APR	MAY	JUNE	JULY	AUG	SEP	AUGUST	SEPTEMBER	JUNE	JULY	AUG	SEP	OCT	
AL1																				
AR1	X	X	X	X									X	X						
CA3																				
GA1																				
IA1																				
IL1																				
IL2																				
IN1																				
KS2																				
KY1																				
MA1																				
MD1																				
MI1																				
MI2																				
MO1																				
NC1															X	X	X	X	X	
NE1								X	X	X	X	X	X							
NE2								X	X	X	X	X	X							
NJ1																				
NJ2																				
NJ3																				
NY1																				
OK1																				
PA1																				
TX1																				
TX3																				
UT1																				
VA1																				
WA1																				
WA3						X		X												
WI1																				

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2002 DATA

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

NAME	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NJ1	NJ2	OK1	TX1	TX3	VA1	WA1	WA3	MEAN
* FALCON IV (F-4)	4.9	6.8	6.8	5.1	7.1	5.9	5.9	6.6	7.1	6.6	6.5	5.9	5.1	6.7	6.3	5.0	6.1
* JUSTICE (RB2-01)	5.2	6.7	7.0	5.1	7.0	5.9	5.5	6.8	6.3	7.0	6.6	5.8	5.3	6.8	6.3	4.8	6.1
* INFERNO (JT-99)	5.6	6.4	7.0	5.5	6.7	6.3	5.7	6.3	7.0	6.9	6.1	6.2	5.1	6.0	6.3	4.6	6.1
K01-WAF	5.6	6.8	6.9	5.3	7.1	6.3	5.7	6.9	5.8	5.9	6.7	6.2	4.9	6.6	5.7	4.9	6.1
* AVENGER (L1Z)	5.4	6.7	6.9	5.2	6.7	6.1	5.3	6.1	6.5	7.0	6.7	5.9	5.5	6.2	5.9	4.8	6.1
* DAVINCI (LTP-7801)	5.0	6.5	7.4	5.6	7.0	5.8	5.4	7.3	5.9	6.5	6.3	6.1	5.1	6.4	6.3	4.4	6.1
R-4	5.2	6.6	7.0	5.4	7.4	6.3	5.4	6.6	6.8	6.4	6.8	5.3	4.9	5.9	6.2	4.6	6.1
* BLACKWATCH (PICK-OD3-01)	5.0	6.8	7.1	5.3	6.2	5.8	5.5	7.0	5.9	6.4	6.7	6.1	5.1	6.5	6.3	4.6	6.0
* 2ND MILLENNIUM	5.5	6.8	6.9	5.3	6.5	6.0	5.8	6.8	5.8	5.6	6.5	6.1	5.3	6.0	6.3	5.0	6.0
* COCHISE III (018)	5.2	6.6	7.0	5.3	6.5	6.7	5.3	6.8	6.0	6.4	6.5	6.0	4.8	6.5	5.8	4.6	6.0
* CAYENNE	4.9	6.5	6.7	5.2	7.6	6.4	5.2	6.4	5.8	5.3	6.8	6.3	5.2	6.9	6.3	4.4	6.0
* REBEL EXEDA	5.4	6.4	7.3	5.2	6.3	6.3	5.5	6.7	5.3	6.5	6.3	5.7	5.1	6.4	6.3	5.0	6.0
FINELAWN ELITE (DLSD)	5.3	6.3	7.0	5.2	6.3	6.1	5.4	6.8	6.0	6.3	6.5	6.0	4.9	7.1	6.1	4.2	6.0
* BINGO	4.9	6.6	7.0	4.9	6.6	6.0	5.4	7.3	6.0	5.5	6.8	6.0	5.2	6.2	6.1	4.9	6.0
* TITANIUM (SBM)	4.8	6.7	6.4	5.3	7.0	6.4	5.1	6.6	5.7	5.5	6.5	6.1	5.0	7.0	6.3	4.6	5.9
K01-8015	4.7	6.7	7.0	5.2	7.1	5.9	5.7	6.3	7.0	5.3	6.7	5.8	5.3	5.9	6.0	4.4	5.9
BE1	5.0	6.7	7.1	5.0	6.6	6.3	5.4	6.4	5.6	5.3	6.9	5.5	5.1	7.1	6.1	4.8	5.9
* BILTMORE	4.9	6.4	6.9	5.2	6.8	6.0	5.1	6.8	6.1	6.1	6.5	5.9	4.6	6.6	5.8	5.0	5.9
PST-57E	5.0	6.5	7.0	5.0	7.1	6.0	5.4	5.7	5.6	6.1	6.8	6.1	4.7	6.3	6.3	5.2	5.9
* PADRE (NJ4)	4.9	6.6	6.8	5.0	6.9	6.8	5.4	6.4	5.9	5.6	6.7	5.9	5.0	5.5	6.1	5.1	5.9
UT-RB3	5.1	6.5	7.3	5.0	7.3	5.8	5.6	6.6	5.2	5.0	7.0	5.6	5.0	7.1	5.8	4.5	5.9
* KALAHARI	5.0	6.7	6.8	5.2	7.0	5.9	5.7	5.9	5.3	5.9	6.4	5.7	4.9	7.2	6.1	4.5	5.9
FIVE POINT (MCN-RC)	4.9	6.4	7.3	5.1	6.5	6.2	5.4	6.6	5.5	5.8	6.9	5.4	5.2	6.6	5.8	4.8	5.9
CAS-MC1	4.9	6.8	7.0	5.0	7.0	6.2	5.3	6.4	5.4	5.5	6.5	5.6	5.3	6.7	6.1	4.5	5.9
CIS-TF-67	5.4	6.5	6.5	5.3	6.5	5.4	5.6	7.0	5.5	5.3	6.9	5.8	4.9	6.3	6.3	4.8	5.9
* PICASSO	4.9	6.6	7.1	5.0	6.9	5.6	5.3	6.4	5.2	5.2	6.9	5.8	5.3	6.5	6.2	5.1	5.9
* RENDITION	4.8	6.7	6.7	5.2	6.3	6.1	5.2	6.4	5.7	5.9	6.5	5.9	4.9	7.0	6.1	4.5	5.9
* FORTE (BE-2)	5.4	6.4	7.1	5.1	6.3	6.0	5.5	6.8	5.5	5.7	6.8	5.7	5.4	6.0	5.8	4.3	5.9
O1-ORU1	4.5	6.6	6.5	4.8	7.3	6.1	5.6	6.3	5.7	5.6	7.0	5.7	5.2	6.9	5.7	4.3	5.9
* SILVERSTAR (PST-5ASR)	5.1	6.3	7.4	4.9	6.8	5.7	5.3	6.4	5.0	4.9	6.9	6.0	5.1	6.9	6.3	4.9	5.9
* QUEST	4.9	6.4	7.0	5.3	7.3	5.9	5.1	6.3	5.4	5.3	6.7	5.7	5.5	6.0	6.2	4.7	5.9
PST-5T1	5.1	6.4	7.3	5.0	6.9	6.1	5.4	6.7	5.6	5.1	6.7	5.6	5.3	6.7	5.8	3.9	5.9
* RAPTOR (CIS-TF-33)	5.3	5.9	6.2	5.0	6.7	6.1	5.6	6.2	5.5	5.8	6.7	5.8	5.4	6.4	6.3	4.8	5.9
* MAGELLAN (OD-4)	4.9	6.6	6.8	5.0	7.2	6.6	5.3	6.7	5.3	4.7	6.8	6.1	4.7	6.1	6.3	4.6	5.8
PST-5A1	5.3	6.4	6.9	5.0	6.2	6.6	5.6	6.6	5.4	5.2	6.7	5.7	5.2	6.8	5.9	4.0	5.8
* CONSTITUTION (ATF-593)	5.0	6.5	7.0	5.1	7.1	5.9	5.2	6.2	5.0	5.0	6.8	5.9	5.4	6.9	5.9	4.6	5.8
* TAR HEEL II (PST-5TR1)	5.1	6.6	7.2	4.9	6.5	6.2	5.2	6.9	5.6	4.9	6.9	5.7	5.1	6.4	5.5	4.6	5.8
* REMBRANDT	4.9	6.2	6.6	5.1	6.2	6.1	5.3	6.1	5.6	5.1	6.9	5.8	5.4	7.1	5.8	5.0	5.8
PICK-00-AFA	4.8	6.4	7.0	5.2	6.1	6.0	5.1	6.2	5.4	4.8	6.9	5.9	5.7	6.7	6.7	4.3	5.8
* SILVERADO II (PST-578)	5.1	6.5	7.2	5.0	7.0	6.2	5.2	6.8	5.4	4.9	6.5	5.7	4.9	6.5	5.8	4.4	5.8
PST-DDL	4.9	6.3	6.7	4.9	6.2	5.7	5.6	6.5	6.1	5.8	6.9	5.6	4.9	6.1	6.7	4.2	5.8
* GUARDIAN-21 (ROBERTS DOL)	4.7	6.6	6.6	5.0	6.8	5.6	5.2	6.5	5.9	6.1	6.5	5.9	4.9	5.7	6.3	4.7	5.8
CIS-TF-60	5.6	6.5	6.9	4.8	6.5	6.5	5.2	7.1	5.6	4.1	6.7	5.4	4.5	6.3	6.3	4.8	5.8
* PLANTATION	5.2	6.6	6.5	5.2	6.7	5.6	5.3	6.7	4.8	5.6	6.1	6.0	5.1	6.5	6.2	4.9	5.8

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2002 DATA

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

NAME	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NJ1	NJ2	OK1	TX1	TX3	VA1	WA1	WA3	MEAN
* REBEL SENTRY	5.0	6.5	7.1	5.2	6.2	5.4	5.3	6.6	5.1	5.6	6.9	5.7	5.8	5.6	6.0	4.9	5.8
PST-5BZ	4.9	6.1	6.5	5.0	7.0	6.3	5.7	6.1	5.3	5.3	6.8	5.7	5.1	6.3	6.1	4.7	5.8
PST-5FZD	4.8	6.4	7.1	5.2	5.6	6.0	5.7	6.6	5.5	5.2	6.4	5.7	5.3	7.0	5.9	4.3	5.8
PST-5L0	5.1	6.4	6.7	4.9	6.0	6.3	5.5	6.7	5.2	5.0	6.8	5.7	5.4	6.8	5.9	4.3	5.8
* PROSEEDS 5301	5.0	6.4	6.3	4.9	6.2	6.1	5.5	6.2	5.1	5.6	6.9	5.8	5.1	6.5	6.3	4.7	5.8
BAR FA 1005	5.4	6.6	7.2	5.0	6.1	6.0	5.0	7.0	5.5	5.4	6.9	5.6	5.0	5.5	6.0	4.2	5.8
* SR 8550 (SRX 8BE4)	4.6	6.6	6.7	4.8	6.7	6.1	5.5	6.3	5.4	5.9	6.5	5.6	4.9	5.9	6.3	4.8	5.8
* OLYMPIC GOLD	4.8	6.3	7.1	5.3	6.1	6.3	5.3	5.9	5.0	5.2	6.5	6.0	4.8	7.0	5.8	4.9	5.8
* WOLFPACK	5.0	6.7	6.9	5.3	6.4	5.6	5.4	6.0	4.8	5.1	6.7	6.2	5.1	6.8	5.7	4.6	5.8
B-7001	4.8	6.7	7.4	5.0	6.1	6.0	5.2	6.6	4.6	5.2	6.8	5.9	4.9	6.7	5.8	4.8	5.8
* GRANDE II	5.1	6.5	6.5	5.2	6.7	6.1	5.4	6.4	5.2	4.8	6.8	5.4	5.1	6.5	6.1	4.5	5.8
* SR 8600	4.9	6.6	7.0	5.1	6.8	5.6	5.2	6.6	4.8	5.4	6.7	5.4	4.9	6.5	6.0	4.8	5.8
ROBERTS SM4	4.8	6.6	7.3	4.9	6.6	6.0	5.2	6.5	4.6	5.1	6.5	5.6	4.9	6.7	6.3	4.7	5.8
GO-0D2	4.7	6.2	7.2	4.7	6.1	6.1	5.5	6.8	4.8	5.0	6.7	5.8	5.0	6.9	5.9	4.8	5.8
CIS-TF-65	5.1	6.5	6.9	5.0	6.2	5.8	5.3	6.9	5.3	4.8	6.8	5.9	5.2	5.8	6.3	4.4	5.8
UT-155	4.2	6.7	7.0	4.6	6.7	5.9	5.3	6.5	5.0	5.1	6.4	6.1	5.4	6.6	6.3	4.1	5.8
* MASTERPIECE	5.0	6.6	7.1	4.8	5.8	6.0	5.2	6.2	5.2	4.7	6.7	5.8	5.3	7.0	5.8	4.7	5.7
MRF 27	4.6	6.4	7.3	4.8	6.8	5.6	5.4	6.9	4.9	4.6	6.8	5.4	5.2	6.4	6.0	4.8	5.7
PST-5BAB	4.2	6.4	6.7	4.7	7.0	6.2	5.2	6.5	4.8	4.7	6.5	5.7	5.2	7.1	6.3	4.7	5.7
TAHOE (CAS-157)	4.5	6.7	7.1	4.9	6.8	5.6	5.4	6.3	5.0	5.3	6.5	5.8	5.2	6.5	5.9	4.2	5.7
PST-53T	5.3	6.5	7.0	4.9	6.5	6.0	5.1	6.6	5.2	4.9	6.7	5.6	5.0	6.2	5.8	4.4	5.7
MA 138	5.0	6.2	7.0	4.6	6.5	6.0	5.3	6.3	4.6	4.5	6.6	5.7	5.5	6.9	6.2	4.9	5.7
* FOCUS	4.9	6.5	7.2	4.6	6.5	5.7	5.4	6.3	4.9	4.8	6.8	5.9	5.0	6.0	6.3	4.8	5.7
K01-E03	4.5	6.3	7.1	4.7	6.3	5.6	5.4	6.4	5.5	4.8	6.4	6.0	5.6	6.8	5.8	4.3	5.7
* MATADOR	4.6	6.6	6.8	4.9	6.3	5.4	5.3	5.9	5.7	5.3	6.7	5.7	5.2	6.5	6.0	4.7	5.7
PST-5S12	4.9	6.3	6.6	4.6	6.6	6.0	5.4	6.7	4.8	5.2	6.6	6.0	4.8	6.4	6.0	4.7	5.7
PST-5JM	4.8	6.5	7.1	4.7	5.6	5.7	5.2	6.7	5.4	5.0	6.9	5.8	5.0	6.0	6.0	5.0	5.7
NA-TDD	4.9	6.3	7.0	5.0	6.2	5.9	5.2	6.5	4.9	4.1	6.8	5.9	5.3	6.3	5.8	5.3	5.7
01-RUTOR2	4.4	6.4	7.1	4.9	6.6	6.5	5.4	5.7	5.5	4.9	6.8	5.4	5.2	6.7	5.8	3.9	5.7
PST-5TU0	4.6	6.4	6.9	4.6	6.5	5.8	5.5	6.8	5.0	4.7	6.9	5.3	4.9	6.4	6.0	4.7	5.7
PST-5KI	4.7	6.2	7.0	4.9	5.6	6.0	5.2	6.2	5.2	5.0	6.4	6.2	4.9	6.8	6.2	4.3	5.7
* TAR HEEL	4.8	6.5	6.8	5.4	6.3	5.7	5.4	6.0	4.5	4.5	6.7	5.5	5.3	6.8	5.8	4.8	5.7
MRF 25	4.8	6.5	7.0	4.8	5.8	5.9	5.3	6.4	4.8	4.1	6.8	5.8	4.9	6.7	6.2	5.0	5.7
* COYOTE	5.3	6.6	7.0	4.8	6.2	6.1	5.3	6.3	4.2	4.6	6.8	5.8	5.3	6.1	5.8	4.5	5.7
* MUSTANG 3	5.1	6.8	7.0	4.7	5.5	5.7	5.3	6.5	5.8	5.2	6.4	5.8	4.8	5.1	6.3	4.6	5.7
ATF 799	4.5	6.3	7.0	4.8	6.0	6.2	5.4	6.3	4.3	4.8	6.7	5.9	4.8	6.8	6.2	4.8	5.7
ATF 702	5.1	6.5	6.8	4.9	6.3	5.9	5.3	6.8	4.4	4.8	6.8	5.6	5.1	5.8	6.0	4.6	5.7
EA 163	4.9	6.1	6.9	4.8	6.5	6.4	5.3	5.9	4.8	4.7	6.7	5.6	5.6	6.0	5.9	4.5	5.7
CIS-TF-77	4.5	6.5	6.9	4.7	6.4	5.2	5.3	6.7	5.2	5.1	6.8	5.4	5.0	6.3	5.8	4.8	5.7
* ENDEAVOR	4.8	6.5	6.9	4.8	6.2	5.8	5.3	5.9	4.4	4.2	6.8	5.9	4.9	7.0	6.3	4.9	5.7
MA 127	4.8	6.4	6.8	4.7	6.7	5.8	5.1	6.3	5.0	4.8	6.8	5.9	4.9	6.4	5.9	4.4	5.7
* BARRERA	5.1	6.5	6.9	5.3	6.9	5.7	5.0	6.2	4.6	5.2	6.6	5.7	4.9	5.6	6.0	4.5	5.7
MRF 26	5.2	6.4	6.9	4.8	6.3	5.6	5.5	6.4	4.3	4.0	6.8	5.7	5.1	6.5	6.3	4.8	5.7
* SR 8250	5.1	6.3	6.6	5.0	6.5	6.0	5.3	5.9	4.6	5.2	6.7	5.6	5.2	6.2	5.6	4.5	5.6
* PROSPECT	4.3	6.7	6.9	4.8	6.3	5.5	5.1	6.5	4.8	4.7	6.7	5.5	5.2	5.9	6.4	5.0	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2002 DATA

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

NAME	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NJ1	NJ2	OK1	TX1	TX3	VA1	WA1	WA3	MEAN
* BRAVO	4.8	6.4	7.0	5.2	6.5	6.0	5.1	5.9	4.9	4.3	6.8	5.2	5.2	6.2	5.8	5.1	5.6
BAR FA 1003	5.0	6.6	7.0	5.0	6.0	5.9	5.1	6.2	4.2	4.2	6.8	5.4	5.3	6.7	6.1	4.8	5.6
PST-5KU	4.9	6.6	7.3	4.4	6.1	6.0	5.0	6.4	4.7	5.0	6.6	5.5	4.9	6.5	5.8	4.6	5.6
* WATCHDOG	4.5	6.6	7.2	5.2	6.1	5.6	5.3	5.9	4.9	4.8	6.5	6.1	5.2	6.5	5.8	4.2	5.6
PICK ZMG	4.9	6.7	6.4	4.8	6.3	6.0	5.4	6.1	4.9	4.5	6.3	5.9	5.0	5.8	6.3	4.8	5.6
MRF 29	5.1	6.3	6.8	4.6	6.6	6.2	5.2	6.5	4.5	4.7	6.6	5.8	4.8	6.0	6.0	4.3	5.6
CAS-ED	5.1	6.4	6.8	4.7	6.2	6.0	5.4	5.9	4.7	4.8	6.8	5.9	4.9	6.4	5.8	4.4	5.6
K01-E09	4.5	6.3	6.8	4.8	6.3	5.4	5.4	7.0	5.1	4.4	6.7	5.5	5.0	6.5	5.8	4.4	5.6
* MILLENNIUM	5.2	6.6	7.0	5.0	5.8	5.6	5.2	6.2	4.7	4.6	6.7	5.7	5.0	6.0	5.9	4.7	5.6
* BARLEXAS II	4.6	6.3	6.7	5.1	6.8	5.7	5.5	5.9	4.8	5.1	6.7	5.5	5.1	5.4	5.8	4.9	5.6
JT-6	5.1	6.6	7.0	4.7	5.7	5.6	5.3	6.6	4.8	4.7	6.3	5.2	4.8	6.2	6.3	5.0	5.6
* DYNASTY	4.6	6.1	7.0	5.0	6.5	5.0	5.3	6.3	5.4	5.3	6.1	6.0	5.3	5.5	6.1	4.3	5.6
* SRX 805	4.8	6.8	6.7	4.5	6.3	5.4	5.4	6.5	4.2	4.6	6.8	5.5	5.1	6.3	6.3	4.4	5.6
PST-5NAS	4.7	6.5	7.1	4.8	5.8	6.2	5.0	6.4	5.3	4.8	6.6	5.6	5.1	5.8	5.8	4.2	5.6
* SCORPION	4.4	6.4	6.5	5.1	6.3	5.6	5.0	6.3	5.2	4.5	6.8	5.7	4.8	6.4	5.8	4.9	5.6
* BARRINGTON	4.4	6.5	7.2	4.8	6.9	5.6	5.3	6.0	5.0	4.8	6.6	5.9	4.8	5.4	5.9	4.6	5.6
* JAGUAR 3	4.6	6.7	7.0	5.0	6.0	5.3	5.3	6.1	4.4	4.4	6.7	5.6	5.1	6.0	6.0	5.3	5.6
MRF 28	5.0	6.7	7.3	4.5	5.9	6.0	5.4	6.1	4.5	4.3	6.4	5.7	5.3	6.0	6.3	4.2	5.6
* TRACER	4.9	6.4	6.9	4.8	6.3	5.8	5.1	5.9	4.8	5.0	6.6	5.8	5.1	5.4	5.8	4.9	5.6
JT-15	4.7	6.2	6.9	4.8	6.2	6.0	5.1	6.1	5.4	4.9	6.8	5.2	5.0	5.8	6.2	4.3	5.6
GREMLIN (P-58)	4.3	6.2	6.9	5.0	6.0	6.0	5.2	5.9	5.1	5.3	6.4	5.6	4.9	6.8	6.1	3.9	5.6
* TEMPEST	4.9	6.6	6.5	4.8	6.4	5.4	5.6	6.3	4.3	3.9	6.7	5.6	4.9	6.8	6.0	4.7	5.6
* WYATT	4.6	6.3	7.0	5.0	6.0	5.7	5.3	5.7	4.8	4.5	6.7	5.8	5.5	6.2	5.4	4.8	5.6
MRF 210	5.3	6.1	6.8	4.5	6.3	5.9	5.2	6.0	4.5	4.3	6.9	5.7	4.8	6.4	6.2	4.5	5.6
JT-9	4.6	6.3	7.0	4.8	6.7	5.9	5.8	6.6	4.5	4.5	6.8	5.2	5.1	4.8	6.2	4.4	5.6
* DAYTONA (MRF 23)	5.0	6.4	6.8	5.0	6.6	5.6	5.1	5.9	4.0	4.0	6.7	5.6	5.2	6.4	6.2	4.8	5.6
MRF 211	4.6	6.5	6.8	4.5	6.3	5.7	5.4	6.8	4.8	4.1	6.7	5.3	5.1	6.2	6.2	4.3	5.6
ATF-800	5.1	6.6	6.8	4.5	6.4	6.0	5.6	5.9	4.2	3.9	6.2	6.0	5.4	6.6	5.7	4.3	5.6
BAR FA 1CR7	5.6	6.7	6.4	4.8	6.3	5.8	5.5	6.0	4.1	4.2	6.8	5.9	4.9	6.4	5.8	3.8	5.6
* SOUTHERN CHOICE II	4.9	6.8	6.9	4.8	6.1	5.2	5.6	6.1	3.8	4.1	6.6	5.7	5.3	6.7	6.1	4.3	5.6
CIS-TF-64	4.8	6.3	6.6	4.5	6.7	5.8	5.3	6.4	5.1	4.8	6.8	5.6	4.8	5.4	5.8	4.2	5.6
* FINESSE II	5.0	6.0	7.0	4.6	6.2	5.3	5.1	6.5	5.1	4.7	6.7	5.3	5.2	6.0	6.8	3.6	5.6
* SIGNIA	5.0	6.4	7.0	4.6	5.9	5.2	5.2	6.5	5.1	4.5	6.2	5.7	4.8	6.3	5.9	4.6	5.6
* KITTY HAWK 2000	4.3	6.5	6.9	4.6	6.0	5.7	5.1	6.3	4.5	4.1	6.5	6.2	5.0	6.2	6.0	4.8	5.5
PICK TF H-97	3.8	6.6	7.1	5.1	6.6	5.4	5.2	5.4	4.8	4.8	6.8	5.7	5.1	6.3	6.2	3.8	5.5
ATF-803	4.8	6.6	6.8	4.7	6.0	5.5	5.1	5.8	4.5	4.1	6.7	5.6	5.0	7.1	5.9	4.4	5.5
COVENANT (ATF 802)	4.1	6.7	6.7	4.8	6.0	5.8	4.9	5.9	4.7	4.2	6.4	5.9	5.2	6.2	6.0	4.8	5.5
JT-12	5.0	6.6	6.9	4.6	5.8	5.8	5.1	6.3	5.0	4.7	6.8	5.2	5.0	5.6	6.2	3.8	5.5
MA 158	3.9	6.8	6.5	4.5	5.5	5.5	5.2	6.2	4.5	5.1	6.8	5.6	5.2	6.2	6.0	4.7	5.5
* TOMAHAWK RT	4.8	6.5	6.6	4.5	6.1	5.5	5.2	5.6	4.3	4.5	6.9	5.9	4.9	6.2	5.7	4.7	5.5
ATF 704	4.9	6.3	7.0	4.7	6.5	5.4	5.1	5.8	3.6	3.8	6.4	5.8	5.4	6.5	6.1	4.9	5.5
T991	4.9	6.5	7.1	4.8	5.3	5.3	5.3	6.6	4.3	4.4	6.8	5.9	5.0	5.0	6.3	4.5	5.5
* PURE GOLD	4.0	5.9	7.0	4.7	5.6	6.1	5.2	5.7	4.5	5.5	6.4	5.6	5.5	5.9	5.8	4.4	5.5
K01-8007	4.5	6.4	6.9	4.6	6.0	6.0	5.4	5.8	5.7	4.3	6.7	5.0	4.6	6.0	5.8	4.0	5.5
* BARLEXAS	4.5	6.0	6.9	5.0	6.5	5.4	5.4	6.0	4.4	4.1	5.9	5.7	4.8	5.8	6.1	5.0	5.5

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2002 DATA

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

NAME	AR1	CA3	GA1	IN1	KY1	MD1	MI1	NC1	NJ1	NJ2	OK1	TX1	TX3	VA1	WA1	WA3	MEAN
JT-13	5.2	6.4	6.8	4.7	5.7	5.8	5.2	6.5	5.0	4.5	6.3	5.1	5.0	4.9	5.9	4.4	5.5
TF66	4.7	6.3	6.9	4.9	6.4	4.9	5.4	6.3	4.4	4.3	6.7	5.8	5.2	5.4	5.6	4.4	5.5
ATF 586	4.4	6.3	6.6	5.1	5.6	5.4	5.0	5.4	4.3	4.1	6.8	5.9	5.2	6.5	5.9	4.8	5.5
* SOUTH PAW (MRF 24)	4.8	6.6	6.7	4.7	6.0	5.8	5.1	6.0	3.7	3.7	6.8	5.5	5.1	6.8	5.9	4.1	5.5
* LARAMIE	4.5	6.5	6.8	4.8	6.1	5.4	5.0	5.7	4.0	4.7	6.4	6.0	5.1	5.4	6.2	4.7	5.5
ATF 806	4.2	6.4	6.6	4.8	5.6	5.0	5.6	5.9	4.4	4.1	6.7	5.8	5.0	6.6	6.1	4.4	5.4
* TITAN LTD.	3.7	6.5	6.3	5.0	6.4	5.1	5.4	5.3	4.5	4.5	6.5	5.9	5.1	6.1	5.4	5.2	5.4
DLF-J210	4.8	6.4	7.0	4.6	5.8	5.3	4.9	6.1	3.5	3.9	6.7	5.9	5.2	6.3	5.9	4.5	5.4
01-TFOR3	4.2	6.1	6.6	4.6	6.0	5.4	5.2	6.3	4.1	4.0	6.8	5.6	5.1	6.5	5.7	4.7	5.4
DP 50-9226	4.4	6.4	7.0	4.2	5.7	5.6	5.1	6.3	4.3	3.9	6.7	5.4	5.2	6.6	5.8	4.1	5.4
JT-18	4.9	6.7	6.2	4.7	6.0	6.0	5.2	6.2	4.3	4.1	6.5	5.2	4.9	5.5	6.3	3.9	5.4
* TULSA II (ATF 706)	4.5	6.5	6.7	4.7	5.8	5.4	4.9	5.4	4.0	4.0	6.7	5.7	5.2	6.5	5.8	4.5	5.4
* DOMINION	4.6	6.4	6.9	5.0	5.3	5.6	5.3	5.6	4.3	3.8	6.7	5.7	5.0	5.9	5.4	4.8	5.4
* FALCON II	4.8	6.1	6.7	4.8	5.8	5.4	5.0	5.8	3.7	3.6	6.6	5.8	5.2	6.5	5.7	5.2	5.4
* LEGITIMATE	4.6	6.4	7.1	4.4	5.7	5.0	5.1	6.0	4.1	3.6	6.5	5.7	5.0	6.0	6.0	4.5	5.4
ATF 707	4.0	6.4	6.8	4.8	6.3	5.2	5.0	5.2	4.0	3.3	6.9	5.7	4.8	6.0	6.2	4.6	5.3
* LANCER	4.5	6.3	6.5	4.7	6.1	5.2	4.9	5.4	3.9	4.1	6.9	6.0	4.8	5.1	5.8	5.1	5.3
GO-RD4	4.4	6.3	7.0	4.8	5.1	5.0	4.9	5.8	3.4	3.3	6.3	5.4	5.1	6.4	5.8	4.6	5.2
* ELISA	3.8	6.1	6.8	5.2	4.9	5.0	5.0	4.8	4.7	3.6	6.8	5.9	5.5	5.2	4.9	5.4	5.2
* STETSON	4.0	6.2	6.7	4.7	5.9	5.5	4.9	5.8	3.6	3.7	6.3	5.9	4.9	4.9	5.3	4.9	5.2
JTTFF-2000	3.9	6.5	6.9	4.5	5.0	4.8	5.0	5.2	3.9	3.8	6.7	5.5	4.8	6.0	6.0	4.6	5.2
GO-SIU2	3.8	6.3	7.0	4.7	5.5	5.0	4.8	5.7	3.2	3.3	6.5	5.3	5.1	6.6	5.0	4.6	5.1
GO-FL3	3.5	5.6	6.9	4.9	5.6	5.0	4.9	5.0	3.8	3.3	6.3	5.4	4.6	5.0	4.8	5.2	5.0
DP 50-9082	3.7	5.9	7.0	4.5	5.6	5.3	4.9	5.3	3.5	2.7	6.5	5.3	4.9	6.0	4.8	3.8	5.0
* BONSAI	3.1	6.2	6.5	4.5	5.5	4.8	5.0	4.9	3.4	3.0	5.8	5.1	5.1	6.0	5.1	4.2	4.9
* KY-31 E+	3.0	4.8	6.0	4.4	4.0	3.4	4.4	4.5	1.2	1.1	5.9	5.3	5.0	4.0	3.5	4.0	4.0
LSD VALUE	1.0	0.8	0.7	0.6	1.0	0.8	0.6	0.7	0.8	0.7	0.5	0.7	0.6	1.4	0.7	0.7	0.2
C.V. (%)	12.6	7.7	6.6	7.8	9.4	8.6	6.7	6.7	10.2	9.3	5.0	7.6	7.6	14.0	7.2	9.6	8.7

* COMMERCIALY AVAILABLE IN THE USA IN 2003.

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 FT²/YEAR
IRRIGATION TO PREVENT VISUAL DROUGHT STRESS

TABLE 2.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" **
 2002 DATA

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

NAME	AL1	IA1	IL1	IL2	KS2	MA1	MO1	NE1	NY1	PA1	WI1	MEAN
GRANDE II	5.8	6.4	5.9	5.9	5.3	5.8	4.7	8.5	7.0	7.7	5.2	6.2
R-4	5.5	6.2	5.5	6.1	5.0	6.4	4.9	8.0	7.0	8.1	5.4	6.2
FINELAWN ELITE (DLS)	5.5	5.7	5.6	6.7	5.4	6.0	5.0	8.5	6.7	7.5	5.1	6.1
TAR HEEL	5.2	6.3	5.6	6.0	5.2	5.9	4.8	8.5	7.3	7.3	5.2	6.1
OLYMPIC GOLD	5.3	5.6	5.8	5.9	5.7	6.2	4.8	8.5	7.0	7.3	5.1	6.1
FALCON IV (F-4)	5.8	6.0	5.3	6.4	5.2	5.9	5.2	6.5	7.3	7.9	5.5	6.1
JUSTICE (RB2-01)	5.6	5.5	5.7	6.0	5.8	6.4	4.9	6.8	7.3	7.8	5.2	6.1
BLACKWATCH (PICK-0D3-01)	5.7	6.1	5.6	5.5	5.3	6.0	5.0	7.7	7.2	7.3	5.3	6.1
MASTERPIECE	5.4	5.3	5.8	6.4	5.1	5.7	4.8	8.3	7.0	7.6	5.2	6.1
REMBRANDT	5.5	5.4	5.8	6.4	5.4	5.6	5.1	8.0	6.7	7.7	5.0	6.0
RAPTOR (CIS-TF-33)	5.5	6.1	5.6	5.5	4.7	6.0	4.8	7.7	7.2	8.0	5.4	6.0
SR 8600	5.8	5.8	5.6	5.9	5.4	5.9	4.5	7.5	7.0	7.7	5.1	6.0
AVENGER (L1Z)	6.1	5.3	5.6	4.8	5.5	6.3	5.0	7.2	6.8	7.9	5.6	6.0
SCORPION	5.3	6.2	5.5	5.6	5.1	6.0	4.9	8.2	7.0	7.2	5.2	6.0
BE1	5.2	5.5	5.5	5.7	5.0	6.0	5.0	8.7	7.2	7.2	5.3	6.0
CAS-MC1	5.3	5.0	6.2	5.9	5.2	6.0	4.9	7.8	7.0	7.7	5.0	6.0
2ND MILLENNIUM	5.2	5.8	5.4	5.6	4.9	5.9	4.8	8.3	7.0	7.5	5.4	6.0
MILLENNIUM	5.5	6.8	5.2	5.9	5.5	6.0	4.7	7.2	6.3	7.2	5.5	6.0
REBEL EXEDA	6.0	5.7	5.5	5.8	4.4	6.0	5.1	7.3	6.7	7.7	5.6	6.0
01-ORU1	5.5	5.8	6.0	5.3	5.2	6.0	4.6	8.2	6.8	7.3	4.9	6.0
GUARDIAN-21 (ROBERTS DOL)	6.0	5.0	5.5	6.4	4.6	6.0	5.2	7.7	6.5	7.7	5.3	6.0
COCHISE III (018)	5.4	5.9	5.4	5.5	5.0	6.1	4.9	7.5	7.2	7.5	5.3	6.0
PROSEEDS 5301	5.5	5.5	6.1	5.9	5.4	6.0	4.7	8.0	6.2	7.5	5.0	6.0
PADRE (NJ4)	5.4	6.3	5.6	5.7	5.0	6.0	5.3	7.0	6.5	7.5	5.1	6.0
MA 127	5.2	5.8	5.5	6.0	5.2	5.7	4.5	8.0	6.5	8.0	5.2	6.0
INFERNO (JT-99)	5.4	5.2	5.4	5.3	4.8	6.4	4.9	7.8	7.2	7.9	5.2	5.9
BINGO	6.0	5.7	5.2	5.7	4.9	6.4	4.4	7.7	6.8	7.7	5.1	5.9
CIS-TF-65	5.2	6.3	5.3	6.6	4.8	5.9	4.6	7.8	6.5	7.3	5.1	5.9
KO1-WAF	5.8	5.1	5.9	5.5	5.0	6.1	5.2	7.2	6.7	7.6	5.3	5.9
DAVINCI (LTP-7801)	5.4	6.3	5.4	5.5	5.5	6.3	5.2	6.3	6.7	7.7	5.1	5.9
WOLFPACK	5.1	5.7	5.3	5.0	5.5	5.7	4.8	8.7	7.0	7.4	5.2	5.9
PST-5S12	5.4	5.4	5.7	6.3	4.8	5.7	4.4	8.3	6.8	7.3	5.2	5.9
TAHOE (CAS-157)	5.4	5.3	5.4	6.2	4.9	5.6	5.0	8.2	6.7	7.7	5.0	5.9
CIS-TF-67	5.8	5.2	5.5	6.1	5.1	5.8	5.1	7.0	6.5	7.9	5.3	5.9
FOCUS	5.5	6.6	5.0	6.6	4.9	6.0	4.6	7.3	6.5	7.1	5.1	5.9
SILVERSTAR (PST-5ASR)	5.5	5.6	5.3	5.7	4.7	5.9	5.3	8.3	6.7	7.1	5.2	5.9
ROBERTS SM4	5.5	5.4	5.0	6.3	4.9	5.4	4.7	8.5	6.8	7.9	5.0	5.9
MRF 25	5.4	5.4	5.9	6.5	5.3	5.5	4.5	7.3	6.8	7.5	5.0	5.9
PICASSO	5.5	6.0	5.4	5.5	5.4	5.7	4.5	7.2	6.8	8.0	5.2	5.9
PST-57E	5.2	5.4	5.5	6.0	5.0	5.9	5.0	8.3	6.3	7.4	5.1	5.9
01-RUTOR2	5.5	5.4	5.8	5.6	4.8	5.7	4.3	8.5	6.8	7.5	5.0	5.9
MAGELLAN (OD-4)	5.8	5.3	5.4	6.3	5.0	5.6	5.3	7.3	6.5	7.5	5.3	5.9
MA 138	5.1	5.7	5.4	6.0	5.0	6.0	4.5	8.5	6.7	7.0	5.0	5.9
UT-RB3	5.4	5.9	5.2	5.9	4.9	6.1	4.7	7.8	6.5	7.3	5.3	5.9

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" **
2002 DATA

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

NAME	AL1	IA1	IL1	IL2	KS2	MA1	MO1	NE1	NY1	PA1	WI1	MEAN
RENDITION	5.3	5.1	5.8	5.7	4.9	6.0	5.0	7.2	7.0	7.7	5.3	5.9
JAGUAR 3	5.1	6.2	5.4	5.4	5.2	6.3	4.6	7.2	6.7	7.8	5.1	5.9
K01-8015	6.2	5.0	5.3	5.5	4.5	6.1	4.8	7.7	6.7	7.7	5.5	5.9
PST-5A1	5.7	5.3	5.4	5.0	5.4	5.6	4.6	8.7	6.7	7.4	5.1	5.9
EA 163	4.7	5.4	6.0	5.8	5.3	5.6	4.5	7.7	7.0	7.8	4.9	5.9
ATF 704	4.8	6.3	5.3	5.3	5.1	5.7	4.8	8.5	6.5	7.4	5.1	5.9
UT-155	5.3	5.9	5.2	5.7	4.3	5.5	4.8	8.3	6.8	7.7	5.1	5.9
TITANIUM (SBM)	5.7	5.6	5.3	6.3	5.1	6.0	4.7	6.8	6.7	7.4	5.1	5.9
DOMINION	5.1	5.7	5.5	5.7	5.0	5.7	4.7	8.0	7.0	7.1	5.1	5.9
FORTE (BE-2)	5.5	5.4	5.4	6.4	4.8	5.9	5.0	6.8	7.0	7.3	5.3	5.9
TOMAHAWK RT	5.1	5.8	5.7	6.1	4.6	5.6	4.8	7.8	6.7	7.2	5.1	5.9
REBEL SENTRY	5.5	5.3	5.7	5.0	5.4	5.9	4.9	7.5	6.8	7.5	5.0	5.9
PST-5NAS	5.5	5.3	4.8	6.2	5.0	5.5	4.5	8.5	6.5	7.6	5.1	5.9
BARLEXAS II	5.0	5.6	5.3	6.3	5.3	4.9	4.4	8.3	6.8	7.4	5.2	5.9
SILVERADO II (PST-578)	5.3	5.7	5.6	5.6	4.9	5.6	4.8	8.0	6.7	7.2	5.3	5.9
BARRINGTON	5.4	5.6	5.4	6.1	4.9	5.5	4.4	7.5	6.8	7.6	5.3	5.9
BARRERA	5.3	5.3	5.0	6.5	4.9	5.8	4.4	8.0	6.5	7.6	5.2	5.9
WATCHDOG	5.4	5.2	5.5	5.4	5.6	5.8	4.5	7.3	6.7	7.5	5.6	5.9
CAS-ED	5.2	5.7	5.7	5.6	5.5	4.9	4.6	8.0	6.8	7.3	5.0	5.9
SOUTHERN CHOICE II	5.0	5.7	5.9	6.4	4.9	5.4	4.5	8.2	6.3	7.0	5.0	5.9
MATADOR	5.2	5.5	5.6	5.3	5.0	5.8	4.6	8.2	7.0	7.0	5.3	5.8
LEGITIMATE	5.2	6.3	5.7	6.0	4.8	5.6	4.3	7.5	6.5	7.4	5.1	5.8
QUEST	5.1	6.1	5.8	5.6	4.9	5.6	4.5	7.8	6.5	7.3	5.2	5.8
BAR FA 1005	5.5	6.0	4.8	5.7	4.7	5.9	4.9	7.5	6.5	7.8	5.0	5.8
ATF-800	5.3	6.3	5.6	4.8	5.1	5.4	4.6	7.5	7.0	7.5	5.1	5.8
DLF-J210	5.0	5.9	5.3	6.1	5.1	5.1	4.1	8.7	7.0	6.7	5.1	5.8
CIS-TF-77	5.5	5.4	5.0	6.3	5.1	5.8	5.1	6.3	6.8	7.5	5.2	5.8
PROSPECT	5.4	5.2	5.2	5.9	5.3	5.6	4.8	7.5	6.8	7.3	5.1	5.8
PST-5JM	5.3	5.3	5.8	5.6	4.6	6.1	4.8	7.8	6.7	7.1	5.1	5.8
SR 8550 (SRX 8BE4)	5.5	5.2	5.1	5.0	4.9	6.1	4.5	8.5	6.5	7.6	5.2	5.8
K01-E09	5.0	5.9	5.4	5.3	5.0	5.2	4.8	8.2	6.7	7.7	5.0	5.8
JT-6	5.4	5.3	5.9	6.1	4.5	5.4	4.8	7.7	6.7	7.4	4.8	5.8
TEMPEST	5.3	6.3	5.6	4.9	5.0	6.0	4.5	7.5	7.0	6.9	5.0	5.8
K01-E03	5.2	4.9	5.2	6.0	5.0	5.9	4.6	8.8	6.5	6.9	5.0	5.8
PICK ZMG	5.6	5.3	5.5	5.7	5.0	5.5	4.5	7.7	6.5	7.4	5.1	5.8
FALCON II	4.8	5.6	5.6	5.9	5.3	5.9	4.2	7.3	6.8	7.4	5.0	5.8
PST-5T1	5.5	5.5	5.3	5.9	5.1	5.9	4.8	7.3	6.3	7.1	5.0	5.8
PST-5BAB	5.3	6.1	5.3	5.2	5.2	5.4	4.8	7.0	7.0	7.4	5.0	5.8
FIVE POINT (MCN-RC)	5.0	5.5	5.2	5.7	5.1	5.9	4.3	7.2	7.0	7.8	5.2	5.8
GO-0D2	5.4	4.8	5.7	5.8	5.2	5.7	4.7	7.7	6.3	7.5	5.0	5.8
CAYENNE	5.6	5.3	5.4	6.0	5.0	5.8	4.8	6.0	6.8	8.1	5.0	5.8
B-7001	5.1	5.3	5.2	5.6	4.8	5.9	4.5	8.2	6.7	7.5	5.0	5.8
ATF-803	5.1	5.7	5.5	4.8	5.3	5.5	4.4	8.2	6.7	7.1	5.3	5.8
BARLEXAS	5.1	6.0	5.4	5.5	4.8	5.5	4.6	7.2	7.0	7.3	5.2	5.8
BILTMORE	5.2	5.3	5.7	5.6	5.1	5.8	4.8	6.8	6.8	6.9	5.3	5.8

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" **
2002 DATA

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

NAME	AL1	IA1	IL1	IL2	KS2	MA1	MO1	NE1	NY1	PA1	WI1	MEAN
MA 158	5.2	5.6	5.3	5.7	4.9	5.8	4.6	7.5	6.8	7.1	5.0	5.8
CONSTITUTION (ATF-593)	5.2	5.4	5.3	5.5	5.0	5.7	4.7	7.0	6.8	7.7	5.2	5.8
PST-5FZD	5.9	5.2	5.2	5.5	4.9	6.1	4.6	7.2	6.5	7.1	5.3	5.8
JT-15	5.0	4.9	5.7	5.7	4.6	6.0	4.6	8.2	6.3	7.5	4.9	5.8
MUSTANG 3	5.5	5.4	5.3	6.2	4.2	6.0	5.0	6.2	6.7	7.5	5.4	5.8
ATF 799	5.3	5.1	5.3	6.1	5.0	5.5	4.6	7.8	6.7	6.9	4.9	5.8
PST-5L0	5.3	5.5	5.3	5.8	5.0	5.8	4.6	6.8	6.7	7.2	5.3	5.8
TITAN LTD.	5.4	6.1	5.6	5.0	5.3	5.1	4.8	7.0	7.0	6.9	5.1	5.8
WYATT	5.1	6.2	5.5	4.6	5.0	5.4	4.4	8.3	6.7	6.9	5.2	5.7
TAR HEEL II (PST-5TR1)	5.2	5.4	5.9	5.1	4.7	6.0	4.7	7.5	6.5	7.1	5.1	5.7
JT-18	5.2	5.3	5.5	4.6	5.0	5.5	4.7	7.8	6.8	7.5	5.2	5.7
KITTY HAWK 2000	5.0	5.2	5.4	5.4	4.9	6.1	4.7	7.3	6.7	6.9	5.4	5.7
MRF 211	5.0	5.8	5.6	5.4	4.0	5.8	4.6	8.5	6.5	6.8	5.2	5.7
SRX 805	5.3	5.6	5.6	5.8	4.0	6.0	4.4	7.7	6.8	6.9	5.0	5.7
ENDEAVOR	5.1	5.6	5.3	6.1	4.9	5.6	5.0	6.7	6.5	7.1	5.2	5.7
PST-5BZ	4.9	5.9	5.7	5.0	5.0	5.4	4.5	7.3	6.8	7.3	5.0	5.7
MRF 210	5.4	5.5	5.7	4.2	5.4	5.4	4.7	8.2	6.8	6.7	5.0	5.7
MRF 28	5.3	5.4	5.6	4.5	4.7	5.6	4.6	8.2	6.8	6.9	5.3	5.7
PST-5KI	5.4	5.2	5.1	5.7	3.9	5.4	4.6	8.5	6.7	7.3	5.2	5.7
DYNASTY	5.8	4.9	5.0	5.9	5.7	5.4	4.9	6.3	6.7	7.1	5.2	5.7
KALAHARI	5.4	4.9	4.9	6.4	4.7	6.0	4.7	7.8	6.2	6.9	5.0	5.7
MRF 29	5.7	5.0	5.9	5.3	4.5	5.7	4.8	7.8	6.5	6.8	4.9	5.7
SOUTH PAW (MRF 24)	4.8	4.9	5.3	5.9	4.9	5.6	4.4	8.3	6.7	6.9	5.1	5.7
JT-9	5.4	5.1	5.3	4.6	5.7	5.4	4.5	8.3	6.5	6.9	5.2	5.7
GREMLIN (P-58)	5.5	5.4	5.5	5.2	5.2	5.3	4.7	6.7	6.3	8.1	5.0	5.7
PICK TF H-97	5.3	6.1	5.0	5.1	5.1	5.6	4.5	6.8	6.8	7.5	5.0	5.7
LARAMIE	5.4	4.8	5.3	4.7	5.4	5.7	4.5	8.0	6.5	7.4	5.1	5.7
MRF 27	5.1	4.7	5.9	5.1	5.2	5.6	4.7	7.7	6.8	6.9	5.0	5.7
K01-8007	5.1	5.2	5.7	5.4	4.2	5.5	4.8	7.8	6.8	6.9	5.3	5.7
FINESSE II	5.4	5.9	4.9	5.4	4.9	5.7	4.9	7.0	6.8	6.9	5.0	5.7
GO-RD4	5.0	5.5	5.4	5.1	5.1	5.5	4.4	8.2	6.5	7.1	5.0	5.7
PST-53T	5.3	4.7	4.9	5.3	4.8	5.9	4.9	7.8	6.5	7.5	5.2	5.7
CIS-TF-64	5.1	5.1	5.0	5.0	4.3	5.9	4.8	8.3	6.3	7.7	5.2	5.7
PICK-00-AFA	5.5	5.4	5.1	5.0	4.5	6.0	4.5	6.8	6.7	7.9	5.1	5.7
BAR FA 1003	4.9	5.6	4.7	5.7	5.3	5.6	4.8	7.2	6.3	7.5	4.9	5.7
MRF 26	5.4	5.1	6.0	4.9	5.5	5.1	4.5	7.0	6.7	7.3	5.0	5.7
DAYTONA (MRF 23)	5.0	5.3	5.5	5.0	5.0	5.6	4.5	8.5	6.2	6.9	5.0	5.7
PLANTATION	5.2	5.6	5.1	5.4	5.1	5.5	4.5	6.3	6.7	7.9	5.2	5.7
GO-FL3	5.1	5.6	5.5	5.4	4.9	5.1	4.4	8.2	6.3	6.7	5.1	5.7
SR 8250	5.5	5.7	5.3	4.3	4.8	5.8	4.5	6.8	6.8	7.3	5.3	5.7
JT-12	4.8	5.0	5.2	5.8	4.6	5.7	4.8	8.0	6.3	7.1	4.9	5.7
PURE GOLD	5.3	4.8	5.5	4.6	5.0	5.9	4.7	7.8	6.5	7.0	5.1	5.7
ELISA	4.7	5.4	5.2	5.9	5.0	5.3	4.7	7.0	6.3	7.4	5.3	5.7
01-TFOR3	5.3	5.8	5.5	5.7	4.9	5.6	4.0	7.2	6.5	6.9	4.8	5.6
DP 50-9226	5.0	5.6	5.1	4.7	5.1	5.3	4.5	8.3	6.8	6.5	5.0	5.6

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" **
2002 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											MEAN
	AL1	IA1	IL1	IL2	KS2	MA1	MO1	NE1	NY1	PA1	WI1	
PST-DDL	4.9	5.3	5.6	5.0	4.7	5.3	5.0	7.7	6.5	7.0	5.1	5.6
JTTF-2000	5.4	5.9	4.9	4.7	4.7	5.6	4.0	8.3	6.3	7.1	5.1	5.6
BAR FA 1CR7	5.1	4.8	5.4	5.4	5.0	5.3	4.4	7.8	6.7	6.9	5.1	5.6
TULSA II (ATF 706)	5.4	5.5	5.4	5.3	5.0	5.4	4.2	6.5	7.0	7.1	5.1	5.6
JT-13	4.8	5.1	5.3	4.6	5.0	5.6	4.5	7.8	6.7	7.4	5.3	5.6
ATF 702	4.8	5.3	5.0	5.5	5.0	5.8	4.5	6.8	6.8	7.3	5.0	5.6
BRAVO	5.3	5.7	4.9	5.2	5.2	5.5	4.4	7.0	6.7	6.9	5.1	5.6
COYOTE	5.3	5.4	5.1	4.7	5.5	6.0	4.3	7.5	6.3	6.7	4.9	5.6
PST-5KU	5.0	5.4	4.9	5.3	5.3	5.4	4.3	7.7	6.5	6.8	5.0	5.6
STETSON	5.3	5.4	5.2	5.1	5.4	5.3	4.5	7.0	6.5	6.9	5.0	5.6
PST-5TU0	5.2	4.9	5.3	5.0	5.0	5.1	4.3	7.7	6.8	7.1	5.0	5.6
CIS-TF-60	4.9	5.2	4.7	5.1	4.6	5.9	4.6	7.2	6.5	7.9	5.0	5.6
GO-SIU2	5.2	4.9	5.0	4.9	4.7	5.5	4.2	8.3	6.7	7.0	5.0	5.6
ATF 707	4.8	4.9	5.5	5.6	5.0	5.1	4.4	7.3	6.7	6.9	5.0	5.6
TF66	5.3	5.0	5.3	5.3	4.6	5.4	4.3	7.2	6.5	7.3	5.0	5.6
TRACER	5.3	5.4	5.0	4.6	4.2	6.0	4.1	7.0	6.7	7.6	5.2	5.5
SIGNIA	5.1	4.9	5.1	5.2	5.0	5.2	4.4	6.7	6.5	7.8	5.0	5.5
COVENANT (ATF 802)	5.2	5.1	5.2	4.9	4.4	5.5	4.5	7.0	6.8	7.1	5.0	5.5
ATF 806	5.1	4.7	5.0	4.9	4.8	5.4	4.1	7.7	6.8	6.9	5.2	5.5
NA-TDD	5.3	4.9	5.4	5.4	4.0	5.7	4.5	7.2	6.8	6.4	5.0	5.5
DP 50-9082	5.0	5.6	5.2	4.6	4.7	5.0	4.2	7.5	6.5	6.9	5.0	5.5
BONSAI	4.3	5.9	5.2	4.3	4.6	5.0	4.2	8.3	6.5	6.7	4.8	5.4
ATF 586	5.4	4.6	5.0	5.6	4.6	5.5	5.0	5.3	7.0	6.9	5.1	5.4
T991	5.0	5.1	4.9	4.4	4.1	5.2	4.2	8.5	6.5	6.9	4.9	5.4
LANCER	5.0	5.5	5.0	5.2	4.6	5.0	4.6	6.0	6.3	6.5	5.0	5.3
KY-31 E+	3.9	4.2	4.5	6.0	4.0	4.1	3.6	6.8	5.7	5.7	3.9	4.8
LSD VALUE	0.6	1.1	1.5	1.7	1.0	0.7	0.6	0.7	0.7	0.9	0.3	0.3
C.V. (%)	6.6	12.1	17.7	18.8	12.3	7.3	8.5	5.7	6.3	8.0	4.0	10.4

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.

** SCHEDULE B - 2.5 - 3.5 INCH MOWING HEIGHT
0 - 2 lbs. N/1000 FT²/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
2002 DATA

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

NAME	MI2	NE2	NJ3	MEAN	NAME	MI2	NE2	NJ3	MEAN
GO-FL3	5.2	7.8	6.4	6.5	DOMINION	5.4	6.5	5.8	5.9
FINELAWN ELITE (DLSD)	5.7	7.5	6.2	6.4	MILLENNIUM	5.7	5.8	6.1	5.9
MASTERPIECE	5.7	7.7	6.0	6.4	KO1-8015	5.6	7.5	4.5	5.9
ROBERTS SM4	6.0	7.7	5.7	6.4	MRF 211	5.3	7.3	5.0	5.9
MRF 210	5.8	7.8	5.7	6.4	GRANDE II	5.6	7.3	4.7	5.9
TAR HEEL	5.4	8.3	5.5	6.4	PST-5NAS	5.7	7.2	4.7	5.8
BE1	5.8	8.2	5.3	6.4	GUARDIAN-21 (ROBERTS DOL)	5.6	6.8	5.1	5.8
OLYMPIC GOLD	5.8	7.5	5.9	6.4	TAR HEEL II (PST-5TR1)	5.9	6.7	5.0	5.8
O1-ORU1	5.7	7.3	6.2	6.4	B-7001	5.3	7.5	4.7	5.8
JT-13	5.8	7.8	5.5	6.4	PST-5JM	5.2	6.7	5.6	5.8
WOLFPACK	6.0	7.7	5.3	6.3	PST-5T1	5.7	6.5	5.3	5.8
PST-5A1	5.7	7.7	5.5	6.3	DP 50-9226	5.5	7.0	4.9	5.8
BLACKWATCH (PICK-OD3-01)	5.9	6.8	6.1	6.3	WYATT	5.4	7.5	4.5	5.8
2ND MILLENNIUM	6.0	6.8	5.9	6.2	ATF-800	5.6	7.2	4.7	5.8
TITAN LTD.	5.5	6.3	6.8	6.2	TITANIUM (SBM)	5.6	6.7	5.2	5.8
BINGO	5.5	6.8	6.3	6.2	CAS-ED	5.4	7.0	5.0	5.8
JT-15	5.5	7.8	5.3	6.2	FALCON IV (F-4)	5.6	5.7	6.1	5.8
O1-RUTOR2	5.4	7.0	6.2	6.2	SR 8600	5.3	7.0	5.0	5.8
FORTE (BE-2)	6.0	6.3	6.0	6.1	INFERNO (JT-99)	5.8	6.8	4.7	5.8
SCORPION	5.7	7.3	5.3	6.1	PST-5BAB	5.5	6.7	5.2	5.8
SILVERSTAR (PST-5ASR)	5.8	7.0	5.5	6.1	SOUTH PAW (MRF 24)	5.4	7.5	4.4	5.8
KO1-E03	5.4	8.0	4.9	6.1	PICK ZMG	5.8	6.5	5.0	5.8
SR 8550 (SRX 8BE4)	5.6	7.3	5.3	6.1	BARRERA	5.4	7.3	4.5	5.8
R-4	6.1	7.5	4.7	6.1	PST-5S12	5.6	7.5	4.1	5.7
MRF 27	6.1	7.2	4.9	6.1	JUSTICE (RB2-01)	6.2	6.0	5.0	5.7
PST-53T	5.8	6.8	5.6	6.1	MRF 25	5.6	6.8	4.8	5.7
PST-57E	5.6	7.5	5.1	6.1	FALCON II	5.5	6.3	5.4	5.7
WATCHDOG	5.6	6.8	5.8	6.1	GO-RD4	5.1	6.7	5.4	5.7
GO-0D2	5.8	7.3	5.0	6.0	UT-155	5.5	7.2	4.6	5.7
MRF 29	6.0	6.7	5.4	6.0	TEMPEST	5.4	7.2	4.6	5.7
PST-5KI	5.5	7.3	5.3	6.0	LEGITIMATE	5.3	7.0	4.8	5.7
BARRINGTON	5.6	6.8	5.6	6.0	JT-18	5.5	7.5	4.2	5.7
DLF-J210	5.6	7.8	4.6	6.0	GO-SIU2	5.3	7.8	4.0	5.7
BARLEXAS II	5.5	7.2	5.3	6.0	KO1-E09	5.5	7.3	4.3	5.7
JAGUAR 3	5.5	6.2	6.3	6.0	SR 8250	5.6	6.7	4.8	5.7
PST-5BZ	5.5	7.0	5.4	6.0	KO1-WAF	6.1	6.2	4.8	5.7
RAPTOR (CIS-TF-33)	5.9	7.2	4.9	6.0	TOMAHAWK RT	5.5	6.8	4.8	5.7
ATF-803	5.7	7.0	5.2	5.9	CIS-TF-67	5.5	6.3	5.2	5.7
ELISA	5.6	5.8	6.4	5.9	COYOTE	5.2	6.7	5.2	5.7
JT-9	5.8	7.3	4.7	5.9	PROSEEDS 5301	6.4	6.8	3.8	5.7
ENDEAVOR	5.4	6.7	5.7	5.9	JT-12	5.3	7.2	4.5	5.7
TAHOE (CAS-157)	5.8	7.0	4.9	5.9	JTFF-2000	5.7	7.2	4.1	5.6
QUEST	5.7	7.0	5.0	5.9	PST-5FZD	5.9	6.8	4.2	5.6
JT-6	5.6	6.8	5.3	5.9	O1-TFOR3	5.5	6.7	4.8	5.6
					PADRE (NJ4)	5.4	6.3	5.2	5.6

TABLE 3.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS IN THE U.S. 1/
UNDER TRAFFIC STRESS
2002 DATA

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

NAME	MI2	NE2	NJ3	MEAN	NAME	MI2	NE2	NJ3	MEAN
SOUTHERN CHOICE II	5.4	6.7	4.8	5.6	K01-8007	5.6	6.5	4.1	5.4
REMBRANDT	5.5	6.8	4.5	5.6	PST-SKU	5.4	7.0	3.8	5.4
MATADOR	5.4	6.8	4.6	5.6	CIS-TF-64	5.3	7.2	3.7	5.4
PST-DDL	5.4	6.8	4.6	5.6	KALAHARI	5.6	6.2	4.4	5.4
REBEL EXEDA	5.8	6.7	4.4	5.6	ATF 702	5.7	6.3	4.1	5.4
PROSPECT	5.4	6.8	4.6	5.6	BAR FA 1003	5.6	6.2	4.3	5.3
TRACER	5.5	6.0	5.3	5.6	PICK-00-AFA	5.7	6.5	3.8	5.3
SRX 805	5.5	6.8	4.4	5.6	DP 50-9082	5.2	6.0	4.8	5.3
STETSON	5.5	6.3	4.9	5.6	CONSTITUTION (ATF-593)	5.5	6.5	4.0	5.3
EA 163	5.4	6.7	4.7	5.6	ATF 704	5.4	7.2	3.4	5.3
TF66	5.5	6.5	4.7	5.6	MUSTANG 3	5.4	5.5	5.1	5.3
BARLEXAS	5.8	5.8	5.1	5.6	FOCUS	5.6	5.8	4.5	5.3
SILVERADO II (PST-578)	5.7	6.8	4.2	5.6	RENDITION	5.3	6.0	4.6	5.3
CAS-MC1	5.6	6.8	4.3	5.6	PST-5L0	5.5	6.7	3.8	5.3
MA 158	5.5	6.8	4.3	5.5	LANCER	5.2	6.2	4.5	5.3
BAR FA 1005	5.7	6.5	4.4	5.5	DYNASTY	5.4	5.5	4.9	5.3
GREMLIN (P-58)	5.7	6.0	4.9	5.5	BILTMORE	5.3	6.3	4.2	5.3
PST-5TU0	5.7	6.3	4.6	5.5	PLANTATION	5.5	6.5	3.8	5.3
UT-RB3	5.5	6.8	4.3	5.5	CIS-TF-60	5.7	6.0	4.1	5.3
MRF 28	5.3	7.0	4.3	5.5	REBEL SENTRY	5.3	6.0	4.5	5.3
LARAMIE	5.6	6.8	4.2	5.5	ATF 806	5.3	6.8	3.6	5.2
PICASSO	5.5	6.0	5.1	5.5	ATF 707	5.2	5.8	4.6	5.2
CIS-TF-77	5.7	5.7	5.2	5.5	ATF 799	5.5	7.2	3.0	5.2
BAR FA 1CR7	5.6	7.2	3.8	5.5	ATF 586	5.5	5.7	4.4	5.2
MRF 26	5.6	6.7	4.3	5.5	FINESSE II	5.5	5.7	4.4	5.2
MA 127	5.4	6.8	4.3	5.5	SIGNIA	5.3	6.2	4.0	5.2
COVENANT (ATF 802)	5.4	6.3	4.8	5.5	CAYENNE	5.7	5.5	4.3	5.2
TULSA II (ATF 706)	5.4	5.5	5.5	5.5	PICK TF H-97	5.7	6.2	3.6	5.2
DAYTONA (MRF 23)	5.3	7.3	3.8	5.5	KY-31 E+	5.1	6.0	4.3	5.1
MA 138	5.6	7.3	3.5	5.5	DAVINCI (LTP-7801)	6.1	5.7	3.6	5.1
BRAVO	5.5	5.7	5.3	5.5	KITTY HAWK 2000	5.5	6.3	3.5	5.1
MAGELLAN (OD-4)	5.4	6.5	4.5	5.5	BONSAI	5.4	6.8	3.1	5.1
FIVE POINT (MCN-RC)	5.7	6.0	4.7	5.5	NA-TDD	5.7	6.0	3.4	5.0
COCHISE III (018)	6.1	6.0	4.3	5.4	PURE GOLD	5.3	6.8	2.8	5.0
T991	5.4	7.3	3.6	5.4					
CIS-TF-65	5.8	6.7	3.8	5.4	LSO VALUE	0.5	0.8	1.5	0.6
AVENGER (L1Z)	6.3	6.5	3.4	5.4	C.V. (%)	5.8	7.5	19.6	11.1

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

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

TABLE 4.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2002 DATA

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

NAME	MA1	NY1	PA1	MEAN	NAME	MA1	NY1	PA1	MEAN
JUSTICE (RB2-01)	6.4	7.3	7.8	7.2	FALCON II	5.9	6.8	7.4	6.7
R-4	6.4	7.0	8.1	7.2	ROBERTS SM4	5.4	6.8	7.9	6.7
INFERNO (JT-99)	6.4	7.2	7.9	7.2	PLANTATION	5.5	6.7	7.9	6.7
FALCON IV (F-4)	5.9	7.3	7.9	7.1	WOLFPACK	5.7	7.0	7.4	6.7
RAPTOR (CIS-TF-33)	6.0	7.2	8.0	7.1	01-RUTOR2	5.7	6.8	7.5	6.7
AVENGER (L1Z)	6.3	6.8	7.9	7.0	UT-155	5.5	6.8	7.7	6.7
BINGO	6.4	6.8	7.7	7.0	TAHOE (CAS-157)	5.6	6.7	7.7	6.7
COCHISE III (018)	6.1	7.2	7.5	6.9	TITANIUM (SBM)	6.0	6.7	7.4	6.7
JAGUAR 3	6.3	6.7	7.8	6.9	PADRE (NJ4)	6.0	6.5	7.5	6.7
RENDITION	6.0	7.0	7.7	6.9	SR 8250	5.8	6.8	7.3	6.7
CAYENNE	5.8	6.8	8.1	6.9	BARRINGTON	5.5	6.8	7.6	6.7
CAS-MC1	6.0	7.0	7.7	6.9	REMBRANDT	5.6	6.7	7.7	6.7
FIVE POINT (MCN-RC)	5.9	7.0	7.8	6.9	WATCHDOG	5.8	6.7	7.5	6.6
DAVINCI (LTP-7801)	6.3	6.7	7.7	6.9	PICK TF H-97	5.6	6.8	7.5	6.6
SR 8600	5.9	7.0	7.7	6.9	TEMPEST	6.0	7.0	6.9	6.6
PICASSO	5.7	6.8	8.0	6.8	BARRERA	5.8	6.5	7.6	6.6
GRANDE II	5.8	7.0	7.7	6.8	ATF 702	5.8	6.8	7.3	6.6
PICK-00-AFA	6.0	6.7	7.9	6.8	UT-RB3	6.1	6.5	7.3	6.6
OLYMPIC GOLD	6.2	7.0	7.3	6.8	CIS-TF-64	5.9	6.3	7.7	6.6
TAR HEEL	5.9	7.3	7.3	6.8	PST-5S12	5.7	6.8	7.3	6.6
KO1-8015	6.1	6.7	7.7	6.8	PST-5JM	6.1	6.7	7.1	6.6
EA 163	5.6	7.0	7.8	6.8	PST-53T	5.9	6.5	7.5	6.6
BE1	6.0	7.2	7.2	6.8	DOMINION	5.7	7.0	7.1	6.6
KO1-WAF	6.1	6.7	7.6	6.8	ATF-800	5.4	7.0	7.5	6.6
2ND MILLENNIUM	5.9	7.0	7.5	6.8	PST-5BAB	5.4	7.0	7.4	6.6
BLACKWATCH (PICK-OD3-01)	6.0	7.2	7.3	6.8	JT-18	5.5	6.8	7.5	6.6
REBEL EXEDA	6.0	6.7	7.7	6.8	JT-15	6.0	6.3	7.5	6.6
MASTERPIECE	5.7	7.0	7.6	6.8	MRF 25	5.5	6.8	7.5	6.6
CIS-TF-60	5.9	6.5	7.9	6.8	MATADOR	5.8	7.0	7.0	6.6
REBEL SENTRY	5.9	6.8	7.5	6.8	BARLEXAS	5.5	7.0	7.3	6.6
TRACER	6.0	6.7	7.6	6.8	KITTY HAWK 2000	6.1	6.7	6.9	6.6
GUARDIAN-21 (ROBERTS DOL)	6.0	6.5	7.7	6.7	GREMLIN (P-58)	5.3	6.3	8.1	6.6
SR 8550 (SRX 8BE4)	6.1	6.5	7.6	6.7	MA 158	5.8	6.8	7.1	6.6
CIS-TF-67	5.8	6.5	7.9	6.7	MA 138	6.0	6.7	7.0	6.6
CONSTITUTION (ATF-593)	5.7	6.8	7.7	6.7	SILVERSTAR (PST-5ASR)	5.9	6.7	7.1	6.6
MA 127	5.7	6.5	8.0	6.7	SRX 805	6.0	6.8	6.9	6.6
01-ORU1	6.0	6.8	7.3	6.7	CIS-TF-65	5.9	6.5	7.3	6.6
BAR FA 1005	5.9	6.5	7.8	6.7	PST-5A1	5.6	6.7	7.4	6.6
FINELAWN ELITE (DLSD)	6.0	6.7	7.5	6.7	PROSPECT	5.6	6.8	7.3	6.6
SCORPION	6.0	7.0	7.2	6.7	PST-5FZD	6.1	6.5	7.1	6.6
MUSTANG 3	6.0	6.7	7.5	6.7	JT-13	5.6	6.7	7.4	6.5
CIS-TF-77	5.8	6.8	7.5	6.7	PST-57E	5.9	6.3	7.4	6.5
FORTE (BE-2)	5.9	7.0	7.3	6.7	PST-5L0	5.8	6.7	7.2	6.5
B-7001	5.9	6.7	7.5	6.7	PST-5BZ	5.4	6.8	7.3	6.5
					MAGELLAN (OD-4)	5.6	6.5	7.5	6.5

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2002 DATA

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

NAME	MA1	NY1	PA1	MEAN	NAME	MA1	NY1	PA1	MEAN
FOCUS	6.0	6.5	7.1	6.5	BARLEXAS II	4.9	6.8	7.4	6.4
PROSEEDS 5301	6.0	6.2	7.5	6.5	ATF 799	5.5	6.7	6.9	6.4
TAR HEEL II (PST-5TR1)	6.0	6.5	7.1	6.5	TITAN LTD.	5.1	7.0	6.9	6.4
MILLENNIUM	6.0	6.3	7.2	6.5	CAS-ED	4.9	6.8	7.3	6.4
PST-5NAS	5.5	6.5	7.6	6.5	ELISA	5.3	6.3	7.4	6.4
ATF 704	5.7	6.5	7.4	6.5	JT-12	5.7	6.3	7.1	6.4
LARAMIE	5.7	6.5	7.4	6.5	MRF 211	5.8	6.5	6.8	6.4
SIGNIA	5.2	6.5	7.8	6.5	PST-5TUO	5.1	6.8	7.1	6.4
K01-E09	5.2	6.7	7.7	6.5	BRAVO	5.5	6.7	6.9	6.4
GO-OD2	5.7	6.3	7.5	6.5	KALAHARI	6.0	6.2	6.9	6.4
JT-6	5.4	6.7	7.4	6.5	GO-RD4	5.5	6.5	7.1	6.3
TULSA II (ATF 706)	5.4	7.0	7.1	6.5	MRF 29	5.7	6.5	6.8	6.3
COVENANT (ATF 802)	5.5	6.8	7.1	6.5	MRF 210	5.4	6.8	6.7	6.3
TOMAHAWK RT	5.6	6.7	7.2	6.5	JTTFF-2000	5.6	6.3	7.1	6.3
FINESSE II	5.7	6.8	6.9	6.5	WYATT	5.4	6.7	6.9	6.3
LEGITIMATE	5.6	6.5	7.4	6.5	COYOTE	6.0	6.3	6.7	6.3
BILTMORE	5.8	6.8	6.9	6.5	01-TFOR3	5.6	6.5	6.9	6.3
SILVERADO II (PST-578)	5.6	6.7	7.2	6.5	NA-TDD	5.7	6.8	6.4	6.3
PICK ZMG	5.5	6.5	7.4	6.5	BAR FA 1CR7	5.3	6.7	6.9	6.3
BAR FA 1003	5.6	6.3	7.5	6.5	DLF-J210	5.1	7.0	6.7	6.3
ATF 586	5.5	7.0	6.9	6.5	PST-DDL	5.3	6.5	7.0	6.3
PURE GOLD	5.9	6.5	7.0	6.5	SOUTHERN CHOICE II	5.4	6.3	7.0	6.3
MRF 28	5.6	6.8	6.9	6.5	JT-9	5.4	6.5	6.9	6.2
PST-5KI	5.4	6.7	7.3	6.5	DAYTONA (MRF 23)	5.6	6.2	6.9	6.2
QUEST	5.6	6.5	7.3	6.4	STETSON	5.3	6.5	6.9	6.2
MRF 27	5.6	6.8	6.9	6.4	DP 50-9226	5.3	6.8	6.5	6.2
PST-5T1	5.9	6.3	7.1	6.4	ATF 707	5.1	6.7	6.9	6.2
ATF-803	5.5	6.7	7.1	6.4	PST-5KU	5.4	6.5	6.8	6.2
DYNASTY	5.4	6.7	7.1	6.4	T991	5.2	6.5	6.9	6.2
K01-8007	5.5	6.8	6.9	6.4	DP 50-9082	5.0	6.5	6.9	6.1
K01-E03	5.9	6.5	6.9	6.4	BONSAI	5.0	6.5	6.7	6.1
SOUTH PAW (MRF 24)	5.6	6.7	6.9	6.4	GO-FL3	5.1	6.3	6.7	6.0
ATF 806	5.4	6.8	6.9	6.4	LANCER	5.0	6.3	6.5	6.0
TF66	5.4	6.5	7.3	6.4	KY-31 E+	4.1	5.7	5.7	5.1
ENDEAVOR	5.6	6.5	7.1	6.4					
GO-SIU2	5.5	6.7	7.0	6.4	LSD VALUE	0.7	0.7	0.9	0.4
MRF 26	5.1	6.7	7.3	6.4	C.V. (%)	7.3	6.3	8.0	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 5.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE MID-ATLANTIC REGION
2002 DATA

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

NAME	MD1	NJ1	NJ2	VA1	MEAN	NAME	MD1	NJ1	NJ2	VA1	MEAN
FALCON IV (F-4)	5.9	7.1	6.6	6.7	6.6	PICK-00-AFA	6.0	5.4	4.8	6.7	5.7
INFERNO (JT-99)	6.3	7.0	6.9	6.0	6.5	MASTERPIECE	6.0	5.2	4.7	7.0	5.7
JUSTICE (RB2-01)	5.9	6.3	7.0	6.8	6.5	PST-5BAB	6.2	4.8	4.7	7.1	5.7
AVENGER (L1Z)	6.1	6.5	7.0	6.2	6.5	MATADOR	5.4	5.7	5.3	6.5	5.7
COCHISE III (018)	6.7	6.0	6.4	6.5	6.4	GO-0D2	6.1	4.8	5.0	6.9	5.7
FINELAWN ELITE (DLSD)	6.1	6.0	6.3	7.1	6.4	CONSTITUTION (ATF-593)	5.9	5.0	5.0	6.9	5.7
R-4	6.3	6.8	6.4	5.9	6.3	KO1-E03	5.6	5.5	4.8	6.8	5.7
BILTMORE	6.0	6.1	6.1	6.6	6.2	MAGELLAN (OD-4)	6.6	5.3	4.7	6.1	5.7
RENDITION	6.1	5.7	5.9	7.0	6.2	UT-155	5.9	5.0	5.1	6.6	5.7
TITANIUM (SBM)	6.4	5.7	5.5	7.0	6.1	GRANDE II	6.1	5.2	4.8	6.5	5.7
BLACKWATCH (PICK-0D3-01)	5.8	5.9	6.4	6.5	6.1	QUEST	5.9	5.4	5.3	6.0	5.6
DAVINCI (LTP-7801)	5.8	5.9	6.5	6.4	6.1	CIS-TF-60	6.5	5.6	4.1	6.3	5.6
KO1-WAF	6.3	5.8	5.9	6.6	6.1	PICASSO	5.6	5.2	5.2	6.5	5.6
REBEL EXEDA	6.3	5.3	6.5	6.4	6.1	CIS-TF-67	5.4	5.5	5.3	6.3	5.6
CAYENNE	6.4	5.8	5.3	6.9	6.1	SILVERSTAR (PST-5ASR)	5.7	5.0	4.9	6.9	5.6
KALAHARI	5.9	5.3	5.9	7.2	6.1	PLANTATION	5.6	4.8	5.6	6.5	5.6
01-ORU1	6.1	5.7	5.6	6.9	6.1	BAR FA 1005	6.0	5.5	5.4	5.5	5.6
BE1	6.3	5.6	5.3	7.1	6.1	B-7001	6.0	4.6	5.2	6.7	5.6
FIVE POINT (MCN-RC)	6.2	5.5	5.8	6.6	6.0	ROBERTS SM4	6.0	4.6	5.1	6.7	5.6
KO1-8015	5.9	7.0	5.3	5.9	6.0	PST-53T	6.0	5.2	4.9	6.2	5.6
PST-5A1	6.6	5.4	5.2	6.8	6.0	TAHOE (CAS-157)	5.6	5.0	5.3	6.5	5.6
PST-57E	6.0	5.6	6.1	6.3	6.0	SR 8600	5.6	4.8	5.4	6.5	5.6
REMBRANDT	6.1	5.6	5.1	7.1	6.0	WOLFPACK	5.6	4.8	5.1	6.8	5.6
PADRE (NJ4)	6.8	5.9	5.6	5.5	6.0	PST-5S12	6.0	4.8	5.2	6.4	5.6
CAS-MC1	6.2	5.4	5.5	6.7	6.0	PST-5KU	6.0	4.7	5.0	6.5	5.6
RAPTOR (CIS-TF-33)	6.1	5.5	5.8	6.4	6.0	PST-5NAS	6.2	5.3	4.8	5.8	5.5
PST-DDL	5.7	6.1	5.8	6.1	5.9	PST-5JM	5.7	5.4	5.0	6.0	5.5
BINGO	6.0	6.0	5.5	6.2	5.9	ATF 799	6.2	4.3	4.8	6.8	5.5
PST-5FZD	6.0	5.5	5.2	7.0	5.9	MA 138	6.0	4.6	4.5	6.9	5.5
01-RUTOR2	6.5	5.5	4.9	6.7	5.9	JT-15	6.0	5.4	4.9	5.8	5.5
OLYMPIC GOLD	6.3	5.0	5.2	7.0	5.9	PURE GOLD	6.1	4.5	5.5	5.9	5.5
PST-5T1	6.1	5.6	5.1	6.7	5.9	KO1-8007	6.0	5.7	4.3	6.0	5.5
2ND MILLENNIUM	6.0	5.8	5.6	6.0	5.9	SR 8250	6.0	4.6	5.2	6.2	5.5
GUARDIAN-21 (ROBERTS DOL)	5.6	5.9	6.1	5.7	5.8	MA 127	5.8	5.0	4.8	6.4	5.5
SR 8550 (SRX 8BE4)	6.1	5.4	5.9	5.9	5.8	EA 163	6.4	4.8	4.7	6.0	5.5
PROSEEDS 5301	6.1	5.1	5.6	6.5	5.8	MUSTANG 3	5.7	5.8	5.2	5.1	5.5
PST-5LO	6.3	5.2	5.0	6.8	5.8	PST-STUO	5.8	5.0	4.7	6.4	5.5
GREMLIN (P-58)	6.0	5.1	5.3	6.8	5.8	CIS-TF-77	5.2	5.2	5.1	6.3	5.5
FORTE (BE-2)	6.0	5.5	5.7	6.0	5.8	CAS-ED	6.0	4.7	4.8	6.4	5.4
TAR HEEL II (PST-5TR1)	6.2	5.6	4.9	6.4	5.8	WATCHDOG	5.6	4.9	4.8	6.5	5.4
PST-5KI	6.0	5.2	5.0	6.8	5.8	REBEL SENTRY	5.4	5.1	5.6	5.6	5.4
PST-5BZ	6.3	5.3	5.3	6.3	5.8	SCORPION	5.6	5.2	4.5	6.4	5.4
UT-RB3	5.8	5.2	5.0	7.1	5.8	CIS-TF-65	5.8	5.3	4.8	5.8	5.4
SILVERADO II (PST-578)	6.2	5.4	4.9	6.5	5.7	MRF 27	5.6	4.9	4.6	6.4	5.4
						MRF 29	6.2	4.5	4.7	6.0	5.4

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE MID-ATLANTIC REGION
2002 DATA

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

NAME	MD1	NJ1	NJ2	VA1	MEAN	NAME	MD1	NJ1	NJ2	VA1	MEAN
FOCUS	5.7	4.9	4.8	6.0	5.4	MRF 26	5.6	4.3	4.0	6.5	5.1
TAR HEEL	5.7	4.5	4.5	6.8	5.4	TITAN LTD.	5.1	4.5	4.5	6.1	5.1
K01-E09	5.4	5.1	4.4	6.5	5.4	ATF 586	5.4	4.3	4.1	6.5	5.1
MRF 25	5.9	4.8	4.1	6.7	5.4	DP 50-9226	5.6	4.3	3.9	6.6	5.1
ENDEAVOR	5.8	4.4	4.2	7.0	5.4	JT-13	5.8	5.0	4.5	4.9	5.1
BRAVO	6.0	4.9	4.3	6.2	5.3	JAGUAR 3	5.3	4.4	4.4	6.0	5.0
PICK TF H-97	5.4	4.8	4.8	6.3	5.3	ATF 806	5.0	4.4	4.1	6.6	5.0
MA 158	5.5	4.5	5.1	6.2	5.3	DAYTONA (MRF 23)	5.6	4.0	4.0	6.4	5.0
WYATT	5.7	4.8	4.5	6.2	5.3	TULSA II (ATF 706)	5.4	4.0	4.0	6.5	5.0
DYNASTY	5.0	5.4	5.3	5.5	5.3	01-TFOR3	5.4	4.1	4.0	6.5	5.0
JT-6	5.6	4.8	4.7	6.2	5.3	SOUTH PAW (MRF 24)	5.8	3.7	3.7	6.8	5.0
ATF-803	5.5	4.5	4.1	7.1	5.3	JT-18	6.0	4.3	4.1	5.5	5.0
CIS-TF-64	5.8	5.1	4.8	5.4	5.3	SOUTHERN CHOICE II	5.2	3.8	4.1	6.7	5.0
NA-TDD	5.9	4.9	4.1	6.3	5.3	JT-9	5.9	4.5	4.5	4.8	4.9
PICK ZMG	6.0	4.9	4.5	5.8	5.3	BARLEXAS	5.4	4.4	4.1	5.8	4.9
SIGNIA	5.2	5.1	4.5	6.3	5.3	DOMINION	5.6	4.3	3.8	5.9	4.9
MRF 210	5.9	4.5	4.3	6.4	5.3	LARAMIE	5.4	4.0	4.7	5.4	4.9
COYOTE	6.1	4.2	4.6	6.1	5.3	ATF 704	5.4	3.6	3.8	6.5	4.8
TRACER	5.8	4.8	5.0	5.4	5.3	FALCON II	5.4	3.7	3.6	6.5	4.8
BARRERA	5.7	4.6	5.2	5.6	5.2	DLF-J210	5.3	3.5	3.9	6.3	4.8
FINESSE II	5.3	5.1	4.7	6.0	5.2	T991	5.3	4.3	4.4	5.0	4.7
BARLEXAS II	5.7	4.8	5.1	5.4	5.2	TF66	4.9	4.4	4.3	5.4	4.7
COVENANT (ATF 802)	5.8	4.7	4.2	6.2	5.2	LEGITIMATE	5.0	4.1	3.6	6.0	4.7
JT-12	5.8	5.0	4.7	5.6	5.2	ATF 707	5.2	4.0	3.3	6.0	4.6
BAR FA 1003	5.9	4.2	4.2	6.7	5.2	ELISA	5.0	4.7	3.6	5.2	4.6
PROSPECT	5.5	4.8	4.7	5.9	5.2	JTTFF-2000	4.8	3.9	3.8	6.0	4.6
MILLENNIUM	5.6	4.7	4.6	6.0	5.2	LANCER	5.2	3.9	4.1	5.1	4.6
MRF 28	6.0	4.5	4.3	6.0	5.2	GO-RD4	5.0	3.4	3.3	6.4	4.6
ATF 702	5.9	4.4	4.8	5.8	5.2	GO-SIU2	5.0	3.2	3.3	6.6	4.5
BARRINGTON	5.6	5.0	4.8	5.4	5.2	STETSON	5.5	3.6	3.7	4.9	4.4
ATF-800	6.0	4.2	3.9	6.6	5.2	DP 50-9082	5.3	3.5	2.7	6.0	4.3
MRF 211	5.7	4.8	4.1	6.2	5.2	BONSAI	4.8	3.4	3.0	6.0	4.3
KITTY HAWK 2000	5.7	4.5	4.1	6.2	5.1	GO-FL3	5.0	3.8	3.3	5.0	4.3
SRX 805	5.4	4.2	4.6	6.3	5.1	KY-31 E+	3.4	1.2	1.1	4.0	2.4
TOMAHAWK RT	5.5	4.3	4.5	6.2	5.1						
BAR FA 1CR7	5.8	4.1	4.2	6.4	5.1	LSD VALUE	0.8	0.8	0.7	1.4	0.5
TEMPEST	5.4	4.3	3.9	6.8	5.1	C.V. (%)	8.6	10.2	9.3	14.0	11.1

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION ZONE
2002 DATA

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

NAME	AR1	KS2	KY1	MO1	NC1	OK1	MEAN
K01-WAF	5.6	5.0	7.1	5.2	6.9	6.7	6.1
JUSTICE (RB2-01)	5.2	5.8	7.0	4.9	6.8	6.6	6.0
DAVINCI (LTP-7801)	5.0	5.5	7.0	5.2	7.3	6.3	6.0
CIS-TF-67	5.4	5.1	6.5	5.1	7.0	6.9	6.0
R-4	5.2	5.0	7.4	4.9	6.6	6.8	6.0
MAGELLAN (OD-4)	4.9	5.0	7.2	5.3	6.7	6.8	6.0
UT-RB3	5.1	4.9	7.3	4.7	6.6	7.0	5.9
FALCON IV (F-4)	4.9	5.2	7.1	5.2	6.6	6.5	5.9
AVENGER (L1Z)	5.4	5.5	6.7	5.0	6.1	6.7	5.9
PST-5T1	5.1	5.1	6.9	4.8	6.7	6.7	5.9
CAYENNE	4.9	5.0	7.6	4.8	6.4	6.8	5.9
FINELAWN ELITE (DLSO)	5.3	5.4	6.3	5.0	6.8	6.5	5.9
BLACKWATCH (PICK-OD3-01)	5.0	5.3	6.2	5.0	7.0	6.7	5.9
FORTE (BE-2)	5.4	4.8	6.3	5.0	6.8	6.8	5.9
PADRE (NJ4)	4.9	5.0	6.9	5.3	6.4	6.7	5.9
CIS-TF-60	5.6	4.6	6.5	4.6	7.1	6.7	5.8
SILVERSTAR (PST-5ASR)	5.1	4.7	6.8	5.3	6.4	6.9	5.8
GRANDE II	5.1	5.3	6.7	4.7	6.4	6.8	5.8
SILVERADO II (PST-578)	5.1	4.9	7.0	4.8	6.8	6.5	5.8
2ND MILLENNIUM	5.5	4.9	6.5	4.8	6.8	6.5	5.8
CAS-MC1	4.9	5.2	7.0	4.9	6.4	6.5	5.8
BAR FA 1005	5.4	4.7	6.1	4.9	7.0	6.9	5.8
PICASSO	4.9	5.4	6.9	4.5	6.4	6.9	5.8
MRF 27	4.6	5.2	6.8	4.7	6.9	6.8	5.8
BE1	5.0	5.0	6.6	5.0	6.4	6.9	5.8
REBEL SENTRY	5.0	5.4	6.2	4.9	6.6	6.9	5.8
COCHISE III (018)	5.2	5.0	6.5	4.9	6.8	6.5	5.8
01-ORU1	4.5	5.2	7.3	4.6	6.3	7.0	5.8
BILTMORE	4.9	5.1	6.8	4.8	6.8	6.5	5.8
SR 8600	4.9	5.4	6.8	4.5	6.6	6.7	5.8
TAR HEEL II (PST-5TR1)	5.1	4.7	6.5	4.7	6.9	6.9	5.8
JT-9	4.6	5.7	6.7	4.5	6.6	6.8	5.8
CONSTITUTION (ATF-593)	5.0	5.0	7.1	4.7	6.2	6.8	5.8
BINGO	4.9	4.9	6.6	4.4	7.3	6.8	5.8
PST-53T	5.3	4.8	6.5	4.9	6.6	6.7	5.8
TITANIUM (SBM)	4.8	5.1	7.0	4.7	6.6	6.5	5.8
QUEST	4.9	4.9	7.3	4.5	6.3	6.7	5.8
CIS-TF-77	4.5	5.1	6.4	5.1	6.7	6.8	5.8
PST-5A1	5.3	5.4	6.2	4.6	6.6	6.7	5.8
ATF 702	5.1	5.0	6.3	4.5	6.8	6.8	5.8
MRF 26	5.2	5.5	6.3	4.5	6.4	6.8	5.8
MRF 210	5.3	5.4	6.3	4.7	6.0	6.9	5.8
PST-57E	5.0	5.0	7.1	5.0	5.7	6.8	5.8
REMBRANDT	4.9	5.4	6.2	5.1	6.1	6.9	5.7

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS 1/
 IN THE TRANSITION ZONE
 2002 DATA

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

NAME	AR1	KS2	KY1	MO1	NC1	OK1	MEAN
PST-5BZ	4.9	5.0	7.0	4.5	6.1	6.8	5.7
CIS-TF-65	5.1	4.8	6.2	4.6	6.9	6.8	5.7
WOLFPACK	5.0	5.5	6.4	4.8	6.0	6.7	5.7
INFERNO (JT-99)	5.6	4.8	6.7	4.9	6.3	6.1	5.7
PROSEEDS 5301	5.0	5.4	6.2	4.7	6.2	6.9	5.7
COYOTE	5.3	5.5	6.2	4.3	6.3	6.8	5.7
RAPTOR (CIS-TF-33)	5.3	4.7	6.7	4.8	6.2	6.7	5.7
REBEL EXEDA	5.4	4.4	6.3	5.1	6.7	6.3	5.7
PLANTATION	5.2	5.1	6.7	4.5	6.7	6.1	5.7
GO-0D2	4.7	5.2	6.1	4.7	6.8	6.7	5.7
FIVE POINT (MCN-RC)	4.9	5.1	6.5	4.3	6.6	6.9	5.7
MA 127	4.8	5.2	6.7	4.5	6.3	6.8	5.7
K01-E09	4.5	5.0	6.3	4.8	7.0	6.7	5.7
BAR FA 1003	5.0	5.3	6.0	4.8	6.2	6.8	5.7
GUARDIAN-21 (ROBERTS DOL)	4.7	4.6	6.8	5.2	6.5	6.5	5.7
PST-5BAB	4.2	5.2	7.0	4.8	6.5	6.5	5.7
PST-DDL	4.9	4.7	6.2	5.0	6.5	6.9	5.7
K01-8015	4.7	4.5	7.1	4.8	6.3	6.7	5.7
CAS-ED	5.1	5.5	6.2	4.6	5.9	6.8	5.7
PST-5L0	5.1	5.0	6.0	4.6	6.7	6.8	5.7
BAR FA 1CR7	5.6	5.0	6.3	4.4	6.0	6.8	5.7
BARRERA	5.1	4.9	6.9	4.4	6.2	6.6	5.7
MRF 29	5.1	4.5	6.6	4.8	6.5	6.6	5.7
PST-5S12	4.9	4.8	6.6	4.4	6.7	6.6	5.7
FINESSE II	5.0	4.9	6.2	4.9	6.5	6.7	5.7
PST-5TU0	4.6	5.0	6.5	4.3	6.8	6.9	5.7
MILLENNIUM	5.2	5.5	5.8	4.7	6.2	6.7	5.7
DYNASTY	4.6	5.7	6.5	4.9	6.3	6.1	5.7
TAHOE (CAS-157)	4.5	4.9	6.8	5.0	6.3	6.5	5.7
ROBERTS SM4	4.8	4.9	6.6	4.7	6.5	6.5	5.7
PROSPECT	4.3	5.3	6.3	4.8	6.5	6.7	5.7
FOCUS	4.9	4.9	6.5	4.6	6.3	6.8	5.6
SCORPION	4.4	5.1	6.3	4.9	6.3	6.8	5.6
RENDITION	4.8	4.9	6.3	5.0	6.4	6.5	5.6
MA 138	5.0	5.0	6.5	4.5	6.3	6.6	5.6
OLYMPIC GOLD	4.8	5.7	6.1	4.8	5.9	6.5	5.6
TAR HEEL	4.8	5.2	6.3	4.8	6.0	6.7	5.6
KALAHARI	5.0	4.7	7.0	4.7	5.9	6.4	5.6
TEMPEST	4.9	5.0	6.4	4.5	6.3	6.7	5.6
EA 163	4.9	5.3	6.5	4.5	5.9	6.7	5.6
CIS-TF-64	4.8	4.3	6.7	4.8	6.4	6.8	5.6
BARLEXAS II	4.6	5.3	6.8	4.4	5.9	6.7	5.6
BRAVO	4.8	5.2	6.5	4.4	5.9	6.8	5.6
ENDEAVOR	4.8	4.9	6.2	5.0	5.9	6.8	5.6
MASTERPIECE	5.0	5.1	5.8	4.8	6.2	6.7	5.6

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION ZONE
2002 DATA

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

NAME	AR1	KS2	KY1	MO1	NC1	OK1	MEAN
DAYTONA (MRF 23)	5.0	5.0	6.6	4.5	5.9	6.7	5.6
B-7001	4.8	4.8	6.1	4.5	6.6	6.8	5.6
MRF 25	4.8	5.3	5.8	4.5	6.4	6.8	5.6
SR 8250	5.1	4.8	6.5	4.5	5.9	6.7	5.6
PST-5KU	4.9	5.3	6.1	4.3	6.4	6.6	5.6
SR 8550 (SRX 8BE4)	4.6	4.9	6.7	4.5	6.3	6.5	5.6
ATF 704	4.9	5.1	6.5	4.8	5.8	6.4	5.6
JT-18	4.9	5.0	6.0	4.7	6.2	6.5	5.6
ATF-800	5.1	5.1	6.4	4.6	5.9	6.2	5.6
JT-12	5.0	4.6	5.8	4.8	6.3	6.8	5.6
PST-5JM	4.8	4.6	5.6	4.8	6.7	6.9	5.6
JAGUAR 3	4.6	5.2	6.0	4.6	6.1	6.7	5.6
BARRINGTON	4.4	4.9	6.9	4.4	6.0	6.6	5.5
PICK ZMG	4.9	5.0	6.3	4.5	6.1	6.3	5.5
JT-13	5.2	5.0	5.7	4.5	6.5	6.3	5.5
ATF 799	4.5	5.0	6.0	4.6	6.3	6.7	5.5
K01-E03	4.5	5.0	6.3	4.6	6.4	6.4	5.5
MATADOR	4.6	5.0	6.3	4.6	5.9	6.7	5.5
WATCHDOG	4.5	5.6	6.1	4.5	5.9	6.5	5.5
SOUTHERN CHOICE II	4.9	4.9	6.1	4.5	6.1	6.6	5.5
JT-6	5.1	4.5	5.7	4.8	6.6	6.3	5.5
MRF 211	4.6	4.0	6.3	4.6	6.8	6.7	5.5
SIGNIA	5.0	5.0	5.9	4.4	6.5	6.2	5.5
ATF-803	4.8	5.3	6.0	4.4	5.8	6.7	5.5
JT-15	4.7	4.6	6.2	4.6	6.1	6.8	5.5
PICK-00-AFA	4.8	4.5	6.1	4.5	6.2	6.9	5.5
PST-5NAS	4.7	5.0	5.8	4.5	6.4	6.6	5.5
TF66	4.7	4.6	6.4	4.3	6.3	6.7	5.5
SOUTH PAW (MRF 24)	4.8	4.9	6.0	4.4	6.0	6.8	5.5
UT-155	4.2	4.3	6.7	4.8	6.5	6.4	5.5
NA-TDD	4.9	4.0	6.2	4.5	6.5	6.8	5.5
SRX 805	4.8	4.0	6.3	4.4	6.5	6.8	5.5
PST-5FZD	4.8	4.9	5.6	4.6	6.6	6.4	5.5
MRF 28	5.0	4.7	5.9	4.6	6.1	6.4	5.5
TOMAHAWK RT	4.8	4.6	6.1	4.8	5.6	6.9	5.5
DP 50-9226	4.4	5.1	5.7	4.5	6.3	6.7	5.4
DLF-J210	4.8	5.1	5.8	4.1	6.1	6.7	5.4
MUSTANG 3	5.1	4.2	5.5	5.0	6.5	6.4	5.4
01-RUTOR2	4.4	4.8	6.6	4.3	5.7	6.8	5.4
KITTY HAWK 2000	4.3	4.9	6.0	4.7	6.3	6.5	5.4
LARAMIE	4.5	5.4	6.1	4.5	5.7	6.4	5.4
GREMLIN (P-58)	4.3	5.2	6.0	4.7	5.9	6.4	5.4
FALCON II	4.8	5.3	5.8	4.2	5.8	6.6	5.4
BARLEXAS	4.5	4.8	6.5	4.6	6.0	5.9	5.4
WYATT	4.6	5.0	6.0	4.4	5.7	6.7	5.4

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION ZONE
2002 DATA

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

NAME	AR1	KS2	KY1	MO1	NC1	OK1	MEAN
O1-TFOR3	4.2	4.9	6.0	4.0	6.3	6.8	5.4
PICK TF H-97	3.8	5.1	6.6	4.5	5.4	6.8	5.4
LANCER	4.5	4.6	6.1	4.6	5.4	6.9	5.4
TRACER	4.9	4.2	6.3	4.1	5.9	6.6	5.3
TITAN LTD.	3.7	5.3	6.4	4.8	5.3	6.5	5.3
K01-8007	4.5	4.2	6.0	4.8	5.8	6.7	5.3
DOMINION	4.6	5.0	5.3	4.7	5.6	6.7	5.3
LEGITIMATE	4.6	4.8	5.7	4.3	6.0	6.5	5.3
T991	4.9	4.1	5.3	4.2	6.6	6.8	5.3
STETSON	4.0	5.4	5.9	4.5	5.8	6.3	5.3
MA 158	3.9	4.9	5.5	4.6	6.2	6.8	5.3
ATF 586	4.4	4.6	5.6	5.0	5.4	6.8	5.3
TULSA II (ATF 706)	4.5	5.0	5.8	4.2	5.4	6.7	5.3
ATF 707	4.0	5.0	6.3	4.4	5.2	6.9	5.3
ATF 806	4.2	4.8	5.6	4.1	5.9	6.7	5.2
PST-5KI	4.7	3.9	5.6	4.6	6.2	6.4	5.2
PURE GOLD	4.0	5.0	5.6	4.7	5.7	6.4	5.2
COVENANT (ATF 802)	4.1	4.4	6.0	4.5	5.9	6.4	5.2
GO-RD4	4.4	5.1	5.1	4.4	5.8	6.3	5.2
GO-SIU2	3.8	4.7	5.5	4.2	5.7	6.5	5.1
DP 50-9082	3.7	4.7	5.6	4.2	5.3	6.5	5.0
ELISA	3.8	5.0	4.9	4.7	4.8	6.8	5.0
GO-FL3	3.5	4.9	5.6	4.4	5.0	6.3	5.0
JTTFF-2000	3.9	4.7	5.0	4.0	5.2	6.7	4.9
BONSAI	3.1	4.6	5.5	4.2	4.9	5.8	4.7
KY-31 E+	3.0	4.0	4.0	3.6	4.5	5.9	4.2
LSD VALUE	1.0	1.0	1.0	0.6	0.7	0.5	0.3
C.V. (%)	12.6	12.3	9.4	8.5	6.7	5.0	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.

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE MIDWEST REGION
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	WI1	MEAN
GRANDE II	6.4	5.9	5.9	5.2	5.4	8.5	5.2	6.1
TAR HEEL	6.3	5.6	6.0	5.4	5.4	8.5	5.2	6.1
FINELAWN ELITE (DLS)	5.7	5.6	6.7	5.2	5.4	8.5	5.1	6.0
R-4	6.2	5.5	6.1	5.4	5.4	8.0	5.4	6.0
2ND MILLENNIUM	5.8	5.4	5.6	5.3	5.8	8.3	5.4	6.0
SOUTHERN CHOICE II	5.7	5.9	6.4	4.8	5.6	8.2	5.0	5.9
CIS-TF-65	6.3	5.3	6.6	5.0	5.3	7.8	5.1	5.9
OLYMPIC GOLD	5.6	5.8	5.9	5.3	5.3	8.5	5.1	5.9
BARLEXAS II	5.6	5.3	6.3	5.1	5.5	8.3	5.2	5.9
MASTERPIECE	5.3	5.8	6.4	4.8	5.2	8.3	5.2	5.9
BLACKWATCH (PICK-0D3-01)	6.1	5.6	5.5	5.3	5.5	7.7	5.3	5.9
BE1	5.5	5.5	5.7	5.0	5.4	8.7	5.3	5.9
REMBRANDT	5.4	5.8	6.4	5.1	5.3	8.0	5.0	5.9
PST-5S12	5.4	5.7	6.3	4.6	5.4	8.3	5.2	5.8
QUEST	6.1	5.8	5.6	5.3	5.1	7.8	5.2	5.8
PROSEEDS 5301	5.5	6.1	5.9	4.9	5.5	8.0	5.0	5.8
SCORPION	6.2	5.5	5.6	5.1	5.0	8.2	5.2	5.8
RAPTOR (CIS-TF-33)	6.1	5.6	5.5	5.0	5.6	7.7	5.4	5.8
PST-57E	5.4	5.5	6.0	5.0	5.4	8.3	5.1	5.8
FOCUS	6.6	5.0	6.6	4.6	5.4	7.3	5.1	5.8
MILLENNIUM	6.8	5.2	5.9	5.0	5.2	7.2	5.5	5.8
UT-RB3	5.9	5.2	5.9	5.0	5.6	7.8	5.3	5.8
FALCON IV (F-4)	6.0	5.3	6.4	5.1	5.9	6.5	5.5	5.8
O1-RUTOR2	5.4	5.8	5.6	4.9	5.4	8.5	5.0	5.8
WOLFPACK	5.7	5.3	5.0	5.3	5.4	8.7	5.2	5.8
O1-ORU1	5.8	6.0	5.3	4.8	5.6	8.2	4.9	5.8
REBEL EXEDA	5.7	5.5	5.8	5.2	5.5	7.3	5.6	5.8
DLF-J210	5.9	5.3	6.1	4.6	4.9	8.7	5.1	5.8
MA 138	5.7	5.4	6.0	4.6	5.3	8.5	5.0	5.8
TAHOE (CAS-157)	5.3	5.4	6.2	4.9	5.4	8.2	5.0	5.8
TOMAHAWK RT	5.8	5.7	6.1	4.5	5.2	7.8	5.1	5.8
SILVERSTAR (PST-5ASR)	5.6	5.3	5.7	4.9	5.3	8.3	5.2	5.8
MRF 211	5.8	5.6	5.4	4.5	5.4	8.5	5.2	5.8
MRF 25	5.4	5.9	6.5	4.8	5.3	7.3	5.0	5.8
DOMINION	5.7	5.5	5.7	5.0	5.3	8.0	5.1	5.8
ATF 704	6.3	5.3	5.3	4.7	5.1	8.5	5.1	5.8
SILVERADO II (PST-578)	5.7	5.6	5.6	5.0	5.2	8.0	5.3	5.8
MA 127	5.8	5.5	6.0	4.7	5.1	8.0	5.2	5.8
BARRERA	5.3	5.0	6.5	5.3	5.0	8.0	5.2	5.8
ROBERTS SM4	5.4	5.0	6.3	4.9	5.2	8.5	5.0	5.8
SR 8600	5.8	5.6	5.9	5.1	5.2	7.5	5.1	5.8
PADRE (NJ4)	6.3	5.6	5.7	5.0	5.4	7.0	5.1	5.7
CAS-MC1	5.0	6.2	5.9	5.0	5.3	7.8	5.0	5.7
UT-155	5.9	5.2	5.7	4.6	5.3	8.3	5.1	5.7

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SEVEN LOCATIONS 1/
IN THE MIDWEST REGION
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	WI1	MEAN
CAS-ED	5.7	5.7	5.6	4.7	5.4	8.0	5.0	5.7
WYATT	6.2	5.5	4.6	5.0	5.3	8.3	5.2	5.7
KO1-E03	4.9	5.2	6.0	4.7	5.4	8.8	5.0	5.7
LEGITIMATE	6.3	5.7	6.0	4.4	5.1	7.5	5.1	5.7
PST-5A1	5.3	5.4	5.0	5.0	5.6	8.7	5.1	5.7
COCHISE III (018)	5.9	5.4	5.5	5.3	5.3	7.5	5.3	5.7
INFERNO (JT-99)	5.2	5.4	5.3	5.5	5.7	7.8	5.2	5.7
KO1-WAF	5.1	5.9	5.5	5.3	5.7	7.2	5.3	5.7
MATADOR	5.5	5.6	5.3	4.9	5.3	8.2	5.3	5.7
GUARDIAN-21 (ROBERTS DOL)	5.0	5.5	6.4	5.0	5.2	7.7	5.3	5.7
CIS-TF-67	5.2	5.5	6.1	5.3	5.6	7.0	5.3	5.7
KALAHARI	4.9	4.9	6.4	5.2	5.7	7.8	5.0	5.7
KO1-E09	5.9	5.4	5.3	4.8	5.4	8.2	5.0	5.7
BARRINGTON	5.6	5.4	6.1	4.8	5.3	7.5	5.3	5.7
EA 163	5.4	6.0	5.8	4.8	5.3	7.7	4.9	5.7
FORTE (BE-2)	5.4	5.4	6.4	5.1	5.5	6.8	5.3	5.7
KO1-8015	5.0	5.3	5.5	5.2	5.7	7.7	5.5	5.7
MAGELLAN (OD-4)	5.3	5.4	6.3	5.0	5.3	7.3	5.3	5.7
PST-5KI	5.2	5.1	5.7	4.9	5.2	8.5	5.2	5.7
JUSTICE (RB2-01)	5.5	5.7	6.0	5.1	5.5	6.8	5.2	5.7
PST-5BZ	5.9	5.7	5.0	5.0	5.7	7.3	5.0	5.7
JT-6	5.3	5.9	6.1	4.7	5.3	7.7	4.8	5.7
SRX 805	5.6	5.6	5.8	4.5	5.4	7.7	5.0	5.7
PST-5NAS	5.3	4.8	6.2	4.8	5.0	8.5	5.1	5.7
BARLEXAS	6.0	5.4	5.5	5.0	5.4	7.2	5.2	5.7
BINGO	5.7	5.2	5.7	4.9	5.4	7.7	5.1	5.7
DAVINCI (LTP-7801)	6.3	5.4	5.5	5.6	5.4	6.3	5.1	5.7
TEMPEST	6.3	5.6	4.9	4.8	5.6	7.5	5.0	5.7
JAGUAR 3	6.2	5.4	5.4	5.0	5.3	7.2	5.1	5.7
TITANIUM (SBM)	5.6	5.3	6.3	5.3	5.1	6.8	5.1	5.7
RENDITION	5.1	5.8	5.7	5.2	5.2	7.2	5.3	5.6
GO-FL3	5.6	5.5	5.4	4.9	4.9	8.2	5.1	5.6
WATCHDOG	5.2	5.5	5.4	5.2	5.3	7.3	5.6	5.6
PICK ZMG	5.3	5.5	5.7	4.8	5.4	7.7	5.1	5.6
PICASSO	6.0	5.4	5.5	5.0	5.3	7.2	5.2	5.6
DAYTONA (MRF 23)	5.3	5.5	5.0	5.0	5.1	8.5	5.0	5.6
ATF 799	5.1	5.3	6.1	4.8	5.4	7.8	4.9	5.6
PST-5T1	5.5	5.3	5.9	5.0	5.4	7.3	5.0	5.6
KO1-8007	5.2	5.7	5.4	4.6	5.4	7.8	5.3	5.6
PST-5JM	5.3	5.8	5.6	4.7	5.2	7.8	5.1	5.6
SOUTH PAW (MRF 24)	4.9	5.3	5.9	4.7	5.1	8.3	5.1	5.6
ATF-800	6.3	5.6	4.8	4.5	5.6	7.5	5.1	5.6
B-7001	5.3	5.2	5.6	5.0	5.2	8.2	5.0	5.6
ATF-803	5.7	5.5	4.8	4.7	5.1	8.2	5.3	5.6
FIVE POINT (MCN-RC)	5.5	5.2	5.7	5.1	5.4	7.2	5.2	5.6

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SEVEN LOCATIONS 1/
IN THE MIDWEST REGION
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	WI1	MEAN
SR 8550 (SRX 8BE4)	5.2	5.1	5.0	4.8	5.5	8.5	5.2	5.6
JT-15	4.9	5.7	5.7	4.8	5.1	8.2	4.9	5.6
PST-5FZD	5.2	5.2	5.5	5.2	5.7	7.2	5.3	5.6
PST-5L0	5.5	5.3	5.8	4.9	5.5	6.8	5.3	5.6
TITAN LTD.	6.1	5.6	5.0	5.0	5.4	7.0	5.1	5.6
FALCON II	5.6	5.6	5.9	4.8	5.0	7.3	5.0	5.6
PST-DDL	5.3	5.6	5.0	4.9	5.6	7.7	5.1	5.6
TAR HEEL II (PST-5TR1)	5.4	5.9	5.1	4.9	5.2	7.5	5.1	5.6
GO-OD2	4.8	5.7	5.8	4.7	5.5	7.7	5.0	5.6
JT-9	5.1	5.3	4.6	4.8	5.8	8.3	5.2	5.6
BILTMORE	5.3	5.7	5.6	5.2	5.1	6.8	5.3	5.6
BAR FA 1005	6.0	4.8	5.7	5.0	5.0	7.5	5.0	5.6
AVENGER (L1Z)	5.3	5.6	4.8	5.2	5.3	7.2	5.6	5.6
REBEL SENTRY	5.3	5.7	5.0	5.2	5.3	7.5	5.0	5.6
BAR FA 1CR7	4.8	5.4	5.4	4.8	5.5	7.8	5.1	5.6
ENDEAVOR	5.6	5.3	6.1	4.8	5.3	6.7	5.2	5.6
MRF 28	5.4	5.6	4.5	4.5	5.4	8.2	5.3	5.6
ELISA	5.4	5.2	5.9	5.2	5.0	7.0	5.3	5.5
GO-RD4	5.5	5.4	5.1	4.8	4.9	8.2	5.0	5.5
O1-TFOR3	5.8	5.5	5.7	4.6	5.2	7.2	4.8	5.5
PROSPECT	5.2	5.2	5.9	4.8	5.1	7.5	5.1	5.5
MA 158	5.6	5.3	5.7	4.5	5.2	7.5	5.0	5.5
MRF 29	5.0	5.9	5.3	4.6	5.2	7.8	4.9	5.5
CONSTITUTION (ATF-593)	5.4	5.3	5.5	5.1	5.2	7.0	5.2	5.5
MRF 27	4.7	5.9	5.1	4.8	5.4	7.7	5.0	5.5
JT-12	5.0	5.2	5.8	4.6	5.1	8.0	4.9	5.5
PST-5BAB	6.1	5.3	5.2	4.7	5.2	7.0	5.0	5.5
KITTY HAWK 2000	5.2	5.4	5.4	4.6	5.1	7.3	5.4	5.5
JTTF-2000	5.9	4.9	4.7	4.5	5.0	8.3	5.1	5.5
MUSTANG 3	5.4	5.3	6.2	4.7	5.3	6.2	5.4	5.5
CIS-TF-64	5.1	5.0	5.0	4.5	5.3	8.3	5.2	5.5
MRF 26	5.1	6.0	4.9	4.8	5.5	7.0	5.0	5.5
JT-18	5.3	5.5	4.6	4.7	5.2	7.8	5.2	5.5
PICK TF H-97	6.1	5.0	5.1	5.1	5.2	6.8	5.0	5.5
MRF 210	5.5	5.7	4.2	4.5	5.2	8.2	5.0	5.5
CIS-TF-77	5.4	5.0	6.3	4.7	5.3	6.3	5.2	5.5
BRAVO	5.7	4.9	5.2	5.2	5.1	7.0	5.1	5.5
PST-5TU0	4.9	5.3	5.0	4.6	5.5	7.7	5.0	5.5
BAR FA 1003	5.6	4.7	5.7	5.0	5.1	7.2	4.9	5.5
PLANTATION	5.6	5.1	5.4	5.2	5.3	6.3	5.2	5.4
DP 50-9226	5.6	5.1	4.7	4.2	5.1	8.3	5.0	5.4
BONSAI	5.9	5.2	4.3	4.5	5.0	8.3	4.8	5.4
ATF 707	4.9	5.5	5.6	4.8	5.0	7.3	5.0	5.4
CAYENNE	5.3	5.4	6.0	5.2	5.2	6.0	5.0	5.4
TF66	5.0	5.3	5.3	4.9	5.4	7.2	5.0	5.4

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SEVEN LOCATIONS 1/
IN THE MIDWEST REGION
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	MI1	NE1	WI1	MEAN
NA-TDD	4.9	5.4	5.4	5.0	5.2	7.2	5.0	5.4
GREMLIN (P-58)	5.4	5.5	5.2	5.0	5.2	6.7	5.0	5.4
FINESSE II	5.9	4.9	5.4	4.6	5.1	7.0	5.0	5.4
ATF 806	4.7	5.0	4.9	4.8	5.6	7.7	5.2	5.4
JT-13	5.1	5.3	4.6	4.7	5.2	7.8	5.3	5.4
PST-53T	4.7	4.9	5.3	4.9	5.1	7.8	5.2	5.4
SR 8250	5.7	5.3	4.3	5.0	5.3	6.8	5.3	5.4
PICK-00-AFA	5.4	5.1	5.0	5.2	5.1	6.8	5.1	5.4
LARAMIE	4.8	5.3	4.7	4.8	5.0	8.0	5.1	5.4
ATF 702	5.3	5.0	5.5	4.9	5.3	6.8	5.0	5.4
T991	5.1	4.9	4.4	4.8	5.3	8.5	4.9	5.4
PST-5KU	5.4	4.9	5.3	4.4	5.0	7.7	5.0	5.4
PURE GOLD	4.8	5.5	4.6	4.7	5.2	7.8	5.1	5.4
COYOTE	5.4	5.1	4.7	4.8	5.3	7.5	4.9	5.4
GO-SIU2	4.9	5.0	4.9	4.7	4.8	8.3	5.0	5.4
DYNASTY	4.9	5.0	5.9	5.0	5.3	6.3	5.2	5.4
TULSA II (ATF 706)	5.5	5.4	5.3	4.7	4.9	6.5	5.1	5.3
STETSON	5.4	5.2	5.1	4.7	4.9	7.0	5.0	5.3
CIS-TF-60	5.2	4.7	5.1	4.8	5.2	7.2	5.0	5.3
DP 50-9082	5.6	5.2	4.6	4.5	4.9	7.5	5.0	5.3
TRACER	5.4	5.0	4.6	4.8	5.1	7.0	5.2	5.3
COVENANT (ATF 802)	5.1	5.2	4.9	4.8	4.9	7.0	5.0	5.3
SIGNIA	4.9	5.1	5.2	4.6	5.2	6.7	5.0	5.3
LANCER	5.5	5.0	5.2	4.7	4.9	6.0	5.0	5.2
ATF 586	4.6	5.0	5.6	5.1	5.0	5.3	5.1	5.1
KY-31 E+	4.2	4.5	6.0	4.4	4.4	6.8	3.9	4.9
LSL VALUE	1.1	1.5	1.7	0.6	0.6	0.7	0.3	0.4
C.V. (%)	12.1	17.7	18.8	7.8	6.7	5.7	4.0	11.5

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT PULLMAN, WA
(MOUNTAIN REGION)
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS											
NAME	JUL	AUG	SEP	OCT	MEAN	NAME	JUL	AUG	SEP	OCT	MEAN
FINESSE II	6.7	7.0	8.0	5.3	6.8	MRF 210	5.7	6.3	7.3	5.3	6.2
PICK-00-AFA	6.7	7.0	7.7	5.3	6.7	MRF 211	5.7	6.0	7.3	5.7	6.2
PST-DDL	6.7	6.7	8.0	5.3	6.7	MRF 25	5.7	6.3	7.3	5.3	6.2
PROSPECT	6.3	6.3	7.3	5.7	6.4	PICASSO	5.7	6.3	7.3	5.3	6.2
2ND MILLENNIUM	6.7	6.3	7.0	5.3	6.3	PICK TF H-97	6.3	6.0	7.3	5.0	6.2
BLACKWATCH (PICK-0D3-01)	5.7	6.7	7.7	5.3	6.3	PLANTATION	6.0	6.3	7.0	5.3	6.2
DAVINCI (LTP-7801)	5.3	6.7	8.0	5.3	6.3	PST-5KI	5.7	6.0	7.7	5.3	6.2
ENDEAVOR	6.0	6.7	7.0	5.7	6.3	QUEST	6.0	6.0	7.7	5.0	6.2
GUARDIAN-21 (ROBERTS DOL)	5.7	6.3	7.7	5.7	6.3	R-4	6.3	6.0	7.3	5.0	6.2
INFERNO (JT-99)	6.3	6.3	7.7	5.0	6.3	ATF 704	6.0	6.0	7.0	5.3	6.1
JT-6	6.0	6.3	7.3	5.7	6.3	ATF 806	6.0	6.3	7.0	5.0	6.1
MRF 26	6.0	6.3	7.3	5.7	6.3	BAR FA 1003	5.7	6.3	7.3	5.0	6.1
MUSTANG 3	6.3	6.3	7.3	5.3	6.3	BARLEXAS	6.0	6.0	7.3	5.0	6.1
REBEL EXEDA	6.3	6.3	7.3	5.3	6.3	BE1	5.7	6.3	7.3	5.0	6.1
TITANIUM (SBM)	6.7	6.0	7.3	5.3	6.3	BINGO	5.7	6.0	7.3	5.3	6.1
SILVERSTAR (PST-5ASR)	6.0	6.7	7.7	5.0	6.3	CAS-MC1	6.3	6.3	7.3	4.3	6.1
SRX 805	6.3	6.7	7.3	5.0	6.3	FINELAWN ELITE (DLSD)	5.3	6.3	7.3	5.3	6.1
UT-155	5.3	6.3	8.0	5.7	6.3	DYNASTY	5.7	6.3	7.0	5.3	6.1
CAYENNE	5.7	6.3	7.3	5.7	6.3	GRANDE II	6.0	6.0	7.0	5.3	6.1
CIS-TF-60	5.3	6.3	7.7	5.7	6.3	KALAHARI	5.7	6.3	7.3	5.0	6.1
CIS-TF-65	5.7	5.7	7.3	6.3	6.3	GREMLIN (P-58)	5.7	6.0	7.7	5.0	6.1
CIS-TF-67	6.0	6.0	7.7	5.3	6.3	PADRE (NJ4)	6.3	5.7	7.3	5.0	6.1
FALCON IV (F-4)	6.3	6.3	7.3	5.0	6.3	PST-5BZ	6.3	6.0	7.0	5.0	6.1
FOCUS	6.7	6.0	7.0	5.3	6.3	RENDITION	5.3	6.7	7.0	5.3	6.1
JT-18	6.3	6.3	7.3	5.0	6.3	SOUTHERN CHOICE II	6.3	5.3	7.3	5.3	6.1
JUSTICE (RB2-01)	6.3	6.3	7.3	5.0	6.3	ATF 702	5.7	5.7	7.3	5.3	6.0
MAGELLAN (0D-4)	6.0	6.0	7.0	6.0	6.3	COVENANT (ATF 802)	5.3	6.0	7.0	5.7	6.0
MRF 28	5.7	7.0	7.0	5.3	6.3	BAR FA 1005	5.7	6.0	7.3	5.0	6.0
PICK ZMG	6.0	6.3	7.3	5.3	6.3	BARRERA	6.0	6.0	7.0	5.0	6.0
PROSEEDS 5301	6.0	6.3	7.3	5.3	6.3	JAGUAR 3	6.0	6.0	7.3	4.7	6.0
PST-57E	5.3	6.7	7.3	5.7	6.3	JTTFF-2000	5.3	5.7	7.3	5.7	6.0
PST-5BAB	6.3	6.0	7.3	5.3	6.3	K01-8015	6.0	5.7	7.3	5.0	6.0
RAPTOR (CIS-TF-33)	5.7	6.0	7.7	5.7	6.3	KITTY HAWK 2000	6.0	6.0	7.3	4.7	6.0
ROBERTS SM4	6.0	6.3	7.3	5.3	6.3	LEGITIMATE	6.0	6.0	7.0	5.0	6.0
SR 8550 (SRX 8BE4)	6.0	6.0	7.3	5.7	6.3	MA 158	6.0	5.7	7.3	5.0	6.0
T991	6.0	6.3	7.3	5.3	6.3	MATADOR	6.0	6.0	7.0	5.0	6.0
ATF 707	6.3	6.3	7.3	4.7	6.2	MRF 27	5.7	6.3	7.0	5.0	6.0
ATF 799	5.3	6.3	7.7	5.3	6.2	MRF 29	5.3	6.3	7.0	5.3	6.0
DAYTONA (MRF 23)	5.7	6.3	7.3	5.3	6.2	PST-5JM	5.3	6.3	7.3	5.0	6.0
JT-12	5.7	6.7	7.3	5.0	6.2	PST-5S12	6.3	6.0	7.0	4.7	6.0
JT-15	5.7	6.3	7.3	5.3	6.2	PST-STU0	5.3	6.3	7.0	5.3	6.0
JT-9	5.7	6.0	7.7	5.3	6.2	REBEL SENTRY	5.7	6.0	7.3	5.0	6.0
LARAMIE	6.0	6.3	7.0	5.3	6.2	SR 8600	5.7	6.0	7.3	5.0	6.0
MA 138	6.3	6.0	7.3	5.0	6.2	TEMPEST	6.0	6.0	7.0	5.0	6.0
						ATF 586	6.3	5.7	7.0	4.7	5.9

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT PULLMAN, WA
(MOUNTAIN REGION)
2002 DATA

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

NAME	JUL	AUG	SEP	OCT	MEAN	NAME	JUL	AUG	SEP	OCT	MEAN
CONSTITUTION (ATF-593)	5.3	6.0	7.0	5.3	5.9	BRAVO	5.7	5.7	6.7	5.0	5.8
ATF-803	5.7	6.0	7.0	5.0	5.9	CAS-ED	5.0	5.3	7.3	5.3	5.8
AVENGER (L1Z)	5.0	6.3	7.3	5.0	5.9	CIS-TF-64	5.3	5.3	7.3	5.0	5.8
BARRINGTON	5.7	6.0	7.0	5.0	5.9	CIS-TF-77	5.7	6.0	6.7	4.7	5.8
TAHOE (CAS-157)	5.3	5.7	7.3	5.3	5.9	GO-RD4	5.7	6.0	6.7	4.7	5.8
DLF-J210	6.3	6.0	6.7	4.7	5.9	K01-8007	5.3	6.0	7.0	4.7	5.8
EA 163	6.0	6.0	7.0	4.7	5.9	K01-E09	5.0	6.0	7.0	5.0	5.8
GO-0D2	5.7	6.3	6.7	5.0	5.9	MASTERPIECE	5.0	5.3	7.3	5.3	5.8
JT-13	5.7	6.0	7.0	5.0	5.9	PST-5KU	5.3	5.7	7.0	5.0	5.8
MA 127	5.3	6.0	7.0	5.3	5.9	PST-5NAS	5.3	6.0	7.0	4.7	5.8
MILLENNIUM	5.3	6.0	7.3	5.0	5.9	PST-5T1	5.0	6.0	7.0	5.0	5.8
PST-5A1	6.0	6.3	6.7	4.7	5.9	SCORPION	5.7	5.3	6.7	5.3	5.8
PST-5FZD	5.3	6.0	7.3	5.0	5.9	TRACER	5.3	5.7	7.0	5.0	5.8
PST-5L0	5.7	6.0	6.7	5.3	5.9	WATCHDOG	6.0	5.3	6.7	5.0	5.8
SIGNIA	5.3	6.0	7.0	5.3	5.9	01-ORU1	4.7	5.7	6.7	5.7	5.7
SOUTH PAW (MRF 24)	5.3	6.0	7.3	5.0	5.9	01-TFOR3	5.3	5.3	6.7	5.3	5.7
01-RUTOR2	5.7	5.7	7.0	5.0	5.8	ATF-800	5.7	5.7	6.7	4.7	5.7
B-7001	5.3	6.0	7.0	5.0	5.8	FALCON II	6.0	5.3	6.3	5.0	5.7
BAR FA 1CR7	5.3	6.0	7.0	5.0	5.8	K01-WAF	5.3	5.7	6.7	5.0	5.7
BARLEXAS II	5.7	5.7	6.7	5.3	5.8	TOMAHAWK RT	5.0	5.7	7.0	5.0	5.7
BILTMORE	5.7	5.3	7.0	5.3	5.8	WOLFPACK	5.7	5.3	6.7	5.0	5.7
COCHISE III (018)	5.7	5.7	7.0	5.0	5.8	SR 8250	5.0	5.3	7.0	5.0	5.6
COYOTE	4.7	6.0	7.3	5.3	5.8	TF66	5.3	5.7	6.7	4.7	5.6
DP 50-9226	6.3	6.0	6.3	4.7	5.8	TAR HEEL II (PST-5TR1)	5.7	5.3	6.3	4.7	5.5
FORTE (BE-2)	5.3	6.0	7.0	5.0	5.8	DOMINION	5.7	5.3	6.3	4.3	5.4
K01-E03	5.7	5.7	6.7	5.3	5.8	TITAN LTD.	5.0	5.7	6.7	4.3	5.4
LANCER	6.0	5.7	6.7	5.0	5.8	WYATT	5.7	5.3	6.3	4.3	5.4
FIVE POINT (MCN-RC)	5.7	5.3	7.0	5.3	5.8	STETSON	6.3	5.3	5.7	4.0	5.3
NA-TDD	5.3	6.0	7.0	5.0	5.8	BONSAI	5.3	4.7	6.0	4.3	5.1
OLYMPIC GOLD	6.0	5.7	6.7	5.0	5.8	GO-SIU2	5.7	5.0	5.3	4.0	5.0
PST-53T	5.3	6.0	7.0	5.0	5.8	ELISA	5.0	5.0	5.7	4.0	4.9
PURE GOLD	5.0	6.0	7.3	5.0	5.8	DP 50-9082	5.0	5.3	5.0	4.0	4.8
REMBRANDT	6.0	5.3	7.0	5.0	5.8	GO-FL3	5.0	5.3	5.0	4.0	4.8
SILVERADO II (PST-578)	6.0	5.7	6.7	5.0	5.8	KY-31 E+	3.7	3.3	4.0	3.0	3.5
TAR HEEL	5.7	6.0	6.7	5.0	5.8						
TULSA II (ATF 706)	5.7	5.3	7.0	5.3	5.8	LSD VALUE	1.2	1.0	1.0	0.7	0.7
UT-RB3	5.3	5.7	7.3	5.0	5.8	C.V. (%)	13.0	10.7	8.5	9.1	7.2

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 SEMI-ARID REGION
2002 DATA

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

NAME	TX1	TX3	MEAN	NAME	TX1	TX3	MEAN
PICK-00-AFA	5.9	5.7	5.8	MRF 28	5.7	5.3	5.5
KO1-E03	6.0	5.6	5.8	TF66	5.8	5.2	5.5
UT-155	6.1	5.4	5.8	TITAN LTD.	5.9	5.1	5.5
CAYENNE	6.3	5.2	5.7	TAHOE (CAS-157)	5.8	5.2	5.5
REBEL SENTRY	5.7	5.8	5.7	FALCON IV (F-4)	5.9	5.1	5.5
ELISA	5.9	5.5	5.7	SOUTHERN CHOICE II	5.7	5.3	5.5
2ND MILLENNIUM	6.1	5.3	5.7	FALCON II	5.8	5.2	5.5
AVENGER (L1Z)	5.9	5.5	5.7	FOCUS	5.9	5.0	5.5
WOLFPACK	6.2	5.1	5.7	01-ORU1	5.7	5.2	5.5
ATF-800	6.0	5.4	5.7	MATADOR	5.7	5.2	5.5
WYATT	5.8	5.5	5.7	PADRE (NJ4)	5.9	5.0	5.5
INFERNO (JT-99)	6.2	5.1	5.6	PICK ZMG	5.9	5.0	5.5
DYNASTY	6.0	5.3	5.6	PST-5FZD	5.7	5.3	5.5
CONSTITUTION (ATF-593)	5.9	5.4	5.6	PST-5T1	5.6	5.3	5.5
RAPTOR (CIS-TF-33)	5.8	5.4	5.6	T991	5.9	5.0	5.5
WATCHDOG	6.1	5.2	5.6	PROSEEDS 5301	5.8	5.1	5.5
DAVINCI (LTP-7801)	6.1	5.1	5.6	PST-5BAB	5.7	5.2	5.5
MA 138	5.7	5.5	5.6	PST-5A1	5.7	5.2	5.4
REMBRANDT	5.8	5.4	5.6	TRACER	5.8	5.1	5.4
BLACKWATCH (PICK-0D3-01)	6.1	5.1	5.6	FINELAWN ELITE (DLSD)	6.0	4.9	5.4
KITTY HAWK 2000	6.2	5.0	5.6	SR 8250	5.6	5.2	5.4
EA 163	5.6	5.6	5.6	TOMAHAWK RT	5.9	4.9	5.4
QUEST	5.7	5.5	5.6	TULSA II (ATF 706)	5.7	5.2	5.4
ATF 704	5.8	5.4	5.6	CAS-MC1	5.6	5.3	5.4
BINGO	6.0	5.2	5.6	STETSON	5.9	4.9	5.4
COYOTE	5.8	5.3	5.6	MA 158	5.6	5.2	5.4
KO1-WAF	6.2	4.9	5.6	MA 127	5.9	4.9	5.4
NA-TDD	5.9	5.3	5.6	MAGELLAN (0D-4)	6.1	4.7	5.4
PST-5KI	6.2	4.9	5.6	OLYMPIC GOLD	6.0	4.8	5.4
PICASSO	5.8	5.3	5.6	PST-5S12	6.0	4.8	5.4
COVENANT (ATF 802)	5.9	5.2	5.6	PST-57E	6.1	4.7	5.4
CIS-TF-65	5.9	5.2	5.5	BAR FA 1CR7	5.9	4.9	5.4
ATF 586	5.9	5.2	5.5	PICK TF H-97	5.7	5.1	5.4
PLANTATION	6.0	5.1	5.5	ATF 806	5.8	5.0	5.4
TITANIUM (SBM)	6.1	5.0	5.5	COCHISE III (018)	6.0	4.8	5.4
DLF-J210	5.9	5.2	5.5	GO-0D2	5.8	5.0	5.4
FORTE (BE-2)	5.7	5.4	5.5	GUARDIAN-21 (ROBERTS DOL)	5.9	4.9	5.4
PST-5LO	5.7	5.4	5.5	LANCER	6.0	4.8	5.4
PURE GOLD	5.6	5.5	5.5	MRF 25	5.8	4.9	5.4
MASTERPIECE	5.8	5.3	5.5	MRF 26	5.7	5.1	5.4
JUSTICE (RB2-01)	5.8	5.3	5.5	PST-5BZ	5.7	5.1	5.4
KO1-8015	5.8	5.3	5.5	PST-5JM	5.8	5.0	5.4
LARAMIE	6.0	5.1	5.5	TAR HEEL II (PST-5TR1)	5.7	5.1	5.4
SILVERSTAR (PST-5ASR)	6.0	5.1	5.5	REBEL EXEDA	5.7	5.1	5.4
				BAR FA 1003	5.4	5.3	5.4

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT TWO LOCATIONS 1/
 IN THE SEMI-ARID REGION
 2002 DATA

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

NAME	TX1	TX3	MEAN	NAME	TX1	TX3	MEAN
B-7001	5.9	4.9	5.4	MRF 210	5.7	4.8	5.3
CAS-ED	5.9	4.9	5.4	MRF 29	5.8	4.8	5.3
RENDITION	5.9	4.9	5.4	TEMPEST	5.6	4.9	5.3
CIS-TF-67	5.8	4.9	5.4	ROBERTS SM4	5.6	4.9	5.3
DAYTONA (MRF 23)	5.6	5.2	5.4	SCORPION	5.7	4.8	5.3
BARRINGTON	5.9	4.8	5.4	ATF 707	5.7	4.8	5.3
ENDEAVOR	5.9	4.9	5.4	GREMLIN (P-58)	5.6	4.9	5.2
PROSPECT	5.5	5.2	5.4	PST-DDL	5.6	4.9	5.2
TAR HEEL	5.5	5.3	5.4	FINESSE II	5.3	5.2	5.2
LEGITIMATE	5.7	5.0	5.3	GRANDE II	5.4	5.1	5.2
ATF 799	5.9	4.8	5.3	SIGNIA	5.7	4.8	5.2
DOMINION	5.7	5.0	5.3	SR 8550 (SRX 8BE4)	5.6	4.9	5.2
JAGUAR 3	5.6	5.1	5.3	PST-5KU	5.5	4.9	5.2
MILLENNIUM	5.7	5.0	5.3	CIS-TF-77	5.4	5.0	5.2
PST-5NAS	5.6	5.1	5.3	MRF 211	5.3	5.1	5.2
SRX 805	5.5	5.1	5.3	BRAVO	5.2	5.2	5.2
01-TFOR3	5.6	5.1	5.3	CIS-TF-64	5.6	4.8	5.2
01-RUTOR2	5.4	5.2	5.3	GO-SIU2	5.3	5.1	5.2
PST-53T	5.6	5.0	5.3	JT-9	5.2	5.1	5.2
SILVERADO II (PST-578)	5.7	4.9	5.3	JTFF-2000	5.5	4.8	5.2
SOUTH PAW (MRF 24)	5.5	5.1	5.3	KY-31 E+	5.3	5.0	5.2
DP 50-9226	5.4	5.2	5.3	SR 8600	5.4	4.9	5.2
ATF 702	5.6	5.1	5.3	BONSAI	5.1	5.1	5.1
BAR FA 1005	5.6	5.0	5.3	DP 50-9082	5.3	4.9	5.1
BARLEXAS II	5.5	5.1	5.3	JT-12	5.2	5.0	5.1
MUSTANG 3	5.8	4.8	5.3	R-4	5.3	4.9	5.1
UT-RB3	5.6	5.0	5.3	JT-15	5.2	5.0	5.1
FIVE POINT (MCN-RC)	5.4	5.2	5.3	PST-5TU0	5.3	4.9	5.1
BE1	5.5	5.1	5.3	JT-18	5.2	4.9	5.0
BILTMORE	5.9	4.6	5.3	JT-13	5.1	5.0	5.0
GO-RD4	5.4	5.1	5.3	GO-FL3	5.4	4.6	5.0
MRF 27	5.4	5.2	5.3	JT-6	5.2	4.8	5.0
KALAHARI	5.7	4.9	5.3	CIS-TF-60	5.4	4.5	5.0
BARRERA	5.7	4.9	5.3	K01-8007	5.0	4.6	4.8
ATF-803	5.6	5.0	5.3				
BARLEXAS	5.7	4.8	5.3	LSD VALUE	0.7	0.6	0.5
K01-E09	5.5	5.0	5.3	C.V. (%)	7.6	7.6	7.6

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 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2002 DATA

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

NAME	CA3	WA3	MEAN	NAME	CA3	WA3	MEAN
JAGUAR 3	6.7	5.3	6.0	ROBERTS SM4	6.6	4.7	5.7
FALCON IV (F-4)	6.8	5.0	5.9	CIS-TF-67	6.5	4.8	5.7
PROSPECT	6.7	5.0	5.9	CIS-TF-77	6.5	4.8	5.6
2ND MILLENNIUM	6.8	5.0	5.9	FOCUS	6.5	4.8	5.6
PADRE (NJ4)	6.6	5.1	5.8	GUARDIAN-21 (ROBERTS DOL)	6.6	4.7	5.6
TITAN LTD.	6.5	5.2	5.8	SCORPION	6.4	4.9	5.6
NA-TDD	6.3	5.3	5.8	DOMINION	6.4	4.8	5.6
PICASSO	6.6	5.1	5.8	R-4	6.6	4.6	5.6
PST-57E	6.5	5.2	5.8	TITANIUM (SBM)	6.7	4.6	5.6
KO1-WAF	6.8	4.9	5.8	RENDITION	6.7	4.5	5.6
PST-5JM	6.5	5.0	5.8	MATADOR	6.6	4.7	5.6
JT-6	6.6	5.0	5.8	OLYMPIC GOLD	6.3	4.9	5.6
BE1	6.7	4.8	5.8	KALAHARI	6.7	4.5	5.6
JUSTICE (RB2-01)	6.7	4.8	5.8	REMBRANDT	6.2	5.0	5.6
BINGO	6.6	4.9	5.8	TOMAHAWK RT	6.5	4.7	5.6
ELISA	6.1	5.4	5.7	DAYTONA (MRF 23)	6.4	4.8	5.6
PICK ZMG	6.7	4.8	5.7	MAGELLAN (OD-4)	6.6	4.6	5.6
PLANTATION	6.6	4.9	5.7	MRF 27	6.4	4.8	5.6
B-7001	6.7	4.8	5.7	LARAMIE	6.5	4.7	5.6
AVENGER (L1Z)	6.7	4.8	5.7	JTTFF-2000	6.5	4.6	5.6
COVENANT (ATF 802)	6.7	4.8	5.7	FIVE POINT (MCN-RC)	6.4	4.8	5.6
BRAVO	6.4	5.1	5.7	KO1-8015	6.7	4.4	5.6
BLACKWATCH (PICK-OD3-01)	6.8	4.6	5.7	PST-5KU	6.6	4.6	5.6
MRF 25	6.5	5.0	5.7	ATF 704	6.3	4.9	5.6
LANCER	6.3	5.1	5.7	BARLEXAS II	6.3	4.9	5.6
BILTMORE	6.4	5.0	5.7	SILVERSTAR (PST-5ASR)	6.3	4.9	5.6
MA 158	6.8	4.7	5.7	ATF 702	6.5	4.6	5.6
SR 8550 (SRX 8BE4)	6.6	4.8	5.7	MRF 26	6.4	4.8	5.6
ENDEAVOR	6.5	4.9	5.7	TAR HEEL II (PST-5TR1)	6.6	4.6	5.6
REBEL SENTRY	6.5	4.9	5.7	COCHISE III (018)	6.6	4.6	5.6
BAR FA 1003	6.6	4.8	5.7	PST-5TU0	6.4	4.7	5.6
KITTY HAWK 2000	6.5	4.8	5.7	SRX 805	6.8	4.4	5.6
REBEL EXEDA	6.4	5.0	5.7	PROSEEDS 5301	6.4	4.7	5.6
TAR HEEL	6.5	4.8	5.7	QUEST	6.4	4.7	5.6
MUSTANG 3	6.8	4.6	5.7	WYATT	6.3	4.8	5.6
TRACER	6.4	4.9	5.7	BARRINGTON	6.5	4.6	5.6
SR 8600	6.6	4.8	5.7	STETSON	6.2	4.9	5.6
FALCON II	6.1	5.2	5.7	CONSTITUTION (ATF-593)	6.5	4.6	5.6
CIS-TF-60	6.5	4.8	5.7	SOUTHERN CHOICE II	6.8	4.3	5.6
WOLFPACK	6.7	4.6	5.7	COYOTE	6.6	4.5	5.5
MASTERPIECE	6.6	4.7	5.7	ATF 586	6.3	4.8	5.5
MILLENNIUM	6.6	4.7	5.7	MA 138	6.2	4.9	5.5
TEMPEST	6.6	4.7	5.7	PST-5BAB	6.4	4.7	5.5
CAS-MC1	6.8	4.5	5.7	ATF 707	6.4	4.6	5.5
				ATF-803	6.6	4.4	5.5

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2002 DATA

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

NAME	CA3	WA3	MEAN	NAME	CA3	WA3	MEAN
BARLEXAS	6.0	5.0	5.5	PST-5NAS	6.5	4.2	5.4
ATF 799	6.3	4.8	5.5	PST-5BZ	6.1	4.7	5.4
T991	6.5	4.5	5.5	PST-5LO	6.4	4.3	5.4
GO-0D2	6.2	4.8	5.5	SOUTH PAW (MRF 24)	6.6	4.1	5.4
TULSA II (ATF 706)	6.5	4.5	5.5	JT-9	6.3	4.4	5.4
UT-RB3	6.5	4.5	5.5	FORTE (BE-2)	6.4	4.3	5.3
INFERNO (JT-99)	6.4	4.6	5.5	PICK-00-AFA	6.4	4.3	5.3
DLF-J210	6.4	4.5	5.5	KO1-E09	6.3	4.4	5.3
PST-5S12	6.3	4.7	5.5	TF66	6.3	4.4	5.3
01-ORU1	6.6	4.3	5.5	EA 163	6.1	4.5	5.3
GRANDE II	6.5	4.5	5.5	KO1-E03	6.3	4.3	5.3
BARRERA	6.5	4.5	5.5	MRF 29	6.3	4.3	5.3
SIGNIA	6.4	4.6	5.5	JT-18	6.7	3.9	5.3
SILVERADO II (PST-578)	6.5	4.4	5.5	MRF 210	6.1	4.5	5.3
TAHOE (CAS-157)	6.7	4.2	5.5	CIS-TF-64	6.3	4.2	5.3
ATF-800	6.6	4.3	5.5	PST-DDL	6.3	4.2	5.3
DAVINCI (LTP-7801)	6.5	4.4	5.5	BAR FA 1CR7	6.7	3.8	5.3
CAYENNE	6.5	4.4	5.5	PST-5KI	6.2	4.3	5.3
CIS-TF-65	6.5	4.4	5.5	JT-15	6.2	4.3	5.2
GO-SIU2	6.3	4.6	5.4	FINELAWN ELITE (DLSD)	6.3	4.2	5.2
LEGITIMATE	6.4	4.5	5.4	DP 50-9226	6.4	4.1	5.2
MRF 28	6.7	4.2	5.4	BONSAI	6.2	4.2	5.2
UT-155	6.7	4.1	5.4	PST-5A1	6.4	4.0	5.2
GO-RD4	6.3	4.6	5.4	DYNASTY	6.1	4.3	5.2
JT-13	6.4	4.4	5.4	PICK TF H-97	6.6	3.8	5.2
PST-53T	6.5	4.4	5.4	KO1-8007	6.4	4.0	5.2
CAS-ED	6.4	4.4	5.4	JT-12	6.6	3.8	5.2
BAR FA 1005	6.6	4.2	5.4	01-RUTOR2	6.4	3.9	5.2
WATCHDOG	6.6	4.2	5.4	PST-5T1	6.4	3.9	5.2
GO-FL3	5.6	5.2	5.4	PURE GOLD	5.9	4.4	5.2
PST-5FZD	6.4	4.3	5.4	GREMLIN (P-58)	6.2	3.9	5.0
SR 8250	6.3	4.5	5.4	DP 50-9082	5.9	3.8	4.8
ATF 806	6.4	4.4	5.4	FINESSE II	6.0	3.6	4.8
01-TFOR3	6.1	4.7	5.4	KY-31 E+	4.8	4.0	4.4
MA 127	6.4	4.4	5.4				
RAPTOR (CIS-TF-33)	5.9	4.8	5.4	LSD VALUE	0.8	0.7	0.5
MRF 211	6.5	4.3	5.4	C.V. (%)	7.7	9.6	8.5

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 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHERN REGION
2002 DATA

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

NAME	AL1	GA1	MEAN	NAME	AL1	GA1	MEAN
REBEL EXEDA	6.0	7.3	6.6	MRF 29	5.7	6.8	6.2
KO1-8015	6.2	7.0	6.6	GREMLIN (P-58)	5.5	6.9	6.2
AVENGER (L1Z)	6.1	6.9	6.5	SILVERADO II (PST-578)	5.3	7.2	6.2
PST-5FZD	5.9	7.1	6.5	OLYMPIC GOLD	5.3	7.1	6.2
SILVERSTAR (PST-5ASR)	5.5	7.4	6.5	BRAVO	5.3	7.0	6.2
BINGO	6.0	7.0	6.5	CIS-TF-67	5.8	6.5	6.2
PST-5T1	5.5	7.3	6.4	GRANDE II	5.8	6.5	6.2
SR 8600	5.8	7.0	6.4	JT-6	5.4	7.0	6.2
BLACKWATCH (PICK-OD3-01)	5.7	7.1	6.4	MRF 27	5.1	7.3	6.2
DYNASTY	5.8	7.0	6.4	TAR HEEL II (PST-5TR1)	5.2	7.2	6.2
DAVINCI (LTP-7801)	5.4	7.4	6.4	PST-5KU	5.0	7.3	6.2
FOCUS	5.5	7.2	6.4	PURE GOLD	5.3	7.0	6.2
ROBERTS SM4	5.5	7.3	6.4	COCHISE III (018)	5.4	7.0	6.2
BAR FA 1005	5.5	7.2	6.3	COYOTE	5.3	7.0	6.2
UT-RB3	5.4	7.3	6.3	FINESSE II	5.4	7.0	6.2
O1-RUTOR2	5.5	7.1	6.3	PICK TF H-97	5.3	7.1	6.2
FORTE (BE-2)	5.5	7.1	6.3	BE1	5.2	7.1	6.1
KO1-WAF	5.8	6.9	6.3	JTTFF-2000	5.4	6.9	6.1
PST-5NAS	5.5	7.1	6.3	PROSPECT	5.4	6.9	6.1
REBEL SENTRY	5.5	7.1	6.3	CAS-MC1	5.3	7.0	6.1
MILLENNIUM	5.5	7.0	6.3	CAYENNE	5.6	6.7	6.1
PST-5A1	5.7	6.9	6.3	LEGITIMATE	5.2	7.1	6.1
WATCHDOG	5.4	7.2	6.3	NA-TDD	5.3	7.0	6.1
JUSTICE (RB2-01)	5.6	7.0	6.3	ATF 799	5.3	7.0	6.1
BARRINGTON	5.4	7.2	6.3	KO1-E03	5.2	7.1	6.1
FALCON IV (F-4)	5.8	6.8	6.3	MRF 26	5.4	6.9	6.1
GO-OD2	5.4	7.2	6.3	PST-53T	5.3	7.0	6.1
MAGELLAN (OD-4)	5.8	6.8	6.3	UT-155	5.3	7.0	6.1
MASTERPIECE	5.4	7.1	6.3	KALAHARI	5.4	6.8	6.1
MUSTANG 3	5.5	7.0	6.3	LARAMIE	5.4	6.8	6.1
GUARDIAN-21 (ROBERTS DOL)	6.0	6.6	6.3	PADRE (NJ4)	5.4	6.8	6.1
PICASSO	5.5	7.1	6.3	GO-SIU2	5.2	7.0	6.1
B-7001	5.1	7.4	6.3	FIVE POINT (MCN-RC)	5.0	7.3	6.1
FINELAWN ELITE (DLSD)	5.5	7.0	6.3	PST-57E	5.2	7.0	6.1
MRF 28	5.3	7.3	6.3	TF66	5.3	6.9	6.1
PICK-00-AFA	5.5	7.0	6.3	BARRERA	5.3	6.9	6.1
CIS-TF-77	5.5	6.9	6.2	MRF 210	5.4	6.8	6.1
INFERNO (JT-99)	5.4	7.0	6.2	SR 8550 (SRX 8BE4)	5.5	6.7	6.1
MRF 25	5.4	7.0	6.2	CONSTITUTION (ATF-593)	5.2	7.0	6.1
PST-5KI	5.4	7.0	6.2	PST-5TU0	5.2	6.9	6.1
TAHOE (CAS-157)	5.4	7.1	6.2	TITANIUM (SBM)	5.7	6.4	6.1
PST-5JM	5.3	7.1	6.2	SR 8250	5.5	6.6	6.1
R-4	5.5	7.0	6.2	TRACER	5.3	6.9	6.1
JT-9	5.4	7.0	6.2	WYATT	5.1	7.0	6.1
				O1-ORU1	5.5	6.5	6.0

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT TWO LOCATIONS 1/
 IN THE SOUTHERN REGION
 2002 DATA

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

NAME	AL1	GA1	MEAN	NAME	AL1	GA1	MEAN
DP 50-9082	5.0	7.0	6.0	STETSON	5.3	6.7	6.0
2ND MILLENNIUM	5.2	6.9	6.0	COVENANT (ATF 802)	5.2	6.7	5.9
BILTMORE	5.2	6.9	6.0	BAR FA 1003	4.9	7.0	5.9
CIS-TF-65	5.2	6.9	6.0	CIS-TF-60	4.9	6.9	5.9
MA 138	5.1	7.0	6.0	ATF 704	4.8	7.0	5.9
SIGNIA	5.1	7.0	6.0	SCORPION	5.3	6.5	5.9
T991	5.0	7.1	6.0	DAYTONA (MRF 23)	5.0	6.8	5.9
TULSA II (ATF 706)	5.4	6.7	6.0	KO1-E09	5.0	6.8	5.9
ATF-800	5.3	6.8	6.0	MRF 211	5.0	6.8	5.9
DP 50-9226	5.0	7.0	6.0	PROSEEDS 5301	5.5	6.3	5.9
ENDEAVOR	5.1	6.9	6.0	JT-12	4.8	6.9	5.9
WOLFPAK	5.1	6.9	6.0	MA 158	5.2	6.5	5.9
JAGUAR 3	5.1	7.0	6.0	RAPTOR (CIS-TF-33)	5.5	6.2	5.9
QUEST	5.1	7.0	6.0	CIS-TF-64	5.1	6.6	5.9
REMBRANDT	5.5	6.6	6.0	TEMPEST	5.3	6.5	5.9
BARLEXAS	5.1	6.9	6.0	TOMAHAWK RT	5.1	6.6	5.9
CAS-ED	5.2	6.8	6.0	PLANTATION	5.2	6.5	5.8
GO-FL3	5.1	6.9	6.0	ATF 806	5.1	6.6	5.8
KO1-8007	5.1	6.9	6.0	BARLEXAS II	5.0	6.7	5.8
PICK ZMG	5.6	6.4	6.0	JT-13	4.8	6.8	5.8
TAR HEEL	5.2	6.8	6.0	PST-DDL	4.9	6.7	5.8
MATADOR	5.2	6.8	6.0	TITAN LTD.	5.4	6.3	5.8
PST-5BAB	5.3	6.7	6.0	ATF 702	4.8	6.8	5.8
PST-5L0	5.3	6.7	6.0	ATF 707	4.8	6.8	5.8
O1-TFOR3	5.3	6.6	6.0	EA 163	4.7	6.9	5.8
ATF 586	5.4	6.6	6.0	BAR FA 1CR7	5.1	6.4	5.8
DLF-J210	5.0	7.0	6.0	FALCON II	4.8	6.7	5.8
DOMINION	5.1	6.9	6.0	SOUTH PAW (MRF 24)	4.8	6.7	5.8
GO-RD4	5.0	7.0	6.0	ELISA	4.7	6.8	5.7
PST-5S12	5.4	6.6	6.0	LANCER	5.0	6.5	5.7
RENDITION	5.3	6.7	6.0	PST-5BZ	4.9	6.5	5.7
SRX 805	5.3	6.7	6.0	JT-18	5.2	6.2	5.7
ATF-803	5.1	6.8	6.0	BONSAI	4.3	6.5	5.4
JT-15	5.0	6.9	6.0	KY-31 E+	3.9	6.0	4.9
KITTY HAWK 2000	5.0	6.9	6.0				
MA 127	5.2	6.8	6.0	LSD VALUE	0.6	0.7	0.5
SOUTHERN CHOICE II	5.0	6.9	6.0	C.V. (%)	6.6	6.6	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 12.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	AR1	CAS3	GA1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	VA1	WA1	WA3	WI1	MEAN
CIS-TF-60	5.7	7.0	9.0	7.3	6.7	9.0	7.3	8.0	6.0	8.0	4.0	5.3	6.3	7.3	7.7	8.7	6.7	8.0	7.7	9.0	8.0	5.7	7.2
MRF 28	6.3	7.0	9.0	7.3	6.7	8.7	7.3	8.0	5.7	7.3	5.0	4.7	6.0	6.3	7.0	8.0	7.7	8.7	7.3	9.0	7.7	6.0	7.1
CIS-TF-65	5.7	7.0	9.0	7.0	6.3	7.7	6.7	6.7	6.3	8.0	4.7	4.7	6.3	8.0	8.7	7.7	7.3	8.3	7.3	9.0	8.0	6.0	7.1
MRF 211	6.3	7.0	8.7	7.7	6.0	7.7	6.7	7.7	6.0	7.3	4.7	4.7	6.0	7.7	8.0	7.7	8.0	8.3	7.3	9.0	7.3	6.0	7.1
SRX 805	6.7	7.0	9.0	7.0	5.7	8.0	6.7	8.0	6.7	7.3	4.3	5.3	6.0	7.7	6.3	8.3	7.3	8.3	7.3	9.0	7.7	5.3	7.0
NA-TDD	5.0	7.0	9.0	7.7	6.7	8.7	7.0	7.7	5.7	7.0	4.7	5.0	5.7	7.7	7.3	7.3	7.3	8.3	7.0	9.0	8.0	6.0	7.0
MRF 210	5.7	7.0	9.0	7.0	6.0	8.3	7.0	7.7	5.7	7.0	4.7	5.0	6.0	7.3	7.3	8.0	7.0	8.7	7.3	9.0	7.3	6.0	7.0
MRF 29	5.7	7.0	9.0	7.7	6.7	8.0	7.0	6.7	5.7	7.0	5.0	5.0	6.0	6.7	7.7	7.7	7.3	8.3	7.3	9.0	7.7	6.0	7.0
PST-53T	6.0	7.0	9.0	8.0	5.7	7.3	6.7	6.3	6.3	7.3	5.0	5.7	5.7	8.0	8.0	7.7	6.3	8.0	7.0	9.0	7.3	6.0	7.0
BAR FA 1CR7	5.7	7.0	9.0	8.0	6.3	8.0	7.0	7.3	5.7	7.3	4.7	5.0	6.0	6.3	6.0	7.7	8.0	8.0	7.0	9.0	7.7	6.0	6.9
JT-13	6.3	7.0	9.0	7.3	5.7	7.7	6.0	6.7	5.7	7.3	5.0	4.7	6.0	7.7	7.7	7.7	7.3	8.3	7.0	9.0	7.7	6.0	6.9
JT-6	6.0	7.0	9.0	7.7	6.0	8.3	7.0	7.3	5.0	7.0	4.7	5.3	5.3	7.3	7.3	7.0	7.0	8.0	7.0	9.0	8.0	6.3	6.9
MRF 25	7.0	7.0	9.0	7.0	6.3	7.3	6.7	6.7	6.0	7.0	5.0	4.7	5.7	6.7	8.3	7.3	6.7	8.7	7.0	9.0	8.0	5.7	6.9
UT-RB3	6.3	7.0	9.0	7.3	6.7	7.0	6.0	6.7	6.3	7.0	4.7	5.3	5.7	7.3	7.7	7.7	6.7	8.7	7.7	9.0	7.0	5.7	6.9
UT-155	6.7	7.0	8.7	7.3	6.3	6.3	6.3	6.0	6.0	7.7	5.0	5.0	5.3	7.0	8.3	7.7	6.7	8.7	7.3	9.0	7.3	5.7	6.9
ATF 702	5.3	7.0	9.0	7.7	6.0	7.7	6.7	7.0	5.7	7.0	4.0	5.0	6.0	7.3	6.7	8.3	7.0	8.0	7.0	9.0	7.7	6.0	6.9
K01-8015	7.3	7.0	9.0	7.3	6.0	6.7	6.3	5.7	5.7	7.0	5.0	5.0	5.3	8.0	9.0	6.7	7.3	8.0	7.0	9.0	7.0	5.7	6.9
MRF 26	5.0	7.0	9.0	7.3	6.3	8.0	6.7	7.3	5.3	7.0	4.0	4.7	6.0	7.3	7.7	7.3	7.0	8.3	7.0	9.0	7.7	6.0	6.9
BINGO	6.0	7.0	8.7	7.0	6.7	8.0	7.0	7.0	6.3	7.0	4.0	5.3	5.3	7.3	7.3	7.0	6.3	8.0	7.3	9.0	7.3	5.7	6.8
JT-18	6.3	7.0	8.7	7.3	6.0	7.7	6.3	7.0	5.3	7.0	5.3	4.7	5.7	8.0	7.0	7.0	6.7	8.0	7.0	9.0	7.3	6.0	6.8
PST-5KU	7.3	7.0	9.0	7.7	5.7	7.0	7.0	6.3	5.7	7.3	4.7	4.3	5.0	6.3	8.3	7.7	6.7	8.7	6.7	9.0	7.7	5.3	6.8
CIS-TF-67	5.7	7.0	8.3	7.3	5.7	7.0	6.3	6.3	5.3	7.0	5.0	5.0	6.0	7.7	8.3	7.3	7.3	8.0	7.0	9.0	7.7	6.0	6.8
SR 8550 (SRX 8BE4)	7.0	7.0	8.7	7.3	5.7	6.7	6.0	6.7	5.3	7.0	4.3	5.0	6.0	7.3	7.3	7.0	7.7	8.7	7.0	9.0	7.7	6.0	6.8
K01-8007	7.0	7.0	8.7	7.0	6.0	6.3	6.0	6.7	5.3	7.0	4.3	4.3	5.7	7.7	8.7	8.0	7.7	8.0	7.3	9.0	6.3	6.0	6.8
PST-5JM	6.3	7.0	9.0	7.7	6.3	7.3	6.0	6.7	5.7	7.0	5.3	4.7	6.0	7.0	7.7	6.7	6.7	8.0	7.0	9.0	7.7	5.3	6.8
SIGNIA	5.3	7.0	8.7	7.7	5.7	7.0	6.7	7.0	5.7	7.0	4.0	5.7	5.7	7.3	7.7	7.7	6.0	8.7	7.0	9.0	7.3	5.7	6.8
MATADOR	6.0	7.0	9.0	7.3	6.3	7.3	6.3	6.3	4.3	7.3	5.0	5.3	5.3	7.3	8.0	7.0	7.0	8.0	6.7	8.7	8.0	5.7	6.8
MRF 27	5.7	7.0	9.0	7.3	6.7	8.0	6.7	6.7	6.0	7.0	4.0	4.7	5.7	6.7	7.0	6.7	6.3	8.0	7.3	9.0	7.7	6.0	6.8
EA 163	6.7	7.0	9.0	7.3	6.3	7.0	6.3	6.3	5.3	7.0	4.7	4.7	5.3	7.0	7.7	7.0	6.0	8.3	7.3	9.0	7.7	5.7	6.8
RAPTOR (CIS-TF-33)	6.0	7.0	8.3	7.0	6.0	7.7	5.7	6.7	5.7	6.7	4.7	4.7	6.3	7.7	7.7	7.0	6.7	8.0	6.7	9.0	7.7	6.0	6.8
PST-DDL	6.7	7.0	8.7	7.3	5.3	7.3	6.0	6.3	5.7	7.0	4.7	5.0	5.3	7.3	8.0	6.0	7.7	8.0	7.3	9.0	7.0	5.7	6.7
TRACER	6.0	7.0	9.0	7.3	5.0	9.0	6.3	7.0	5.0	7.0	4.3	5.0	5.3	6.7	7.7	7.0	6.0	8.3	7.0	9.0	7.3	6.0	6.7
CIS-TF-64	5.7	7.0	8.7	7.3	5.7	7.3	6.0	7.0	5.7	7.0	5.0	5.7	5.7	8.0	7.3	7.0	6.7	8.0	6.7	9.0	6.7	5.0	6.7
JT-9	5.7	7.0	9.0	7.0	5.7	7.3	6.7	6.3	5.3	7.0	5.0	5.3	5.0	7.0	6.7	6.7	7.7	8.0	7.3	9.0	7.3	6.0	6.7
COYOTE	6.3	7.0	8.7	7.7	6.0	7.0	6.7	6.3	5.0	7.0	5.3	5.3	5.7	7.0	7.3	7.0	6.0	8.0	7.0	9.0	7.3	5.3	6.7
MA 158	6.3	7.0	9.0	7.0	6.3	6.0	6.3	6.7	5.3	7.0	5.3	5.0	5.7	6.7	7.0	7.7	7.0	8.0	7.0	9.0	7.7	5.0	6.7
COCHISE III (018)	7.0	7.0	9.0	6.7	5.7	6.3	6.7	6.3	5.3	7.0	4.3	6.0	6.0	7.3	8.3	6.0	6.3	8.3	7.0	9.0	7.3	5.0	6.7
JT-12	5.0	7.0	8.7	7.3	5.3	7.3	6.7	7.0	5.3	7.0	5.0	4.7	5.7	7.3	7.0	7.3	7.0	8.0	7.0	9.0	7.7	5.7	6.7
MA 127	7.7	7.0	8.7	7.0	5.7	6.7	6.0	6.7	6.0	7.0	4.3	5.3	5.7	7.0	7.3	6.3	6.3	8.0	7.3	9.0	7.7	5.3	6.7
JUSTICE (RB2-01)	7.0	7.0	8.7	7.0	6.3	5.7	6.7	6.3	5.7	7.0	5.0	5.0	5.7	7.7	6.7	7.0	6.0	8.0	7.0	9.0	8.0	5.3	6.7
DAVINCI (LTP-7801)	5.7	7.0	9.0	6.7	5.7	6.3	6.7	6.7	5.3	7.0	4.7	5.0	5.3	8.0	7.3	7.7	6.3	8.0	7.0	9.0	7.3	6.0	6.7
SOUTHERN CHOICE II	6.3	7.0	9.0	7.3	6.7	6.7	6.7	6.3	5.0	7.0	4.3	5.3	5.3	6.7	6.7	7.3	6.7	8.0	7.3	9.0	7.3	5.7	6.7
T991	6.0	7.0	9.0	7.0	5.7	8.7	6.3	7.0	5.3	7.3	4.7	5.3	4.7	6.7	7.3	6.3	6.3	8.0	7.0	9.0	7.7	5.3	6.7
TAHOE (CAS-157)	6.7	7.0	9.0	7.0	6.3	6.7	6.3	6.0	6.0	7.3	5.0	4.3	5.7	7.3	7.3	6.3	6.3	8.0	6.7	9.0	7.7	5.7	6.7

TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	AR1	CAS3	GA1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	VA1	WA1	WA3	WI1	MEAN
TEMPEST	5.7	7.0	9.0	7.0	6.7	7.0	6.7	7.0	5.3	7.0	4.7	4.7	5.7	6.7	6.3	7.7	6.7	7.7	7.0	9.0	7.3	5.7	6.7
CAS-ED	6.7	7.0	8.7	7.0	6.3	7.0	6.0	6.7	6.0	7.0	4.3	5.0	5.7	7.0	7.0	6.7	6.7	8.0	7.0	9.0	7.0	5.7	6.7
DAYTONA (MRF 23)	6.7	7.0	8.7	7.0	6.0	8.0	6.7	7.0	5.3	7.0	4.7	5.0	5.7	5.7	5.7	7.3	6.3	8.0	7.0	9.0	7.7	6.0	6.7
QUEST	6.7	7.0	9.0	6.7	6.3	7.0	6.3	6.3	5.3	7.0	4.7	5.0	5.3	7.3	8.3	6.0	6.7	8.0	7.0	9.0	7.0	5.3	6.7
AVENGER (L1Z)	6.7	7.0	8.7	7.3	5.3	6.3	6.3	6.7	5.7	7.0	4.0	5.3	5.3	7.7	7.7	6.7	6.0	8.3	7.0	9.0	7.3	5.7	6.7
BILTMORE	6.3	7.0	8.7	7.0	6.0	7.0	6.3	6.7	4.7	7.3	4.7	5.3	5.3	6.7	8.0	7.0	6.3	8.0	6.7	9.0	7.3	5.7	6.7
FORTE (BE-2)	6.7	7.0	8.7	7.0	6.3	6.0	6.7	6.3	5.7	7.7	4.3	5.0	5.3	6.3	8.7	6.0	6.7	8.0	6.7	9.0	7.7	5.3	6.7
MAGELLAN (OD-4)	5.3	7.0	8.7	7.7	6.3	5.0	6.7	6.7	5.7	7.0	4.0	4.7	5.3	8.0	8.0	6.7	7.0	8.3	7.0	9.0	7.7	5.3	6.7
PROSEEDS 5301	6.0	7.0	9.0	7.0	6.7	6.0	7.0	6.3	5.7	6.7	4.3	5.3	4.7	7.0	8.3	6.3	6.7	8.0	7.0	9.0	7.3	5.7	6.7
PST-5TUO	7.0	7.0	9.0	7.0	5.3	6.0	6.7	6.0	5.7	7.0	4.7	4.3	5.3	7.0	8.0	7.0	6.7	8.3	6.3	9.0	8.0	5.7	6.7
REBEL SENTRY	7.0	7.0	9.0	7.3	6.0	7.7	6.0	6.7	5.7	7.0	4.3	4.7	5.0	6.3	7.3	7.0	6.3	8.0	6.7	9.0	7.3	5.7	6.7
JT-15	5.3	7.0	8.7	7.0	6.3	6.7	6.3	6.7	5.0	7.3	5.0	4.7	5.0	7.0	8.0	7.0	6.3	8.0	7.3	9.0	7.0	6.0	6.7
MUSTANG 3	6.3	7.0	8.7	7.0	5.3	5.7	6.0	6.0	5.3	7.0	4.3	5.0	5.3	7.3	9.0	7.3	6.3	8.0	7.7	9.0	7.3	5.7	6.7
ATF 806	7.7	7.0	8.7	7.3	5.3	7.0	6.3	6.3	5.3	6.7	5.0	5.3	5.3	7.0	6.7	6.3	6.3	7.7	7.0	9.0	7.7	5.7	6.7
ATF 799	7.0	7.0	9.0	7.0	6.0	6.3	6.7	6.0	5.3	7.0	4.3	4.7	5.7	6.7	6.7	7.0	7.0	8.0	7.0	9.0	7.0	6.0	6.7
B-7001	5.3	7.0	9.0	6.7	6.0	7.0	6.0	6.3	5.3	7.0	4.3	5.0	5.0	7.7	7.3	7.0	6.7	8.3	7.7	9.0	7.3	5.3	6.7
BARLEXAS II	6.7	7.0	9.0	7.7	5.7	6.3	6.7	6.3	5.0	7.0	5.0	4.7	5.3	6.3	7.7	7.0	6.0	8.3	7.0	9.0	6.7	5.7	6.6
MA 138	5.3	7.0	8.7	7.7	6.3	6.0	7.0	5.3	5.7	7.0	5.0	5.0	6.0	7.0	5.7	7.0	7.0	8.0	7.3	9.0	7.3	5.7	6.6
KALAHARI	5.3	7.0	9.0	7.0	6.3	5.3	6.3	6.3	5.7	7.0	4.7	4.7	5.7	6.3	8.7	6.3	6.7	7.7	7.3	9.0	7.0	6.0	6.6
PST-5FZD	5.0	7.0	9.0	7.0	5.7	5.3	6.3	6.0	5.3	7.0	5.3	4.7	5.7	7.7	8.7	5.7	6.3	8.0	6.7	9.0	8.0	6.0	6.6
FINESSE II	5.7	7.0	9.0	7.3	5.7	6.3	6.0	6.7	5.7	7.0	4.0	4.7	5.0	6.7	7.0	7.7	6.7	8.0	6.3	9.0	8.0	6.0	6.6
BLACKWATCH (PICK-OD3-01)	6.7	7.0	8.7	7.3	6.3	6.0	6.0	6.0	5.7	7.0	4.3	5.3	5.7	6.0	8.7	6.3	6.0	8.0	6.7	9.0	7.7	5.0	6.6
CAS-MC1	5.7	7.0	9.0	7.3	6.3	6.0	6.0	6.0	5.0	7.0	4.3	5.0	5.7	7.3	8.0	6.0	6.7	8.0	6.7	8.7	7.3	5.7	6.6
GRANDE II	6.3	7.0	8.7	7.0	6.3	5.3	6.3	6.7	5.7	7.0	4.7	5.3	5.0	7.0	7.7	6.0	6.0	8.0	7.0	8.7	7.3	5.7	6.6
GREMLIN (P-58)	7.0	7.0	9.0	7.0	6.0	5.7	6.3	6.0	5.0	7.3	5.0	4.3	5.7	7.0	7.0	7.0	6.3	8.0	7.3	9.0	6.3	5.3	6.6
PICK ZMG	6.3	7.0	8.7	7.0	6.0	5.7	6.0	6.3	5.3	7.0	4.7	5.3	5.7	7.0	8.0	6.7	6.3	8.0	6.7	9.0	6.7	5.3	6.6
RENDITION	6.0	7.0	8.7	6.7	5.3	6.3	6.3	6.3	5.7	7.0	4.0	5.0	5.7	6.7	7.3	7.3	6.3	8.0	6.7	9.0	7.3	6.0	6.6
GO-OD2	6.0	7.0	9.0	7.3	6.3	5.7	6.3	6.0	5.7	7.0	4.3	5.0	5.0	6.7	8.0	7.0	6.3	8.0	7.0	8.7	7.0	5.3	6.6
FALCON IV (F-4)	5.3	7.0	8.7	7.0	6.0	5.0	6.7	6.3	5.7	7.0	4.7	5.0	5.7	7.0	8.7	6.0	6.0	8.0	6.7	9.0	7.7	5.3	6.6
INFERNO (JT-99)	5.0	7.0	8.7	6.7	6.0	5.3	6.3	5.3	5.7	7.3	4.0	5.7	5.0	7.3	8.0	6.7	6.3	9.0	7.0	9.0	7.0	6.0	6.6
PST-5A1	6.3	7.0	8.3	6.3	5.3	7.3	6.3	6.3	5.0	7.3	5.0	4.7	5.0	7.0	7.3	6.0	6.7	8.0	7.0	8.7	7.7	5.7	6.6
ATF-800	5.7	7.0	9.0	6.7	6.0	6.0	6.7	6.3	5.0	7.0	4.7	5.3	5.3	6.7	7.3	6.3	6.3	8.0	7.0	9.0	7.3	5.3	6.5
GUARDIAN-21 (ROBERTS DOL)	5.7	7.0	9.0	7.3	6.0	6.0	6.3	6.0	5.7	7.0	4.3	5.0	5.3	7.7	8.0	5.7	6.3	8.0	6.7	9.0	6.7	5.3	6.5
FIVE POINT (MCN-RC)	5.7	7.0	8.7	7.7	6.3	6.3	6.7	6.3	4.3	7.0	4.3	4.7	5.3	6.7	8.0	6.3	5.7	8.0	7.0	9.0	7.0	6.0	6.5
CAYENNE	6.7	7.0	8.7	7.0	6.0	5.0	6.0	5.7	5.0	7.0	4.3	5.0	4.7	7.0	8.7	7.3	6.3	8.3	6.7	9.0	7.0	5.7	6.5
K01-E09	6.7	7.0	9.0	7.3	5.7	6.3	6.3	6.7	5.3	7.0	4.0	5.3	5.0	7.0	7.3	5.3	6.0	8.0	7.0	9.0	7.0	5.7	6.5
K01-E03	6.0	7.0	8.7	7.3	5.3	6.7	6.3	6.7	5.3	7.0	4.3	4.7	5.0	6.3	7.7	6.7	6.0	8.7	7.0	8.7	7.3	5.0	6.5
BARRINGTON	7.0	7.0	8.7	7.3	5.3	6.7	6.0	6.7	5.3	7.0	4.0	5.3	5.0	6.3	6.0	6.7	6.3	8.0	7.3	8.7	7.0	6.0	6.5
FINELAWN ELITE (DLSD)	6.3	7.0	8.7	7.3	5.3	5.7	6.0	6.0	6.0	7.0	4.0	5.0	5.0	7.0	8.3	6.0	6.0	8.0	7.0	9.0	7.3	5.7	6.5
BAR FA 1003	5.7	7.0	9.0	6.7	5.7	5.3	6.7	6.7	5.0	7.0	5.0	5.0	5.3	7.3	6.0	7.3	6.0	8.0	7.0	9.0	7.7	5.3	6.5
CONSTITUTION (ATF-593)	5.7	7.0	8.7	7.3	6.3	5.3	6.3	6.0	5.3	7.0	4.7	4.7	5.0	6.7	7.7	6.0	6.3	8.0	7.0	9.0	8.0	5.3	6.5
BAR FA 1005	5.7	7.0	9.0	7.0	6.3	6.3	6.7	6.0	5.3	7.3	4.7	5.0	5.0	6.3	7.0	6.7	6.0	8.3	6.3	8.7	7.3	5.3	6.5
REBEL EXEDA	6.3	7.0	9.0	7.0	5.3	6.0	6.3	6.0	5.0	7.0	4.0	4.7	6.0	7.7	6.7	5.7	6.7	8.0	6.3	9.0	8.0	5.7	6.5
2ND MILLENNIUM	6.0	7.0	8.3	7.0	6.0	6.0	6.7	6.0	4.7	7.0	4.0	5.7	5.3	7.0	8.3	6.7	5.7	8.0	7.0	9.0	7.0	5.0	6.5
PROSPECT	5.7	7.0	9.0	7.0	5.7	7.0	6.7	6.0	4.7	7.0	4.0	5.3	5.3	6.0	8.0	6.7	6.0	8.0	6.7	8.7	7.3	5.7	6.5

TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	VA1	WA1	WA3	WI1	MEAN
SOUTH PAW (MRF 24)	5.7	7.0	9.0	7.3	5.7	7.0	6.0	6.0	5.0	7.0	5.0	4.7	5.7	7.3	6.3	6.3	6.7	7.7	7.0	9.0	6.7	5.3	6.5
PST-5NAS	4.7	7.0	8.7	7.0	6.0	5.7	6.3	6.0	5.3	7.0	5.0	4.7	5.3	7.0	8.7	5.7	6.0	7.7	7.0	9.0	7.3	6.0	6.5
CIS-TF-77	6.0	7.0	8.7	7.0	6.0	5.0	6.3	6.3	6.0	7.3	4.3	4.7	5.3	7.3	7.0	6.0	6.7	7.7	6.3	8.7	7.3	6.0	6.5
PICASSO	6.0	7.0	9.0	7.3	6.0	6.0	6.3	6.0	4.7	7.0	4.7	5.3	5.3	6.7	8.0	6.3	6.0	7.7	7.0	8.7	6.7	5.3	6.5
COVENANT (ATF 802)	6.3	7.0	9.0	7.3	6.0	6.7	6.3	6.3	5.3	6.7	4.7	4.7	5.3	6.3	5.7	6.7	5.7	8.3	7.0	9.0	7.0	5.3	6.5
FOCUS	6.7	7.0	8.7	7.0	5.7	5.7	6.3	6.3	5.3	7.0	4.0	5.3	5.3	6.7	7.0	6.3	6.3	8.0	7.0	8.7	7.3	5.0	6.5
PADRE (NJ4)	6.7	7.0	8.7	6.7	6.0	5.0	6.3	5.7	6.0	7.0	4.0	4.0	5.3	7.3	8.7	5.7	6.3	7.7	6.7	8.3	7.7	6.0	6.5
ATF-803	6.3	7.0	8.7	7.0	6.3	6.3	6.3	6.0	5.0	6.3	4.7	5.0	5.0	5.7	8.0	7.0	5.7	8.0	7.0	9.0	7.0	5.0	6.5
ROBERTS SM4	5.3	7.0	9.0	7.0	6.0	5.3	6.0	6.7	5.3	7.0	4.7	4.0	5.7	7.3	7.0	7.0	6.0	7.7	7.0	9.0	7.0	5.3	6.5
TOMAHAWK RT	6.7	7.0	8.7	7.0	6.0	6.7	6.3	6.3	5.3	7.0	4.7	4.7	5.3	6.7	6.3	6.0	5.7	8.3	6.3	8.7	7.3	5.3	6.5
01-ORU1	5.7	7.0	8.3	7.0	6.3	5.3	6.0	6.3	5.0	7.0	4.3	5.0	5.3	6.3	8.0	6.0	6.3	8.0	7.3	9.0	7.3	5.3	6.5
JTTFF-2000	6.0	7.0	9.0	7.3	5.0	7.0	6.7	6.0	5.3	6.7	4.7	4.3	5.7	6.3	6.3	6.7	6.3	8.0	6.7	9.0	6.7	5.7	6.5
PURE GOLD	6.0	7.0	9.0	7.0	5.7	6.3	6.3	5.7	4.7	7.0	4.7	5.0	5.3	7.3	6.7	5.0	7.0	8.0	7.0	9.0	7.0	5.7	6.5
TITANIUM (SBM)	6.3	7.0	8.3	7.7	5.7	5.0	6.0	6.0	5.0	7.0	4.3	5.0	5.3	7.0	8.0	6.3	6.0	7.7	6.7	9.0	7.7	5.3	6.5
PLANTATION	6.3	7.0	8.7	7.0	5.7	6.3	6.0	6.3	5.0	7.0	4.0	5.0	5.3	6.7	7.3	6.0	6.0	8.0	6.7	9.0	7.0	5.7	6.5
PST-57E	6.7	7.0	9.0	6.7	6.0	5.3	6.0	5.7	5.0	7.0	4.7	4.3	5.3	6.3	7.7	6.3	6.3	8.0	6.7	9.0	7.0	6.0	6.5
R-4	6.0	7.0	8.7	7.0	6.7	5.0	6.0	6.7	4.7	7.0	4.3	5.0	5.0	6.7	8.0	6.7	6.3	7.7	6.3	9.0	7.0	5.3	6.5
01-RUTOR2	6.0	7.0	9.0	7.0	6.0	5.0	6.0	6.0	5.0	7.0	5.0	4.7	5.7	6.7	6.7	6.7	6.3	8.0	7.0	9.0	6.7	5.3	6.4
PST-5BZ	5.0	7.0	8.3	7.0	6.0	6.3	6.0	6.0	5.3	7.0	4.7	4.7	5.0	7.0	8.3	5.7	6.0	8.0	7.0	9.0	7.0	5.3	6.4
BE1	5.3	7.0	8.7	7.3	6.0	5.3	6.7	6.0	5.0	7.0	4.7	5.0	5.0	6.7	7.3	7.0	6.0	7.3	7.3	9.0	7.0	5.0	6.4
DLF-J210	6.3	7.0	8.7	7.0	5.7	6.0	6.3	6.3	5.3	7.0	4.7	5.0	6.0	6.0	7.0	5.7	6.0	7.3	7.0	8.7	7.3	5.0	6.4
PICK-00-AFA	7.3	7.0	9.0	6.7	5.7	5.7	6.0	5.7	4.7	7.0	5.0	5.0	5.0	6.7	7.7	5.0	6.0	7.7	7.0	9.0	7.0	5.7	6.4
BARRERA	6.0	7.0	8.3	6.7	5.0	5.7	6.7	6.7	6.0	7.0	4.3	5.0	5.3	6.7	6.0	6.7	6.0	7.7	7.0	9.0	6.3	6.0	6.4
PST-5KI	6.3	7.0	8.7	7.3	5.7	5.0	6.0	6.0	5.0	7.0	4.7	5.7	5.3	6.3	7.3	5.0	5.7	8.3	6.7	9.0	7.7	5.3	6.4
SR 8250	6.3	7.0	8.7	7.0	5.7	6.7	6.0	6.3	5.0	7.0	4.7	5.3	5.3	6.7	5.7	5.0	6.0	8.0	7.0	9.0	7.7	5.0	6.4
PICK TF H-97	7.0	7.0	9.0	7.3	5.0	6.3	6.3	5.7	5.0	6.7	5.0	4.7	5.0	7.3	6.0	5.7	6.0	7.7	7.0	8.7	7.3	5.0	6.4
PST-5BAB	5.3	7.0	8.0	7.0	5.7	5.3	6.0	6.0	5.0	7.0	4.7	4.7	5.7	6.7	8.7	6.0	6.3	8.0	7.0	8.3	7.0	5.0	6.4
KITTY HAWK 2000	5.7	7.0	8.7	6.7	5.7	5.7	6.3	6.0	5.3	7.0	4.7	4.7	5.3	7.0	7.0	6.0	6.0	8.0	6.7	8.7	6.7	5.3	6.4
SR 8600	6.0	7.0	9.0	6.7	5.7	6.0	6.0	5.7	5.3	7.0	4.7	5.3	5.3	7.0	6.3	5.3	6.0	7.7	7.0	8.7	6.7	5.7	6.4
DP 50-9226	6.3	7.0	9.0	6.3	6.3	5.3	6.0	6.7	5.0	7.0	4.3	4.7	5.3	6.7	7.3	6.3	5.7	7.3	6.7	8.3	6.7	5.7	6.4
ATF 707	6.3	6.7	8.7	7.3	5.7	7.0	6.7	6.0	4.3	7.3	4.3	5.0	5.3	5.3	5.3	5.7	6.0	8.0	7.0	9.0	7.7	5.0	6.3
PST-5T1	5.7	7.0	8.7	6.7	5.7	5.0	6.3	6.0	5.7	6.7	5.3	4.3	5.0	6.3	7.3	5.3	6.0	8.0	7.0	9.0	7.3	5.3	6.3
LARAMIE	5.3	7.0	8.7	7.0	5.7	7.0	6.0	5.7	4.7	7.0	4.0	4.7	5.3	7.0	4.3	6.7	6.3	8.0	7.3	9.0	6.7	5.7	6.3
PST-5S12	6.3	7.0	8.3	7.0	5.7	5.3	6.0	5.7	4.0	7.0	5.0	5.0	5.3	6.7	8.3	4.7	6.0	8.0	6.3	9.0	6.7	5.3	6.3
REMBRANDT	5.7	7.0	8.3	7.0	6.0	4.3	6.3	6.0	4.7	6.7	4.3	5.7	5.3	7.0	8.3	5.0	6.0	7.0	7.0	8.7	7.0	5.0	6.3
MILLENNIUM	6.3	7.0	8.7	6.7	5.7	5.0	5.7	5.7	4.7	7.0	4.0	5.7	5.7	6.7	6.7	5.0	6.7	7.7	6.3	8.7	7.3	5.3	6.3
DYNASTY	6.7	7.0	8.7	7.3	5.3	4.7	5.7	5.7	5.0	7.0	4.7	5.7	5.0	6.0	7.7	4.0	6.0	7.3	7.0	9.0	7.3	5.3	6.3
K01-WAF	5.7	7.0	8.3	7.0	6.0	5.7	6.0	5.7	4.7	6.3	4.7	4.7	5.0	7.0	8.0	4.7	5.7	8.0	7.0	9.0	7.0	5.0	6.3
SCORPION	5.7	7.0	8.7	7.0	6.0	5.0	6.3	6.3	4.7	7.0	4.3	4.7	5.3	7.0	6.7	4.7	6.0	8.0	6.7	9.0	6.7	5.0	6.3
BRAVO	6.3	7.0	8.7	7.0	5.3	5.3	6.3	6.3	4.7	7.0	4.0	5.3	5.0	5.3	6.3	6.0	5.3	8.0	6.7	8.0	7.7	5.3	6.2
TF66	6.7	7.0	8.3	7.0	5.7	6.3	6.7	6.3	5.0	6.3	4.0	5.0	5.0	6.0	5.3	5.0	5.3	8.3	6.3	8.7	6.7	5.7	6.2
PST-5L0	6.0	7.0	8.7	6.7	5.3	5.0	5.7	5.3	4.7	7.0	5.0	5.0	5.0	6.7	7.0	4.3	6.0	8.0	6.7	9.0	7.3	5.0	6.2
BARLEXAS	6.3	7.0	9.0	6.7	5.3	5.3	6.3	6.3	4.7	7.0	4.0	5.0	5.3	5.3	6.3	5.7	5.3	7.7	6.7	8.3	7.0	5.0	6.2
SILVERSTAR (PST-5ASR)	5.7	7.0	8.3	6.7	6.0	4.0	5.7	6.0	4.7	6.7	4.7	5.0	5.7	6.7	5.7	5.3	5.3	8.0	7.0	9.0	7.0	5.3	6.2
ATF 586	5.7	7.0	8.7	7.0	5.3	5.3	5.7	6.0	5.0	6.7	5.0	5.0	5.3	6.3	5.3	4.0	6.0	8.0	6.3	8.7	7.3	5.3	6.1

TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	VA1	WA1	WA3	WI1	MEAN
ATF 704	5.3	7.0	8.7	7.0	5.0	6.0	6.0	6.3	5.0	7.0	4.3	4.7	5.0	6.0	5.3	5.7	5.3	8.0	7.0	8.3	7.0	5.0	6.1
MASTERPIECE	5.0	6.7	9.0	6.3	5.7	4.7	6.0	6.0	4.7	6.7	4.7	5.7	5.3	5.3	7.7	4.3	5.7	7.7	7.0	8.7	7.3	5.0	6.1
SILVERADO II (PST-578)	5.3	7.0	8.7	6.7	5.3	5.0	6.3	6.0	4.3	6.7	5.0	5.7	5.0	6.0	7.0	4.0	6.0	8.0	6.3	8.3	7.3	5.0	6.1
OLYMPIC GOLD	5.7	7.0	8.0	6.3	5.7	5.3	6.3	6.0	4.7	6.3	4.7	5.3	5.3	5.3	6.7	5.0	5.3	7.7	7.0	8.3	7.0	5.0	6.1
O1-TFOR3	5.7	7.0	8.0	7.0	5.7	6.0	6.0	6.3	4.7	6.7	4.3	4.7	5.0	7.0	4.7	3.7	5.7	7.3	7.0	9.0	7.3	5.0	6.1
TAR HEEL II (PST-5TR1)	6.7	7.0	8.7	7.0	5.7	4.3	6.0	5.7	5.3	6.7	4.7	4.7	5.0	6.3	6.0	3.3	5.3	8.0	6.3	8.3	6.3	5.3	6.0
FALCON II	6.0	6.7	8.0	6.7	6.0	4.0	6.0	6.0	4.0	6.7	4.3	5.7	5.0	8.0	5.7	4.3	5.7	7.3	6.7	8.0	6.7	5.0	6.0
LANCER	5.7	6.7	8.0	7.0	5.7	6.3	6.7	5.7	3.7	7.0	4.3	4.7	5.0	6.0	4.0	5.7	5.0	7.7	6.7	8.7	7.0	5.0	6.0
ENDEAVOR	6.0	7.0	8.0	7.0	6.0	4.3	5.7	5.7	4.0	6.3	4.7	5.0	5.0	6.3	7.0	3.3	5.0	7.7	6.7	8.3	7.0	5.0	6.0
LEGITIMATE	6.7	7.0	8.3	6.0	6.0	3.7	6.0	6.3	4.0	6.7	4.3	5.3	5.0	6.7	5.0	4.3	6.0	7.3	6.7	8.0	6.3	5.0	5.9
WATCHDOG	5.3	7.0	9.0	7.0	5.0	4.0	5.7	6.0	4.0	6.7	4.7	5.3	5.0	6.0	4.0	5.0	6.0	8.0	6.0	8.7	7.0	5.0	5.9
WYATT	6.0	7.0	8.0	6.3	5.7	5.7	6.0	6.3	4.0	6.3	4.3	5.7	5.0	4.7	6.7	3.3	5.7	8.0	6.3	7.7	6.3	5.0	5.9
BONSAI	6.0	7.0	8.0	6.3	5.3	5.7	6.0	6.0	3.7	6.3	4.3	4.7	5.0	5.3	5.3	6.3	5.0	7.0	7.0	8.3	6.3	5.0	5.9
TAR HEEL	5.7	7.0	8.3	6.7	5.7	4.3	6.0	6.0	4.0	6.3	4.7	5.0	5.3	6.0	4.7	3.3	5.3	8.0	6.7	8.7	6.7	5.0	5.9
TULSA II (ATF 706)	6.0	6.7	8.0	7.7	5.0	4.7	5.7	5.7	3.7	6.3	4.0	5.3	5.0	5.0	6.0	4.3	5.0	8.0	6.7	8.7	6.7	5.0	5.9
JAGUAR 3	6.3	7.0	8.0	7.0	6.0	3.7	5.7	5.7	4.0	6.7	4.0	5.0	5.0	5.0	6.3	4.0	5.0	7.3	6.7	7.7	6.7	5.0	5.8
GO-SIU2	5.7	7.0	8.0	6.7	5.0	4.0	6.3	5.3	4.3	6.3	4.7	4.7	5.0	5.0	5.0	5.0	5.7	7.3	6.7	7.7	7.0	5.0	5.8
WOLFPACK	5.3	7.0	8.0	6.3	5.3	5.3	6.0	5.3	4.0	6.0	5.0	4.7	5.0	5.3	6.0	3.7	5.3	7.7	6.0	8.0	7.0	5.0	5.8
DOMINION	6.0	7.0	8.0	6.3	5.3	3.7	5.7	6.0	4.0	6.7	4.3	6.0	5.0	5.3	6.0	3.3	5.3	7.7	5.7	8.0	6.7	5.0	5.8
GO-RD4	5.3	7.0	8.7	6.0	5.0	5.3	6.3	5.3	4.7	6.0	4.0	4.3	5.0	5.0	4.7	3.3	5.3	7.3	7.0	8.3	6.7	5.0	5.7
TITAN LTD.	6.3	7.0	8.3	6.3	5.3	5.7	5.7	5.3	3.3	6.3	4.3	4.7	4.7	4.7	4.0	3.3	5.7	7.3	6.0	8.3	6.7	5.0	5.7
STETSON	6.3	6.7	8.0	6.7	5.3	3.7	5.7	5.0	3.0	6.3	4.7	4.7	4.7	5.7	4.3	3.7	5.0	7.3	6.0	7.0	6.3	5.0	5.5
DP 50-9082	5.7	6.7	8.3	6.0	5.7	3.0	5.7	5.3	4.0	5.7	4.3	4.3	4.3	6.7	1.3	3.5	5.7	7.0	6.3	7.0	7.0	5.0	5.4
GO-FL3	5.7	6.7	8.0	6.0	4.7	2.0	5.7	5.0	3.0	5.3	4.0	5.0	4.0	6.7	2.7	2.3	4.7	6.7	5.7	6.3	5.7	5.0	5.0
ELISA	5.0	6.3	8.0	6.3	4.3	2.3	5.7	5.0	3.0	5.0	4.0	5.3	5.0	4.7	2.7	2.3	4.3	7.0	5.3	7.0	6.7	5.0	5.0
KY-31 E+	3.3	5.0	7.0	4.0	3.7	1.0	5.0	4.0	2.3	4.0	4.0	5.0	4.7	3.7	1.0	1.0	3.0	6.0	4.3	4.0	5.0	4.0	3.9
LSD VALUE	1.1	0.2	0.6	0.9	1.2	1.5	0.8	1.1	0.9	0.5	1.2	1.1	0.8	1.5	2.2	1.6	0.9	0.6	0.9	0.6	1.0	0.7	0.2
C.V. (%)	11.5	2.0	4.6	8.1	12.8	15.6	7.8	10.8	10.7	4.8	16.5	13.2	9.7	14.0	19.8	16.3	9.0	5.1	7.9	3.9	8.5	7.6	10.4

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 13.

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	OK1	VA1	MEAN	NAME	MI1	MI2	OK1	VA1	MEAN
CIS-TF-60	4.0	5.3	5.3	8.3	5.8	MRF 28	4.0	5.0	5.0	7.7	5.4
COYOTE	4.7	5.3	5.7	7.0	5.7	MRF 29	4.0	5.0	5.7	7.0	5.4
MAGELLAN (OD-4)	4.0	5.7	5.7	7.0	5.6	PST-5FZD	4.0	5.0	5.0	7.7	5.4
ATF 702	4.3	5.0	5.7	7.3	5.6	PST-5NAS	4.7	5.3	5.0	6.7	5.4
CIS-TF-67	4.3	5.0	5.7	7.3	5.6	T991	4.7	5.7	5.3	6.0	5.4
NA-TDD	4.0	5.0	5.3	8.0	5.6	B-7001	4.3	5.0	5.0	7.3	5.4
SR 8550 (SRX 8BE4)	4.0	5.3	5.3	7.7	5.6	CAS-ED	4.0	5.0	5.3	7.3	5.4
SRX 805	4.7	5.0	5.3	7.3	5.6	DP 50-9226	4.3	5.3	5.0	7.0	5.4
SOUTHERN CHOICE II	4.0	5.7	5.7	6.7	5.5	JT-13	4.3	5.3	4.7	7.3	5.4
01-RUTOR2	4.0	5.0	6.0	7.0	5.5	JT-9	4.0	5.3	5.0	7.3	5.4
ATF 586	4.3	5.0	5.0	7.7	5.5	JTTFF-2000	4.3	5.0	5.0	7.3	5.4
TAHOE (CAS-157)	4.3	5.0	5.0	7.7	5.5	KO1-E03	4.3	5.3	5.7	6.3	5.4
CAYENNE	4.0	5.3	6.0	6.7	5.5	MASTERPIECE	4.3	5.3	5.7	6.3	5.4
CIS-TF-65	4.0	5.0	5.7	7.3	5.5	MRF 210	4.0	5.0	5.3	7.3	5.4
FALCON IV (F-4)	4.0	5.0	5.7	7.3	5.5	MRF 27	4.0	5.0	5.3	7.3	5.4
JT-15	4.3	5.0	5.0	7.7	5.5	RAPTOR (CIS-TF-33)	4.0	5.0	5.3	7.3	5.4
MA 138	4.3	5.0	5.7	7.0	5.5	TOMAHAWK RT	4.3	5.0	5.3	7.0	5.4
MATADOR	4.3	5.3	5.3	7.0	5.5	BILTMORE	4.0	5.0	5.7	6.7	5.3
MRF 211	4.0	5.0	5.3	7.7	5.5	KO1-8007	4.0	5.0	4.7	7.7	5.3
PICASSO	4.0	5.0	5.7	7.3	5.5	RENDITION	4.0	5.0	4.7	7.7	5.3
PICK TF H-97	4.0	5.0	5.7	7.3	5.5	SOUTH PAW (MRF 24)	4.0	5.0	5.7	6.7	5.3
PST-5BZ	4.3	5.3	5.3	7.0	5.5	TAR HEEL II (PST-5TR1)	4.0	5.0	5.7	6.7	5.3
PST-5JM	4.3	5.0	5.7	7.0	5.5	TEMPEST	4.0	5.0	5.7	6.7	5.3
PST-DDL	4.0	5.3	5.0	7.7	5.5	ATF 799	4.0	5.0	5.3	7.0	5.3
PURE GOLD	4.3	5.0	5.0	7.7	5.5	CONSTITUTION (ATF-593)	4.3	5.0	5.3	6.7	5.3
UT-RB3	4.3	5.0	5.7	7.0	5.5	BARRERA	4.3	5.0	5.3	6.7	5.3
BAR FA 1005	4.3	5.0	5.3	7.3	5.5	BE1	4.0	5.0	6.0	6.3	5.3
CIS-TF-77	4.3	5.0	5.3	7.3	5.5	EA 163	4.0	5.3	5.0	7.0	5.3
PST-53T	4.0	5.3	5.3	7.3	5.5	GUARDIAN-21 (ROBERTS DOL)	4.0	5.0	5.3	7.0	5.3
QUEST	4.0	5.3	5.3	7.3	5.5	JT-12	4.0	5.0	5.0	7.3	5.3
ATF 806	4.3	5.0	5.7	6.7	5.4	KO1-E09	4.0	5.0	5.3	7.0	5.3
AVENGER (L1Z)	4.0	5.3	4.7	7.7	5.4	MA 158	4.0	5.0	5.3	7.0	5.3
BAR FA 1CR7	4.0	5.7	5.3	6.7	5.4	MILLENNIUM	4.3	5.3	5.3	6.3	5.3
BARRINGTON	4.0	5.7	5.3	6.7	5.4	MUSTANG 3	4.0	5.0	5.3	7.0	5.3
BINGO	4.0	5.0	5.7	7.0	5.4	GREMLIN (P-58)	4.3	5.0	5.3	6.7	5.3
BLACKWATCH (PICK-OD3-01)	4.3	5.3	5.3	6.7	5.4	PROSEEDS 5301	4.0	5.0	5.0	7.3	5.3
CIS-TF-64	4.0	5.7	5.3	6.7	5.4	PST-5BAB	4.0	5.3	5.0	7.0	5.3
DLF-J210	4.0	5.0	5.7	7.0	5.4	PST-5KI	4.3	5.0	5.0	7.0	5.3
FORTE (BE-2)	4.3	5.0	5.7	6.7	5.4	PST-5KU	4.0	5.0	5.3	7.0	5.3
JT-6	4.3	5.0	4.7	7.7	5.4	PST-5TU0	4.0	5.0	5.3	7.0	5.3
KALAHARI	4.0	5.3	5.7	6.7	5.4	REBEL EXEDA	4.0	5.0	5.3	7.0	5.3
FIVE POINT (MCN-RC)	4.0	5.0	6.0	6.7	5.4	SR 8600	4.0	5.3	5.3	6.7	5.3
MRF 25	4.0	5.0	6.0	6.7	5.4	TRACER	4.7	5.3	5.0	6.3	5.3
MRF 26	4.0	5.0	5.0	7.7	5.4	01-ORU1	4.0	5.0	5.7	6.3	5.3
						2ND MILLENNIUM	4.0	5.3	4.7	7.0	5.3

TABLE 13. (CONT'D)

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	OK1	VA1	MEAN	NAME	MI1	MI2	OK1	VA1	MEAN
BAR FA 1003	4.0	5.0	5.3	6.7	5.3	COVENANT (ATF 802)	4.0	5.0	4.3	7.0	5.1
BARLEXAS II	4.3	5.3	5.7	5.7	5.3	BARLEXAS	4.0	5.0	5.3	6.0	5.1
BRAVO	4.0	5.3	5.7	6.0	5.3	JAGUAR 3	4.0	5.0	6.0	5.3	5.1
CAS-MC1	4.0	5.0	5.3	6.7	5.3	LARAMIE	4.3	5.0	5.0	6.0	5.1
COCHISE III (018)	4.0	5.0	5.3	6.7	5.3	MA 127	4.0	5.0	5.0	6.3	5.1
DAYTONA (MRF 23)	4.0	5.0	5.3	6.7	5.3	OLYMPIC GOLD	4.0	5.0	5.3	6.0	5.1
DOMINION	4.0	5.7	6.0	5.3	5.3	PST-57E	4.0	5.0	5.0	6.3	5.1
FINESSE II	4.0	5.0	5.0	7.0	5.3	PST-5S12	4.3	5.0	5.7	5.3	5.1
KITTY HAWK 2000	4.0	5.0	5.3	6.7	5.3	REMBRANDT	4.0	5.3	5.7	5.3	5.1
PICK-00-AFA	4.0	5.0	5.3	6.7	5.3	SR 8250	4.0	5.0	5.0	6.3	5.1
PROSPECT	4.0	5.0	5.7	6.3	5.3	TF66	4.3	5.0	5.7	5.3	5.1
R-4	4.0	5.0	5.0	7.0	5.3	ATF-800	4.0	5.0	4.0	7.0	5.0
REBEL SENTRY	4.0	5.0	5.0	7.0	5.3	GO-SIU2	4.0	5.0	6.0	5.0	5.0
ROBERTS SM4	4.0	5.0	5.7	6.3	5.3	GRANDE II	4.0	5.0	5.0	6.0	5.0
SCORPION	4.0	5.0	6.0	6.0	5.3	LANCER	4.0	5.0	6.0	5.0	5.0
SILVERSTAR (PST-5ASR)	4.0	5.0	5.7	6.3	5.3	TITANIUM (SBM)	4.0	5.0	4.7	6.3	5.0
UT-155	4.0	5.0	5.0	7.0	5.3	SILVERADO II (PST-578)	4.0	5.0	5.0	6.0	5.0
INFERNO (JT-99)	4.0	5.3	4.3	7.3	5.3	STETSON	4.7	5.0	5.3	5.0	5.0
JUSTICE (RB2-01)	4.3	5.0	5.3	6.3	5.3	TITAN LTD.	4.0	5.0	5.0	6.0	5.0
DAVINCI (LTP-7801)	4.0	5.0	4.7	7.0	5.2	TULSA II (ATF 706)	4.0	5.0	5.7	5.3	5.0
FINELAWN ELITE (DLSD)	4.0	5.0	5.0	6.7	5.2	WOLFPACK	4.0	5.0	5.7	5.3	5.0
DYNASTY	4.0	5.3	4.7	6.7	5.2	01-TF0R3	4.0	5.0	5.0	5.7	4.9
FOCUS	4.0	5.0	5.7	6.0	5.2	ATF-803	4.0	5.0	5.0	5.7	4.9
JT-18	4.0	5.0	4.7	7.0	5.2	DP 50-9082	4.0	4.7	5.0	6.0	4.9
LEGITIMATE	4.0	5.0	5.7	6.0	5.2	ENDEAVOR	4.0	5.0	5.3	5.3	4.9
PADRE (NJ4)	4.0	4.7	5.7	6.3	5.2	PLANTATION	4.0	5.0	4.3	6.3	4.9
PST-5L0	4.0	5.0	5.0	6.7	5.2	BONSAI	4.0	5.0	4.7	5.7	4.8
WYATT	4.0	5.7	5.0	6.0	5.2	ELISA	4.3	5.0	6.0	4.0	4.8
ATF 707	4.0	5.0	5.3	6.3	5.2	GO-RD4	4.0	5.0	5.0	5.3	4.8
GO-0D2	4.3	5.0	6.0	5.3	5.2	WATCHDOG	4.0	5.0	5.0	5.3	4.8
K01-8015	4.0	5.0	4.3	7.3	5.2	GO-FL3	4.3	5.3	5.3	4.0	4.8
K01-WAF	4.0	5.3	5.3	6.0	5.2	TAR HEEL	4.0	5.0	4.7	5.3	4.8
PICK ZMG	4.0	5.3	5.0	6.3	5.2	KY-31 E+	4.0	5.0	5.7	4.0	4.7
PST-5T1	4.0	5.0	5.3	6.3	5.2	FALCON II	4.0	5.0	5.3	4.3	4.7
PST-5A1	4.0	5.0	4.7	6.7	5.1						
SIGNIA	4.0	5.0	4.7	6.7	5.1	LSL VALUE	0.5	0.5	1.0	1.0	0.4
ATF 704	4.0	5.0	5.0	6.3	5.1	C.V. (%)	7.3	6.0	12.1	9.4	9.4

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 14.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	TX3	WA3	WI1	MEAN
K01-8015	6.7	5.7	7.3	6.7	5.3	6.0	7.0	5.7	6.3	6.3	8.3	6.7	8.0	6.7	4.7	5.0	6.3	6.4
INFERNO (JT-99)	7.3	6.3	5.7	6.3	6.3	6.0	7.0	5.3	6.0	5.7	7.3	7.7	8.7	7.0	5.0	4.7	6.0	6.4
R-4	7.0	6.7	7.0	6.0	5.7	5.7	6.3	5.0	6.0	5.7	7.7	6.7	8.3	7.0	5.0	4.3	6.7	6.3
K01-8007	7.0	6.3	7.0	5.0	6.0	6.0	6.3	5.0	7.0	6.0	6.7	6.7	7.7	7.3	4.3	4.3	7.0	6.2
K01-E03	7.0	6.0	6.0	5.7	6.3	5.3	6.0	5.0	6.7	5.7	8.0	6.7	7.7	7.0	5.0	5.0	6.3	6.2
CIS-TF-67	7.0	6.3	6.7	6.0	6.3	5.7	6.7	4.3	6.3	5.7	6.7	6.0	9.0	6.7	5.0	4.0	6.3	6.2
AVENGER (L1Z)	7.0	6.3	5.0	6.0	6.3	5.7	7.0	5.3	6.3	5.7	6.7	7.0	8.3	6.7	4.3	4.7	6.3	6.2
FALCON IV (F-4)	7.3	5.7	6.7	5.3	6.0	5.0	6.0	5.0	6.3	5.7	7.0	6.3	8.7	6.7	4.7	5.3	6.0	6.1
PST-57E	7.0	6.3	6.3	6.0	6.0	6.0	6.3	4.7	6.3	5.7	6.0	6.3	7.3	6.3	6.0	4.7	6.3	6.1
DAVINCI (LTP-7801)	7.0	5.3	4.0	6.7	6.0	5.7	6.3	6.3	6.3	6.0	6.7	5.7	8.3	7.0	5.7	4.0	6.3	6.1
JUSTICE (RB2-01)	7.3	6.0	4.7	5.7	5.7	6.0	6.3	5.3	6.0	5.7	7.0	7.0	8.3	6.7	5.3	4.3	6.0	6.1
01-RUTOR2	7.0	6.3	5.7	6.3	6.0	5.0	6.7	4.7	6.0	5.7	7.0	6.7	8.0	6.7	5.0	4.0	6.0	6.0
BLACKWATCH (PICK-OD3-01)	6.7	5.7	5.0	6.0	5.7	6.3	6.3	5.7	6.0	5.0	6.7	6.7	8.3	7.0	6.0	3.7	6.0	6.0
K01-WAF	6.3	6.3	5.0	6.0	5.7	5.7	6.3	5.3	6.0	6.3	7.0	6.3	7.3	6.3	5.0	4.7	6.7	6.0
QUEST	7.0	6.0	5.0	6.0	6.0	5.3	6.3	5.3	6.0	6.0	6.0	5.7	8.0	7.0	5.0	4.7	6.3	6.0
TITANIUM (SBM)	6.7	6.0	6.7	5.7	5.7	5.7	6.0	5.3	6.0	5.7	6.3	5.3	8.0	6.7	5.7	4.3	6.0	6.0
RAPTOR (CIS-TF-33)	7.0	5.7	5.7	5.3	5.3	5.7	6.7	4.3	6.7	5.7	6.3	6.0	8.3	6.7	6.0	4.0	6.3	6.0
01-ORU1	7.3	6.3	5.0	5.7	6.7	5.7	6.0	5.7	6.0	5.3	6.7	6.3	7.7	6.7	5.0	3.7	5.7	6.0
JT-12	7.0	5.3	6.7	5.7	6.7	5.7	6.0	4.7	6.7	5.7	6.3	5.3	7.7	6.7	5.0	4.3	6.0	6.0
JT-6	7.0	6.3	6.7	5.7	5.3	5.3	6.7	5.3	6.3	5.7	5.7	4.3	8.0	7.0	5.3	5.0	5.7	6.0
K01-E09	7.3	6.0	4.0	5.7	6.3	5.3	6.3	4.7	6.7	5.7	7.0	5.7	8.3	7.0	4.7	4.7	6.0	6.0
FORTE (BE-2)	7.0	5.3	5.7	6.0	5.3	5.3	6.3	5.3	6.0	6.3	6.7	6.0	7.7	7.0	5.0	4.0	6.0	5.9
KALAHARI	7.0	5.3	6.0	5.3	5.3	5.7	6.3	5.0	6.3	5.7	7.0	6.0	7.7	7.0	5.0	4.3	6.0	5.9
JT-9	6.7	5.7	5.7	6.0	6.3	6.0	6.3	5.3	6.0	5.7	5.0	5.7	7.3	7.3	5.3	4.3	6.3	5.9
ATF 806	7.0	5.7	4.3	6.0	6.3	6.0	6.7	4.7	6.0	6.3	5.7	5.7	7.3	7.0	4.7	4.7	6.7	5.9
BINGO	7.0	6.0	5.0	5.7	5.3	5.3	6.7	4.7	6.3	5.7	6.3	6.3	8.0	7.0	4.7	4.7	6.0	5.9
GRANDE II	7.3	6.0	6.3	5.3	6.3	5.7	6.0	5.3	6.0	5.7	5.7	5.7	7.7	6.3	5.7	4.0	5.7	5.9
JT-15	7.3	6.3	5.0	5.7	5.7	5.3	6.3	4.7	6.0	6.7	6.7	4.7	8.3	7.0	4.7	4.3	6.0	5.9
BE1	7.0	6.0	4.0	6.0	6.3	5.7	6.0	4.7	6.0	6.0	6.0	6.7	7.3	6.7	6.3	4.3	5.7	5.9
REMBRANDT	6.3	6.3	6.7	5.3	5.3	5.7	6.0	5.3	6.0	5.3	6.3	6.3	8.3	6.0	5.7	4.0	5.3	5.9
CIS-TF-64	6.7	5.7	5.7	5.0	5.7	5.0	6.7	5.0	6.7	6.0	6.0	5.3	8.7	6.7	4.3	4.7	6.3	5.9
RENDITION	7.0	5.0	6.0	6.0	5.7	5.7	6.0	5.0	6.0	6.7	5.0	6.0	8.0	6.7	5.0	4.3	6.0	5.9
CIS-TF-60	7.0	6.0	4.7	5.0	6.0	5.7	6.0	6.0	6.7	6.3	6.3	3.3	8.3	7.0	5.0	4.3	6.3	5.9
2ND MILLENNIUM	6.3	6.3	4.7	5.7	6.0	5.7	6.0	5.7	6.0	5.3	7.7	4.7	7.7	6.7	5.0	4.3	6.0	5.9
PST-5FZD	6.7	5.7	5.7	5.3	5.7	5.3	6.0	5.3	6.0	6.3	5.7	5.7	8.0	7.0	5.0	4.3	6.0	5.9
BARLEXAS II	7.0	6.0	6.7	6.0	6.3	5.3	6.0	5.0	6.0	5.7	5.7	5.3	7.3	6.3	4.3	4.7	6.0	5.9
BARRINGTON	6.7	6.0	6.0	5.3	6.7	5.3	6.0	4.7	6.3	5.7	5.0	5.0	8.3	6.7	5.0	4.3	6.7	5.9
FINELAWN ELITE (DLS)	6.7	5.7	7.3	5.3	5.7	5.3	6.0	5.7	6.0	5.3	6.7	5.3	8.3	6.3	4.3	3.7	6.0	5.9
MATADOR	6.3	5.7	6.3	5.0	6.0	5.0	6.3	5.3	6.0	6.7	6.3	6.0	7.3	6.3	4.3	4.7	6.0	5.9
REBEL EXEDA	7.0	5.7	5.3	6.0	5.3	4.7	6.3	4.7	6.0	5.7	6.3	6.7	8.0	6.3	5.3	4.0	6.3	5.9
PST-53T	6.7	6.3	5.0	5.3	5.7	5.3	6.0	5.3	6.0	6.3	6.3	4.3	8.0	7.0	5.3	4.3	6.0	5.8
PST-DDL	7.0	6.0	5.0	5.3	5.3	5.3	6.0	5.0	6.0	5.7	6.0	6.7	7.3	7.0	4.7	4.3	6.0	5.8
PICK TF H-97	7.3	5.3	5.3	5.3	6.3	5.3	6.0	5.3	6.0	6.0	5.3	5.3	8.3	6.3	5.3	4.3	6.0	5.8
BARRERA	7.0	5.0	6.3	5.3	5.7	5.3	6.0	5.0	6.0	6.0	5.3	5.3	7.7	6.7	5.3	4.7	6.3	5.8

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	TX3	WA3	WI1	MEAN
MRF 211	7.0	6.0	5.3	5.3	5.3	6.0	6.0	5.0	6.0	6.0	5.3	5.0	7.0	7.0	6.3	4.3	6.0	5.8
CONSTITUTION (ATF-593)	7.3	5.7	4.3	5.7	5.3	5.3	6.0	5.3	6.0	5.7	6.0	5.0	8.0	7.0	5.3	5.0	6.0	5.8
GUARDIAN-21 (ROBERTS DOL)	6.7	6.0	5.0	6.3	5.7	5.7	6.3	4.7	6.0	5.0	5.7	5.7	8.0	6.7	4.7	4.3	6.3	5.8
PADRE (NJ4)	6.7	6.0	5.7	5.7	5.3	5.7	7.0	4.3	6.0	5.3	6.3	5.7	8.0	6.0	5.0	4.3	5.7	5.8
PROSEEDS 5301	6.3	6.3	6.7	5.3	6.0	5.0	7.0	5.3	6.0	5.0	5.0	5.3	8.0	6.3	5.7	4.0	5.3	5.8
BAR FA 1CR7	7.3	5.7	4.3	5.0	6.0	5.7	6.3	5.3	6.0	6.3	4.7	6.0	7.0	7.0	6.0	4.0	5.7	5.8
MILLENNIUM	6.7	5.3	6.0	5.3	6.0	5.7	6.0	5.0	6.0	5.3	6.3	5.3	8.0	6.7	5.7	3.7	5.3	5.8
COCHISE III (018)	7.3	5.0	4.7	5.0	5.7	5.7	6.0	5.3	6.0	5.0	6.0	6.3	8.0	7.0	5.0	4.0	6.3	5.8
MASTERPIECE	7.0	5.7	6.0	5.7	5.7	5.3	5.3	5.3	6.0	5.0	6.0	6.0	8.3	6.3	5.3	3.7	5.7	5.8
FIVE POINT (MCN-RC)	6.7	5.7	5.3	5.7	5.7	5.3	6.0	5.0	6.0	5.0	6.3	5.7	7.7	6.7	5.3	4.7	5.3	5.8
PICASSO	7.0	5.7	4.3	5.3	5.3	5.3	6.3	5.3	6.0	5.3	5.7	4.7	8.0	6.7	6.7	4.3	6.0	5.8
PST-5NAS	7.0	5.7	5.7	6.0	6.0	5.7	6.0	5.0	6.0	5.3	6.0	4.3	8.0	6.7	5.0	3.7	6.0	5.8
PST-5KI	7.0	5.7	4.7	5.3	5.3	6.0	6.3	5.3	6.0	5.7	6.0	5.3	7.3	7.0	5.3	3.7	6.0	5.8
ELISA	6.0	5.0	6.7	5.0	6.3	5.3	5.0	5.3	6.0	5.3	5.7	5.7	7.7	6.7	5.3	5.0	5.7	5.7
ATF 702	7.0	6.3	5.3	5.7	5.7	5.7	6.3	4.3	6.3	5.7	5.3	5.0	8.0	6.7	4.3	4.0	6.0	5.7
PICK-00-AFA	7.0	5.0	4.0	5.7	5.7	5.3	6.7	5.7	6.0	6.0	5.0	5.7	8.7	6.3	5.3	4.0	5.7	5.7
SCORPION	7.0	6.0	4.3	6.0	5.7	6.0	6.0	4.7	6.0	5.3	5.7	5.0	8.0	6.7	4.7	4.7	6.0	5.7
CAYENNE	6.0	5.3	5.3	5.3	5.7	5.3	6.3	5.3	6.0	5.0	6.7	5.3	8.7	6.7	5.0	4.0	5.3	5.7
DYNASTY	6.3	4.7	5.3	5.0	6.0	5.0	6.3	5.3	6.0	6.0	6.3	6.0	8.0	6.0	5.3	3.7	6.0	5.7
JT-18	7.0	6.0	4.3	5.7	5.3	5.7	6.0	5.0	6.3	5.7	5.3	4.7	7.7	6.7	5.0	4.3	6.7	5.7
MRF 27	7.3	5.7	4.7	5.7	6.0	5.7	6.7	5.0	6.0	5.7	5.0	4.3	7.7	6.7	5.3	4.3	5.7	5.7
TRACER	6.7	4.7	4.7	5.7	5.0	5.3	6.0	5.3	6.0	5.7	5.7	5.7	7.7	7.0	5.0	5.0	6.3	5.7
GREMLIN (P-58)	6.3	6.3	5.3	5.7	5.3	5.0	5.7	4.7	6.0	5.3	5.0	5.7	8.3	6.3	5.3	4.3	6.7	5.7
JT-13	7.3	6.0	5.0	5.3	5.7	5.7	6.3	4.3	6.3	6.0	5.3	4.7	7.0	7.0	4.7	4.3	6.0	5.7
ATF-800	7.0	5.3	4.3	5.0	6.7	5.7	6.3	4.7	6.0	6.0	5.0	4.7	8.3	6.3	5.0	5.0	5.7	5.7
SR 8550 (SRX 8BE4)	7.3	5.0	4.3	5.3	5.3	5.7	6.0	5.7	6.7	5.0	5.3	5.7	7.7	7.0	5.0	4.0	6.0	5.7
CIS-TF-77	6.7	6.0	5.3	5.7	5.3	5.0	6.0	4.7	6.0	4.7	6.7	5.7	8.0	6.0	5.3	4.0	6.0	5.7
BARLEXAS	7.0	5.3	5.7	5.7	6.0	5.7	5.7	5.0	5.7	5.7	4.7	4.0	7.7	6.7	6.0	4.3	6.0	5.7
FINESSE II	7.0	5.3	3.7	6.0	5.7	5.3	6.3	4.7	6.3	6.0	6.7	5.0	7.3	7.0	4.3	4.0	6.0	5.7
SR 8600	7.0	6.0	4.0	5.3	6.0	5.0	6.0	5.7	6.0	4.7	5.3	6.3	8.0	6.0	5.3	4.0	6.0	5.7
CIS-TF-65	7.0	5.3	6.7	5.0	5.7	5.0	6.0	4.3	6.0	6.0	5.7	3.7	8.0	6.3	5.0	4.7	6.0	5.7
PST-5T1	6.7	5.7	4.7	5.3	5.3	5.3	6.0	4.7	6.0	5.3	6.0	6.0	7.7	6.3	6.3	3.0	6.0	5.7
ATF 799	6.7	6.0	5.3	5.3	5.7	5.0	6.0	4.3	6.0	5.7	4.7	6.3	8.0	6.7	4.3	4.0	6.0	5.6
SILVERADO II (PST-578)	7.0	6.0	4.3	5.0	5.7	5.3	6.0	5.3	6.0	5.0	5.7	5.7	7.3	6.7	5.7	4.0	5.3	5.6
ROBERTS SM4	6.7	6.0	6.0	5.3	5.0	5.3	6.0	4.7	6.0	5.7	4.7	5.7	8.0	6.3	5.0	4.3	5.3	5.6
BAR FA 1005	6.3	5.3	4.7	5.7	5.3	5.0	6.3	5.3	6.0	4.7	6.3	4.0	8.3	6.3	6.7	3.7	5.7	5.6
SILVERSTAR (PST-5ASR)	6.7	6.0	4.7	4.7	5.3	5.7	6.0	5.0	6.0	5.0	6.0	5.0	8.0	6.3	5.3	4.3	5.7	5.6
ATF-803	6.3	5.7	4.3	5.0	6.7	5.3	6.3	4.7	6.0	5.7	5.0	4.3	7.7	6.7	5.7	4.3	5.7	5.6
COVENANT (ATF 802)	7.3	5.7	4.0	5.7	5.3	5.3	6.0	4.7	6.0	5.3	5.0	5.7	7.3	6.0	5.7	4.3	6.0	5.6
MUSTANG 3	6.7	5.3	6.0	5.3	5.0	5.3	6.3	5.0	6.0	5.7	5.7	4.0	8.0	6.3	5.0	3.7	6.0	5.6
PST-5JM	6.3	5.7	5.0	5.3	5.7	5.3	6.0	4.7	6.3	5.0	5.7	4.7	7.7	6.3	5.3	4.3	6.0	5.6
SR 8250	7.0	5.7	3.0	5.3	5.3	5.3	5.7	5.0	6.0	5.7	4.7	6.3	7.7	6.7	5.7	4.3	6.0	5.6
WATCHDOG	6.7	5.0	3.7	5.0	5.7	6.0	6.0	5.0	6.0	6.0	6.0	5.0	7.7	6.0	6.3	3.3	6.0	5.6
NA-TDD	7.0	5.3	3.3	5.3	6.0	5.3	6.3	4.3	6.0	6.7	5.7	4.0	7.0	7.0	4.3	5.0	6.3	5.6
WYATT	7.3	5.7	3.7	5.7	5.7	5.3	5.3	5.7	6.0	5.7	4.3	5.0	7.3	6.3	5.3	4.7	6.0	5.6

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	TX3	WA3	WI1	MEAN
REBEL SENTRY	6.0	6.0	3.3	5.7	5.7	5.7	6.0	4.3	6.0	5.7	4.7	5.3	8.3	6.7	5.3	4.3	6.0	5.6
LARAMIE	6.7	5.7	3.3	5.3	5.7	6.0	6.0	5.0	6.3	6.3	3.3	4.7	8.3	7.0	4.7	4.3	6.0	5.6
PST-5BZ	6.3	5.7	3.7	5.3	5.3	5.0	6.0	5.3	6.0	5.7	5.7	5.0	7.7	7.0	5.0	4.0	6.0	5.6
MRF 25	6.7	5.7	5.0	5.0	6.0	6.0	5.7	5.0	6.0	5.0	4.7	3.7	8.0	6.7	5.3	4.3	6.0	5.6
MRF 29	7.0	5.3	4.0	5.3	5.7	5.3	6.0	5.3	6.0	5.7	4.7	5.3	7.7	6.3	4.3	4.7	6.0	5.6
PST-5A1	6.7	5.3	3.3	5.3	6.3	5.3	6.0	5.3	6.0	5.7	6.0	4.7	7.3	7.0	5.0	3.3	6.0	5.6
UT-155	6.7	5.7	4.3	5.0	5.0	5.3	6.0	4.7	6.0	5.3	5.0	5.7	8.0	6.3	5.7	3.7	6.0	5.5
UT-RB3	6.7	5.7	4.7	5.0	5.3	5.3	5.7	5.3	6.0	5.3	5.7	5.3	7.7	6.7	5.0	3.7	5.3	5.5
ATF 586	7.3	5.3	4.7	5.7	5.0	4.7	6.0	4.7	6.3	5.0	5.3	5.3	7.0	6.3	6.0	4.0	5.7	5.5
BILTMORE	6.3	5.3	5.3	5.0	5.7	5.3	6.3	4.3	6.0	5.3	5.7	6.0	7.3	6.3	4.7	4.0	5.3	5.5
PURE GOLD	6.7	5.7	3.7	5.0	6.0	5.3	6.0	5.3	6.0	5.3	5.0	5.3	7.7	6.7	4.7	4.0	5.7	5.5
PST-5KU	7.0	5.3	3.0	5.0	5.7	5.3	5.7	4.7	6.0	5.3	6.0	5.0	7.7	6.3	5.7	4.3	6.0	5.5
TITAN LTD.	7.0	6.0	3.3	5.3	5.3	6.0	6.0	4.7	6.0	6.0	4.0	5.3	7.3	6.7	4.7	4.3	6.0	5.5
JAGUAR 3	6.7	5.7	4.7	6.0	5.3	5.0	6.0	4.7	6.0	5.0	5.3	3.7	8.3	6.3	6.3	3.7	5.3	5.5
SRX 805	6.7	6.0	3.7	5.3	5.0	5.7	6.0	5.0	6.0	5.7	4.3	5.0	7.7	7.0	5.0	3.7	6.0	5.5
ATF 704	6.7	5.7	5.0	5.3	5.3	5.3	5.3	4.3	6.0	5.7	3.3	5.0	8.0	6.7	5.3	4.7	6.0	5.5
MA 158	6.0	5.7	3.7	5.0	6.0	4.7	6.0	5.0	6.0	5.0	4.0	6.3	8.3	6.3	6.3	3.7	5.7	5.5
EA 163	7.0	6.0	3.7	4.3	5.3	5.7	5.7	5.7	6.0	5.7	4.7	5.0	8.3	6.0	5.3	4.0	5.3	5.5
TAHOE (CAS-157)	6.0	5.7	4.3	5.0	5.7	5.3	5.7	5.0	6.0	5.3	5.3	5.0	9.0	6.3	4.7	3.7	5.3	5.5
MAGELLAN (OD-4)	6.3	5.7	4.3	5.7	5.3	5.0	6.3	4.7	6.0	5.0	6.0	4.7	7.7	6.3	4.7	3.7	6.0	5.5
PST-5TU0	7.0	6.0	4.3	5.0	5.7	5.0	5.7	5.0	6.0	5.3	5.0	4.3	7.7	6.7	5.3	3.7	5.7	5.5
T991	6.3	5.7	3.7	5.3	4.7	5.3	6.0	5.7	6.0	5.7	5.3	5.0	7.0	6.7	4.7	4.7	5.7	5.5
ATF 707	6.0	5.7	5.3	5.0	5.7	5.0	6.0	4.7	6.0	6.3	4.3	3.7	7.3	6.0	6.0	4.3	6.0	5.5
JTTF-2000	6.7	4.3	4.3	5.0	6.0	5.7	6.0	5.0	6.3	5.7	4.7	4.7	6.7	7.0	4.7	4.3	6.3	5.5
PST-5L0	7.0	5.3	4.0	5.3	5.3	5.0	5.7	5.3	6.0	5.0	5.0	4.7	8.0	6.7	5.7	3.3	6.0	5.5
PST-5S12	6.7	5.7	5.3	5.0	5.0	5.0	6.0	5.0	6.0	5.3	4.7	5.3	8.0	6.0	5.7	3.3	5.3	5.5
SOUTHERN CHOICE II	6.3	5.7	5.3	5.3	6.0	5.3	4.7	5.7	6.0	6.0	3.7	4.0	8.0	6.3	5.7	4.0	5.3	5.5
DP 50-9226	7.0	5.7	3.3	5.0	5.7	5.0	5.7	5.3	6.0	5.3	5.0	5.7	7.0	6.3	5.7	4.0	5.3	5.5
GO-OD2	6.3	6.3	4.0	5.0	5.0	4.7	6.0	5.0	6.0	5.0	5.3	5.3	8.3	6.0	5.7	3.7	5.3	5.5
PICK ZMG	6.7	6.0	5.3	5.3	5.0	5.3	5.7	5.3	5.7	5.3	5.0	4.0	7.7	6.0	5.7	3.7	5.3	5.5
TAR HEEL II (PST-5TR1)	6.0	5.7	4.3	5.3	5.0	5.0	6.0	5.0	6.0	5.0	6.0	6.0	7.3	6.0	5.7	3.7	5.0	5.5
TF66	6.7	5.3	3.7	5.3	5.7	5.7	5.7	5.3	6.0	5.0	5.0	4.7	8.0	6.0	5.3	3.7	6.0	5.5
B-7001	6.3	6.0	5.0	5.3	5.0	5.0	6.0	5.3	5.7	5.3	4.3	5.7	7.7	6.7	4.3	3.7	5.3	5.5
MA 127	6.3	5.7	4.7	5.0	5.3	5.3	5.3	5.0	6.0	5.3	5.7	3.7	8.0	6.3	5.3	4.0	5.7	5.5
PLANTATION	7.0	5.0	3.7	5.3	5.3	6.0	5.7	5.0	6.0	5.7	4.7	4.3	7.7	6.7	5.7	3.7	5.3	5.5
TAR HEEL	6.3	6.0	5.0	5.3	5.0	5.7	5.7	5.3	6.0	5.3	4.7	4.0	7.3	6.0	5.7	3.7	5.7	5.5
KITTY HAWK 2000	6.7	5.7	4.7	5.0	5.3	5.0	6.0	4.7	6.0	5.3	5.0	5.0	7.0	6.3	5.0	4.0	6.0	5.5
MRF 28	7.0	5.3	2.7	5.0	5.3	5.3	6.0	5.0	6.0	5.7	4.7	5.0	7.7	7.0	5.7	4.0	5.3	5.5
PROSPECT	6.7	6.0	4.7	5.0	6.0	5.0	5.3	5.0	6.0	5.0	5.0	4.3	7.3	6.3	5.3	4.3	5.3	5.5
ENDEAVOR	7.3	6.0	5.0	4.7	5.3	5.3	6.0	5.0	6.0	4.7	4.3	4.0	7.7	6.0	5.7	4.0	5.3	5.4
FOCUS	7.0	5.3	5.0	5.3	5.7	5.0	6.0	5.0	6.0	5.0	5.0	4.0	7.3	6.3	5.0	3.7	5.7	5.4
MRF 26	6.7	5.7	3.0	5.0	6.0	5.3	5.7	5.0	6.3	5.3	4.3	4.7	8.0	6.3	5.3	4.0	5.7	5.4
DLF-J210	6.3	6.0	3.7	5.0	5.0	5.3	5.7	5.3	6.0	5.7	4.0	4.3	7.0	6.7	6.0	4.0	6.0	5.4
CAS-MC1	6.3	5.7	3.3	5.0	5.7	5.0	5.7	4.7	6.0	5.0	5.7	5.3	7.7	6.3	5.3	3.7	5.7	5.4
LANCER	7.0	5.3	4.0	5.3	5.3	6.0	5.3	5.0	6.0	4.7	4.3	5.3	6.7	6.0	5.3	5.0	5.3	5.4

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	IA1	IL1	IL2	IN1	KS2	MA1	MD1	MI2	MO1	NC1	NJ1	NJ2	PA1	TX1	TX3	WA3	WI1	MEAN
PST-5BAB	6.0	5.7	4.3	5.0	6.0	5.0	6.0	5.3	6.0	4.7	4.7	4.7	8.0	6.3	5.0	3.7	5.7	5.4
BRAVO	6.7	4.7	4.3	5.0	5.7	5.7	5.7	5.3	6.0	5.7	4.3	4.0	7.3	6.0	5.3	4.3	6.0	5.4
WOLFPACK	7.0	5.3	3.0	5.3	5.3	5.3	6.3	5.0	6.0	5.0	4.0	5.7	8.0	6.0	5.3	3.3	5.7	5.4
CAS-ED	5.7	5.7	4.3	5.3	5.3	5.3	5.0	4.7	6.0	5.3	5.0	5.3	7.3	6.3	6.0	3.7	5.0	5.4
OLYMPIC GOLD	7.0	5.7	4.0	5.0	5.3	5.0	5.7	5.3	6.0	4.7	4.7	5.3	7.3	6.0	5.0	4.0	5.3	5.4
TEMPEST	6.7	6.0	4.0	5.0	5.7	5.3	5.7	5.0	6.0	5.7	3.7	3.0	7.0	6.3	6.3	4.7	5.3	5.4
SIGNIA	6.7	5.3	4.0	5.3	5.3	5.0	5.3	4.3	5.7	5.7	5.0	4.0	8.7	6.0	5.3	3.7	5.7	5.4
DP 50-9082	7.0	5.7	2.7	5.0	6.3	5.3	5.3	5.0	6.3	5.3	4.3	4.0	7.3	6.3	5.7	3.7	5.3	5.3
BAR FA 1003	6.7	6.0	4.0	5.0	5.0	5.3	5.3	5.0	6.0	4.7	5.0	4.0	8.3	6.0	5.3	4.0	5.0	5.3
MA 138	6.0	5.0	3.7	5.0	5.7	5.0	5.3	4.7	6.0	6.0	4.7	4.0	7.7	6.3	6.0	4.0	5.7	5.3
TOMAHAWK RT	7.3	5.7	3.3	4.3	5.3	5.3	5.7	5.0	6.0	5.7	4.0	4.3	7.7	6.3	5.3	3.7	5.7	5.3
COYOTE	7.0	5.7	2.3	5.0	5.7	5.0	5.3	4.7	6.0	5.7	4.0	5.0	8.0	6.7	5.0	4.0	5.3	5.3
TULSA II (ATF 706)	6.0	5.3	4.3	4.7	5.3	5.3	6.0	5.0	5.3	5.3	4.3	4.7	7.3	6.0	5.3	3.7	6.0	5.3
BONSAI	6.7	5.0	3.7	5.3	5.3	5.0	6.0	4.3	6.0	5.3	4.0	3.7	7.7	6.7	4.7	4.7	5.7	5.3
MRF 210	6.3	5.7	2.7	5.0	5.7	5.7	5.7	5.3	6.0	5.0	4.3	3.7	7.3	6.7	5.3	3.7	5.7	5.3
FALCON II	6.0	5.7	5.0	5.0	5.3	5.7	4.7	5.0	6.0	5.0	3.7	3.3	8.0	6.3	6.0	3.7	5.3	5.3
LEGITIMATE	6.3	5.0	4.0	5.0	5.0	5.0	5.0	5.0	6.0	5.0	4.0	4.7	8.0	6.7	5.7	3.7	5.3	5.3
01-TFOR3	6.7	5.3	4.3	5.0	5.0	5.3	5.7	4.7	6.0	4.7	4.7	4.3	7.0	6.0	5.3	4.0	5.3	5.3
STETSON	6.3	5.7	3.0	5.0	5.3	5.0	5.0	5.0	6.0	6.0	4.0	4.3	6.7	6.0	6.3	4.0	5.3	5.2
GO-SIU2	6.7	5.7	3.3	5.3	5.7	4.7	5.7	5.0	5.7	4.7	4.0	4.7	7.0	6.0	5.3	3.7	5.7	5.2
GO-FL3	6.7	5.3	4.0	4.7	5.0	5.0	5.3	5.0	6.0	5.0	3.7	4.3	6.7	6.0	5.0	4.7	5.7	5.2
DOMINION	6.7	5.7	3.7	5.0	5.0	5.0	5.3	5.0	5.7	5.0	4.3	3.7	7.3	6.3	5.7	3.7	5.0	5.2
GO-RD4	6.7	4.7	3.3	5.0	5.3	5.0	6.0	5.0	6.0	4.7	3.7	3.7	7.3	6.3	5.7	3.7	5.3	5.1
DAYTONA (MRF 23)	5.7	5.3	2.3	5.0	5.3	5.3	6.0	4.7	6.0	5.3	3.3	3.7	7.3	6.0	5.7	4.0	5.3	5.1
SOUTH PAW (MRF 24)	6.0	4.7	3.3	5.0	5.0	5.3	5.3	5.0	6.0	5.0	3.0	4.3	7.0	6.0	5.7	3.0	5.3	5.0
KY-31 E+	4.7	3.3	2.3	3.3	4.0	4.3	3.0	5.0	4.3	4.0	1.0	1.0	6.0	6.0	7.3	3.0	4.0	3.9
LSD VALUE	0.8	1.3	2.7	0.9	1.1	0.9	0.7	1.1	0.5	1.0	1.4	1.8	1.3	0.7	1.3	1.0	0.7	0.3
C.V. (%)	7.6	13.8	35.8	9.9	12.3	10.8	7.4	13.8	4.7	11.6	16.1	22.0	10.7	6.9	15.6	14.4	7.8	13.7

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

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

TABLE 15.

WEAR TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	MI2	NAME	MI2
R-4	6.3	MA 138	4.3
SILVERADO II (PST-578)	6.0	FIVE POINT (MCN-RC)	4.3
01-TFOR3	5.7	MRF 29	4.3
K01-WAF	5.7	MUSTANG 3	4.3
WOLFPACK	5.7	PADRE (NJ4)	4.3
BARRINGTON	5.3	PICK-00-AFA	4.3
ATF 704	5.0	SILVERSTAR (PST-5ASR)	4.3
BARLEXAS	5.0	TF66	4.3
COCHISE III (018)	5.0	TOMAHAWK RT	4.3
GUARDIAN-21 (ROBERTS D0L)	5.0	ATF-803	4.0
INFERNO (JT-99)	5.0	BAR FA 1005	4.0
JUSTICE (RB2-01)	5.0	BRAVO	4.0
PST-5NAS	5.0	CAS-MC1	4.0
REBEL EXEDA	5.0	DLF-J210	4.0
T991	5.0	ENDEAVOR	4.0
01-ORU1	4.7	FALCON II	4.0
ATF 702	4.7	JT-12	4.0
AVENGER (L1Z)	4.7	JT-15	4.0
B-7001	4.7	K01-8015	4.0
BAR FA 1003	4.7	MA 127	4.0
BARLEXAS II	4.7	MAGELLAN (OD-4)	4.0
BLACKWATCH (PICK-0D3-01)	4.7	MASTERPIECE	4.0
TAHOE (CAS-157)	4.7	MRF 210	4.0
CAYENNE	4.7	MRF 25	4.0
CIS-TF-65	4.7	OLYMPIC GOLD	4.0
MRF 27	4.7	PST-53T	4.0
PLANTATION	4.7	PST-5A1	4.0
PROSEEDS 5301	4.7	PST-5JM	4.0
PROSPECT	4.7	PST-5S12	4.0
PST-5FZD	4.7	PST-5T1	4.0
SOUTH PAW (MRF 24)	4.7	PURE GOLD	4.0
TAR HEEL	4.7	RAPTOR (CIS-TF-33)	4.0
TAR HEEL II (PST-5TR1)	4.7	REMBRANDT	4.0
2ND MILLENNIUM	4.3	RENDITION	4.0
BE1	4.3	SCORPION	4.0
DAVINCI (LTP-7801)	4.3	SR 8600	4.0
FINELAWN ELITE (DLSD)	4.3	STETSON	4.0
EA 163	4.3	TULSA II (ATF 706)	4.0
FORTE (BE-2)	4.3	UT-155	4.0
GO-OD2	4.3	WATCHDOG	4.0
GO-RD4	4.3	01-RUTOR2	3.7
JAGUAR 3	4.3	COVENANT (ATF 802)	3.7
JT-9	4.3	CONSTITUTION (ATF-593)	3.7
KY-31 E+	4.3	BINGO	3.7
		ELISA	3.7

TABLE 15. (CONT'D) WEAR TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	MI2	NAME	MI2
FALCON IV (F-4)	3.7	MRF 211	3.3
FOCUS	3.7	MRF 26	3.3
JT-18	3.7	MRF 28	3.3
K01-E03	3.7	PST-5BAB	3.3
K01-E09	3.7	PST-5KI	3.3
LANCER	3.7	PST-5KU	3.3
NA-TDD	3.7	PST-5LO	3.3
PICK ZMG	3.7	ROBERTS SM4	3.3
PST-57E	3.7	TEMPEST	3.3
PST-5BZ	3.7	WYATT	3.3
QUEST	3.7	ATF 707	3.0
REBEL SENTRY	3.7	ATF 799	3.0
TITANIUM (SBM)	3.7	CIS-TF-64	3.0
SIGNIA	3.7	CIS-TF-67	3.0
SOUTHERN CHOICE II	3.7	CIS-TF-77	3.0
SR 8250	3.7	DAYTONA (MRF 23)	3.0
SR 8550 (SRX 8BE4)	3.7	DP 50-9226	3.0
TITAN LTD.	3.7	GO-SIU2	3.0
TRACER	3.7	MA 158	3.0
ATF 586	3.3	MILLENNIUM	3.0
ATF-800	3.3	PICASSO	3.0
BAR FA 1CR7	3.3	PICK TF H-97	3.0
BARRERA	3.3	PST-5TU0	3.0
CIS-TF-60	3.3	SRX 805	3.0
COYOTE	3.3	UT-RB3	3.0
DOMINION	3.3	BILTMORE	2.7
DP 50-9082	3.3	DYNASTY	2.7
FINESSE II	3.3	KITTY HAWK 2000	2.7
GO-FL3	3.3	GREMLIN (P-58)	2.7
GRANDE II	3.3	PST-DDL	2.7
JT-13	3.3	ATF 806	2.3
JT-6	3.3	CAS-ED	2.3
JTTFF-2000	3.3	LEGITIMATE	2.3
K01-8007	3.3	BONSAI	2.0
KALAHARI	3.3		
LARAMIE	3.3	LSD VALUE	2.0
MATADOR	3.3	C.V. (%)	31.1

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 16.

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	CA3	IL2	KY1	MD1	MI1	MI2	MO1	NJ1	NJ2	NY1	PA1	MEAN
ELISA	5.7	7.0	8.0	8.3	4.3	4.7	5.0	9.0	7.7	5.7	5.7	6.5
WOLFPACK	5.7	6.3	7.7	8.0	4.0	4.7	5.3	9.0	7.3	6.0	7.0	6.5
KY-31 E+	5.3	8.3	9.0	6.7	4.0	4.3	4.7	9.0	6.0	5.3	7.3	6.4
BLACKWATCH (PICK-0D3-01)	7.0	5.3	6.0	7.7	4.3	4.7	5.3	8.3	8.0	6.3	6.3	6.3
GO-FL3	5.7	6.7	8.0	7.0	4.0	4.7	6.3	8.7	5.7	5.3	7.0	6.3
OLYMPIC GOLD	5.3	7.0	7.0	7.0	4.0	4.7	4.7	8.7	8.0	6.0	6.3	6.2
PROSPECT	5.7	5.7	7.7	7.7	4.0	4.7	5.7	8.0	8.0	5.7	5.7	6.2
K01-WAF	5.0	6.7	7.0	6.3	4.0	4.3	5.3	8.0	7.7	6.0	6.3	6.1
TAR HEEL	5.3	5.0	7.3	6.7	4.3	4.7	5.3	9.0	7.0	5.3	6.7	6.1
JUSTICE (RB2-01)	5.3	6.3	6.3	6.0	4.7	4.3	4.3	8.7	7.7	6.0	6.3	6.0
AVENGER (L1Z)	5.7	5.3	5.7	7.0	4.3	4.7	4.7	8.7	7.7	5.7	6.7	6.0
BILTMORE	5.3	6.0	6.3	6.7	4.0	4.7	5.0	7.7	7.3	6.0	6.3	5.9
COCHISE III (018)	6.0	4.7	6.3	8.0	4.0	5.0	4.3	7.7	7.3	5.7	6.0	5.9
TOMAHAWK RT	6.3	6.0	6.7	6.7	4.7	4.7	4.7	7.7	6.7	5.0	6.0	5.9
ENDEAVOR	4.0	5.0	7.0	7.3	4.0	4.3	5.3	8.3	7.0	5.3	7.0	5.9
REBEL EXEDA	4.3	6.3	6.0	6.7	4.0	4.7	5.0	8.3	8.0	5.7	5.7	5.9
PLANTATION	6.0	5.0	6.7	6.0	4.3	4.7	5.0	7.7	7.3	5.7	6.0	5.8
BE1	6.0	6.0	7.0	6.3	4.0	4.7	6.0	7.7	5.0	5.3	6.0	5.8
SR 8600	4.0	6.3	6.7	6.0	4.3	5.0	5.0	8.0	7.0	6.0	5.7	5.8
BRAVO	3.3	4.7	7.7	6.7	4.7	5.0	5.0	8.0	7.7	5.3	5.7	5.8
STETSON	5.3	5.0	7.7	5.7	4.0	5.3	4.3	8.3	7.0	4.3	6.3	5.8
FALCON IV (F-4)	6.0	4.0	6.3	6.3	4.7	4.0	5.0	8.0	6.7	6.3	6.0	5.8
SR 8250	6.0	5.0	7.7	7.3	4.0	4.7	4.3	6.3	6.7	5.7	5.7	5.8
LANCER	5.3	5.7	8.0	7.3	4.0	4.3	5.3	7.3	5.0	5.0	5.7	5.7
ATF-803	4.7	6.7	7.7	5.3	4.0	5.3	5.0	6.7	6.0	5.7	6.0	5.7
FIVE POINT (MCN-RC)	6.0	4.3	6.7	6.7	4.0	4.3	5.0	7.7	7.0	5.7	5.7	5.7
R-4	5.3	4.7	6.3	6.7	4.0	4.3	5.0	7.7	7.3	5.7	6.0	5.7
TITAN LTD.	5.7	3.7	6.7	6.3	4.0	5.0	5.0	9.0	6.0	5.7	6.0	5.7
LARAMIE	4.7	3.7	6.7	7.0	4.0	4.3	4.7	8.7	8.0	5.0	6.0	5.7
BONSAI	4.0	6.0	6.7	6.0	4.7	4.3	5.0	7.7	6.7	5.3	6.0	5.7
INFERNO (JT-99)	4.7	4.3	6.0	6.3	4.0	4.7	4.7	8.0	7.3	6.0	6.3	5.7
FALCON II	6.0	6.3	8.0	7.0	4.0	4.7	4.7	6.3	3.7	5.0	6.7	5.7
SOUTHERN CHOICE II	5.0	6.3	7.7	7.0	4.0	5.0	5.3	6.0	4.3	5.0	6.3	5.6
RENDITION	5.7	4.7	6.0	6.3	4.3	4.3	4.3	8.0	7.7	5.0	5.3	5.6
DAVINCI (LTP-7801)	5.0	4.3	6.0	6.7	4.0	4.7	4.3	7.7	6.3	5.3	6.7	5.5
PICK TF H-97	5.7	4.7	6.3	6.0	4.0	4.3	4.3	6.7	6.3	6.0	6.0	5.5
SILVERADO II (PST-578)	4.7	6.0	7.0	6.0	4.0	5.3	5.0	6.0	4.3	6.0	6.0	5.5
DOMINION	4.7	6.0	7.3	6.0	4.0	4.3	5.0	6.7	4.7	6.0	5.7	5.5
RAPTOR (CIS-TF-33)	4.0	4.3	6.3	6.3	4.0	4.7	4.7	8.0	7.0	5.3	5.7	5.5
ATF-800	3.7	6.3	6.7	6.7	5.0	4.7	5.0	5.0	5.0	6.0	6.0	5.5
JAGUAR 3	4.0	5.7	7.0	5.0	4.0	4.7	5.7	6.0	4.7	6.0	7.3	5.5
MILLENNIUM	5.3	6.3	7.0	5.3	4.7	4.7	4.3	5.0	6.3	5.3	5.7	5.5
WYATT	5.0	4.7	6.3	6.3	4.0	4.7	4.3	7.7	5.3	5.7	6.0	5.5
BARLEXAS	5.0	5.3	7.3	6.7	4.0	4.7	4.3	5.7	5.3	5.3	6.0	5.4

TABLE 16. (CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	CA3	IL2	KY1	MD1	MI1	MI2	MO1	NJ1	NJ2	NY1	PA1	MEAN
BARRINGTON	4.0	5.0	5.7	6.7	5.0	5.0	5.0	7.0	6.0	5.3	5.0	5.4
PST-5NAS	4.7	7.0	7.3	5.7	4.0	4.7	4.3	6.0	4.7	5.0	6.3	5.4
PURE GOLD	5.3	4.7	6.0	7.3	4.0	4.0	4.0	7.7	7.0	4.0	5.7	5.4
EA 163	4.7	6.0	7.0	5.7	4.0	5.3	4.0	5.3	5.3	6.0	6.0	5.4
GO-SIU2	4.3	6.0	8.3	5.3	4.0	5.0	4.0	5.3	5.0	6.0	6.0	5.4
TRACER	4.7	5.0	6.7	6.7	4.0	5.0	3.0	6.7	7.0	5.3	5.3	5.4
BAR FA 1CR7	4.7	4.7	5.7	6.7	4.0	4.7	4.7	7.0	5.7	5.7	6.0	5.4
BARLEXAS II	4.0	4.3	6.3	6.0	4.0	4.7	4.7	7.7	7.0	5.0	5.7	5.4
REBEL SENTRY	4.3	5.0	5.7	6.3	4.3	4.7	5.0	6.7	7.0	5.0	5.3	5.4
PST-5S12	4.7	5.0	7.3	6.0	4.7	4.7	3.7	5.7	5.7	5.7	6.0	5.4
GO-RD4	4.3	6.0	7.7	5.7	4.3	4.3	4.7	6.0	4.0	5.0	6.7	5.3
PICK-00-AFA	4.3	4.7	6.7	6.7	4.3	4.7	4.3	5.7	5.7	5.7	6.0	5.3
PST-5T1	4.3	6.0	7.0	5.7	5.3	4.7	4.7	4.7	6.0	5.0	5.3	5.3
DAYTONA (MRF 23)	4.7	5.7	6.7	6.3	4.0	5.3	5.0	4.7	5.7	4.7	6.0	5.3
2ND MILLENNIUM	4.7	6.7	6.3	5.7	4.0	5.0	4.0	5.3	5.3	5.7	5.7	5.3
REMBRANDT	3.7	6.3	7.3	5.7	4.7	5.0	5.0	5.0	5.0	4.7	6.0	5.3
FORTE (BE-2)	4.7	4.3	5.7	6.0	4.0	4.7	6.0	6.0	5.7	5.7	5.7	5.3
TULSA II (ATF 706)	4.0	5.3	7.3	6.0	4.0	4.3	5.0	6.3	4.7	5.7	5.7	5.3
ATF 704	4.7	4.7	7.3	5.3	4.0	4.7	5.3	6.7	5.0	4.7	5.7	5.3
FOCUS	5.0	5.3	7.0	4.7	4.3	5.0	5.3	5.3	5.7	4.7	5.7	5.3
MASTERPIECE	5.0	5.3	7.3	5.3	4.3	4.3	5.3	5.0	4.0	6.0	6.0	5.3
QUEST	4.7	3.7	6.3	6.7	4.0	4.3	4.3	7.0	6.7	5.0	5.3	5.3
TF66	4.3	5.0	6.7	5.0	4.3	4.3	3.7	7.0	7.3	5.0	5.3	5.3
SCORPION	4.0	6.0	7.7	5.0	4.0	4.7	4.3	5.3	4.7	6.0	6.0	5.2
PROSEEDS 5301	5.7	5.7	6.3	6.3	4.0	4.7	5.3	5.3	3.7	4.7	6.0	5.2
SR 8550 (SRX 8BE4)	4.3	3.3	6.3	6.0	4.0	4.7	4.3	7.0	7.0	5.0	5.7	5.2
TAR HEEL II (PST-5TR1)	5.0	6.3	7.0	6.7	4.3	4.7	4.7	4.7	4.0	4.3	6.0	5.2
UT-155	4.7	5.0	7.0	5.7	4.3	4.7	4.0	5.7	5.0	5.7	6.0	5.2
SOUTH PAW (MRF 24)	5.0	5.7	7.3	5.3	4.0	4.3	5.0	5.0	4.7	5.7	5.7	5.2
TEMPEST	4.7	5.7	7.0	4.7	4.0	5.0	5.0	5.0	4.0	5.7	6.7	5.2
FINELAWN ELITE (DLSD)	4.7	4.3	7.3	6.0	4.3	4.3	4.3	5.7	6.0	4.7	5.7	5.2
GO-0D2	3.3	5.7	7.0	6.0	4.0	5.0	5.0	5.0	5.3	5.0	5.7	5.2
MRF 210	4.7	3.7	7.0	6.0	4.0	5.0	5.7	5.3	4.7	5.0	6.0	5.2
PST-57E	4.3	4.7	6.0	6.3	4.3	4.3	4.3	6.7	6.0	5.0	5.0	5.2
COYOTE	5.0	3.3	7.3	6.0	4.0	4.7	4.3	5.7	6.3	4.7	5.3	5.2
SIGNIA	5.0	5.0	7.0	5.7	4.0	4.3	3.7	6.0	5.3	5.0	5.7	5.2
BARRERA	4.3	4.7	6.7	6.0	4.0	4.7	4.0	6.3	5.7	5.0	5.0	5.1
LEGITIMATE	4.7	5.0	7.7	6.7	4.0	4.7	4.7	4.3	3.7	4.7	6.3	5.1
MATADOR	4.0	3.0	5.7	6.0	4.0	4.3	4.0	7.3	6.3	6.0	5.7	5.1
MRF 25	3.7	5.0	7.0	5.7	4.0	4.7	5.0	5.7	4.3	5.3	6.0	5.1
MRF 26	5.0	5.0	6.3	5.3	4.0	4.7	5.7	5.0	4.3	5.0	6.0	5.1
MRF 28	4.7	4.3	6.0	5.7	4.7	4.3	5.7	5.0	4.7	5.3	6.0	5.1
MAGELLAN (OD-4)	4.7	4.7	6.7	6.0	4.0	4.7	4.3	5.3	5.0	5.0	5.7	5.1
O1-TFOR3	3.0	5.3	7.0	5.7	4.0	5.0	4.0	5.3	5.0	5.7	5.7	5.1
BAR FA 1005	4.0	5.0	6.3	5.3	4.0	5.0	4.0	5.0	6.0	5.0	6.0	5.1

TABLE 16. (CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	CA3	IL2	KY1	MD1	MI1	MI2	MO1	NJ1	NJ2	NY1	PA1	MEAN
TITANIUM (SBM)	5.0	5.0	7.0	6.0	4.0	4.0	4.0	5.0	4.7	5.0	6.0	5.1
ATF 806	4.0	6.0	6.3	5.3	4.7	4.3	4.0	5.3	5.0	5.3	5.0	5.0
CONSTITUTION (ATF-593)	4.7	4.0	6.3	5.7	4.0	4.7	4.7	5.7	4.3	5.3	6.0	5.0
B-7001	4.3	4.0	5.3	5.7	4.7	4.7	3.7	6.7	6.3	5.0	5.0	5.0
BAR FA 1003	5.0	4.7	7.0	4.0	4.3	4.7	4.3	5.7	5.0	4.7	6.0	5.0
MA 158	4.0	5.0	6.3	5.7	4.0	4.7	3.7	5.7	5.3	5.3	5.7	5.0
SILVERSTAR (PST-5ASR)	4.0	5.7	7.3	6.0	4.0	4.3	4.7	5.0	3.3	5.0	6.0	5.0
PST-5KI	3.7	4.0	7.0	5.7	4.0	5.0	5.0	5.7	5.7	4.7	5.0	5.0
KITTY HAWK 2000	4.3	5.7	6.7	5.0	4.0	4.7	5.0	6.0	3.0	4.7	6.0	5.0
PST-5BZ	2.7	5.0	7.0	6.0	4.0	4.7	4.3	5.3	4.3	5.7	6.0	5.0
PST-5KU	3.0	5.0	6.3	5.7	5.0	4.7	4.3	4.7	5.7	5.3	5.3	5.0
SRX 805	5.0	4.7	5.7	5.3	4.0	4.7	4.7	5.0	5.0	5.3	5.7	5.0
CAYENNE	4.0	4.3	6.0	6.3	4.3	4.7	4.7	5.3	5.0	4.7	5.7	5.0
MRF 27	5.3	4.3	6.7	6.0	4.0	4.3	4.7	5.0	4.7	4.7	5.3	5.0
COVENANT (ATF 802)	5.0	3.7	6.7	4.7	5.3	5.0	4.7	5.3	4.7	4.7	5.0	5.0
TAHOE (CAS-157)	4.0	4.7	6.3	5.3	4.3	5.0	4.3	5.7	4.3	5.3	5.3	5.0
CAS-MC1	3.7	4.0	6.7	5.0	4.0	4.7	4.7	6.0	4.7	6.0	5.3	5.0
DLF-J210	4.3	6.0	6.7	5.7	4.7	5.0	3.3	4.7	3.3	5.7	5.3	5.0
GRANDE II	3.7	4.7	7.0	5.0	4.0	4.7	5.0	5.0	3.7	5.7	6.3	5.0
PST-5A1	3.3	4.3	6.7	6.3	4.0	4.7	4.3	5.3	4.3	5.7	5.7	5.0
ROBERTS SM4	4.3	5.3	7.0	5.7	4.0	4.3	4.3	5.3	4.3	4.0	6.0	5.0
GUARDIAN-21 (ROBERTS DOL)	4.0	4.7	6.7	5.3	4.3	4.0	4.3	5.0	5.0	5.7	5.3	4.9
MRF 29	3.3	4.0	7.0	5.3	4.7	5.3	5.0	4.7	4.0	5.3	5.7	4.9
PST-5L0	5.0	4.7	6.7	5.0	4.0	4.7	4.7	5.7	3.3	5.0	5.7	4.9
T991	4.3	5.0	7.0	5.7	4.0	4.7	4.0	5.0	4.7	4.3	5.7	4.9
ATF 707	4.0	6.0	7.0	5.0	4.0	4.3	4.3	6.0	3.0	5.0	5.7	4.9
WATCHDOG	3.3	4.3	6.3	5.7	4.0	4.3	4.7	5.7	5.7	4.7	5.7	4.9
PST-5FZD	5.0	4.7	6.7	5.0	4.7	4.7	5.0	4.3	3.7	5.0	5.3	4.9
PST-DDL	3.0	4.0	5.7	5.0	4.3	4.7	3.7	6.7	6.3	5.3	5.3	4.9
FINESSE II	4.3	5.3	7.0	5.7	4.0	4.3	4.3	4.7	4.3	5.3	4.7	4.9
MA 127	3.7	4.0	7.0	6.3	4.0	4.0	4.7	5.0	4.3	5.0	6.0	4.9
MUSTANG 3	3.7	4.0	6.7	5.3	4.0	5.3	5.3	6.0	3.3	5.0	5.3	4.9
ATF 586	3.3	4.3	5.0	4.7	4.0	5.0	4.7	6.0	6.0	6.0	4.7	4.9
PICK ZMG	4.3	4.3	7.3	5.7	4.0	4.3	3.7	5.0	4.3	4.7	6.0	4.9
JTFFF-2000	3.0	4.0	6.7	5.0	4.7	4.7	3.7	6.0	6.3	4.0	5.3	4.8
ATF 702	3.7	3.3	6.3	5.7	4.0	4.7	5.3	5.3	4.0	5.3	5.7	4.8
PST-5TU0	5.3	4.3	6.7	5.3	4.0	4.7	4.0	4.3	5.0	4.0	5.3	4.8
ATF 799	3.7	5.3	6.3	6.3	4.0	4.3	4.3	5.0	3.7	5.0	5.0	4.8
BINGO	3.3	5.3	6.3	5.3	4.0	4.0	4.0	5.0	4.7	5.3	5.7	4.8
MA 138	4.0	4.3	.	5.7	4.0	4.7	4.3	5.3	4.3	5.3	6.0	4.8
PST-5BAB	3.3	4.7	7.0	5.7	4.0	4.0	5.0	4.3	4.7	4.7	5.3	4.8
UT-RB3	3.7	5.0	6.3	4.7	4.0	4.7	4.7	4.3	4.7	5.3	5.3	4.8
PADRE (NJ4)	4.0	6.0	5.3	6.3	4.3	4.3	4.3	3.7	4.0	4.7	5.7	4.8
DYNASTY	3.7	5.0	6.7	4.7	4.0	4.7	4.7	5.0	3.7	5.3	5.0	4.8
K01-8015	3.7	3.7	6.0	6.0	4.7	4.7	4.3	4.3	5.0	5.0	5.0	4.8

TABLE 16. (CONT'D)

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	CA3	IL2	KY1	MD1	MI1	MI2	MO1	NJ1	NJ2	NY1	PA1	MEAN
PST-5JM	3.7	4.3	6.7	5.3	4.3	4.7	5.0	4.3	3.7	4.7	5.7	4.8
CIS-TF-65	3.3	5.3	6.7	5.3	4.0	4.3	4.3	5.0	4.3	4.3	5.0	4.7
PICASSO	3.3	5.0	5.7	5.0	4.0	4.3	4.3	4.7	4.0	5.7	5.7	4.7
NA-TDD	4.7	6.0	6.0	5.0	4.0	5.0	4.3	2.7	3.3	4.7	5.3	4.6
DP 50-9082	4.3	4.3	6.3	4.3	4.0	4.0	5.0	4.7	3.7	5.3	5.0	4.6
KALAHARI	5.0	3.7	5.0	5.0	4.0	4.3	5.0	5.7	4.0	4.7	4.7	4.6
CIS-TF-67	3.0	4.0	6.0	5.3	4.7	4.7	4.0	4.3	4.3	5.0	5.3	4.6
CAS-ED	3.3	3.3	6.0	4.3	4.3	4.0	4.3	4.3	5.3	5.7	5.7	4.6
GREMLIN (P-58)	3.3	4.3	7.3	5.0	4.0	4.3	4.0	4.0	3.7	4.3	6.3	4.6
CIS-TF-60	3.3	5.3	6.3	4.7	4.0	4.3	3.7	4.7	3.7	5.3	5.0	4.6
JT-13	4.0	4.3	6.7	5.0	4.3	5.0	3.7	4.0	3.3	4.7	5.3	4.6
O1-RUTOR2	2.0	4.7	7.3	5.3	5.0	4.7	3.7	4.7	2.7	5.3	5.0	4.6
PST-53T	4.0	4.0	6.0	4.3	4.0	5.0	4.0	4.0	4.0	5.3	5.3	4.5
DP 50-9226	3.0	4.0	6.7	4.7	4.7	4.3	4.3	3.0	4.0	6.0	5.0	4.5
JT-18	5.0	4.7	6.3	5.7	4.3	4.3	3.0	3.0	2.0	5.7	5.7	4.5
MRF 211	3.7	4.7	5.7	5.0	4.0	4.3	3.7	4.0	4.0	5.0	5.7	4.5
JT-15	2.3	3.3	6.0	5.3	4.3	5.0	4.3	4.0	3.3	6.0	5.3	4.5
CIS-TF-64	3.7	3.3	5.7	5.0	4.0	4.7	4.3	4.3	4.0	5.0	5.0	4.5
JT-9	2.7	3.7	6.7	5.7	4.0	4.0	3.7	4.0	3.3	5.3	5.7	4.4
CIS-TF-77	3.0	3.0	4.7	4.7	4.0	4.3	3.7	5.7	5.0	5.0	5.3	4.4
K01-8007	4.7	2.7	4.7	6.0	4.0	4.7	3.7	3.0	4.0	6.0	4.7	4.4
K01-E09	4.0	3.3	6.3	4.3	4.0	4.3	4.7	4.0	2.7	4.7	5.3	4.3
JT-6	3.3	4.0	6.0	5.7	4.0	4.0	4.3	3.3	2.3	5.0	5.3	4.3
K01-E03	3.3	4.0	6.3	4.0	5.3	5.0	3.7	3.0	2.7	4.7	4.7	4.2
O1-ORU1	2.3	2.7	5.7	5.7	4.0	5.0	3.7	3.7	3.0	4.7	5.3	4.2
JT-12	2.7	4.0	6.7	4.0	4.0	4.3	3.3	3.0	3.7	4.3	5.3	4.1
LSD VALUE	2.0	2.1	1.4	2.0	0.8	0.9	1.5	1.4	2.1	1.5	0.9	0.5
C.V. (%)	28.8	26.4	13.2	20.9	11.5	12.8	21.1	14.7	24.9	17.8	10.2	19.0

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

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

TABLE 17.

SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	GA1	MI1	MI2	WA3	MEAN	NAME	GA1	MI1	MI2	WA3	MEAN
GO-FL3	8.0	4.0	4.0	8.0	6.0	T991	7.0	4.3	4.0	6.7	5.5
ELISA	7.7	4.0	4.0	8.0	5.9	GO-RD4	7.3	4.0	4.3	6.3	5.5
REBEL SENTRY	8.0	4.3	4.3	7.0	5.9	2ND MILLENNIUM	6.7	4.0	4.0	7.0	5.4
BRAVO	7.7	4.3	4.3	7.0	5.8	BAR FA 1005	7.0	4.0	4.7	6.0	5.4
KY-31 E+	7.3	4.0	4.7	7.3	5.8	COYOTE	7.0	4.7	4.0	6.0	5.4
ATF 704	7.3	4.3	4.0	7.3	5.8	JT-6	6.7	4.0	4.3	6.7	5.4
MRF 25	7.7	4.0	4.3	7.0	5.8	KO1-E03	7.0	4.3	4.7	5.7	5.4
BILTMORE	7.0	4.3	4.3	7.3	5.8	MRF 27	7.7	4.0	4.0	6.0	5.4
JAGUAR 3	7.3	4.0	4.3	7.3	5.8	PADRE (NJ4)	6.0	4.7	4.0	7.0	5.4
ATF 707	7.7	4.3	4.0	6.7	5.7	PICASSO	7.0	4.0	4.0	6.7	5.4
CONSTITUTION (ATF-593)	7.0	4.7	4.7	6.3	5.7	PST-53T	7.0	4.0	4.0	6.7	5.4
KO1-WAF	8.0	4.0	4.0	6.7	5.7	PST-57E	6.7	4.3	4.0	6.7	5.4
MILLENNIUM	7.7	4.0	4.3	6.7	5.7	ROBERTS SM4	7.0	4.3	4.7	5.7	5.4
PROSPECT	7.0	4.3	4.7	6.7	5.7	SCORPION	6.7	4.0	4.3	6.7	5.4
SILVERSTAR (PST-5ASR)	7.3	4.3	4.3	6.7	5.7	SR 8600	7.0	4.0	4.0	6.7	5.4
BARLEXAS II	7.0	4.3	4.3	7.0	5.7	TOMAHAWK RT	6.7	4.0	4.0	7.0	5.4
DLF-J210	7.3	4.3	4.0	7.0	5.7	WYATT	7.0	4.0	4.0	6.7	5.4
LANCER	7.3	4.0	4.0	7.3	5.7	ATF-803	7.3	4.0	4.0	6.3	5.4
LARAMIE	7.3	4.3	4.0	7.0	5.7	AVENGER (L1Z)	7.3	4.0	4.0	6.3	5.4
MASTERPIECE	8.0	4.0	4.3	6.3	5.7	CAS-MC1	7.3	4.0	4.0	6.3	5.4
PST-5JM	7.3	4.3	4.0	7.0	5.7	GO-SIU2	7.3	4.0	4.0	6.3	5.4
REBEL EXEDA	7.0	4.3	4.3	7.0	5.7	MA 158	6.7	4.3	4.3	6.3	5.4
TITAN LTD.	6.7	4.0	4.0	7.7	5.6	MRF 26	7.0	4.3	4.0	6.3	5.4
TULSA II (ATF 706)	7.0	4.0	4.7	6.7	5.6	PST-5KU	7.0	4.0	4.3	6.3	5.4
BARLEXAS	7.0	4.0	4.0	7.3	5.6	QUEST	7.0	4.3	4.3	6.0	5.4
CIS-TF-60	7.3	4.0	4.3	6.7	5.6	SR 8250	7.0	4.3	4.0	6.3	5.4
DAYTONA (MRF 23)	7.3	4.0	4.3	6.7	5.6	TAR HEEL	7.3	4.0	4.0	6.3	5.4
EA 163	7.3	4.0	4.0	7.0	5.6	TRACER	6.3	4.0	4.3	7.0	5.4
FALCON II	6.7	4.0	4.3	7.3	5.6	JTFFF-2000	6.7	4.7	4.0	6.0	5.3
FIVE POINT (MCN-RC)	7.0	4.0	4.0	7.3	5.6	ATF 586	6.7	4.0	4.3	6.3	5.3
OLYMPIC GOLD	7.3	4.0	4.0	7.0	5.6	ATF 799	6.3	4.3	4.0	6.7	5.3
SIGNIA	7.7	4.3	4.0	6.3	5.6	COVENANT (ATF 802)	6.3	4.3	4.0	6.7	5.3
JT-13	6.7	4.0	4.7	6.7	5.5	B-7001	6.7	4.0	4.3	6.3	5.3
O1-TFOR3	7.0	4.0	4.3	6.7	5.5	BARRERA	7.0	4.0	4.3	6.0	5.3
BARRINGTON	7.3	4.0	4.0	6.7	5.5	BINGO	6.3	4.0	4.0	7.0	5.3
BE1	7.0	4.3	4.0	6.7	5.5	BONSAI	7.3	4.0	4.0	6.0	5.3
DOMINION	7.0	4.0	4.0	7.0	5.5	TAHOE (CAS-157)	7.0	4.3	4.0	6.0	5.3
ENDEAVOR	7.3	4.0	4.0	6.7	5.5	CIS-TF-67	6.3	4.3	4.0	6.7	5.3
FALCON IV (F-4)	6.7	4.7	4.0	6.7	5.5	CIS-TF-77	6.7	4.3	4.0	6.3	5.3
FOCUS	7.0	4.0	4.3	6.7	5.5	COCHISE III (018)	6.7	4.0	4.3	6.3	5.3
JT-9	7.0	4.3	4.7	6.0	5.5	DP 50-9226	7.3	4.0	4.3	5.7	5.3
JUSTICE (RB2-01)	7.7	4.0	4.0	6.3	5.5	FORTE (BE-2)	6.7	4.3	4.0	6.3	5.3
MA 138	7.7	4.0	4.0	6.3	5.5	LEGITIMATE	6.7	4.3	4.0	6.3	5.3
STETSON	6.7	4.0	4.0	7.3	5.5	MATADOR	7.0	4.0	4.0	6.3	5.3
						PLANTATION	6.7	4.0	4.3	6.3	5.3

TABLE 17. (CONT'D)

SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	GA1	MI1	MI2	WA3	MEAN	NAME	GA1	MI1	MI2	WA3	MEAN
R-4	6.7	4.0	4.3	6.3	5.3	SOUTHERN CHOICE II	7.0	4.0	4.0	5.7	5.2
REMBRANDT	6.7	4.3	4.0	6.3	5.3	ATF 806	6.0	4.0	4.3	6.3	5.2
SOUTH PAW (MRF 24)	7.3	4.0	4.3	5.7	5.3	GUARDIAN-21 (ROBERTS DOL)	6.3	4.0	4.0	6.3	5.2
TAR HEEL II (PST-5TR1)	7.0	4.3	4.0	6.0	5.3	KITTY HAWK 2000	6.3	4.0	4.0	6.3	5.2
TEMPEST	6.3	4.3	4.0	6.7	5.3	MA 127	6.3	4.0	4.3	6.0	5.2
UT-155	7.3	4.3	4.0	5.7	5.3	PICK TF H-97	6.7	4.3	4.3	5.3	5.2
UT-RB3	7.0	4.0	4.3	6.0	5.3	CAYENNE	6.7	4.0	4.0	5.7	5.1
WOLFPACK	6.7	4.3	4.0	6.3	5.3	PICK-00-AFA	6.7	4.0	4.0	5.7	5.1
ATF-800	6.7	4.0	4.0	6.3	5.3	01-ORU1	6.3	4.0	4.3	5.7	5.1
BLACKWATCH (PICK-0D3-01)	7.0	4.0	4.0	6.0	5.3	01-RUTOR2	7.0	4.0	4.0	5.3	5.1
CIS-TF-65	6.7	4.0	4.0	6.3	5.3	ATF 702	6.3	4.0	4.0	6.0	5.1
DAVINCI (LTP-7801)	6.7	4.7	4.0	5.7	5.3	BAR FA 1CR7	7.3	4.0	4.0	5.0	5.1
GRANDE II	7.0	4.0	4.0	6.0	5.3	DP 50-9082	7.3	4.0	4.0	5.0	5.1
INFERNO (JT-99)	6.3	4.0	4.0	6.7	5.3	JT-18	6.7	4.0	4.3	5.3	5.1
MAGELLAN (OD-4)	6.7	4.0	4.0	6.3	5.3	K01-8007	6.3	4.0	4.0	6.0	5.1
MRF 211	6.7	4.3	4.3	5.7	5.3	MRF 210	6.3	4.0	4.0	6.0	5.1
MRF 28	7.0	4.0	4.3	5.7	5.3	PST-5A1	7.0	4.0	4.0	5.3	5.1
MRF 29	6.3	4.3	4.3	6.0	5.3	PST-5BZ	6.0	4.0	4.3	6.0	5.1
PST-5T1	7.3	4.3	4.0	5.3	5.3	PST-5FZD	7.0	4.0	4.0	5.3	5.1
PST-5TU0	6.7	4.0	4.0	6.3	5.3	PST-5KI	6.7	4.0	4.3	5.3	5.1
PURE GOLD	7.0	4.0	4.0	6.0	5.3	PST-5LO	6.3	4.3	4.0	5.7	5.1
SILVERADO II (PST-578)	7.0	4.0	4.0	6.0	5.3	RAPTOR (CIS-TF-33)	6.0	4.0	4.0	6.3	5.1
TF66	6.7	4.3	4.0	6.0	5.3	CIS-TF-64	6.7	4.3	4.0	5.0	5.0
JT-12	7.0	4.3	4.3	5.3	5.3	FINELAWN ELITE (DLSD)	6.7	4.3	4.0	5.0	5.0
JT-15	7.3	4.0	4.3	5.3	5.3	MUSTANG 3	6.0	4.0	4.0	6.0	5.0
KALAHARI	6.3	4.0	4.3	6.3	5.3	PROSEEDS 5301	5.0	4.3	4.0	6.7	5.0
TITANIUM (SBM)	6.3	4.0	4.3	6.3	5.3	PST-DDL	6.0	4.0	4.3	5.7	5.0
CAS-ED	6.7	4.0	4.3	5.7	5.2	SRX 805	5.7	4.0	4.3	6.0	5.0
GO-OD2	6.7	4.0	4.0	6.0	5.2	WATCHDOG	6.7	4.0	4.0	5.3	5.0
K01-8015	6.3	4.3	4.3	5.7	5.2	BAR FA 1003	5.7	4.0	4.0	6.0	4.9
K01-E09	7.0	4.0	4.0	5.7	5.2	SR 8550 (SRX 8BE4)	6.0	4.0	4.0	5.7	4.9
NA-TDD	5.7	4.0	4.0	7.0	5.2	FINESSE II	6.7	4.0	4.0	4.7	4.8
PICK ZMG	6.7	4.0	4.0	6.0	5.2	DYNASTY	5.7	4.3	4.0	5.3	4.8
PST-5BAB	6.7	4.0	4.0	6.0	5.2	GREMLIN (P-58)	6.0	4.0	4.0	5.0	4.8
PST-5NAS	7.0	4.0	4.0	5.7	5.2						
PST-5S12	6.7	4.0	4.0	6.0	5.2	LSD VALUE	1.3	0.5	0.6	1.4	0.5
RENDITION	6.7	4.0	4.0	6.0	5.2	C.V. (%)	11.3	8.3	8.4	14.2	12.0

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

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

TABLE 18.

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	PA1	TX1	WA3	MEAN	NAME	MI1	MI2	PA1	TX1	WA3	MEAN
ELISA	7.0	7.0	6.7	7.3	8.7	7.3	K01-E09	7.0	7.3	7.0	7.0	6.0	6.9
COCHISE III (018)	7.0	8.0	7.0	7.7	6.3	7.2	LARAMIE	6.3	6.3	7.0	7.3	7.3	6.9
GO-FL3	6.3	7.0	7.0	7.3	8.3	7.2	FIVE POINT (MCN-RC)	6.3	6.7	7.3	7.3	6.7	6.9
REBEL EXEDA	7.3	6.7	7.3	7.7	7.0	7.2	WYATT	7.0	6.3	6.3	7.7	7.0	6.9
FALCON II	6.3	7.0	7.0	7.7	7.7	7.1	01-TFOR3	6.3	6.7	6.7	7.7	6.7	6.8
K01-WAF	6.3	7.7	7.3	7.7	6.7	7.1	ATF-800	6.7	6.7	6.3	8.0	6.3	6.8
UT-155	6.7	7.3	7.3	8.0	6.3	7.1	BILTMORE	6.7	6.7	6.3	7.7	6.7	6.8
TAHOE (CAS-157)	6.7	7.3	7.3	7.7	6.3	7.1	BINGO	6.7	6.3	7.0	7.3	6.7	6.8
CIS-TF-67	7.0	7.0	7.7	7.0	6.7	7.1	CIS-TF-64	6.7	6.7	8.0	6.7	6.0	6.8
GO-0D2	6.3	7.3	7.3	7.7	6.7	7.1	GRANDE II	6.7	6.7	7.3	6.7	6.7	6.8
JUSTICE (RB2-01)	7.3	7.7	6.7	7.3	6.3	7.1	JT-15	7.3	6.3	7.3	7.0	6.0	6.8
PROSEEDS 5301	7.0	7.3	6.7	7.7	6.7	7.1	KITTY HAWK 2000	6.3	6.7	6.3	7.7	7.0	6.8
R-4	7.0	7.7	7.0	7.0	6.7	7.1	MASTERPIECE	6.3	7.0	7.0	7.7	6.0	6.8
STETSON	6.0	7.3	6.7	7.7	7.7	7.1	GREMLIN (P-58)	6.7	7.0	7.3	7.3	5.7	6.8
WOLFPACK	7.0	7.0	7.0	8.0	6.3	7.1	PICK-00-AFA	6.7	6.7	7.0	7.7	6.0	6.8
BLACKWATCH (PICK-0D3-01)	6.3	6.7	7.3	7.3	7.7	7.1	PST-53T	6.0	6.7	7.7	7.3	6.3	6.8
AVENGER (L1Z)	6.3	7.3	7.7	7.3	6.3	7.0	PST-57E	7.0	6.3	6.7	7.3	6.7	6.8
BRAVO	7.0	6.7	7.0	7.0	7.3	7.0	PST-5BAB	6.7	6.0	7.3	7.7	6.3	6.8
FOCUS	6.3	7.0	7.0	7.7	7.0	7.0	PST-5KI	7.0	6.7	7.3	7.0	6.0	6.8
JAGUAR 3	6.3	7.0	7.3	7.0	7.3	7.0	PST-5S12	6.7	7.3	6.3	7.3	6.3	6.8
KALAHARI	7.0	7.3	6.7	7.3	6.7	7.0	QUEST	6.3	7.0	6.3	7.3	7.0	6.8
MILLENNIUM	7.0	7.0	6.3	7.3	7.3	7.0	REMBRANDT	7.0	6.3	6.7	7.3	6.7	6.8
MUSTANG 3	6.3	7.0	7.0	7.7	7.0	7.0	TAR HEEL	6.7	6.7	6.7	7.3	6.7	6.8
OLYMPIC GOLD	6.3	7.0	7.0	7.7	7.0	7.0	TULSA II (ATF 706)	6.3	6.7	6.7	7.3	7.0	6.8
PADRE (NJ4)	7.0	6.3	7.7	7.3	6.7	7.0	DYNASTY	7.3	6.0	6.7	7.7	6.0	6.7
PICASSO	6.3	7.0	7.3	7.3	7.0	7.0	EA 163	6.7	6.7	7.0	7.3	6.0	6.7
TITAN LTD.	6.7	7.0	6.7	7.3	7.3	7.0	LEGITIMATE	6.7	6.7	7.0	7.0	6.3	6.7
MA 127	6.3	6.7	7.7	7.7	6.3	6.9	MRF 25	6.0	6.0	6.7	7.7	7.3	6.7
REBEL SENTRY	6.3	6.7	7.0	7.7	7.0	6.9	TOMAHAWK RT	6.7	6.0	7.0	7.0	7.0	6.7
SR 8250	7.3	6.7	6.7	7.0	7.0	6.9	ATF 704	6.0	6.3	7.0	7.3	7.0	6.7
B-7001	7.0	7.0	6.3	7.3	7.0	6.9	BARLEXAS	6.0	6.3	6.7	7.0	7.7	6.7
INFERNO (JT-99)	6.3	6.7	7.7	7.3	6.7	6.9	ENDEAVOR	7.0	6.3	6.7	7.0	6.7	6.7
PROSPECT	6.3	6.3	7.0	7.7	7.3	6.9	K01-E03	7.3	6.7	6.3	7.3	6.0	6.7
PST-5BZ	7.3	6.3	7.3	7.3	6.3	6.9	MA 138	7.0	6.3	6.3	7.0	7.0	6.7
SILVERSTAR (PST-5ASR)	6.3	7.0	6.7	7.3	7.3	6.9	MRF 26	6.0	7.0	6.7	7.3	6.7	6.7
2ND MILLENNIUM	7.0	7.0	6.7	7.0	6.7	6.9	NA-TDD	7.3	6.7	5.3	7.0	7.3	6.7
DAVINCI (LTP-7801)	6.0	7.7	7.0	7.7	6.0	6.9	PLANTATION	6.3	6.3	6.7	7.7	6.7	6.7
GUARDIAN-21 (ROBERTS DOL)	6.7	6.3	7.3	7.7	6.3	6.9	PST-5NAS	6.7	7.0	7.3	7.0	5.7	6.7
MAGELLAN (OD-4)	6.3	6.7	6.7	7.7	7.0	6.9	PURE GOLD	7.0	6.3	7.0	7.0	6.3	6.7
PICK ZMG	6.3	7.7	6.7	7.7	6.0	6.9	RENDITION	6.7	6.7	6.7	7.3	6.3	6.7
RAPTOR (CIS-TF-33)	6.3	6.7	7.7	7.3	6.3	6.9	TITANIUM (SBM)	6.0	7.3	6.3	7.7	6.3	6.7
CAYENNE	6.0	7.3	7.3	7.3	6.3	6.9	TEMPEST	6.3	6.7	6.3	7.0	7.3	6.7
CIS-TF-77	6.3	7.0	7.0	7.0	7.0	6.9	ATF 707	6.3	6.7	6.3	6.7	7.3	6.7
FALCON IV (F-4)	6.7	6.3	7.3	7.3	6.7	6.9	ATF 799	6.3	6.3	6.3	7.7	6.7	6.7
							CONSTITUTION (ATF-593)	6.3	6.3	7.3	7.0	6.3	6.7

TABLE 18. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	PA1	TX1	WA3	MEAN	NAME	MI1	MI2	PA1	TX1	WA3	MEAN
ATF-803	6.0	7.0	6.7	7.3	6.3	6.7	JTFFF-2000	6.0	6.0	7.3	7.0	6.3	6.5
BAR FA 1003	6.3	6.7	6.7	7.0	6.7	6.7	MRF 29	6.3	7.0	6.0	7.7	5.7	6.5
CAS-ED	6.3	6.7	7.0	7.7	5.7	6.7	PICK TF H-97	7.0	6.3	6.7	7.3	5.3	6.5
CIS-TF-60	6.7	6.7	7.0	6.3	6.7	6.7	PST-5A1	7.0	6.3	6.7	7.0	5.7	6.5
CIS-TF-65	6.3	7.0	6.7	7.0	6.3	6.7	PST-5JM	6.3	7.0	6.0	6.7	6.7	6.5
LANCER	5.7	6.7	6.0	7.3	7.7	6.7	SIGNIA	6.0	6.0	7.0	7.3	6.3	6.5
PST-5TU0	7.0	6.7	6.7	7.0	6.0	6.7	SOUTHERN CHOICE II	6.7	6.0	6.3	7.3	6.3	6.5
ROBERTS SM4	6.3	6.7	7.0	7.0	6.3	6.7	MRF 28	6.0	6.7	6.3	7.0	6.3	6.5
SILVERADO II (PST-578)	6.3	7.0	6.7	7.0	6.3	6.7	PST-5T1	6.0	7.0	6.7	7.0	5.7	6.5
TF66	5.7	6.7	7.0	7.3	6.7	6.7	SRX 805	6.3	6.7	6.0	7.0	6.3	6.5
COVENANT (ATF 802)	6.3	6.3	6.3	7.3	7.0	6.7	TRACER	5.7	7.0	6.7	7.0	6.0	6.5
BARRINGTON	6.0	6.3	7.3	7.3	6.3	6.7	DP 50-9226	6.3	6.7	6.3	7.0	6.0	6.5
DAYTONA (MRF 23)	6.3	6.0	6.3	7.3	7.3	6.7	JT-13	6.3	6.3	7.0	6.3	6.3	6.5
JT-6	6.7	6.3	7.0	6.3	7.0	6.7	UT-RB3	6.3	6.3	6.7	7.0	6.0	6.5
MRF 27	6.0	7.0	6.3	7.3	6.7	6.7	BAR FA 1CR7	6.3	6.0	6.7	7.7	5.3	6.4
WATCHDOG	6.7	6.3	7.3	7.0	6.0	6.7	BARRERA	6.0	6.3	6.7	7.0	6.0	6.4
O1-ORU1	6.3	6.7	6.7	7.3	6.0	6.6	DLF-J210	6.3	6.3	6.3	7.0	6.0	6.4
BE1	6.3	6.3	6.7	7.0	6.7	6.6	FORTE (BE-2)	5.7	6.7	6.3	7.0	6.3	6.4
BONSAI	7.0	6.7	6.7	6.7	6.0	6.6	GO-SIU2	6.3	6.7	6.7	6.3	6.0	6.4
COYOTE	6.7	6.3	6.0	7.7	6.3	6.6	JT-12	6.7	6.3	6.3	7.0	5.7	6.4
GO-RD4	6.3	6.3	6.7	7.0	6.7	6.6	JT-18	6.3	6.3	7.3	6.7	5.3	6.4
MA 158	6.3	6.0	6.3	7.7	6.7	6.6	JT-9	6.0	7.0	6.0	7.0	6.0	6.4
MATADOR	6.0	6.3	6.7	7.0	7.0	6.6	KO1-8015	6.0	6.0	6.7	7.3	6.0	6.4
MRF 210	6.3	7.0	6.0	7.0	6.7	6.6	PST-5KU	5.7	7.3	6.7	6.3	6.0	6.4
SR 8550 (SRX 8BE4)	6.0	6.7	7.0	7.0	6.3	6.6	PST-5L0	6.3	6.0	6.7	7.0	6.0	6.4
SR 8600	6.0	6.0	7.0	7.0	7.0	6.6	PST-DDL	6.3	6.7	6.7	6.3	6.0	6.4
T991	6.0	6.7	6.3	7.3	6.7	6.6	SCORPION	6.0	6.3	6.3	7.0	6.3	6.4
TAR HEEL II (PST-5TR1)	6.7	7.3	6.3	6.7	6.0	6.6	SOUTH PAW (MRF 24)	6.3	6.0	6.3	7.0	6.3	6.4
ATF 586	5.7	6.7	6.3	7.7	6.3	6.5	CAS-MC1	6.3	7.0	6.7	5.0	6.7	6.3
ATF 702	6.7	6.3	6.7	7.0	6.0	6.5	FINESSE II	6.7	6.7	6.3	6.7	5.3	6.3
DOMINION	6.3	6.3	6.3	6.7	7.0	6.5	KY-31 E+	6.7	6.3	5.0	6.7	7.0	6.3
PST-5FZD	6.7	6.0	6.7	7.0	6.3	6.5	MRF 211	6.3	6.0	6.0	7.0	6.0	6.3
O1-RUTOR2	6.0	7.0	7.3	7.0	5.3	6.5	KO1-8007	6.0	7.0	6.3	6.3	5.3	6.2
ATF 806	6.7	6.3	6.3	7.0	6.3	6.5	DP 50-9082	6.0	6.3	6.0	7.3	5.0	6.1
BAR FA 1005	6.3	6.7	7.0	7.0	5.7	6.5							
BARLEXAS II	6.3	6.3	6.7	6.7	6.7	6.5	LSL VALUE	1.1	1.2	1.2	1.2	1.3	0.5
FINELAWN ELITE (DLSD)	6.3	6.3	6.7	7.3	6.0	6.5	C.V. (%)	10.6	10.9	11.2	10.4	12.1	11.1

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

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

TABLE 19.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	NJ1	NJ2	TX1	MEAN	NAME	MI1	MI2	NJ1	NJ2	TX1	MEAN
INFERNO (JT-99)	7.0	6.3	7.7	7.0	7.7	7.1	PICK ZMG	5.7	7.3	5.0	5.3	7.7	6.2
K01-8015	6.3	6.3	8.7	6.0	7.3	6.9	PST-5S12	5.7	7.0	6.0	5.3	7.0	6.2
R-4	6.3	6.7	7.7	7.3	6.7	6.9	QUEST	6.0	6.7	6.0	5.0	7.3	6.2
TITANIUM (SBM)	6.0	6.7	6.7	7.0	8.0	6.9	SR 8550 (SRX 8BE4)	5.7	6.3	5.7	6.3	7.0	6.2
JUSTICE (RB2-01)	6.0	7.3	6.0	8.0	7.0	6.9	WYATT	6.0	6.3	5.7	5.7	7.3	6.2
01-ORU1	6.0	6.7	8.0	6.0	7.3	6.8	UT-155	5.3	7.3	5.7	5.3	7.3	6.2
2ND MILLENNIUM	7.3	6.0	7.0	6.3	7.3	6.8	ATF 806	8.0	6.3	4.7	4.7	7.0	6.1
AVENGER (L1Z)	6.0	6.7	6.3	7.3	7.7	6.8	CIS-TF-64	6.3	6.7	5.7	5.3	6.7	6.1
K01-WAF	6.7	7.0	6.7	6.0	7.3	6.7	MAGELLAN (OD-4)	6.0	6.7	6.0	4.7	7.3	6.1
K01-E03	6.3	7.0	7.3	5.7	7.3	6.7	PICK TF H-97	6.0	6.7	5.0	6.0	7.0	6.1
GUARDIAN-21 (ROBERTS DOL)	6.0	6.7	6.7	6.7	7.3	6.7	TITAN LTD.	7.3	6.7	4.3	4.7	7.7	6.1
FALCON IV (F-4)	6.3	6.0	7.3	6.3	7.3	6.7	CIS-TF-67	6.3	6.3	6.0	5.0	7.0	6.1
KALAHARI	6.7	6.0	7.0	6.0	7.3	6.6	DYNASTY	5.3	6.0	7.0	5.0	7.3	6.1
BILTMORE	6.3	6.0	6.3	6.3	7.7	6.5	K01-E09	6.0	6.3	6.3	5.0	7.0	6.1
BLACKWATCH (PICK-0D3-01)	6.0	6.0	6.3	6.7	7.7	6.5	PICK-00-AFA	5.3	7.0	6.0	5.3	7.0	6.1
DAVINCI (LTP-7801)	5.0	7.0	7.0	6.3	7.3	6.5	SR 8250	6.3	6.7	4.3	6.0	7.3	6.1
CAS-ED	6.3	6.7	6.0	6.0	7.3	6.5	GRANDE II	6.3	6.3	5.3	5.7	6.7	6.1
CAYENNE	5.3	7.0	6.7	6.0	7.3	6.5	PICASSO	5.7	6.7	5.7	4.7	7.7	6.1
FORTE (BE-2)	6.3	6.3	6.3	6.0	7.3	6.5	SILVERADO II (PST-578)	5.7	6.0	6.0	5.7	7.0	6.1
MATADOR	6.0	6.7	6.3	6.0	7.3	6.5	ATF 586	5.3	6.7	5.3	5.3	7.7	6.1
PADRE (NJ4)	6.0	5.7	6.7	6.3	7.7	6.5	BAR FA 1005	5.0	6.7	5.3	6.0	7.3	6.1
PROSEEDS 5301	6.3	7.0	5.7	6.0	7.3	6.5	CIS-TF-65	6.0	7.3	5.7	4.3	7.0	6.1
MUSTANG 3	5.3	7.0	7.0	5.0	8.0	6.5	CIS-TF-77	5.0	6.7	6.3	5.3	7.0	6.1
BINGO	6.3	5.7	7.0	5.3	7.7	6.4	KITTY HAWK 2000	6.3	6.7	5.3	4.7	7.3	6.1
PST-57E	6.3	6.3	5.3	6.3	7.7	6.4	REBEL SENTRY	5.3	6.7	4.7	6.3	7.3	6.1
PST-DDL	6.0	6.7	6.3	6.0	7.0	6.4	REMBRANDT	6.0	6.0	6.0	5.3	7.0	6.1
RAPTOR (CIS-TF-33)	5.3	6.7	6.0	7.0	7.0	6.4	WATCHDOG	5.3	6.3	6.3	5.0	7.3	6.1
COCHISE III (018)	5.3	7.0	6.0	6.3	7.3	6.4	WOLFPACK	5.7	6.7	5.3	5.3	7.3	6.1
TAHOE (CAS-157)	6.0	6.3	6.0	5.7	7.7	6.3	MILLENNIUM	6.3	6.3	5.0	5.3	7.3	6.1
PST-5BZ	6.7	6.0	6.0	6.0	7.0	6.3	BE1	6.3	6.0	5.0	5.7	7.0	6.0
PST-5T1	6.0	6.7	6.0	5.7	7.3	6.3	FINESSE II	6.3	6.0	5.7	5.0	7.0	6.0
REBEL EXEDA	6.0	6.0	5.7	6.7	7.3	6.3	OLYMPIC GOLD	5.3	6.3	5.7	5.7	7.0	6.0
RENDITION	6.7	6.7	5.3	5.7	7.3	6.3	GREMLIN (P-58)	6.0	5.7	5.3	6.0	7.0	6.0
FINELAWN ELITE (DLSD)	6.0	6.3	6.3	6.0	7.0	6.3	ELISA	5.3	7.0	5.0	5.3	7.3	6.0
PST-5FZD	6.3	6.3	6.0	6.0	7.0	6.3	GO-0D2	5.3	7.3	4.7	5.3	7.3	6.0
TAR HEEL II (PST-5TR1)	5.3	7.0	6.3	5.7	7.3	6.3	JT-15	6.3	6.3	6.0	4.3	7.0	6.0
CAS-MC1	5.3	6.3	6.7	5.7	7.3	6.3	PST-5KI	5.3	6.3	5.7	5.3	7.3	6.0
K01-8007	5.7	7.0	7.3	5.0	6.3	6.3	MRF 27	6.0	6.7	5.3	4.7	7.0	5.9
PST-5A1	5.3	7.0	6.7	5.0	7.3	6.3	PST-5BAB	5.3	6.7	5.7	5.0	7.0	5.9
SR 8600	6.0	6.3	5.0	6.7	7.3	6.3	PST-5JM	5.7	7.0	5.0	5.0	7.0	5.9
MASTERPIECE	6.0	6.7	4.7	6.0	7.7	6.2	PST-5LO	6.0	6.7	5.0	5.0	7.0	5.9
FIVE POINT (MCN-RC)	5.7	6.7	6.3	5.7	6.7	6.2	SILVERSTAR (PST-5ASR)	5.7	6.7	5.3	4.3	7.7	5.9
01-RUTOR2	5.7	7.0	6.3	5.0	7.0	6.2	B-7001	5.3	6.7	4.3	6.3	7.0	5.9
JT-9	7.7	7.0	4.3	5.0	7.0	6.2	CIS-TF-60	5.3	7.0	6.3	4.0	7.0	5.9
							ROBERTS SM4	6.3	6.7	4.3	5.3	7.0	5.9

TABLE 19. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MI1	MI2	NJ1	NJ2	TX1	MEAN	NAME	MI1	MI2	NJ1	NJ2	TX1	MEAN
SCORPION	5.0	6.3	6.0	5.0	7.3	5.9	LANCER	5.7	6.7	3.7	4.0	7.7	5.5
MA 127	5.3	6.3	5.3	4.7	7.7	5.9	MRF 210	6.0	7.0	4.0	3.7	7.0	5.5
CONSTITUTION (ATF-593)	5.7	6.3	5.0	5.0	7.3	5.9	STETSON	5.3	7.0	3.7	4.0	7.7	5.5
JT-12	5.3	6.0	6.0	5.0	7.0	5.9	TAR HEEL	5.7	6.7	4.7	4.0	6.7	5.5
PST-5NAS	5.3	6.0	6.0	4.7	7.3	5.9	TULSA II (ATF 706)	5.0	7.0	4.7	4.0	7.0	5.5
PST-STUO	6.3	6.7	5.3	4.0	7.0	5.9	01-TFOR3	5.7	5.7	5.0	3.7	7.3	5.5
LEGITIMATE	5.7	7.0	3.7	5.0	7.7	5.8	ATF-800	6.0	6.0	4.7	3.3	7.3	5.5
UT-RB3	5.3	5.7	5.7	5.7	6.7	5.8	BARLEXAS	5.0	6.3	4.7	4.0	7.3	5.5
JAGUAR 3	5.7	6.3	5.3	5.0	6.7	5.8	DLF-J210	5.7	7.0	3.3	4.3	7.0	5.5
MA 138	5.7	6.7	5.3	4.0	7.3	5.8	LARAMIE	5.7	6.3	3.7	4.3	7.3	5.5
MA 158	5.3	6.3	4.3	6.0	7.0	5.8	MRF 25	6.0	6.0	5.0	3.7	6.7	5.5
MRF 28	5.7	6.7	5.7	4.0	7.0	5.8	TF66	5.3	6.7	3.7	4.3	7.3	5.5
PLANTATION	6.0	6.3	3.7	5.3	7.7	5.8	BAR FA 1CR7	7.0	6.3	3.3	3.3	7.3	5.5
PST-5KU	5.0	7.0	5.3	4.7	7.0	5.8	GO-FL3	6.0	7.0	3.3	4.0	6.7	5.4
ATF 799	5.0	6.3	4.3	6.0	7.3	5.8	JT-6	5.3	6.3	4.7	4.0	6.7	5.4
PST-53T	5.0	7.0	6.0	3.7	7.0	5.7	JTTFF-2000	5.0	6.7	3.7	4.0	7.7	5.4
TRACER	5.0	6.7	4.7	5.3	7.0	5.7	PROSPECT	5.0	6.7	4.0	4.7	6.7	5.4
BARLEXAS II	6.0	6.3	4.3	4.7	7.3	5.7	ENDEAVOR	5.0	6.7	4.0	3.7	7.3	5.3
BARRERA	5.3	6.3	4.7	5.3	7.0	5.7	MRF 211	5.7	6.3	4.7	3.3	6.7	5.3
FOCUS	5.3	6.7	5.3	4.3	7.0	5.7	BAR FA 1003	5.3	5.7	4.3	4.3	7.0	5.3
JT-13	6.0	6.0	5.0	4.7	6.7	5.7	DAYTONA (MRF 23)	6.3	6.0	3.0	4.0	7.3	5.3
ATF 702	5.3	6.0	5.0	5.0	7.0	5.7	TOMAHAWK RT	5.3	6.3	3.3	4.3	7.3	5.3
EA 163	5.0	5.7	5.3	5.0	7.3	5.7	TEMPEST	5.7	6.7	3.7	3.0	7.0	5.2
PURE GOLD	5.0	6.3	4.3	5.3	7.3	5.7	COYOTE	5.0	6.3	3.3	4.0	7.0	5.1
T991	5.7	7.0	4.3	4.0	7.3	5.7	ATF 704	5.0	5.7	3.0	4.0	7.7	5.1
ATF-803	5.7	6.7	5.0	3.3	7.3	5.6	FALCON II	5.0	6.3	3.3	3.7	7.0	5.1
DP 50-9226	5.3	6.7	4.7	4.0	7.3	5.6	ATF 707	5.0	7.0	3.3	2.7	7.0	5.0
JT-18	6.0	6.3	5.0	4.7	6.0	5.6	GO-RD4	5.0	6.7	3.3	3.0	7.0	5.0
MRF 26	6.7	6.3	4.3	3.7	7.0	5.6	GO-SIU2	5.0	6.7	2.7	3.7	6.7	4.9
MRF 29	6.0	6.7	4.0	4.3	7.0	5.6	SOUTH PAW (MRF 24)	5.0	6.3	3.0	3.7	6.7	4.9
NA-TDD	6.3	6.7	4.7	3.3	7.0	5.6	SOUTHERN CHOICE II	5.0	6.0	2.7	4.0	7.0	4.9
SIGNIA	6.0	5.7	5.3	4.0	7.0	5.6	DP 50-9082	5.3	6.3	4.3	1.7	6.7	4.9
SRX 805	5.7	7.0	4.3	4.0	7.0	5.6	BONSAI	5.3	5.7	2.7	3.7	6.3	4.7
COVENANT (ATF 802)	5.3	6.3	4.7	4.0	7.3	5.5	KY-31 E+	4.0	5.7	1.0	2.0	7.0	3.9
BARRINGTON	5.7	6.0	5.3	3.3	7.3	5.5							
BRAVO	6.3	6.0	4.3	4.0	7.0	5.5	LSO VALUE	1.3	1.1	1.7	1.7	0.9	0.6
DOMINION	5.7	6.3	4.7	4.0	7.0	5.5	C.V. (%)	14.5	10.5	20.0	21.8	7.9	14.6

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

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

TABLE 20.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	IN1	KY1	MO1	TX1	MEAN	NAME	IL2	IN1	KY1	MO1	TX1	MEAN
OLYMPIC GOLD	89.0	93.3	93.7	60.0	99.0	87.0	ROBERTS SM4	85.3	88.3	96.3	58.3	83.3	82.3
ELISA	94.0	95.3	97.7	60.0	86.3	86.7	WATCHDOG	87.0	88.3	84.3	61.7	90.0	82.3
KO1-WAF	91.3	93.7	90.0	65.0	93.0	86.6	PST-5T1	92.0	86.7	90.7	58.3	83.3	82.2
INFERNO (JT-99)	91.0	93.3	94.0	66.7	86.7	86.3	TULSA II (ATF 706)	85.7	86.7	86.7	68.3	83.3	82.1
WOLFPACK	86.3	90.0	93.0	65.0	96.0	86.1	ATF 704	86.0	83.3	92.3	61.7	86.7	82.0
PLANTATION	92.7	92.0	96.3	58.3	89.7	85.8	KITTY HAWK 2000	90.3	86.7	75.0	65.0	93.0	82.0
RENDITION	90.7	93.3	80.0	71.7	93.0	85.7	PICK-00-AFA	89.7	93.3	93.7	50.0	83.3	82.0
STETSON	88.7	86.7	93.7	68.3	90.0	85.5	REBEL EXEDA	93.3	93.3	76.7	60.0	86.7	82.0
BARRINGTON	92.3	88.3	97.3	61.7	86.7	85.3	ATF-803	86.7	86.7	93.0	63.3	80.0	81.9
BARLEXAS II	93.3	93.3	94.3	58.3	83.3	84.5	REBEL SENTRY	89.7	95.0	83.3	65.0	76.7	81.9
CONSTITUTION (ATF-593)	89.0	91.7	94.3	60.0	86.7	84.3	PROSPECT	88.3	91.7	79.0	66.7	83.3	81.8
ENDEAVOR	91.3	88.3	96.7	55.0	90.0	84.3	TEMPEST	90.7	88.3	94.7	48.3	86.3	81.7
SCORPION	89.7	93.3	93.3	61.7	83.3	84.3	CIS-TF-67	90.7	90.0	79.7	55.0	92.7	81.6
DOMINION	90.7	90.0	84.7	68.3	86.7	84.1	JUSTICE (RB2-01)	87.7	88.3	90.0	58.3	83.3	81.5
GO-FL3	91.0	91.7	87.7	63.3	86.7	84.1	FORTE (BE-2)	92.3	90.0	78.0	66.7	80.0	81.4
TITANIUM (SBM)	90.0	91.7	92.0	60.0	86.7	84.1	FINELAWN ELITE (DLSD)	91.7	88.3	83.0	56.7	86.7	81.3
R-4	90.3	93.3	91.7	68.3	76.7	84.1	UT-155	88.7	85.0	96.0	46.7	89.7	81.2
BRAVO	88.7	90.7	99.0	58.3	83.3	84.0	SOUTH PAW (MRF 24)	90.0	88.3	89.7	56.7	80.0	80.9
BLACKWATCH (PICK-0D3-01)	89.7	93.7	92.3	56.7	86.7	83.8	SR 8600	90.0	91.7	96.0	50.0	76.7	80.9
FOCUS	89.7	90.0	84.0	65.0	90.0	83.7	LARAMIE	83.7	91.7	84.0	55.0	89.7	80.8
PST-57E	93.0	88.7	92.3	55.0	89.7	83.7	PROSEEDS 5301	92.3	88.3	91.7	51.7	80.0	80.8
CAYENNE	87.7	90.0	95.7	58.3	86.7	83.7	TAR HEEL II (PST-5TR1)	86.3	90.0	91.0	53.3	83.3	80.8
DYNASTY	84.3	88.3	90.7	61.7	93.0	83.6	MRF 27	85.7	91.7	89.7	56.7	80.0	80.7
LANCER	92.3	88.3	91.0	60.0	86.3	83.6	PST-53T	85.7	90.0	87.7	60.0	80.0	80.7
MILLENNIUM	92.7	90.7	90.7	63.3	80.0	83.5	GUARDIAN-21 (ROBERTS DOL)	93.0	86.7	81.7	51.7	90.0	80.6
REMBRANDT	95.3	90.3	83.0	58.3	90.0	83.4	CAS-MC1	87.3	90.0	91.0	56.7	76.7	80.3
DAVINCI (LTP-7801)	86.7	91.7	93.0	61.7	83.3	83.3	KALAHARI	84.3	90.0	95.7	55.0	76.7	80.3
BARLEXAS	87.0	90.0	87.7	61.7	89.7	83.2	PADRE (NJ4)	88.0	86.7	85.0	55.0	86.7	80.3
SOUTHERN CHOICE II	90.7	90.0	93.7	55.0	86.7	83.2	UT-RB3	86.3	86.7	94.7	50.0	83.3	80.2
BARRERA	90.7	91.7	99.0	48.3	86.3	83.2	PICK ZMG	82.7	83.3	91.7	50.0	93.0	80.1
PST-5S12	92.3	85.0	94.0	55.0	89.7	83.2	ATF 702	88.3	88.3	81.7	61.7	80.0	80.0
MAGELLAN (OD-4)	91.7	85.0	93.7	55.0	90.0	83.1	EA 163	84.7	86.7	89.0	53.3	86.3	80.0
AVENGER (L1Z)	85.0	90.0	90.3	63.3	86.7	83.1	MRF 25	92.0	90.0	75.0	50.0	93.0	80.0
BILTMORE	91.0	90.0	90.7	56.7	86.7	83.0	FALCON II	91.7	88.3	81.3	51.7	86.7	79.9
2ND MILLENNIUM	90.3	90.0	85.7	61.7	86.7	82.9	KO1-E09	85.7	86.7	87.3	53.3	86.7	79.9
TAR HEEL	89.3	93.3	88.3	56.7	86.7	82.9	BONSAI	80.7	86.7	95.7	63.3	73.3	79.9
SILVERSTAR (PST-5ASR)	84.7	88.3	91.7	63.3	86.3	82.9	TRACER	86.7	88.3	91.0	46.7	86.7	79.9
SILVERADO II (PST-578)	86.0	90.0	94.3	56.7	86.7	82.7	TAHOE (CAS-157)	87.0	88.3	92.3	51.7	80.0	79.9
TOMAHAWK RT	92.3	86.7	88.0	60.0	86.7	82.7	PICK TF H-97	86.7	88.3	81.0	60.0	83.3	79.9
TF66	89.0	86.7	95.3	55.0	86.7	82.5	MA 127	88.3	85.0	87.3	51.7	86.7	79.8
FALCON IV (F-4)	91.0	86.7	93.0	58.3	83.3	82.5	ATF-800	84.3	85.0	85.7	60.0	83.3	79.7
FIVE POINT (MCN-RC)	88.7	92.3	91.3	63.3	76.7	82.5	COVENANT (ATF 802)	86.0	86.7	88.0	50.0	86.7	79.5
NA-TDD	87.7	86.7	91.0	60.0	86.7	82.4	CIS-TF-65	92.3	90.0	70.0	61.7	83.3	79.5
TITAN LTD.	84.0	91.7	89.7	60.0	86.7	82.4	PST-5KI	87.7	86.7	73.3	60.0	89.7	79.5
COCHISE III (018)	90.0	90.3	83.3	65.0	83.3	82.4	BAR FA 1003	85.0	90.0	80.0	61.7	80.0	79.3

TABLE 20.
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	IN1	KY1	M01	TX1	MEAN	NAME	IL2	IN1	KY1	M01	TX1	MEAN
COYOTE	82.7	90.0	89.0	48.3	86.7	79.3	PST-5JM	83.3	86.7	77.3	53.3	86.7	77.5
WYATT	80.3	90.0	83.3	53.3	89.7	79.3	MRF 26	82.0	88.3	81.7	58.3	76.7	77.4
ATF 707	90.0	90.0	91.3	41.7	83.3	79.3	FINESSE II	87.7	90.0	75.7	56.7	76.7	77.3
DAYTONA (MRF 23)	81.3	93.3	94.3	46.7	80.0	79.1	PST-5BAB	85.0	86.7	83.3	51.7	80.0	77.3
GRANDE II	87.3	90.0	85.0	53.3	80.0	79.1	JT-15	84.0	85.0	89.7	50.0	76.7	77.1
MRF 29	87.0	86.7	93.3	48.3	80.0	79.1	BAR FA 1CR7	86.3	81.7	85.7	50.0	80.0	76.7
KY-31 E+	94.7	91.7	73.3	51.7	83.3	78.9	PST-5A1	79.3	85.0	85.3	50.0	83.3	76.6
QUEST	85.3	91.7	94.0	46.7	76.7	78.9	GO-SIU2	88.0	85.0	75.0	48.3	86.3	76.5
O1-TFOR3	88.0	90.0	88.0	45.0	83.3	78.9	MRF 28	78.7	86.7	80.7	56.7	80.0	76.5
PICASSO	88.0	90.0	87.0	45.0	83.3	78.7	GO-RD4	87.3	90.0	71.7	50.0	83.3	76.5
LEGITIMATE	90.3	80.0	76.7	56.7	89.3	78.6	BAR FA 1005	87.0	88.3	80.0	43.3	83.3	76.4
MA 138	90.3	86.7	90.7	48.3	76.7	78.5	DLF-J210	90.3	86.7	73.3	45.0	86.3	76.3
MUSTANG 3	89.0	88.3	71.7	60.0	83.3	78.5	CIS-TF-60	85.0	85.0	81.3	50.0	80.0	76.3
MASTERPIECE	92.0	86.7	70.0	60.0	83.3	78.4	CIS-TF-77	87.3	88.3	70.0	55.0	80.0	76.1
MATADOR	86.3	93.3	77.3	51.7	83.3	78.4	CIS-TF-64	85.0	86.7	83.3	51.7	73.3	76.0
DP 50-9082	76.0	81.7	87.3	63.3	83.3	78.3	PST-DDL	89.7	88.3	80.0	41.7	80.0	75.9
SIGNIA	86.3	90.0	77.3	51.7	86.3	78.3	JT-9	85.0	88.3	82.7	46.7	76.7	75.9
SR 8250	82.0	88.3	91.3	46.7	83.3	78.3	JT-13	86.0	86.7	73.3	60.0	73.3	75.9
B-7001	85.7	90.0	80.7	48.3	86.7	78.3	BINGO	88.7	86.7	70.0	46.7	86.7	75.7
SR 8550 (SRX 8BE4)	87.3	88.3	92.3	43.3	80.0	78.3	GREMLIN (P-58)	89.3	83.3	74.0	55.0	76.7	75.7
RAPTOR (CIS-TF-33)	87.0	88.3	85.7	50.0	80.0	78.2	JT-6	88.7	86.7	73.3	50.0	76.7	75.1
ATF 799	85.0	88.3	72.3	61.7	83.3	78.1	O1-RUTOR2	87.3	86.7	75.0	48.3	76.7	74.8
PST-5BZ	82.3	87.0	93.0	45.0	83.3	78.1	MRF 211	86.7	83.3	81.7	46.7	73.3	74.3
ATF 586	88.3	91.7	60.0	63.3	86.7	78.0	PURE GOLD	80.0	89.0	69.0	53.3	80.0	74.3
O1-ORU1	83.7	86.7	89.7	46.7	83.0	77.9	DP 50-9226	86.0	78.3	66.7	60.0	80.0	74.2
GO-OD2	88.0	81.7	85.0	51.7	83.3	77.9	SRX 805	85.0	86.7	76.3	41.7	80.0	73.9
BE1	90.0	88.3	78.0	50.0	83.3	77.9	PST-5FZD	87.3	88.3	58.3	58.3	76.7	73.8
K01-8007	88.3	83.3	80.7	63.3	73.3	77.8	JTTFF-2000	86.7	85.0	68.3	45.0	80.0	73.0
MRF 210	83.0	86.7	84.0	55.0	80.0	77.7	JT-12	85.7	85.0	71.7	45.0	76.7	72.8
PST-5L0	89.0	86.7	75.0	51.7	86.3	77.7	MA 158	84.0	85.0	68.3	50.0	76.7	72.8
ATF 806	86.7	90.0	76.7	51.7	83.3	77.7	T991	84.0	88.3	55.0	53.3	83.3	72.8
PST-5TU0	80.3	86.7	91.3	50.0	80.0	77.7	PST-5KU	85.3	83.3	70.0	43.3	80.0	72.4
CAS-ED	85.3	88.3	78.0	50.0	86.3	77.6	JT-18	80.0	86.7	76.7	38.3	80.0	72.3
PST-5NAS	91.3	88.3	75.0	46.7	86.7	77.6							
K01-8015	84.3	88.3	86.7	48.3	80.0	77.5	LSD VALUE	9.5	8.2	18.3	16.6	12.4	6.1
JAGUAR 3	83.0	88.3	87.7	45.0	83.3	77.5	C.V. (%)	6.7	5.8	13.4	18.8	9.2	10.6
K01-E03	87.3	88.3	80.0	48.3	83.3	77.5							

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 21.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	MI2	MO1	TX1	MEAN	NAME	AR1	MI2	MO1	TX1	MEAN
TITAN LTD.	89.7	99.0	91.7	99.0	94.8	TITANIUM (SBM)	76.7	99.0	86.7	99.0	90.3
FALCON II	90.0	99.0	86.7	99.0	93.7	T991	85.0	99.0	78.3	99.0	90.3
MILLENNIUM	86.7	99.0	91.7	96.0	93.3	ELISA	74.7	99.0	88.3	99.0	90.3
ATF-800	85.0	99.0	90.0	99.0	93.3	BAR FA 1003	80.0	99.0	88.3	93.0	90.1
REBEL EXEDA	81.3	99.0	93.3	99.0	93.2	REMBRANDT	71.7	97.7	91.7	99.0	90.0
PST-5A1	93.3	96.0	86.7	96.0	93.0	2ND MILLENNIUM	71.7	99.0	90.0	99.0	89.9
KO1-WAF	86.7	99.0	86.7	99.0	92.8	ATF 704	66.7	99.0	95.0	99.0	89.9
ENDEAVOR	80.0	99.0	91.7	99.0	92.4	CAS-MC1	76.7	99.0	85.0	99.0	89.9
SR 8250	86.7	99.0	85.0	99.0	92.4	GUARDIAN-21 (ROBERTS DOL)	76.7	99.0	85.0	99.0	89.9
RENDITION	83.3	99.0	88.3	99.0	92.4	MAGELLAN (OD-4)	75.0	99.0	86.7	99.0	89.9
KY-31 E+	86.7	99.0	86.7	96.0	92.1	WOLFPACK	70.0	99.0	91.7	99.0	89.9
B-7001	83.3	99.0	86.7	99.0	92.0	BINGO	78.3	99.0	83.3	99.0	89.9
DOMINION	78.3	99.0	91.7	99.0	92.0	SCORPION	78.3	99.0	83.3	99.0	89.9
PLANTATION	85.0	99.0	85.0	99.0	92.0	PICK ZMG	80.0	98.7	81.7	99.0	89.8
SILVERSTAR (PST-5ASR)	78.3	99.0	91.7	99.0	92.0	JUSTICE (RB2-01)	71.7	99.0	91.7	96.0	89.6
TAR HEEL	81.7	99.0	88.3	99.0	92.0	EA 163	78.3	99.0	85.0	96.0	89.6
NA-TDD	90.0	98.7	80.0	99.0	91.9	MA 138	80.0	99.0	83.3	96.0	89.6
SOUTHERN CHOICE II	85.0	98.7	85.0	99.0	91.9	BAR FA 1CR7	80.0	99.0	80.0	99.0	89.5
JT-9	93.3	99.0	81.7	93.0	91.8	DAVINCI (LTP-7801)	68.3	99.0	91.7	99.0	89.5
MASTERPIECE	83.3	99.0	88.3	96.0	91.7	GO-OD2	75.0	99.0	85.0	99.0	89.5
MRF 26	83.3	99.0	88.3	96.0	91.7	PADRE (NJ4)	73.3	99.0	86.7	99.0	89.5
FINELAWN ELITE (DLSD)	81.7	99.0	86.7	99.0	91.6	GO-SIU2	76.7	99.0	88.3	93.0	89.3
JAGUAR 3	75.0	99.0	93.3	99.0	91.6	LEGITIMATE	80.0	97.7	83.3	96.0	89.3
OLYMPIC GOLD	80.0	99.0	88.3	99.0	91.6	BRAVO	71.7	99.0	90.0	96.0	89.2
TOMAHAWK RT	80.0	99.0	88.3	99.0	91.6	GO-FL3	66.7	99.0	95.0	96.0	89.2
PST-5JM	85.0	98.7	83.3	99.0	91.5	MRF 28	76.7	99.0	85.0	96.0	89.2
STETSON	83.3	98.7	85.0	99.0	91.5	DAYTONA (MRF 23)	78.3	99.0	83.3	96.0	89.2
MUSTANG 3	78.3	99.0	91.7	96.0	91.3	PROSPECT	71.7	99.0	86.7	99.0	89.1
PST-53T	85.0	99.0	85.0	96.0	91.3	WATCHDOG	66.7	99.0	91.7	99.0	89.1
GO-RD4	83.3	99.0	83.3	99.0	91.2	DLF-J210	78.3	99.0	80.0	99.0	89.1
SIGNIA	83.3	99.0	83.3	99.0	91.2	TULSA II (ATF 706)	68.3	99.0	90.0	99.0	89.1
PST-5S12	81.3	99.0	85.0	99.0	91.1	MRF 27	81.7	99.0	81.7	93.0	88.8
PROSEEDS 5301	81.7	99.0	86.7	96.0	90.8	INFERNO (JT-99)	75.0	99.0	88.3	93.0	88.8
ROBERTS SM4	90.0	89.3	85.0	99.0	90.8	MRF 210	78.3	99.0	85.0	93.0	88.8
BE1	81.7	99.0	83.3	99.0	90.8	R-4	78.3	99.0	85.0	93.0	88.8
RAPTOR (CIS-TF-33)	76.7	99.0	88.3	99.0	90.8	CAYENNE	78.3	99.0	81.7	96.0	88.8
SILVERADO II (PST-578)	80.0	99.0	85.0	99.0	90.8	CIS-TF-67	71.7	99.0	88.3	96.0	88.8
TAR HEEL II (PST-5TR1)	76.7	99.0	88.3	99.0	90.8	JT-12	75.0	99.0	85.0	96.0	88.8
WYATT	80.0	98.7	85.0	99.0	90.7	FIVE POINT (MCN-RC)	76.7	99.0	83.3	96.0	88.8
PICASSO	86.7	97.7	81.7	96.0	90.5	PURE GOLD	75.0	99.0	85.0	96.0	88.8
BILTMORE	80.0	97.7	85.0	99.0	90.4	BARLEXAS	66.7	99.0	90.0	99.0	88.7
FORTE (BE-2)	71.7	99.0	95.0	96.0	90.4	PST-5KI	70.0	99.0	86.7	99.0	88.7
JT-6	83.3	98.7	86.7	93.0	90.4	COYOTE	78.3	99.0	78.3	99.0	88.7
TEMPEST	85.0	99.0	81.7	96.0	90.4	FOCUS	68.3	99.0	88.3	99.0	88.7
ATF-803	76.7	99.0	86.7	99.0	90.3	PST-5T1	73.3	97.7	86.7	96.0	88.4

TABLE 21. (CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	MI2	MO1	TX1	MEAN	NAME	AR1	MI2	MO1	TX1	MEAN
TF66	80.0	97.7	80.0	96.0	88.4	PST-5KU	73.3	99.0	76.7	96.0	86.3
ATF 702	76.7	99.0	81.7	96.0	88.3	CIS-TF-60	70.0	99.0	85.0	90.0	86.0
01-TFOR3	80.0	99.0	78.3	96.0	88.3	JT-18	71.7	99.0	80.0	93.0	85.9
BARLEXAS II	68.3	99.0	90.0	96.0	88.3	JT-15	68.3	99.0	83.3	93.0	85.9
MA 127	73.3	99.0	85.0	96.0	88.3	BLACKWATCH (PICK-0D3-01)	61.7	99.0	86.7	96.0	85.8
PST-5NAS	83.3	99.0	75.0	96.0	88.3	UT-RB3	65.0	99.0	80.0	99.0	85.8
COCHISE III (018)	68.3	99.0	86.7	99.0	88.3	BARRERA	63.3	97.7	85.0	96.0	85.5
PST-5BZ	70.0	99.0	85.0	99.0	88.3	PST-5L0	70.0	99.0	80.0	92.7	85.4
CAS-ED	80.0	98.7	75.0	99.0	88.2	TRACER	75.0	97.7	70.0	99.0	85.4
AVENGER (L1Z)	68.3	94.3	90.0	99.0	87.9	MRF 29	60.0	99.0	83.3	99.0	85.3
REBEL SENTRY	68.3	99.0	88.3	96.0	87.9	CIS-TF-77	66.7	99.0	81.7	93.0	85.1
SR 8600	78.3	99.0	78.3	96.0	87.9	PST-DDL	65.0	99.0	80.0	96.0	85.0
ATF 799	65.0	99.0	88.3	99.0	87.8	SOUTH PAW (MRF 24)	61.7	99.0	83.3	96.0	85.0
CIS-TF-65	68.3	99.0	86.7	96.0	87.5	PST-5TU0	63.3	99.0	83.3	93.0	84.7
FALCON IV (F-4)	66.7	99.0	88.3	96.0	87.5	COVENANT (ATF 802)	61.7	97.7	80.0	99.0	84.6
LARAMIE	68.3	94.3	88.3	99.0	87.5	MRF 211	65.0	99.0	83.3	90.0	84.3
PST-5FZD	66.7	99.0	88.3	96.0	87.5	CIS-TF-64	60.0	99.0	85.0	93.0	84.3
JT-13	73.3	99.0	83.3	93.0	87.2	DP 50-9226	56.7	99.0	85.0	96.0	84.2
ATF 707	65.0	97.7	86.7	99.0	87.1	K01-E03	55.0	99.0	83.3	99.0	84.1
CONSTITUTION (ATF-593)	68.3	99.0	85.0	96.0	87.1	PST-57E	58.3	98.7	80.0	99.0	84.0
BONSAI	65.0	99.0	88.3	96.0	87.1	ATF 806	60.0	99.0	80.0	96.0	83.8
GRANDE II	73.3	99.0	80.0	96.0	87.1	DP 50-9082	51.7	99.0	88.3	96.0	83.8
PICK-00-AFA	71.7	94.3	83.3	99.0	87.1	KITTY HAWK 2000	60.0	89.3	86.7	99.0	83.8
BAR FA 1005	68.3	99.0	81.7	99.0	87.0	UT-155	65.0	99.0	71.7	99.0	83.7
KALAHARI	65.0	99.0	85.0	99.0	87.0	K01-8007	66.7	96.0	81.7	89.7	83.5
MATADOR	65.0	97.7	88.3	96.0	86.8	SR 8550 (SRX 8BE4)	60.0	99.0	81.7	93.0	83.4
BARRINGTON	63.3	99.0	85.0	99.0	86.6	K01-E09	56.7	99.0	81.7	96.0	83.3
LANCER	65.0	99.0	83.3	99.0	86.6	MRF 25	55.0	96.0	83.3	99.0	83.3
PST-5BAB	65.0	99.0	83.3	99.0	86.6	DYNASTY	50.0	92.7	90.0	99.0	82.9
ATF 586	60.0	98.7	88.3	99.0	86.5	PICK TF H-97	55.0	96.0	81.7	99.0	82.9
MA 158	73.3	97.7	78.3	96.0	86.3	K01-8015	56.7	99.0	81.7	93.0	82.6
GREMLIN (P-58)	65.0	99.0	88.3	93.0	86.3	JTFFF-2000	50.0	99.0	83.3	96.0	82.1
QUEST	73.3	99.0	80.0	93.0	86.3	SRX 805	61.7	99.0	71.7	96.0	82.1
01-ORU1	68.3	99.0	81.7	96.0	86.3						
01-RUTOR2	66.7	99.0	83.3	96.0	86.3	LSD VALUE	32.6	4.1	10.7	6.0	8.8
TAHOE (CAS-157)	63.3	99.0	86.7	96.0	86.3	C.V. (%)	27.7	2.6	7.8	3.8	12.3
FINESSE II	60.0	99.0	90.0	96.0	86.3						

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 22.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	IA1	IN1	MI2	MO1	MEAN	NAME	AR1	IA1	IN1	MI2	MO1	MEAN
INFERNO (JT-99)	88.3	53.3	46.7	96.0	96.0	76.1	PST-5S12	80.0	46.7	36.7	91.3	94.7	69.9
KO1-WAF	81.7	48.3	56.7	94.7	96.0	75.5	FALCON II	80.0	46.7	46.7	80.0	95.7	69.8
WOLFPACK	88.0	46.7	48.3	91.3	97.3	74.3	ATF-800	80.0	40.0	48.3	83.0	97.3	69.7
PST-5BZ	85.0	43.3	48.3	96.3	97.3	74.1	01-TFOR3	81.7	41.7	40.0	91.3	93.3	69.6
GO-FL3	86.7	56.7	45.0	81.7	98.3	73.7	PST-57E	75.0	51.7	43.3	84.7	93.3	69.6
PST-5FZD	96.0	43.3	40.0	91.7	97.0	73.6	PICK-00-AFA	78.3	43.3	40.0	91.7	94.3	69.5
OLYMPIC GOLD	83.3	50.0	45.0	93.3	96.0	73.5	MRF 210	84.7	38.3	41.7	86.7	96.0	69.5
COCHISE III (018)	76.7	55.0	46.7	91.7	94.3	72.9	STETSON	84.7	41.7	36.7	90.0	94.3	69.5
ENDEAVOR	86.7	43.3	41.7	95.0	97.3	72.8	JT-12	86.7	36.7	33.3	93.3	97.0	69.4
LANCER	85.0	55.0	35.0	91.7	96.0	72.5	MUSTANG 3	76.7	38.3	38.3	95.0	98.0	69.3
TAR HEEL	80.0	50.0	53.3	81.7	96.3	72.3	KALAHARI	88.3	40.0	40.0	83.0	95.0	69.3
2ND MILLENNIUM	81.7	46.7	38.3	96.3	98.0	72.2	PST-5KU	78.3	53.3	33.3	88.0	93.3	69.3
PLANTATION	80.0	45.0	50.0	91.7	94.3	72.2	CAYENNE	76.3	40.0	41.7	94.7	93.3	69.2
R-4	76.7	46.7	46.7	96.3	94.3	72.1	FOCUS	81.7	45.0	38.3	83.3	97.0	69.1
TITAN LTD.	78.3	45.0	55.0	85.0	97.0	72.1	SR 8600	80.0	43.3	38.3	91.7	91.7	69.0
ATF 704	80.0	41.7	46.7	93.0	98.3	71.9	ATF 702	83.3	38.3	38.3	91.3	93.7	69.0
QUEST	81.7	50.0	46.7	86.7	94.3	71.9	BINGO	83.3	41.7	31.7	93.0	95.3	69.0
DAVINCI (LTP-7801)	80.0	48.3	41.7	91.7	97.3	71.8	GUARDIAN-21 (ROBERTS DOL)	88.0	33.3	41.7	84.7	97.3	69.0
DOMINION	76.7	56.7	38.3	88.3	98.7	71.7	MILLENNIUM	85.0	46.7	43.3	71.7	98.0	68.9
PST-5T1	85.0	43.3	38.3	96.0	96.0	71.7	SCORPION	85.0	45.0	43.3	78.0	93.3	68.9
BRAVO	78.3	40.0	53.3	90.0	97.0	71.7	GO-RD4	85.0	40.0	38.3	85.0	96.0	68.9
CAS-MC1	88.0	38.3	46.7	92.7	92.7	71.7	BAR FA 1003	83.3	36.7	41.7	86.7	96.0	68.9
CONSTITUTION (ATF-593)	81.7	46.7	36.7	99.0	94.3	71.7	BE1	81.7	38.3	41.7	86.7	96.0	68.9
BLACKWATCH (PICK-0D3-01)	80.0	46.7	43.3	91.7	96.0	71.5	GO-0D2	83.3	35.0	35.0	95.0	96.0	68.9
ATF 586	81.7	36.7	48.3	91.7	98.0	71.3	PROSPECT	76.7	41.7	41.7	88.3	96.0	68.9
PST-5NAS	90.0	38.3	43.3	95.0	89.7	71.3	MRF 26	83.3	36.7	40.0	86.3	97.0	68.7
SILVERADO II (PST-578)	86.3	45.0	41.7	88.0	95.0	71.2	TEMPEST	80.0	41.7	41.7	86.7	93.3	68.7
MRF 25	76.7	48.3	46.7	90.0	93.7	71.1	MRF 29	85.0	33.3	40.0	89.7	95.0	68.6
FALCON IV (F-4)	85.0	50.0	40.0	83.0	97.0	71.0	PICK ZMG	78.3	41.7	40.0	88.3	94.7	68.6
JUSTICE (RB2-01)	80.0	46.7	40.0	91.3	97.0	71.0	BILTMORE	75.0	40.0	50.0	83.3	94.3	68.5
TITANIUM (SBM)	78.3	48.3	45.0	86.0	97.0	70.9	MATADOR	80.0	36.7	40.0	90.0	96.0	68.5
FINESSE II	88.0	46.7	36.7	84.7	98.0	70.8	FINELAWN ELITE (DLSD)	80.0	35.0	40.0	91.3	96.0	68.5
TAR HEEL II (PST-5TR1)	81.7	40.0	41.7	93.3	97.0	70.7	PST-5KI	81.7	36.7	48.3	79.7	96.0	68.5
AVENGER (L1Z)	86.3	38.3	40.0	91.3	97.0	70.6	SOUTH PAW (MRF 24)	81.7	35.0	33.3	96.3	96.0	68.5
MASTERPIECE	88.3	41.7	36.7	89.7	96.3	70.5	BARLEXAS	78.3	41.7	46.7	78.3	97.0	68.4
JAGUAR 3	78.3	38.3	40.0	97.7	98.0	70.5	RAPTOR (CIS-TF-33)	83.3	38.3	41.7	81.7	97.0	68.4
FIVE POINT (MCN-RC)	88.0	45.0	46.7	79.7	92.7	70.4	BARLEXAS II	71.7	46.7	38.3	88.0	97.0	68.3
REBEL EXEDA	78.3	41.7	41.7	91.3	98.0	70.2	DLF-J210	81.7	41.7	38.3	88.3	91.7	68.3
WYATT	83.3	45.0	38.3	88.3	96.0	70.2	SRX 805	76.7	51.7	38.3	84.7	90.0	68.3
B-7001	81.7	45.0	35.0	93.0	96.0	70.1	TULSA II (ATF 706)	73.3	38.3	45.0	86.7	98.0	68.3
SOUTHERN CHOICE II	83.3	40.0	40.0	91.3	96.0	70.1	CIS-TF-67	86.7	41.7	35.0	81.7	96.0	68.2
PST-5A1	86.3	41.7	36.7	88.3	97.3	70.1	REMBRANDT	89.7	33.3	40.0	80.0	98.0	68.2
LARAMIE	83.3	38.3	41.7	89.7	97.0	70.0	RENDITION	78.3	35.0	41.7	90.0	96.0	68.2
ELISA	73.3	35.0	63.3	81.7	96.0	69.9	TOMAHAWK RT	75.0	43.3	31.7	94.7	96.3	68.2
PADRE (NJ4)	83.3	40.0	40.0	91.0	95.0	69.9	JT-13	76.7	40.0	35.0	93.0	96.0	68.1

TABLE 22.
(CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	IA1	IN1	MI2	MO1	MEAN	NAME	AR1	IA1	IN1	MI2	MO1	MEAN
MRF 211	81.7	45.0	33.3	83.3	97.0	68.1	BARRERA	80.0	35.0	36.7	81.7	94.3	65.5
FORTE (BE-2)	76.7	35.0	41.7	88.3	98.3	68.0	LEGITIMATE	80.0	48.3	36.7	68.3	94.3	65.5
SR 8250	73.3	53.3	35.0	83.3	95.0	68.0	PST-5TU0	76.7	36.7	36.7	83.3	94.3	65.5
JT-9	80.0	33.3	36.7	93.3	96.0	67.9	ATF 707	75.0	40.0	40.0	75.0	97.0	65.4
PST-53T	78.3	36.7	35.0	93.3	96.0	67.9	REBEL SENTRY	76.7	36.7	41.7	75.0	97.0	65.4
UT-RB3	86.3	41.7	41.7	76.3	93.3	67.9	MA 138	81.7	41.7	35.0	73.3	95.0	65.3
KY-31 E+	83.3	40.0	48.3	73.3	93.7	67.7	UT-155	63.3	41.7	45.0	86.7	90.0	65.3
01-RUTOR2	81.7	40.0	35.0	88.3	93.3	67.7	PICK TF H-97	60.0	45.0	36.7	90.0	95.0	65.3
TF66	73.3	38.3	41.7	89.7	95.3	67.7	MA 158	78.3	41.7	33.3	81.7	91.3	65.3
PST-5L0	85.0	41.7	33.3	84.7	93.3	67.6	PST-DDL	78.3	38.3	41.7	73.0	95.0	65.3
CIS-TF-60	85.0	45.0	30.0	81.7	94.3	67.2	DP 50-9226	70.0	41.7	30.0	88.3	96.0	65.2
ATF-803	75.0	38.3	40.0	85.0	97.3	67.1	TAHOE (CAS-157)	70.0	31.7	36.7	91.3	96.0	65.1
SILVERSTAR (PST-5ASR)	76.7	38.3	35.0	88.3	97.3	67.1	K01-E09	76.7	38.3	36.7	78.3	94.3	64.9
KITTY HAWK 2000	85.0	43.3	35.0	75.0	97.0	67.1	GO-SIU2	80.0	43.3	36.7	66.7	97.0	64.7
JT-6	78.3	35.0	36.7	88.3	97.0	67.1	SIGNIA	85.0	38.3	35.0	73.3	92.0	64.7
MAGELLAN (OD-4)	80.0	35.0	41.7	83.3	95.3	67.1	COYOTE	81.7	33.3	38.3	78.3	91.7	64.7
PROSEEDS 5301	76.7	45.0	35.0	83.3	95.0	67.0	NA-TDD	80.0	38.3	31.7	81.7	91.0	64.5
PURE GOLD	76.7	40.0	38.3	84.7	95.3	67.0	DAYTONA (MRF 23)	78.3	35.0	45.0	68.3	95.0	64.3
BAR FA 1005	81.7	31.7	38.3	89.7	93.3	66.9	BARRINGTON	65.0	36.7	36.7	89.7	93.3	64.3
K01-8007	66.7	50.0	36.7	88.3	93.0	66.9	ATF 799	73.3	35.0	36.7	76.3	96.3	63.5
T991	80.0	30.0	38.3	93.0	93.3	66.9	DYNASTY	83.3	31.7	35.0	70.0	97.3	63.5
WATCHDOG	80.0	36.7	40.0	80.0	98.0	66.9	GREMLIN (P-58)	79.7	36.7	36.7	70.0	93.3	63.3
BAR FA 1CR7	80.0	33.3	38.3	88.3	94.3	66.9	COVENANT (ATF 802)	61.7	35.0	38.3	88.3	91.0	62.9
EA 163	76.7	35.0	36.7	89.7	96.0	66.8	BONSAI	65.0	38.3	46.7	68.3	95.7	62.8
CIS-TF-65	75.0	38.3	36.7	88.3	95.0	66.7	JT-18	76.7	31.7	30.0	83.0	91.0	62.5
K01-8015	71.7	35.0	38.3	93.3	95.0	66.7	PICASSO	83.3	36.7	36.7	63.0	92.7	62.5
ROBERTS SM4	83.3	36.7	40.0	76.7	96.0	66.5	CIS-TF-64	76.7	33.3	38.3	68.3	95.0	62.3
CIS-TF-77	76.7	36.7	35.0	88.3	95.3	66.4	CAS-ED	76.7	38.3	35.0	75.0	86.0	62.2
GRANDE II	90.0	41.7	33.3	76.3	90.0	66.3	K01-E03	78.3	30.0	31.7	73.3	96.0	61.9
MRF 27	71.7	43.3	38.3	83.3	94.3	66.2	JTTFF-2000	70.0	30.0	35.0	81.3	92.7	61.8
01-ORU1	78.3	40.0	31.7	86.3	94.3	66.1	TRACER	75.0	36.7	36.7	73.3	86.7	61.7
SR 8550 (SRX 8BE4)	75.0	35.0	38.3	86.7	95.0	66.0	JT-15	75.0	23.3	36.7	79.7	92.7	61.5
MRF 28	71.7	36.7	40.0	85.0	96.0	65.9	ATF 806	58.3	33.3	40.0	76.7	94.7	60.6
PST-5BAB	85.0	35.0	38.3	76.3	94.3	65.8							
DP 50-9082	70.0	45.0	36.7	80.0	97.0	65.7	LSD VALUE	15.7	16.1	12.0	23.4	6.0	7.0
MA 127	65.0	41.7	35.0	91.7	95.3	65.7	C.V. (%)	12.3	24.6	18.7	17.0	3.9	14.3
PST-5JM	86.7	26.7	38.3	81.3	95.0	65.6							

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

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

TABLE 23.

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MA1	OK1	TX1	WA3	MEAN	NAME	MA1	OK1	TX1	WA3	MEAN
BINGO	7.7	5.0	8.0	7.7	7.1	MUSTANG 3	7.0	4.0	7.3	7.3	6.4
ATF 702	7.3	4.7	7.7	7.7	6.8	REBEL SENTRY	6.7	4.3	7.3	7.3	6.4
NA-TDD	6.7	4.7	8.0	8.0	6.8	SRX 805	6.3	4.7	7.3	7.3	6.4
CIS-TF-65	7.3	5.0	7.7	7.3	6.8	TEMPEST	6.7	4.3	7.3	7.3	6.4
CIS-TF-60	6.7	5.0	7.0	8.3	6.8	TRACER	6.3	4.3	7.7	7.3	6.4
KO1-E03	7.3	4.7	8.0	7.0	6.8	CIS-TF-64	6.7	4.3	7.7	6.7	6.3
2ND MILLENNIUM	7.0	4.0	8.0	7.7	6.7	FINESSE II	6.7	4.0	7.7	7.0	6.3
KALAHARI	7.7	4.3	7.7	7.0	6.7	PROSEEDS 5301	6.7	3.3	7.7	7.7	6.3
MA 138	7.0	4.0	7.7	8.0	6.7	PST-57E	6.7	4.0	8.0	6.7	6.3
PICASSO	6.3	5.0	7.7	7.7	6.7	ATF 799	5.3	4.0	8.0	8.0	6.3
T991	6.7	4.7	8.0	7.3	6.7	BAR FA 1005	6.3	4.3	7.3	7.3	6.3
B-7001	7.3	4.7	7.3	7.3	6.7	BARRINGTON	6.0	4.3	7.7	7.3	6.3
MRF 210	6.3	4.7	7.7	7.7	6.6	CIS-TF-67	6.0	4.3	7.7	7.3	6.3
JAGUAR 3	7.3	4.7	7.3	7.0	6.6	GO-SIU2	6.3	4.7	7.3	7.0	6.3
JUSTICE (RB2-01)	7.0	4.3	7.7	7.3	6.6	INFERNO (JT-99)	7.0	3.0	8.0	7.3	6.3
LEGITIMATE	7.3	4.7	7.3	7.0	6.6	LANCER	6.0	4.3	7.7	7.3	6.3
FIVE POINT (MCN-RC)	6.7	4.7	7.7	7.3	6.6	MILLENNIUM	7.0	3.7	7.7	7.0	6.3
UT-RB3	6.7	4.7	7.7	7.3	6.6	MRF 211	6.3	4.3	7.3	7.3	6.3
O1-ORU1	7.0	4.0	7.7	7.3	6.5	PICK-00-AFA	6.3	4.3	7.7	7.0	6.3
COYOTE	7.0	4.3	7.7	7.0	6.5	PST-5JM	6.3	4.3	7.7	7.0	6.3
DOMINION	6.3	4.7	8.0	7.0	6.5	R-4	6.7	4.0	7.3	7.3	6.3
GO-0D2	6.3	4.7	8.0	7.0	6.5	ROBERTS SM4	6.0	4.7	7.3	7.3	6.3
JT-13	6.3	4.3	7.7	7.7	6.5	TITANIUM (SBM)	7.0	3.7	8.0	6.7	6.3
MRF 29	6.0	4.3	7.7	8.0	6.5	SOUTHERN CHOICE II	6.3	4.3	7.3	7.3	6.3
PADRE (NJ4)	6.3	4.7	8.0	7.0	6.5	CONSTITUTION (ATF-593)	6.7	4.0	7.7	6.7	6.3
RAPTOR (CIS-TF-33)	6.0	4.7	8.0	7.3	6.5	ENDEAVOR	6.0	4.7	7.7	6.7	6.3
SILVERSTAR (PST-5ASR)	7.0	4.7	7.3	7.0	6.5	GUARDIAN-21 (ROBERTS DOL)	6.7	4.0	7.7	6.7	6.3
ATF 707	6.0	4.7	7.7	7.3	6.4	TAR HEEL II (PST-5TR1)	6.0	4.7	7.7	6.7	6.3
FORTE (BE-2)	6.7	4.7	7.3	7.0	6.4	ATF 704	6.7	3.7	7.7	7.0	6.3
JT-15	6.7	4.7	7.0	7.3	6.4	ATF 806	6.7	4.3	7.3	6.7	6.3
KO1-WAF	7.0	4.0	7.7	7.0	6.4	BARLEXAS	6.3	4.3	7.7	6.7	6.3
KITTY HAWK 2000	6.0	4.0	8.0	7.7	6.4	TAHOE (CAS-157)	6.3	4.0	7.7	7.0	6.3
MRF 25	6.0	4.0	8.0	7.7	6.4	CAYENNE	6.3	4.0	8.0	6.7	6.3
PROSPECT	6.3	4.7	7.7	7.0	6.4	JT-12	6.7	4.0	7.3	7.0	6.3
PST-53T	7.3	3.7	7.7	7.0	6.4	LARAMIE	6.3	3.7	7.7	7.3	6.3
PST-5A1	7.0	4.0	7.7	7.0	6.4	MAGELLAN (OD-4)	6.0	4.0	7.7	7.3	6.3
PST-5T1	6.3	4.3	7.3	7.7	6.4	MATADOR	7.0	3.3	7.7	7.0	6.3
SR 8250	6.7	4.7	7.3	7.0	6.4	MRF 26	5.7	4.3	7.3	7.7	6.3
BRAVO	6.7	4.3	7.3	7.3	6.4	MRF 28	6.3	3.7	7.7	7.3	6.3
CAS-MC1	6.3	4.3	8.0	7.0	6.4	OLYMPIC GOLD	7.0	3.7	7.7	6.7	6.3
FALCON IV (F-4)	6.3	4.0	8.0	7.3	6.4	PICK ZMG	6.0	4.0	8.0	7.0	6.3
FALCON II	6.7	4.3	7.3	7.3	6.4	PST-5FZD	7.0	3.7	7.3	7.0	6.3
MA 158	6.3	4.7	7.3	7.3	6.4	PST-5NAS	6.3	4.3	7.7	6.7	6.3
MASTERPIECE	6.0	5.3	7.3	7.0	6.4	PST-5TUO	5.7	4.3	7.3	7.7	6.3
						SOUTH PAW (MRF 24)	6.3	4.3	7.3	7.0	6.3

TABLE 23. (CONT'D)

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	MA1	OK1	TX1	WA3	MEAN	NAME	MA1	OK1	TX1	WA3	MEAN
SR 8550 (SRX 8BE4)	7.0	3.7	7.3	7.0	6.3	JT-18	6.0	4.0	7.3	7.0	6.1
STETSON	6.0	4.7	8.0	6.3	6.3	JT-9	5.7	4.0	7.3	7.3	6.1
O1-RUTOR2	6.3	4.3	7.0	7.3	6.3	K01-8015	6.7	3.3	7.3	7.0	6.1
ATF-803	6.0	4.3	7.3	7.3	6.3	PST-5BAB	5.7	4.3	7.0	7.3	6.1
BAR FA 1003	6.0	4.3	7.3	7.3	6.3	PST-5BZ	6.0	4.3	7.3	6.7	6.1
CIS-TF-77	6.0	4.3	7.3	7.3	6.3	PURE GOLD	7.3	3.7	7.3	6.0	6.1
DAVINCI (LTP-7801)	6.0	3.7	8.0	7.3	6.3	REBEL EXEDA	6.0	4.0	7.3	7.0	6.1
FINELAWN ELITE (DLSD)	7.0	3.7	8.0	6.3	6.3	WYATT	6.3	4.0	7.3	6.7	6.1
BARLEXAS II	5.7	4.3	7.7	7.0	6.2	CAS-ED	5.0	4.0	8.0	7.0	6.0
BILTMORE	6.3	3.7	8.0	6.7	6.2	DLF-J210	5.7	4.0	7.0	7.3	6.0
DYNASTY	6.7	3.7	7.7	6.7	6.2	EA 163	5.3	3.3	7.7	7.7	6.0
MA 127	5.7	3.7	8.0	7.3	6.2	GO-RD4	5.7	4.0	7.3	7.0	6.0
GREMLIN (P-58)	6.3	4.0	7.7	6.7	6.2	RENDITION	6.3	3.3	7.7	6.7	6.0
PICK TF H-97	7.0	3.7	7.3	6.7	6.2	SIGNIA	5.7	3.7	7.7	7.0	6.0
PST-5S12	6.0	4.3	7.7	6.7	6.2	SILVERADO II (PST-578)	6.0	3.7	7.3	7.0	6.0
QUEST	5.7	4.0	7.7	7.3	6.2	SR 8600	6.3	4.0	7.0	6.7	6.0
REMBRANDT	5.3	4.3	7.3	7.7	6.2	BLACKWATCH (PICK-0D3-01)	5.3	4.0	7.3	7.3	6.0
SCORPION	6.3	4.3	7.3	6.7	6.2	PLANTATION	5.7	3.3	8.0	6.7	5.9
TULSA II (ATF 706)	5.3	4.0	7.7	7.7	6.2	PST-5KI	5.0	4.0	7.7	7.0	5.9
UT-155	5.7	4.0	7.7	7.3	6.2	PST-5L0	6.0	3.7	7.3	6.7	5.9
BARRERA	6.3	4.0	7.3	7.0	6.2	PST-DDL	5.7	4.0	7.7	6.3	5.9
ELISA	6.3	4.0	7.3	7.0	6.2	WOLFPACK	5.7	3.7	7.7	6.7	5.9
FOCUS	6.0	3.7	8.0	7.0	6.2	DP 50-9226	5.0	4.3	7.3	7.0	5.9
GRANDE II	6.0	4.3	7.3	7.0	6.2	TOMAHAWK RT	5.3	4.0	7.3	7.0	5.9
MRF 27	6.0	4.3	7.0	7.3	6.2	GO-FL3	5.0	4.3	7.0	7.0	5.8
PST-5KU	6.0	3.7	8.0	7.0	6.2	JTTFF-2000	6.0	3.7	7.0	6.7	5.8
O1-TFOR3	5.7	4.0	7.7	7.0	6.1	TAR HEEL	6.0	4.0	7.0	6.3	5.8
AVENGER (L1Z)	6.7	3.0	7.7	7.0	6.1	TITAN LTD.	5.7	3.3	7.3	7.0	5.8
BE1	7.0	3.3	7.3	6.7	6.1	BONSAI	5.7	3.7	7.0	6.7	5.8
COCHISE III (018)	6.7	3.0	7.7	7.0	6.1	K01-8007	5.3	4.0	7.0	6.3	5.7
JT-6	5.7	4.0	7.0	7.7	6.1	TF66	5.0	4.3	7.3	6.0	5.7
K01-E09	5.7	4.3	7.7	6.7	6.1	WATCHDOG	5.0	3.0	8.0	6.3	5.6
ATF 586	6.0	3.7	8.0	6.7	6.1	DP 50-9082	5.7	3.7	7.0	5.7	5.5
COVENANT (ATF 802)	6.0	3.7	7.7	7.0	6.1	KY-31 E+	4.3	4.7	7.0	6.0	5.5
ATF-800	5.7	3.7	7.7	7.3	6.1						
BAR FA 1CR7	5.3	4.3	7.7	7.0	6.1	LSD VALUE	1.7	1.1	0.8	0.9	0.6
DAYTONA (MRF 23)	6.0	4.0	7.0	7.3	6.1	C.V. (%)	16.6	16.3	6.5	8.1	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 24. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	VA1	NAME	VA1
AVENGER (L1Z)	7.0	01-ORU1	5.3
GO-OD2	7.0	ATF 704	5.3
BLACKWATCH (PICK-OD3-01)	6.7	ATF-803	5.3
GO-RD4	6.7	BILTMORE	5.3
ATF 799	6.3	JT-12	5.3
ATF 806	6.3	JT-15	5.3
BE1	6.3	K01-E03	5.3
CIS-TF-77	6.3	PROSEEDS 5301	5.3
PST-5T1	6.3	PST-5A1	5.3
TEMPEST	6.3	PST-5BAB	5.3
B-7001	6.0	SOUTH PAW (MRF 24)	5.3
BINGO	6.0	WYATT	5.3
FINELAWN ELITE (DLSD)	6.0	ATF 586	5.0
DP 50-9226	6.0	ATF-800	5.0
GO-SIU2	6.0	BAR FA 1003	5.0
PICASSO	6.0	BARRERA	5.0
PROSPECT	6.0	CIS-TF-60	5.0
PST-5BZ	6.0	DYNASTY	5.0
R-4	6.0	ELISA	5.0
SOUTHERN CHOICE II	6.0	GRANDE II	5.0
01-RUTOR2	5.7	JT-9	5.0
TAHOE (CAS-157)	5.7	JUSTICE (RB2-01)	5.0
CAS-MC1	5.7	MASTERPIECE	5.0
CIS-TF-67	5.7	MRF 211	5.0
DAYTONA (MRF 23)	5.7	MRF 25	5.0
DLF-J210	5.7	MRF 27	5.0
FALCON IV (F-4)	5.7	OLYMPIC GOLD	5.0
FALCON II	5.7	PADRE (NJ4)	5.0
GO-FL3	5.7	PICK TF H-97	5.0
KALAHARI	5.7	PST-5L0	5.0
KY-31 E+	5.7	SILVERSTAR (PST-5ASR)	5.0
GREMLIN (P-58)	5.7	SR 8250	5.0
PICK ZMG	5.7	TITANIUM (SBM)	5.0
PICK-00-AFA	5.7	TULSA II (ATF 706)	5.0
PLANTATION	5.7	2ND MILLENNIUM	4.7
PST-57E	5.7	BAR FA 1005	4.7
PST-SKI	5.7	BARRINGTON	4.7
PST-5KU	5.7	DAVINCI (LTP-7801)	4.7
RAPTOR (CIS-TF-33)	5.7	EA 163	4.7
REBEL EXEDA	5.7	GUARDIAN-21 (ROBERTS DOL)	4.7
REMBRANDT	5.7	INFERNO (JT-99)	4.7
RENDITION	5.7	K01-8007	4.7
SR 8600	5.7	MA 138	4.7
WATCHDOG	5.7	MRF 210	4.7
		MRF 26	4.7

TABLE 24. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2002 DATA

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

NAME	VA1	NAME	VA1
MRF 28	4.7	KITTY HAWK 2000	4.0
MRF 29	4.7	MILLENNIUM	4.0
PST-5S12	4.7	PST-5FZD	4.0
PST-5TU0	4.7	PST-5JM	4.0
PST-DDL	4.7	REBEL SENTRY	4.0
QUEST	4.7	ROBERTS SM4	4.0
SILVERADO II (PST-578)	4.7	SR 8550 (SRX 8BE4)	4.0
TAR HEEL	4.7	STETSON	4.0
TITAN LTD.	4.7	TF66	4.0
UT-RB3	4.7	ATF 702	3.7
WOLFPACK	4.7	CAS-ED	3.7
ATF 707	4.3	CIS-TF-65	3.7
BARLEXAS	4.3	COCHISE III (018)	3.7
BONSAI	4.3	FOCUS	3.7
BRAVO	4.3	K01-8015	3.7
CAYENNE	4.3	K01-E09	3.7
JT-6	4.3	MATADOR	3.7
JTTF-2000	4.3	PURE GOLD	3.7
LEGITIMATE	4.3	01-TFOR3	3.3
MA 127	4.3	BARLEXAS II	3.3
MA 158	4.3	DOMINION	3.3
FIVE POINT (MCN-RC)	4.3	FINESSE II	3.3
PST-53T	4.3	JAGUAR 3	3.3
PST-5NAS	4.3	JT-13	3.3
SCORPION	4.3	JT-18	3.3
SRX 805	4.3	LARAMIE	3.3
TAR HEEL II (PST-5TR1)	4.3	MAGELLAN (OD-4)	3.3
UT-155	4.3	MUSTANG 3	3.3
COVENANT (ATF 802)	4.0	SIGNIA	3.3
BAR FA 1CR7	4.0	T991	3.3
CIS-TF-64	4.0	TOMAHAWK RT	3.3
CONSTITUTION (ATF-593)	4.0	TRACER	3.0
COYOTE	4.0	LANCER	2.7
DP 50-9082	4.0	NA-TDD	2.7
ENDEAVOR	4.0		
FORTE (BE-2)	4.0	LSD VALUE	2.6
K01-WAF	4.0	C.V. (%)	33.9

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 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2002 DATA

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

NAME	AR1	IL2	IN1	OK1	VA1	WI1	MEAN
KY-31 E+	8.0	5.7	8.7	7.0	8.7	8.0	7.7
TITANIUM (SBM)	7.0	6.3	8.0	8.0	7.7	8.3	7.6
PST-5KI	6.3	5.7	8.3	7.7	8.3	8.3	7.4
PST-5S12	7.3	5.7	8.3	7.0	8.7	7.7	7.4
CAYENNE	7.0	6.0	8.3	7.7	7.7	7.7	7.4
MUSTANG 3	7.0	5.7	8.3	7.7	7.7	8.0	7.4
PST-5A1	8.7	4.3	7.7	7.7	8.0	8.0	7.4
BAR FA 1003	7.3	4.7	8.0	7.3	8.3	8.7	7.4
ENDEAVOR	7.3	4.7	8.3	7.0	8.3	8.3	7.3
SOUTHERN CHOICE II	7.7	6.0	8.0	6.7	7.3	8.3	7.3
FINELAWN ELITE (DLS)	7.3	5.7	6.7	7.3	8.3	8.7	7.3
FORTE (BE-2)	6.3	6.3	8.7	6.0	8.3	8.3	7.3
JT-6	7.7	6.3	7.3	7.0	7.3	8.3	7.3
ROBERTS SM4	8.3	4.7	8.7	6.7	7.3	8.3	7.3
RENDITION	7.7	4.0	8.3	6.7	8.7	8.3	7.3
O1-ORU1	6.3	6.3	9.0	6.3	7.3	8.3	7.3
MILLENNIUM	8.0	4.7	7.7	6.7	8.0	8.7	7.3
R-4	7.0	5.0	8.0	7.0	8.7	8.0	7.3
SILVERSTAR (PST-5ASR)	7.0	5.0	8.3	6.7	8.0	8.7	7.3
GUARDIAN-21 (ROBERTS DOL)	6.7	6.0	8.7	7.0	7.0	8.0	7.2
PICASSO	8.0	5.0	8.0	7.0	7.3	8.0	7.2
PST-5JM	7.7	4.7	7.7	7.0	8.0	8.3	7.2
BILTMORE	7.3	5.0	6.7	7.0	8.3	8.7	7.2
CIS-TF-77	6.0	6.0	8.0	7.0	8.0	8.0	7.2
DOMINION	7.0	4.0	8.7	6.3	8.7	8.3	7.2
GO-RD4	7.7	4.7	8.7	6.7	7.3	8.0	7.2
JT-9	8.7	4.3	8.0	6.7	7.3	8.0	7.2
MAGELLAN (OD-4)	6.7	4.3	8.7	7.3	8.0	8.0	7.2
SIGNIA	7.7	3.7	8.7	6.7	8.3	8.0	7.2
NA-TDD	8.0	5.0	7.3	7.0	7.0	8.7	7.2
TAR HEEL II (PST-5TR1)	7.0	4.3	7.0	7.7	8.3	8.3	7.1
CIS-TF-67	6.3	6.0	8.0	6.7	8.0	7.7	7.1
OLYMPIC GOLD	7.0	4.3	8.0	7.3	8.3	7.7	7.1
REBEL EXEDA	7.3	4.3	8.0	7.0	8.0	8.0	7.1
REMBRANDT	6.7	5.3	7.3	7.7	7.7	8.0	7.1
TAR HEEL	7.3	4.3	8.0	6.7	8.0	8.3	7.1
BE1	7.7	4.7	8.3	6.3	7.3	8.0	7.1
KO1-WAF	8.0	4.7	7.7	7.0	7.0	8.0	7.1
PLANTATION	7.7	3.7	8.0	6.7	8.3	8.0	7.1
PROSEEDS 5301	7.7	5.3	8.0	6.7	6.3	8.3	7.1
PROSPECT	6.7	3.3	8.3	7.3	8.7	8.0	7.1
PST-5LO	6.0	5.3	7.7	6.7	8.0	8.7	7.1
TF66	7.3	4.7	8.3	6.3	7.3	8.3	7.1
SILVERADO II (PST-578)	7.3	4.3	7.7	7.0	8.0	8.0	7.1

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2002 DATA

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

NAME	AR1	IL2	IN1	OK1	VA1	WI1	MEAN
ATF 799	5.7	7.0	8.0	6.0	7.0	8.3	7.0
GO-SIU2	7.0	5.0	8.3	6.3	7.0	8.3	7.0
MASTERPIECE	7.7	5.7	7.0	7.0	7.3	7.3	7.0
ATF-800	7.7	4.7	8.0	7.0	6.0	8.7	7.0
CAS-MC1	7.0	4.7	7.3	7.0	7.7	8.3	7.0
DLF-J210	7.0	4.7	8.7	7.0	6.7	8.0	7.0
GREMLIN (P-58)	6.0	4.3	8.0	7.0	8.3	8.3	7.0
PST-5T1	6.7	5.0	7.7	6.7	8.0	8.0	7.0
RAPTOR (CIS-TF-33)	7.0	4.3	8.0	7.0	7.7	8.0	7.0
PST-53T	8.0	5.0	7.3	7.0	6.0	8.7	7.0
O1-RUTOR2	6.0	5.0	8.3	6.3	8.0	8.0	6.9
ATF-803	7.0	4.7	7.7	7.0	7.0	8.3	6.9
COCHISE III (018)	6.0	5.0	7.7	6.7	8.0	8.3	6.9
KO1-8015	5.0	6.7	7.3	7.0	7.3	8.3	6.9
KALAHARI	5.7	5.7	8.0	6.3	7.7	8.3	6.9
PADRE (NJ4)	6.7	5.7	8.3	6.3	6.3	8.3	6.9
BAR FA 1CR7	7.3	6.0	7.3	6.3	6.0	8.7	6.9
BARRERA	5.7	5.3	7.7	7.3	7.7	8.0	6.9
FOCUS	6.0	6.3	7.3	6.3	7.7	8.0	6.9
MA 138	7.0	5.3	7.3	6.7	7.3	8.0	6.9
PST-5NAS	7.3	6.0	8.0	6.0	6.3	8.0	6.9
SR 8600	7.0	4.3	8.3	6.3	7.7	8.0	6.9
BLACKWATCH (PICK-0D3-01)	5.7	4.0	8.3	7.0	8.3	8.0	6.9
CIS-TF-60	6.3	4.0	8.7	6.7	7.7	8.0	6.9
DAVINCI (LTP-7801)	6.3	4.7	7.7	7.3	7.0	8.3	6.9
FALCON II	8.0	4.7	7.3	6.7	6.7	8.0	6.9
GO-0D2	7.0	5.0	7.7	6.7	7.0	8.0	6.9
JAGUAR 3	6.7	5.0	8.0	6.3	7.0	8.3	6.9
JUSTICE (RB2-01)	6.3	5.0	7.7	6.3	7.7	8.3	6.9
PICK-00-AFA	6.7	4.0	7.3	6.7	8.0	8.7	6.9
BINGO	7.0	4.3	8.0	7.0	7.0	8.0	6.9
FALCON IV (F-4)	6.0	4.3	8.0	7.0	8.0	8.0	6.9
2ND MILLENNIUM	6.3	4.7	7.0	6.7	8.0	8.3	6.8
INFERNO (JT-99)	6.7	4.0	7.3	6.7	8.3	8.0	6.8
PST-5FZD	6.0	4.0	7.3	7.0	8.3	8.3	6.8
TITAN LTD.	8.0	4.3	7.3	6.3	7.7	7.3	6.8
UT-RB3	6.0	4.0	7.7	7.7	7.0	8.7	6.8
PST-57E	5.0	5.7	8.0	6.7	7.3	8.0	6.8
PST-5KU	6.7	4.0	7.0	6.7	8.0	8.3	6.8
QUEST	6.3	5.3	7.7	6.7	7.3	7.3	6.8
SOUTH PAW (MRF 24)	5.3	5.3	7.7	6.7	7.3	8.3	6.8
ATF 704	6.0	5.7	8.0	6.3	6.7	8.0	6.8
B-7001	7.7	4.3	7.3	6.0	7.3	8.0	6.8
BAR FA 1005	6.0	4.3	8.0	7.0	8.0	7.3	6.8
BARLEXAS	6.0	4.3	8.3	6.7	7.7	7.7	6.8

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2002 DATA

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

NAME	AR1	IL2	IN1	OK1	VA1	WI1	MEAN
CAS-ED	7.3	5.0	7.3	6.3	6.3	8.3	6.8
COYOTE	7.0	3.7	7.3	7.0	7.0	8.7	6.8
TEMPEST	7.7	3.3	8.0	7.0	6.7	8.0	6.8
K01-E03	4.7	5.0	8.7	6.0	8.3	7.7	6.7
K01-E09	5.0	5.0	8.0	6.7	7.7	8.0	6.7
PST-5BAB	5.7	2.3	8.7	7.0	8.3	8.3	6.7
TRACER	6.7	3.7	8.0	6.7	7.0	8.3	6.7
UT-155	5.7	5.0	8.0	7.3	6.3	8.0	6.7
WATCHDOG	6.0	3.0	8.3	7.3	7.7	8.0	6.7
CIS-TF-65	6.3	7.0	7.3	6.3	5.0	8.3	6.7
CONSTITUTION (ATF-593)	6.0	4.0	7.3	7.0	7.3	8.7	6.7
MA 127	6.7	5.3	7.0	6.3	7.0	8.0	6.7
FIVE POINT (MCN-RC)	7.0	3.7	7.3	6.3	8.3	7.7	6.7
BARLEXAS II	6.3	5.3	8.0	6.7	5.0	8.7	6.7
DAYTONA (MRF 23)	7.0	4.0	8.0	6.7	6.0	8.3	6.7
DYNASTY	4.3	5.0	7.7	7.3	7.7	8.0	6.7
WYATT	7.3	3.3	7.7	6.0	7.7	8.0	6.7
AVENGER (L1Z)	6.0	3.3	7.7	6.7	8.0	8.0	6.6
GRANDE II	6.7	4.7	7.7	6.7	6.0	8.0	6.6
JT-18	6.7	3.3	7.7	6.7	7.0	8.3	6.6
O1-TFOR3	7.3	4.0	7.0	6.0	7.0	8.3	6.6
JT-15	6.0	4.3	7.7	6.3	7.0	8.3	6.6
MATADOR	5.7	4.7	8.0	6.3	7.3	7.7	6.6
MRF 25	5.0	3.7	8.0	7.3	7.3	8.3	6.6
SCORPION	7.0	3.3	8.0	6.7	7.0	7.7	6.6
BRAVO	6.3	3.7	7.7	6.7	7.7	7.3	6.6
PICK ZMG	7.3	2.7	7.3	6.7	7.0	8.3	6.6
T991	7.7	5.0	7.7	5.7	5.0	8.3	6.6
TULSA II (ATF 706)	6.0	4.3	6.7	6.0	8.0	8.3	6.6
REBEL SENTRY	6.3	3.0	8.3	6.7	6.3	8.7	6.6
SR 8250	8.0	3.7	8.0	6.7	5.3	7.7	6.6
TOMAHAWK RT	7.3	6.7	6.0	5.0	6.3	8.0	6.6
WOLFPACK	6.3	2.3	8.3	7.3	7.0	8.0	6.6
ATF 702	6.7	5.0	7.3	5.7	6.0	8.3	6.5
BARRINGTON	5.3	4.0	7.0	6.7	7.7	8.3	6.5
TAHOE (CAS-157)	5.7	4.0	7.3	5.7	7.7	8.7	6.5
JT-12	6.7	3.3	8.0	6.3	6.3	8.3	6.5
MA 158	6.7	3.7	8.0	6.7	6.0	8.0	6.5
MRF 27	7.3	3.3	8.0	6.0	6.7	7.7	6.5
STETSON	7.7	4.0	6.7	6.3	6.3	8.0	6.5
LARAMIE	6.0	3.3	8.0	6.7	6.3	8.3	6.4
PST-5TU0	5.7	3.7	7.3	6.7	7.0	8.3	6.4
MRF 26	7.7	3.3	7.0	6.3	6.7	7.7	6.4
ATF 586	5.3	5.3	7.3	5.7	6.7	8.0	6.4
ATF 806	5.0	4.7	6.7	6.0	8.3	7.7	6.4

TABLE 25. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2002 DATA

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

NAME	AR1	IL2	IN1	OK1	VA1	WI1	MEAN
EA 163	7.0	4.0	7.0	6.0	5.7	8.7	6.4
MRF 28	7.0	3.0	7.7	7.0	5.3	8.3	6.4
DP 50-9226	5.0	3.7	8.0	7.3	6.0	8.3	6.4
KITTY HAWK 2000	5.3	4.0	7.3	7.0	7.0	7.7	6.4
LEGITIMATE	7.3	4.3	7.0	6.7	5.0	8.0	6.4
PST-5BZ	6.3	3.3	6.7	6.7	7.3	8.0	6.4
ATF 707	6.0	5.3	7.7	6.0	5.0	8.0	6.3
LANCER	5.7	5.0	7.0	7.3	5.3	7.7	6.3
PURE GOLD	7.0	3.3	8.0	6.0	6.0	7.3	6.3
GO-FL3	5.7	3.7	8.3	7.0	5.3	7.7	6.3
MRF 210	7.0	2.0	7.3	7.0	6.3	8.0	6.3
SRX 805	5.3	4.0	8.3	6.3	6.0	7.7	6.3
JT-13	6.7	4.0	7.3	6.0	5.0	8.3	6.2
FINESSE II	5.3	4.3	7.0	6.3	6.7	7.7	6.2
ELISA	6.7	3.3	7.0	5.0	7.3	7.7	6.2
K01-8007	6.0	5.3	5.7	7.0	4.7	8.0	6.1
SR 8550 (SRX 8BE4)	5.3	4.7	7.3	6.3	4.7	8.3	6.1
PICK TF H-97	4.7	3.0	7.7	6.3	7.0	7.7	6.1
COVENANT (ATF 802)	5.7	3.3	7.0	7.0	5.3	8.0	6.1
MRF 29	5.3	3.0	8.3	6.7	4.7	8.0	6.0
MRF 211	5.7	3.7	8.0	6.0	4.3	8.0	5.9
PST-DDL	5.7	4.0	6.3	6.0	5.7	8.0	5.9
JTTFF-2000	4.0	4.3	6.7	6.3	6.7	7.3	5.9
BONSAI	5.7	4.3	7.0	4.0	6.0	6.7	5.6
CIS-TF-64	5.0	4.3	5.7	6.0	4.7	7.3	5.5
DP 50-9082	4.3	2.7	6.7	5.3	4.7	7.7	5.2
LSD VALUE	3.3	3.3	1.5	1.6	2.4	0.9	1.0
C.V. (%)	31.3	45.8	12.1	15.1	21.4	6.7	21.7

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 26. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
2002 DATA

NAME	IL1	KS2	MA1	NC1	OK1	TX3	UT1	WA1	MEAN
FALCON II	65.0	66.7	66.7	97.3	78.3	75.0	94.7	73.3	77.1
KY-31 E+	66.7	61.7	73.3	94.3	86.7	80.0	83.3	66.7	76.6
GO-FL3	80.0	58.3	66.7	93.3	85.0	75.0	83.3	70.0	76.5
ELISA	73.3	61.7	63.3	96.3	80.0	81.7	81.7	66.7	75.6
ENDEAVOR	73.3	45.0	63.3	95.7	83.3	76.7	80.0	78.3	74.5
ATF 704	70.0	50.0	60.0	94.0	78.3	75.0	90.0	66.7	73.0
FOCUS	68.3	43.3	66.7	89.3	78.3	76.7	83.3	73.3	72.4
DLF-J210	66.7	45.0	60.0	92.7	78.3	68.3	89.7	78.3	72.4
JUSTICE (RB2-01)	53.3	51.7	70.0	95.3	81.7	63.3	91.7	71.7	72.3
PICK-00-AFA	63.3	46.7	63.3	89.3	76.7	78.3	81.3	78.3	72.2
BE1	56.7	46.7	66.7	93.0	80.0	71.7	90.0	71.7	72.0
GO-RD4	63.3	60.0	60.0	90.0	78.3	78.3	78.3	66.7	71.9
PROSPECT	66.7	46.7	60.0	93.3	78.3	68.3	86.7	75.0	71.9
BLACKWATCH (PICK-OD3-01)	68.3	45.0	70.0	96.0	76.7	71.7	75.0	71.7	71.8
STETSON	61.7	55.0	66.7	94.3	75.0	65.0	90.0	66.7	71.8
BARLEXAS	63.3	51.7	60.0	95.7	73.3	70.0	88.0	71.7	71.7
WOLFPACK	71.7	45.0	60.0	97.0	83.3	71.7	73.3	71.7	71.7
LARAMIE	60.0	58.3	63.3	94.0	76.7	71.7	80.0	68.3	71.5
DOMINION	75.0	50.0	63.3	93.3	75.0	70.0	81.7	63.3	71.5
PLANTATION	70.0	46.7	66.7	85.0	75.0	73.3	86.7	68.3	71.5
TAR HEEL	70.0	46.7	66.7	89.7	81.7	73.3	78.3	65.0	71.4
EA 163	65.0	43.3	60.0	87.7	80.0	76.7	91.7	66.7	71.4
TOMAHAWK RT	75.0	43.3	60.0	92.7	78.3	76.7	91.7	53.3	71.4
WYATT	66.7	46.7	63.3	91.0	78.3	71.7	88.3	65.0	71.4
PST-DDL	75.0	40.0	60.0	87.3	78.3	65.0	90.0	75.0	71.3
DAVINCI (LTP-7801)	56.7	48.3	66.7	88.3	78.3	78.3	91.7	61.7	71.3
RENDITION	75.0	43.3	66.7	91.0	80.0	70.0	81.7	61.7	71.2
BILTMORE	70.0	45.0	63.3	97.3	76.7	68.3	88.0	60.0	71.1
PST-5A1	65.0	48.3	56.7	93.7	80.0	70.0	80.0	75.0	71.1
JAGUAR 3	56.7	45.0	60.0	90.7	78.3	66.7	96.3	75.0	71.1
BARLEXAS II	70.0	50.0	66.7	92.7	76.7	75.0	76.7	60.0	71.0
MA 138	75.0	41.7	56.7	91.7	78.3	76.7	78.3	68.3	70.8
TAR HEEL II (PST-5TR1)	76.7	45.0	60.0	84.3	80.0	73.3	76.7	70.0	70.8
TITANIUM (SBM)	71.7	46.7	63.3	91.0	81.7	68.3	73.3	70.0	70.8
PROSEEDS 5301	73.3	45.0	56.7	88.3	75.0	73.3	78.3	75.0	70.6
SILVERADO II (PST-578)	66.7	43.3	56.7	91.7	76.7	66.7	95.0	68.3	70.6
SOUTHERN CHOICE II	61.7	43.3	56.7	96.7	80.0	76.7	85.0	65.0	70.6
OLYMPIC GOLD	66.7	55.0	60.0	94.3	81.7	66.7	63.3	76.7	70.5
LEGITIMATE	75.0	38.3	60.0	88.3	75.0	73.3	81.3	71.7	70.4
KITTY HAWK 2000	73.3	43.3	63.3	84.0	76.7	68.3	93.0	60.0	70.3
MILLENNIUM	65.0	53.3	60.0	97.0	75.0	71.7	78.3	61.7	70.3
SR 8550 (SRX 8BE4)	63.3	43.3	63.3	91.7	76.7	68.3	86.3	68.3	70.2
K01-WAF	65.0	46.7	60.0	96.0	78.3	75.0	73.3	66.7	70.1
SILVERSTAR (PST-5ASR)	63.3	36.7	63.3	93.0	80.0	63.3	89.7	70.0	69.9
TITAN LTD.	70.0	50.0	60.0	92.7	76.7	68.3	84.7	56.7	69.9

TABLE 26.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
2002 DATA

NAME	IL1	KS2	MA1	NC1	OK1	TX3	UT1	WA1	MEAN
INFERNO (JT-99)	60.0	45.0	66.7	95.3	78.3	63.3	83.3	66.7	69.8
SR 8600	75.0	38.3	60.0	87.3	78.3	61.7	91.3	66.7	69.8
AVENGER (L1Z)	63.3	53.3	66.7	91.7	83.3	73.3	63.0	63.3	69.8
R-4	65.0	50.0	66.7	90.0	78.3	73.3	69.7	65.0	69.8
DYNASTY	65.0	48.3	56.7	90.0	76.7	71.7	85.0	63.3	69.6
MASTERPIECE	70.0	45.0	63.3	86.7	75.0	71.7	86.7	58.3	69.6
PICASSO	58.3	46.7	56.7	91.7	78.3	70.0	81.7	73.3	69.6
FIVE POINT (MCN-RC)	63.3	43.3	66.7	93.0	76.7	71.7	88.3	53.3	69.5
CAS-MC1	63.3	43.3	56.7	93.0	76.7	73.3	78.0	71.7	69.5
TEMPEST	66.7	48.3	63.3	90.0	76.7	66.7	76.7	66.7	69.4
2ND MILLENNIUM	61.7	43.3	60.0	88.3	76.7	75.0	75.0	75.0	69.4
JT-18	61.7	38.3	63.3	91.7	73.3	70.0	85.0	71.7	69.4
LANCER	60.0	50.0	60.0	94.3	75.0	71.7	76.3	66.7	69.3
MRF 27	70.0	43.3	60.0	83.3	76.7	68.3	86.7	65.0	69.2
PST-57E	71.7	43.3	63.3	93.3	76.7	65.0	73.3	66.7	69.2
ATF 702	65.0	51.7	63.3	86.3	75.0	65.0	85.0	62.0	69.2
MUSTANG 3	70.0	36.7	63.3	93.3	80.0	65.0	75.0	70.0	69.2
PST-5JM	71.7	40.0	66.7	86.7	75.0	73.3	80.0	60.0	69.2
PST-5BZ	65.0	40.0	60.0	92.7	75.0	71.7	73.3	75.0	69.1
FINESSE II	48.3	36.7	70.0	94.0	76.7	70.0	85.0	71.7	69.0
FORTE (BE-2)	63.3	41.7	66.7	95.7	73.3	75.0	70.0	66.7	69.0
PST-5NAS	60.0	61.7	60.0	90.7	75.0	73.3	71.7	60.0	69.0
QUEST	75.0	43.3	56.7	91.7	76.7	66.7	76.7	65.0	69.0
PST-5S12	63.3	50.0	56.7	96.7	76.7	65.0	76.3	66.7	68.9
WATCHDOG	66.7	48.3	66.7	85.0	78.3	68.3	78.0	60.0	68.9
MA 127	56.7	43.3	63.3	94.3	78.3	71.7	83.3	60.0	68.9
MATADOR	61.7	41.7	60.0	96.0	76.7	61.7	83.3	70.0	68.9
TRACER	73.3	35.0	63.3	94.3	75.0	70.0	80.0	60.0	68.9
PADRE (NJ4)	66.7	41.7	56.7	86.7	78.3	66.7	86.7	66.7	68.8
REBEL SENTRY	60.0	48.3	63.3	90.0	76.7	73.3	71.7	66.7	68.8
FINELAWN ELITE (DLSD)	68.3	40.0	53.3	88.3	76.7	71.7	89.7	61.7	68.7
GO-OD2	75.0	43.3	50.0	94.3	71.7	66.7	79.7	68.3	68.6
FALCON IV (F-4)	60.0	41.7	66.7	89.0	80.0	75.0	61.7	75.0	68.6
RAPTOR (CIS-TF-33)	71.7	36.7	63.3	85.0	76.7	73.3	78.3	63.3	68.5
ROBERTS SM4	63.3	41.7	63.3	93.3	73.3	73.3	76.7	63.3	68.5
PST-5TUO	56.7	45.0	63.3	83.3	76.7	68.3	88.3	66.7	68.5
GREMLIN (P-58)	73.3	40.0	50.0	85.0	76.7	73.3	88.0	61.7	68.5
CIS-TF-77	60.0	43.3	56.7	90.0	76.7	71.7	84.7	63.3	68.3
MRF 29	61.7	43.3	60.0	81.7	76.7	65.0	93.0	65.0	68.3
SCORPION	66.7	45.0	60.0	93.0	78.3	70.0	75.0	58.3	68.3
SOUTH PAW (MRF 24)	63.3	48.3	60.0	91.3	70.0	75.0	78.3	60.0	68.3
REMBRANDT	66.7	43.3	66.7	94.3	75.0	76.7	56.7	66.7	68.3
TULSA II (ATF 706)	66.7	43.3	63.3	94.3	73.3	65.0	88.3	51.7	68.3
PST-5LO	56.7	45.0	63.3	87.3	75.0	75.0	75.0	68.3	68.2
MRF 25	61.7	48.3	63.3	83.3	78.3	71.7	74.7	63.3	68.1

TABLE 26.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
2002 DATA

NAME	IL1	KS2	MA1	NC1	OK1	TX3	UT1	WA1	MEAN
ATF-800	63.3	48.3	56.7	88.3	76.7	73.3	75.0	61.7	67.9
CAYENNE	65.0	46.7	56.7	93.3	76.7	71.7	75.0	58.3	67.9
MA 158	65.0	38.3	53.3	90.0	76.7	70.0	76.7	73.3	67.9
PURE GOLD	68.3	41.7	60.0	86.7	75.0	66.7	88.3	56.7	67.9
BRAVO	58.3	43.3	63.3	93.3	78.3	73.3	75.0	58.3	67.9
BAR FA 1003	58.3	53.3	56.7	80.0	76.7	75.0	76.3	66.7	67.9
BINGO	61.7	35.0	56.7	90.0	76.7	70.0	88.0	65.0	67.9
PST-5BAB	60.0	36.7	60.0	85.0	76.7	76.7	73.0	75.0	67.9
REBEL EXEDA	65.0	40.0	60.0	92.7	76.7	70.0	66.7	71.7	67.8
COVENANT (ATF 802)	70.0	40.0	63.3	87.7	78.3	73.3	68.3	61.7	67.8
GRANDE II	60.0	41.7	60.0	87.7	76.7	70.0	83.3	63.3	67.8
PICK TF H-97	63.3	43.3	53.3	83.3	76.7	70.0	81.7	70.0	67.7
TF66	65.0	50.0	56.7	88.3	76.7	68.3	76.7	60.0	67.7
JT-15	61.7	36.7	63.3	88.3	78.3	65.0	86.7	61.7	67.7
MRF 210	66.7	50.0	53.3	85.0	75.0	70.0	73.3	68.3	67.7
ATF 707	61.7	46.7	46.7	90.0	76.7	75.0	71.7	71.7	67.5
BAR FA 1CR7	68.3	56.7	53.3	86.7	80.0	63.3	66.7	65.0	67.5
JT-9	66.7	41.7	53.3	90.0	75.0	60.0	88.3	65.0	67.5
SRX 805	63.3	33.3	56.7	81.7	75.0	66.7	90.0	73.3	67.5
TAHOE (CAS-157)	56.7	40.0	66.7	91.7	73.3	71.7	74.7	65.0	67.5
PICK ZMG	55.0	40.0	60.0	92.7	76.7	71.7	75.0	68.3	67.4
COCHISE III (018)	55.0	50.0	60.0	91.0	78.3	70.0	73.3	61.7	67.4
BARRERA	65.0	40.0	56.7	90.7	76.7	68.3	76.3	65.0	67.3
CIS-TF-67	63.3	43.3	66.7	86.7	76.7	65.0	68.3	68.3	67.3
K01-8015	66.7	38.3	60.0	90.0	76.7	70.0	66.7	70.0	67.3
ATF-803	61.7	50.0	60.0	88.3	76.7	71.7	71.7	56.7	67.1
MRF 211	60.0	31.7	60.0	85.0	76.7	68.3	88.3	66.7	67.1
BARRINGTON	56.7	38.3	63.3	94.0	76.7	68.3	71.7	66.7	67.0
GO-SIU2	56.7	46.7	60.0	83.3	78.3	75.0	65.0	70.0	66.9
MRF 28	63.3	45.0	60.0	81.7	75.0	70.0	76.7	63.3	66.9
BAR FA 1005	55.0	41.7	53.3	85.0	76.7	76.7	81.3	65.0	66.8
DP 50-9082	60.0	43.3	60.0	80.0	76.7	70.0	76.3	68.3	66.8
MRF 26	65.0	35.0	56.7	85.0	76.7	66.7	81.7	66.7	66.7
DAYTONA (MRF 23)	65.0	45.0	60.0	88.3	73.3	68.3	68.3	65.0	66.7
JT-12	60.0	41.7	56.7	78.3	78.3	73.3	83.3	61.7	66.7
DP 50-9226	58.3	43.3	60.0	78.3	76.7	76.7	68.3	70.0	66.5
GUARDIAN-21 (ROBERTS DOL)	60.0	35.0	66.7	86.7	78.3	58.3	76.7	70.0	66.5
MAGELLAN (OD-4)	65.0	45.0	56.7	91.0	76.7	75.0	55.0	66.7	66.4
01-TFOR3	46.7	45.0	56.7	91.7	71.7	71.7	90.0	56.7	66.3
JT-13	60.0	43.3	56.7	85.0	73.3	61.7	86.7	63.3	66.3
K01-E03	60.0	46.7	56.7	90.0	76.7	76.7	66.7	56.7	66.3
SIGNIA	70.0	45.0	53.3	86.7	76.7	68.3	75.0	55.0	66.3
K01-E09	65.0	41.7	56.7	86.7	75.0	73.3	74.7	56.7	66.2
UT-155	53.3	41.7	50.0	88.3	76.7	73.3	78.3	66.7	66.0
CIS-TF-64	71.7	38.3	53.3	85.0	75.0	65.0	81.7	56.7	65.8

TABLE 26. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
(CONT'D) 2002 DATA

NAME	IL1	KS2	MA1	NC1	OK1	TX3	UT1	WA1	MEAN
KALAHARI	58.3	40.0	60.0	86.7	76.7	56.7	86.7	61.7	65.8
SR 8250	63.3	38.3	66.7	89.3	76.7	70.0	73.3	48.3	65.8
01-ORU1	65.0	41.7	66.7	81.7	76.7	68.3	71.7	53.3	65.6
01-RUTOR2	60.0	45.0	63.3	86.7	75.0	65.0	70.0	60.0	65.6
ATF 586	56.7	36.7	53.3	85.0	75.0	68.3	85.0	63.3	65.4
CONSTITUTION (ATF-593)	70.0	40.0	53.3	88.0	76.7	66.7	70.0	58.3	65.4
T991	61.7	31.7	53.3	92.7	76.7	70.0	75.0	61.7	65.3
PST-5T1	53.3	40.0	56.7	89.0	75.0	66.7	85.0	56.7	65.3
JTTFF-2000	61.7	41.7	50.0	86.7	73.3	63.3	83.3	61.7	65.2
ATF 799	58.3	40.0	60.0	87.7	75.0	65.0	79.7	55.0	65.1
BONSAI	66.7	41.7	50.0	83.3	76.7	71.7	68.3	58.3	64.6
UT-RB3	58.3	45.0	56.7	86.7	76.7	65.0	68.3	60.0	64.6
NA-TDD	65.0	33.3	56.7	88.3	71.7	70.0	73.3	58.3	64.6
PST-5FZD	48.3	38.3	56.7	93.3	71.7	66.7	81.7	58.3	64.4
ATF 806	70.0	40.0	50.0	86.7	70.0	58.3	80.0	60.0	64.4
JT-6	53.3	33.3	56.7	83.3	75.0	68.3	86.7	58.3	64.4
PST-53T	56.7	40.0	63.3	86.7	75.0	60.0	73.3	60.0	64.4
PST-5KI	55.0	38.3	56.7	85.0	76.7	70.0	66.7	66.7	64.4
B-7001	56.7	40.0	56.7	87.7	78.3	61.7	75.0	58.3	64.3
CAS-ED	63.3	46.7	50.0	86.7	76.7	65.0	63.3	60.0	64.0
PST-5KU	45.0	43.3	53.3	85.0	80.0	70.0	75.0	60.0	64.0
CIS-TF-60	53.3	40.0	56.7	90.0	73.3	65.0	70.0	60.0	63.5
CIS-TF-65	61.7	38.3	50.0	86.7	76.7	68.3	68.3	58.3	63.5
COYOTE	55.0	45.0	60.0	83.3	75.0	65.0	66.7	55.0	63.1
K01-8007	45.0	35.0	56.7	85.0	75.0	66.7	73.3	66.7	62.9
LSD VALUE	20.4	14.4	11.4	11.1	6.0	10.2	26.6	17.5	5.6
C.V. (%)	19.9	20.2	11.8	7.7	4.9	9.0	20.9	16.7	14.4

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 27. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 AT FAYETTEVILLE, AR 1/ 2/
 2002 DATA

NAME	NOV 8	NOV 14	NOV 26	DEC 5	MEAN
BLACKWATCH (PICK-OD3-01)	50.0	93.0	95.0	97.0	82.3
ELISA	45.0	88.0	93.7	98.7	81.3
KO1-WAF	41.7	85.3	93.0	99.0	79.8
FALCON IV (F-4)	39.7	87.3	94.0	97.0	79.5
JUSTICE (RB2-01)	44.3	83.3	92.7	96.0	79.1
TULSA II (ATF 706)	36.7	86.7	94.0	98.3	78.9
CIS-TF-77	34.3	88.0	94.3	96.3	78.3
PICK TF H-97	35.0	87.0	94.0	95.7	77.9
AVENGER (L1Z)	39.0	83.0	92.7	96.0	77.7
JAGUAR 3	39.0	81.7	92.0	98.0	77.7
LARAMIE	34.3	85.0	93.3	97.7	77.6
INFERNO (JT-99)	35.7	83.0	93.7	97.3	77.4
BAR FA 1CR7	36.0	84.0	92.3	97.0	77.3
SOUTHERN CHOICE II	35.7	83.0	92.3	97.0	77.0
DAYTONA (MRF 23)	32.3	85.0	92.0	97.7	76.8
GO-RD4	38.0	80.3	92.0	96.7	76.8
CAYENNE	39.3	80.0	90.3	97.0	76.7
SR 8250	36.7	82.0	91.3	96.7	76.7
BRAVO	32.0	84.7	91.3	98.0	76.5
MRF 27	39.7	81.3	89.0	96.0	76.5
BE1	32.7	82.0	93.7	97.3	76.4
FORTE (BE-2)	33.7	83.3	92.3	96.0	76.3
PICK ZMG	32.7	80.7	94.0	97.3	76.2
FOCUS	31.7	81.0	93.7	97.0	75.8
GO-FL3	29.3	83.0	93.0	97.7	75.8
BARRINGTON	32.3	80.3	93.0	97.0	75.7
BILTMORE	30.3	82.7	92.0	96.7	75.4
DYNASTY	28.0	85.3	91.3	97.0	75.4
GREMLIN (P-58)	29.7	84.3	90.7	96.0	75.2
PICK-00-AFA	32.0	81.3	91.0	96.3	75.2
TITAN LTD.	32.0	81.0	90.3	97.3	75.2
ENDEAVOR	32.3	77.0	93.7	97.0	75.0
OLYMPIC GOLD	32.7	76.7	93.0	96.7	74.8
SR 8550 (SRX 8BE4)	28.0	80.7	92.0	96.3	74.3
LEGITIMATE	27.7	81.7	91.0	96.3	74.2
MATADOR	30.3	81.0	89.3	96.0	74.2
BONSAI	31.0	75.7	92.7	95.7	73.8
MRF 25	32.3	78.3	89.7	95.0	73.8
2ND MILLENNIUM	25.0	79.7	92.3	97.7	73.7
BARLEXAS	29.3	79.3	89.3	96.7	73.7
PADRE (NJ4)	26.7	81.3	91.0	95.3	73.6
LANCER	28.3	78.3	91.3	96.0	73.5
ATF 799	30.3	73.7	92.7	96.7	73.3
JT-6	22.0	81.3	92.3	97.0	73.2
KALAHARI	27.3	76.3	92.3	96.7	73.2

TABLE 27. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT FAYETTEVILLE, AR 1/ 2/
 2002 DATA

NAME	NOV 8	NOV 14	NOV 26	DEC 5	MEAN
SCORPION	37.3	74.7	86.3	94.3	73.2
FINESSE II	29.7	76.7	91.3	94.7	73.1
TAR HEEL	24.3	80.0	91.3	96.3	73.0
ATF-800	23.7	79.3	91.7	96.3	72.8
DOMINION	21.3	82.0	92.0	96.0	72.8
JT-18	24.7	81.0	90.3	95.0	72.8
MA 127	29.3	73.0	92.7	96.3	72.8
ROBERTS SM4	30.3	72.0	92.7	96.3	72.8
WYATT	25.7	74.3	93.0	97.3	72.6
B-7001	23.3	81.0	91.0	94.7	72.5
CIS-TF-65	26.0	79.3	91.7	93.0	72.5
CONSTITUTION (ATF-593)	27.3	76.0	92.0	94.7	72.5
MRF 29	28.3	74.3	91.3	95.7	72.4
KY-31 E+	30.3	73.3	90.7	95.0	72.3
MA 138	30.3	74.3	88.0	96.0	72.2
TAHOE (CAS-157)	29.0	77.3	87.3	94.7	72.1
PST-5JM	24.3	80.7	88.7	94.7	72.1
O1-ORU1	25.3	75.3	91.3	96.0	72.0
KO1-8007	23.7	77.3	91.3	95.7	72.0
FIVE POINT (MCN-RC)	27.7	74.0	91.0	95.0	71.9
REBEL SENTRY	24.0	73.7	92.3	97.7	71.9
ATF-803	21.7	76.7	91.3	97.7	71.8
UT-RB3	28.7	72.7	89.0	96.0	71.6
PST-5S12	27.0	75.3	88.7	94.7	71.4
TAR HEEL II (PST-5TR1)	23.7	75.7	89.7	96.7	71.4
CIS-TF-64	27.0	73.7	89.3	95.0	71.3
PROSEEDS 5301	26.3	72.0	90.7	96.3	71.3
PST-57E	23.7	75.3	90.7	95.7	71.3
TF66	24.0	73.0	92.7	95.3	71.3
TEMPEST	24.3	74.7	91.0	94.7	71.2
CAS-MC1	26.0	74.3	88.7	95.3	71.1
RAPTOR (CIS-TF-33)	26.3	73.3	89.0	95.7	71.1
ATF 702	24.3	74.0	89.7	96.0	71.0
MRF 211	26.0	73.3	88.0	96.0	70.8
PST-5KI	29.7	72.7	92.3	97.0	70.7
WOLFPACK	28.7	67.3	89.7	97.0	70.7
GO-OD2	24.0	73.3	87.7	97.3	70.6
PURE GOLD	23.0	72.0	91.0	96.3	70.6
SOUTH PAW (MRF 24)	21.7	74.0	90.0	96.7	70.6
SRX 805	22.7	75.7	87.3	96.3	70.5
ATF 704	18.3	74.7	92.7	95.3	70.3
GO-SIU2	22.3	75.0	89.0	95.0	70.3
PST-5TU0	20.3	76.7	87.7	96.3	70.3
SIGNIA	23.3	73.7	87.3	96.3	70.2
SR 8600	25.3	72.7	88.0	94.7	70.2

TABLE 27. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT FAYETTEVILLE, AR 1/ 2/
 2002 DATA

NAME	NOV 8	NOV 14	NOV 26	DEC 5	MEAN
ATF 806	23.3	71.3	89.7	95.7	70.0
BARLEXAS II	21.7	73.7	91.0	93.7	70.0
DAVINCI (LTP-7801)	28.0	69.7	88.0	94.3	70.0
PROSPECT	24.3	70.7	90.0	95.0	70.0
MAGELLAN (OD-4)	25.7	68.7	89.3	95.3	69.8
STETSON	25.3	71.0	87.7	95.0	69.8
K01-8015	21.7	71.0	92.3	93.7	69.7
PST-5FZD	24.3	68.3	89.7	96.3	69.7
DP 50-9082	24.7	69.3	89.0	95.3	69.6
COYOTE	18.7	72.0	91.7	95.3	69.4
ATF 707	22.0	70.3	88.3	96.3	69.3
MILLENNIUM	25.0	70.7	87.0	94.3	69.3
BARRERA	21.0	70.0	90.7	95.0	69.2
FALCON II	29.3	69.7	86.0	91.7	69.2
TOMAHAWK RT	25.7	71.3	86.0	93.3	69.1
ATF 586	24.3	71.0	86.7	94.0	69.0
PST-5L0	21.0	68.0	91.3	95.7	69.0
JT-13	18.7	73.0	89.3	94.7	68.9
PST-5A1	22.7	71.7	88.3	93.0	68.9
SILVERSTAR (PST-5ASR)	20.0	70.0	88.7	96.3	68.8
T991	18.7	66.0	92.7	97.3	68.7
DP 50-9226	15.3	74.0	90.3	94.7	68.6
MRF 210	21.7	73.0	87.0	92.7	68.6
GRANDE II	23.3	69.7	87.7	93.3	68.5
JTTFF-2000	18.0	70.7	90.0	95.0	68.4
K01-E09	18.7	68.0	91.0	96.0	68.4
CIS-TF-67	17.7	74.0	86.3	95.0	68.3
R-4	23.3	71.0	87.3	91.7	68.3
PST-5KU	21.0	70.3	88.3	93.0	68.2
QUEST	15.0	70.3	92.3	94.0	67.9
JT-12	22.0	64.7	89.7	94.0	67.6
BINGO	20.0	67.3	87.3	95.3	67.5
JT-9	18.0	69.3	87.7	95.0	67.5
TITANIUM (SBM)	19.3	73.3	87.3	89.7	67.4
01-TFOR3	19.7	68.0	88.3	93.0	67.3
DLF-J210	20.0	66.3	88.0	94.7	67.3
KITTY HAWK 2000	26.7	68.3	83.3	90.3	67.2
PST-5BZ	19.0	66.0	88.0	95.7	67.2
PST-5T1	20.0	69.7	86.0	93.0	67.2
REMBRANDT	21.7	66.3	87.3	92.7	67.0
FINELAWN ELITE (DLSD)	19.7	68.3	86.7	92.7	66.8
RENDITION	21.3	62.0	89.7	93.7	66.7
K01-E03	16.0	64.3	90.7	95.3	66.6
MRF 26	13.7	68.7	88.7	95.0	66.5
CIS-TF-60	18.0	61.7	90.7	94.7	66.3

TABLE 27. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) AT FAYETTEVILLE, AR 1/ 2/
 2002 DATA

NAME	NOV 8	NOV 14	NOV 26	DEC 5	MEAN
MRF 28	20.3	63.0	86.7	93.7	65.9
PST-53T	20.0	66.7	85.7	91.3	65.9
UT-155	21.0	69.0	84.0	89.7	65.9
PLANTATION	22.3	67.7	83.7	89.3	65.8
COVENANT (ATF 802)	17.0	63.7	88.0	93.7	65.6
MASTERPIECE	16.7	68.3	86.3	91.0	65.6
REBEL EXEDA	18.0	66.7	85.7	91.3	65.4
GUARDIAN-21 (ROBERTS DOL)	22.3	67.7	81.7	89.3	65.3
COCHISE III (018)	18.0	64.7	85.3	92.3	65.1
BAR FA 1005	16.3	65.0	87.0	91.0	64.8
BAR FA 1003	20.7	64.7	83.3	89.7	64.6
TRACER	15.3	65.3	85.3	91.7	64.4
01-RUTOR2	16.0	58.0	88.3	91.3	63.4
PST-DDL	14.0	64.7	85.7	89.3	63.4
PST-5BAB	17.0	61.7	84.0	90.0	63.2
EA 163	14.0	59.0	85.0	92.3	62.6
MUSTANG 3	21.3	57.0	84.0	88.0	62.6
CAS-ED	20.0	57.3	81.3	91.3	62.5
NA-TDD	7.3	57.3	85.3	93.0	60.8
SILVERADO II (PST-578)	9.0	52.7	87.7	92.0	60.3
PICASSO	17.3	60.3	75.0	88.0	60.2
WATCHDOG	10.3	55.7	86.3	88.0	60.1
MA 158	11.3	57.7	80.0	84.7	58.4
JT-15	13.3	52.7	78.7	88.0	58.2
PST-5NAS	12.3	52.0	80.3	86.7	57.8
LSD VALUE	25.5	60.4	22.4	20.4	25.7
C.V. (%)	40.9	18.2	6.1	4.6	10.5

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 28.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT PUYALLUP, WA 1/ 2/
2002 DATA

NAME	SEP 01	JAN 02	MEAN	NAME	SEP 01	JAN 02	MEAN
GO-FL3	40.0	73.3	56.7	TEMPEST	26.7	58.3	42.5
ELISA	30.0	80.0	55.0	BILTMORE	26.7	56.7	41.7
FALCON IV (F-4)	36.7	63.3	50.0	ENDEAVOR	26.7	56.7	41.7
2ND MILLENNIUM	36.7	60.0	48.3	MILLENNIUM	23.3	60.0	41.7
PROSPECT	33.3	63.3	48.3	PADRE (NJ4)	23.3	60.0	41.7
BLACKWATCH (PICK-OD3-01)	36.7	56.7	46.7	PST-57E	26.7	56.7	41.7
FOCUS	26.7	66.7	46.7	RAPTOR (CIS-TF-33)	23.3	60.0	41.7
KO1-WAF	31.7	61.7	46.7	TAR HEEL	23.3	60.0	41.7
LANCER	20.0	73.3	46.7	ATF 806	23.3	58.3	40.8
FIVE POINT (MCN-RC)	31.7	61.7	46.7	CIS-TF-77	26.7	55.0	40.8
MRF 25	30.0	63.3	46.7	COCHISE III (018)	25.0	56.7	40.8
STETSON	28.3	63.3	45.8	KO1-E03	30.0	51.7	40.8
BARLEXAS II	26.7	63.3	45.0	PICASSO	23.3	58.3	40.8
FALCON II	26.7	63.3	45.0	QUEST	26.7	55.0	40.8
JAGUAR 3	28.3	61.7	45.0	TITANIUM (SBM)	30.0	51.7	40.8
JUSTICE (RB2-01)	38.3	51.7	45.0	WOLFPACK	20.0	61.7	40.8
PLANTATION	31.7	58.3	45.0	WYATT	23.3	58.3	40.8
PST-5JM	30.0	60.0	45.0	COVENANT (ATF 802)	26.7	53.3	40.0
REBEL EXEDA	33.3	56.7	45.0	CAYENNE	26.7	53.3	40.0
AVENGER (LIZ)	30.0	58.3	44.2	COYOTE	26.7	53.3	40.0
CIS-TF-60	26.7	61.7	44.2	EA 163	23.3	56.7	40.0
KITTY HAWK 2000	25.0	63.3	44.2	MRF 211	30.0	50.0	40.0
KY-31 E+	23.3	65.0	44.2	PROSEEDS 5301	23.3	56.7	40.0
OLYMPIC GOLD	30.0	58.3	44.2	SIGNIA	26.7	53.3	40.0
PICK ZMG	30.0	58.3	44.2	SILVERSTAR (PST-5ASR)	26.7	53.3	40.0
R-4	26.7	61.7	44.2	TF66	26.7	53.3	40.0
SCORPION	25.0	63.3	44.2	TOMAHAWK RT	23.3	56.7	40.0
T991	30.0	58.3	44.2	DLF-J210	21.7	56.7	39.2
ATF 704	26.7	60.0	43.3	DOMINION	25.0	53.3	39.2
DAYTONA (MRF 23)	30.0	56.7	43.3	JTTFF-2000	18.3	60.0	39.2
GO-RD4	28.3	58.3	43.3	LARAMIE	23.3	55.0	39.2
INFERNO (JT-99)	31.7	55.0	43.3	MA 138	23.3	55.0	39.2
JT-6	26.7	60.0	43.3	MATADOR	20.0	58.3	39.2
MA 158	23.3	63.3	43.3	MRF 210	30.0	48.3	39.2
TITAN LTD.	26.7	60.0	43.3	PST-5FZD	28.3	50.0	39.2
TRACER	23.3	63.3	43.3	PURE GOLD	21.7	56.7	39.2
BAR FA 1003	23.3	61.7	42.5	REMBRANDT	23.3	55.0	39.2
BARLEXAS	20.0	65.0	42.5	SR 8250	28.3	50.0	39.2
BARRERA	30.0	55.0	42.5	ATF 707	21.7	55.0	38.3
BARRINGTON	23.3	61.7	42.5	CONSTITUTION (ATF-593)	23.3	53.3	38.3
BE1	26.7	58.3	42.5	GO-OD2	23.3	53.3	38.3
BINGO	26.7	58.3	42.5	MRF 27	23.3	53.3	38.3
NA-TDD	16.7	68.3	42.5	PST-5KI	25.0	51.7	38.3
REBEL SENTRY	23.3	61.7	42.5	SILVERADO II (PST-578)	26.7	50.0	38.3
ROBERTS SM4	26.7	58.3	42.5	SOUTHERN CHOICE II	26.7	50.0	38.3

TABLE 28.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT PUYALLUP, WA 1/ 2/
2002 DATA

NAME	SEP 01	JAN 02	MEAN	NAME	SEP 01	JAN 02	MEAN
SR 8600	25.0	51.7	38.3	PST-5NAS	21.7	46.7	34.2
ATF 586	20.0	55.0	37.5	PST-5S12	16.7	51.7	34.2
ATF 702	23.3	51.7	37.5	SOUTH PAW (MRF 24)	20.0	48.3	34.2
CIS-TF-65	25.0	50.0	37.5	01-TFOR3	20.0	46.7	33.3
KALAHARI	21.7	53.3	37.5	CIS-TF-67	18.3	48.3	33.3
MAGELLAN (OD-4)	20.0	55.0	37.5	DAVINCI (LTP-7801)	23.3	43.3	33.3
MASTERPIECE	20.0	55.0	37.5	GRANDE II	21.7	45.0	33.3
MRF 26	23.3	51.7	37.5	K01-8015	20.0	46.7	33.3
PST-5BAB	21.7	53.3	37.5	MRF 28	20.0	46.7	33.3
TULSA II (ATF 706)	25.0	50.0	37.5	PICK TF H-97	16.7	50.0	33.3
ATF 799	23.3	50.0	36.7	PST-53T	20.0	46.7	33.3
ATF-803	26.7	46.7	36.7	PST-5L0	20.0	46.7	33.3
BRAVO	16.7	56.7	36.7	SR 8550 (SRX 8BE4)	16.7	50.0	33.3
JT-18	23.3	50.0	36.7	SRX 805	21.7	45.0	33.3
JT-9	23.3	50.0	36.7	TAR HEEL II (PST-5TR1)	20.0	46.7	33.3
UT-RB3	23.3	50.0	36.7	DYNASTY	20.0	45.0	32.5
ATF-800	23.3	48.3	35.8	LEGITIMATE	21.7	43.3	32.5
CAS-MC1	21.7	50.0	35.8	01-ORU1	16.7	46.7	31.7
FORTE (BE-2)	26.7	45.0	35.8	UT-155	20.0	43.3	31.7
JT-13	23.3	48.3	35.8	BAR FA 1005	23.3	38.3	30.8
K01-E09	23.3	48.3	35.8	BAR FA 1CR7	20.0	41.7	30.8
MA 127	20.0	51.7	35.8	TAHOE (CAS-157)	15.0	46.7	30.8
MRF 29	23.3	48.3	35.8	DP 50-9082	20.0	41.7	30.8
PST-5KU	21.7	50.0	35.8	WATCHDOG	16.7	45.0	30.8
PST-5TU0	20.0	51.7	35.8	FINELAWN ELITE (DLSD)	20.0	40.0	30.0
PST-DDL	25.0	46.7	35.8	FINESSE II	26.7	33.3	30.0
RENDITION	20.0	51.7	35.8	JT-15	16.7	43.3	30.0
B-7001	15.0	55.0	35.0	K01-8007	18.3	41.7	30.0
BONSAI	25.0	45.0	35.0	CAS-ED	13.3	45.0	29.2
GO-SIU2	16.7	53.3	35.0	PST-5T1	16.7	41.7	29.2
PICK-00-AFA	26.7	43.3	35.0	JT-12	21.7	35.0	28.3
01-RUTOR2	21.7	46.7	34.2	PST-5A1	13.3	43.3	28.3
CIS-TF-64	20.0	48.3	34.2	GREMLIN (P-58)	13.3	41.7	27.5
DP 50-9226	23.3	45.0	34.2				
GUARDIAN-21 (ROBERTS D0L)	20.0	48.3	34.2	LSD VALUE	18.0	24.0	16.1
MUSTANG 3	13.3	55.0	34.2	C.V. (%)	29.4	18.9	18.1
PST-5BZ	16.7	51.7	34.2				

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

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

TABLE 29.

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 AT MEAD, NE 1/
 2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
01-RUTOR2	7.7	8.7	8.7	9.0	9.0	9.0	8.7
MA 158	7.7	8.3	9.0	9.0	9.0	9.0	8.7
R-4	7.7	8.3	9.0	9.0	9.0	9.0	8.7
BE1	7.3	8.3	8.7	9.0	9.0	9.0	8.6
MRF 210	7.0	8.3	9.0	9.0	9.0	9.0	8.6
GO-FL3	7.3	7.7	9.0	9.0	9.0	9.0	8.5
JT-12	7.0	8.0	9.0	9.0	9.0	9.0	8.5
MASTERPIECE	7.0	8.0	9.0	9.0	9.0	9.0	8.5
2ND MILLENNIUM	7.7	8.0	8.3	8.3	9.0	9.0	8.4
AVENGER (L1Z)	7.3	7.7	8.3	9.0	9.0	9.0	8.4
BONSAI	7.3	7.7	9.0	8.7	9.0	9.0	8.4
GO-RD4	7.0	8.0	8.7	9.0	9.0	9.0	8.4
INFERNO (JT-99)	7.3	8.3	8.0	9.0	9.0	9.0	8.4
MA 138	7.3	7.7	8.3	9.0	9.0	9.0	8.4
PST-5FZD	7.3	7.7	8.7	9.0	9.0	9.0	8.4
PST-5KI	7.7	8.0	8.0	9.0	9.0	9.0	8.4
REBEL SENTRY	7.3	8.0	9.0	8.7	8.7	9.0	8.4
REMBRANDT	6.7	8.0	9.0	9.0	9.0	9.0	8.4
TAR HEEL	7.0	8.0	8.7	9.0	9.0	9.0	8.4
WYATT	7.7	7.3	8.3	9.0	9.0	9.0	8.4
ATF-803	7.3	7.3	8.7	8.7	9.0	8.7	8.3
BILTMORE	7.7	8.0	7.7	8.7	8.7	9.0	8.3
EA 163	6.7	7.7	8.7	8.7	9.0	9.0	8.3
GRANDE II	6.7	8.0	8.7	8.7	9.0	9.0	8.3
GUARDIAN-21 (ROBERTS DOL)	7.0	7.3	8.3	9.0	9.0	9.0	8.3
JT-18	7.0	7.3	8.7	9.0	8.7	9.0	8.3
OLYMPIC GOLD	6.7	8.0	8.3	9.0	9.0	9.0	8.3
T991	7.7	7.3	8.0	8.7	9.0	9.0	8.3
ATF 704	6.7	7.7	8.0	9.0	9.0	9.0	8.2
BARRERA	6.7	7.3	8.3	9.0	9.0	9.0	8.2
TAHOE (CAS-157)	7.0	7.0	8.3	9.0	9.0	9.0	8.2
COYOTE	7.0	7.3	8.0	9.0	9.0	9.0	8.2
DAYTONA (MRF 23)	6.7	7.3	8.3	9.0	9.0	9.0	8.2
GO-0D2	7.0	7.0	8.3	8.7	9.0	9.0	8.2
JT-13	7.0	7.0	8.0	9.0	9.0	9.0	8.2
K01-E03	6.3	7.3	8.7	8.7	9.0	9.0	8.2
LARAMIE	6.3	7.3	8.7	8.7	9.0	9.0	8.2
MA 127	7.3	7.3	8.0	8.7	9.0	9.0	8.2
PICASSO	7.0	7.7	7.7	8.7	9.0	9.0	8.2
PST-5A1	6.7	7.3	8.0	9.0	9.0	9.0	8.2
PST-5NAS	6.7	7.7	8.0	9.0	8.7	9.0	8.2
PST-5S12	7.0	7.3	7.7	9.0	9.0	9.0	8.2
SOUTH PAW (MRF 24)	6.3	7.7	8.3	9.0	9.0	9.0	8.2
WOLFPACK	7.0	7.3	8.3	8.7	9.0	9.0	8.2
B-7001	7.3	7.0	8.0	8.7	8.7	9.0	8.1

TABLE 29. (CONT'D)

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD, NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
BARLEXAS II	6.7	7.3	8.3	8.7	8.7	9.0	8.1
JT-15	6.3	7.3	8.3	8.7	9.0	8.7	8.1
JT-6	6.7	7.0	7.7	9.0	9.0	9.0	8.1
K01-8007	6.7	7.7	7.7	8.3	9.0	9.0	8.1
MRF 28	6.7	7.0	7.7	9.0	9.0	9.0	8.1
MRF 29	7.3	7.3	8.0	8.7	8.7	8.7	8.1
PST-5L0	6.7	7.3	7.7	9.0	9.0	9.0	8.1
ROBERTS SM4	6.7	7.3	7.3	9.0	9.0	9.0	8.1
SR 8250	6.3	7.0	8.0	9.0	9.0	9.0	8.1
ATF 799	6.3	7.7	7.3	8.7	9.0	9.0	8.0
ATF 806	6.7	7.0	8.0	8.3	9.0	9.0	8.0
CIS-TF-64	6.7	7.7	7.3	8.7	8.7	9.0	8.0
JTTFF-2000	7.0	7.7	6.7	8.7	9.0	9.0	8.0
K01-E09	6.3	7.0	8.0	8.7	9.0	9.0	8.0
PROSPECT	6.7	7.0	7.7	8.7	9.0	9.0	8.0
TITANIUM (SBM)	6.7	7.3	8.3	8.0	8.7	9.0	8.0
UT-155	6.3	7.0	8.3	8.3	9.0	9.0	8.0
ATF 707	6.3	7.3	7.7	8.7	8.7	8.7	7.9
COVENANT (ATF 802)	6.3	7.0	7.3	9.0	8.7	9.0	7.9
ATF-800	7.0	6.7	7.3	8.3	9.0	9.0	7.9
BINGO	6.3	7.3	8.0	8.3	8.7	9.0	7.9
BLACKWATCH (PICK-0D3-01)	7.7	7.0	7.0	8.7	8.3	9.0	7.9
CAS-MC1	6.7	6.7	7.7	8.7	9.0	9.0	7.9
FINELAWN ELITE (DLSD)	6.0	7.0	7.3	9.0	9.0	9.0	7.9
FOCUS	6.3	7.3	8.0	8.3	8.7	9.0	7.9
JT-9	6.3	7.0	7.7	8.7	9.0	9.0	7.9
LEGITIMATE	6.0	7.0	7.7	9.0	9.0	9.0	7.9
MATADOR	6.3	7.0	7.3	8.7	9.0	9.0	7.9
SILVERADO II (PST-578)	6.0	7.0	8.0	8.3	9.0	9.0	7.9
SR 8550 (SRX 8BE4)	6.7	7.3	7.3	8.3	9.0	9.0	7.9
TEMPEST	6.3	6.3	8.0	8.7	9.0	9.0	7.9
TF66	6.7	7.3	7.3	8.3	9.0	9.0	7.9
01-ORU1	6.7	6.7	7.3	8.3	8.7	9.0	7.8
BARRINGTON	6.3	7.3	7.7	8.3	8.3	9.0	7.8
CAS-ED	6.3	6.7	7.7	8.3	8.7	9.0	7.8
COCHISE III (018)	7.0	6.3	7.3	8.3	8.7	9.0	7.8
DOMINION	5.7	7.3	7.7	8.7	8.7	9.0	7.8
K01-8015	6.3	7.0	7.3	8.3	9.0	9.0	7.8
MAGELLAN (0D-4)	6.0	6.7	8.3	8.7	8.7	8.7	7.8
PADRE (NJ4)	6.7	7.0	8.0	8.0	8.7	8.7	7.8
PST-57E	6.7	6.7	6.7	8.7	9.0	9.0	7.8
PST-5BAB	6.0	6.7	7.3	8.7	9.0	9.0	7.8
PST-5TU0	6.3	6.7	7.7	8.7	8.7	8.7	7.8
PST-DDL	7.0	7.0	7.0	8.0	9.0	9.0	7.8
QUEST	6.7	7.0	7.3	8.3	8.7	9.0	7.8

TABLE 29. (CONT'D)

 ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
 AT MEAD, NE 1/
 2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
RAPTOR (CIS-TF-33)	6.7	7.3	6.7	8.7	8.3	9.0	7.8
SCORPION	6.3	7.3	7.0	8.3	8.7	9.0	7.8
SOUTHERN CHOICE II	6.3	6.3	7.7	8.3	9.0	9.0	7.8
SR 8600	5.7	6.7	7.7	9.0	9.0	9.0	7.8
SRX 805	6.3	6.7	7.3	8.7	9.0	9.0	7.8
TOMAHAWK RT	6.7	6.7	7.3	8.3	9.0	9.0	7.8
O1-TFOR3	6.7	6.0	7.3	8.7	8.7	8.7	7.7
BAR FA 1CR7	6.3	6.7	7.0	8.7	8.7	8.7	7.7
CIS-TF-65	6.7	6.7	7.0	8.3	8.7	8.7	7.7
DLF-J210	6.3	7.0	7.7	8.3	8.3	8.7	7.7
DP 50-9226	6.0	6.3	7.3	8.7	9.0	9.0	7.7
ELISA	7.0	6.3	7.3	8.0	8.7	9.0	7.7
FALCON II	6.7	6.3	7.3	8.3	8.7	8.7	7.7
GO-SIU2	5.3	7.0	7.3	8.7	9.0	9.0	7.7
JAGUAR 3	5.7	6.7	8.0	8.3	8.7	9.0	7.7
KITTY HAWK 2000	6.7	6.7	7.0	8.7	8.7	8.7	7.7
MRF 211	6.0	7.0	7.3	8.0	9.0	9.0	7.7
MRF 25	5.7	7.0	7.7	8.3	8.7	9.0	7.7
MRF 27	6.3	6.7	7.0	8.7	8.7	8.7	7.7
NA-TDD	6.7	7.0	6.7	8.3	8.7	9.0	7.7
PICK TF H-97	6.7	6.7	7.0	8.3	8.7	9.0	7.7
PST-5JM	6.7	6.7	7.3	8.3	8.3	9.0	7.7
PURE GOLD	6.7	6.7	7.3	8.0	8.7	9.0	7.7
RENDITION	5.7	6.7	7.3	8.3	9.0	9.0	7.7
BAR FA 1003	6.3	6.7	7.0	7.7	8.7	9.0	7.6
CONSTITUTION (ATF-593)	6.7	6.3	7.3	8.0	8.7	8.7	7.6
DP 50-9082	6.0	6.7	6.7	8.3	8.7	9.0	7.6
FINESSE II	6.0	7.0	7.3	8.0	8.3	8.7	7.6
FORTE (BE-2)	6.0	6.7	7.3	8.3	8.3	8.7	7.6
KALAHARI	5.7	6.3	7.0	8.3	9.0	9.0	7.6
KY-31 E+	6.3	7.0	8.0	7.7	8.3	8.0	7.6
LANCER	6.0	6.7	7.7	7.7	8.7	8.7	7.6
MRF 26	5.7	6.7	7.3	8.7	8.3	9.0	7.6
MUSTANG 3	7.0	6.7	7.3	8.0	8.0	8.3	7.6
PICK ZMG	5.7	7.3	6.7	8.3	8.3	9.0	7.6
PICK-00-AFA	6.7	6.3	6.7	8.0	8.7	9.0	7.6
PROSEEDS 5301	5.7	6.3	7.0	8.3	9.0	9.0	7.6
PST-53T	6.3	6.3	7.3	8.3	8.7	8.7	7.6
PST-5BZ	6.7	6.7	6.7	8.7	8.3	8.7	7.6
PST-5KU	5.7	6.3	8.0	8.0	8.3	9.0	7.6
PST-5T1	5.7	6.3	7.7	8.0	8.7	9.0	7.6
REBEL EXEDA	6.3	6.3	7.3	8.3	8.7	8.7	7.6
STETSON	5.7	7.0	7.7	8.3	8.3	8.7	7.6
TAR HEEL II (PST-5TR1)	5.7	6.3	7.0	8.7	8.7	9.0	7.6
TITAN LTD.	6.0	7.0	7.3	8.0	8.0	9.0	7.6

TABLE 29. (CONT'D)

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD, NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
CIS-TF-77	6.3	7.0	7.3	7.7	8.3	8.3	7.5
K01-WAF	6.3	6.3	7.3	8.3	8.3	8.3	7.5
ATF 586	6.3	6.0	7.7	8.0	8.0	8.3	7.4
ATF 702	5.7	7.0	7.3	7.7	8.0	9.0	7.4
BRAVO	6.3	6.7	7.3	7.7	8.0	8.7	7.4
CIS-TF-67	6.3	6.7	6.3	8.0	8.3	8.7	7.4
ENDEAVOR	6.0	6.7	6.7	8.0	8.7	8.7	7.4
FIVE POINT (MCN-RC)	6.3	6.3	7.0	8.0	8.3	8.3	7.4
GREMLIN (P-58)	6.3	6.7	7.0	7.3	8.3	9.0	7.4
SILVERSTAR (PST-5ASR)	5.7	6.7	7.3	8.0	8.3	8.3	7.4
TRACER	5.7	6.3	7.3	8.3	8.0	8.7	7.4
UT-RB3	6.0	6.0	6.7	8.3	8.7	8.7	7.4
WATCHDOG	7.0	6.3	6.3	8.0	8.3	8.3	7.4
BAR FA 1005	6.0	6.0	8.3	7.3	8.0	8.3	7.3
BARLEXAS	6.3	6.7	6.7	8.0	7.7	8.3	7.3
DYNASTY	6.3	6.3	7.3	7.3	8.0	8.7	7.3
JUSTICE (RB2-01)	6.3	5.3	7.0	8.0	8.0	9.0	7.3
CAYENNE	6.0	6.3	7.3	7.0	8.0	8.7	7.2
CIS-TF-60	6.0	6.0	7.3	7.7	8.0	8.3	7.2
DAVINCI (LTP-7801)	5.3	5.7	7.3	8.0	8.0	9.0	7.2
PLANTATION	6.7	6.0	6.3	7.7	8.0	8.3	7.2
SIGNIA	6.7	6.0	6.3	7.7	7.7	8.0	7.1
MILLENNIUM	6.0	6.3	6.3	7.3	8.0	8.0	7.0
TULSA II (ATF 706)	5.3	6.0	6.7	7.3	8.3	8.3	7.0
FALCON IV (F-4)	5.7	5.7	6.7	7.3	7.7	8.3	6.9
LSD VALUE	1.3	1.0	1.0	1.0	0.8	0.8	0.6
C.V. (%)	10.1	8.6	8.1	6.3	4.6	3.8	4.5

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 30.

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD (TRAFFIC), NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
01-RUTOR2	7.7	7.7	8.7	8.7	9.0	9.0	8.4
MA 158	6.3	7.7	8.3	9.0	9.0	9.0	8.2
WYATT	7.3	7.7	7.7	8.3	9.0	9.0	8.2
ATF-803	7.3	7.3	7.3	8.7	8.7	9.0	8.1
BE1	6.3	7.3	8.3	8.7	9.0	9.0	8.1
BONSAI	7.0	7.3	7.7	9.0	8.7	9.0	8.1
GO-FL3	6.3	7.3	7.7	9.0	9.0	9.0	8.1
GO-RD4	7.0	7.0	8.0	8.7	9.0	9.0	8.1
MASTERPIECE	6.3	7.0	8.0	9.0	9.0	9.0	8.1
PST-5FZD	7.0	7.3	7.7	8.7	9.0	9.0	8.1
PST-5KI	7.0	7.7	8.0	8.0	9.0	9.0	8.1
R-4	5.7	7.7	8.3	9.0	9.0	8.7	8.1
JT-12	6.0	7.0	8.0	9.0	9.0	9.0	8.0
MRF 210	5.7	7.0	8.3	9.0	9.0	9.0	8.0
TAR HEEL	6.3	7.0	8.0	8.7	9.0	9.0	8.0
2ND MILLENNIUM	6.0	7.7	8.0	8.3	8.3	9.0	7.9
AVENGER (L1Z)	6.0	7.3	7.7	8.3	9.0	9.0	7.9
INFERNO (JT-99)	6.0	7.3	8.3	8.0	9.0	9.0	7.9
MRF 29	7.7	7.3	7.3	8.0	8.7	8.7	7.9
REBEL SENTRY	6.0	7.3	8.0	9.0	8.7	8.7	7.9
T991	6.7	7.7	7.3	8.0	8.7	9.0	7.9
BILTMORE	6.3	7.3	8.0	7.7	8.7	8.7	7.8
TAHOE (CAS-157)	6.3	7.0	7.0	8.3	9.0	9.0	7.8
EA 163	6.3	6.7	7.7	8.7	8.7	9.0	7.8
GRANDE II	5.7	6.7	8.0	8.7	8.7	9.0	7.8
MA 138	5.7	7.3	7.7	8.3	9.0	9.0	7.8
PST-5L0	7.0	6.7	7.3	7.7	9.0	9.0	7.8
PST-5S12	6.7	7.0	7.3	7.7	9.0	9.0	7.8
REMBRANDT	5.3	6.7	8.0	9.0	9.0	9.0	7.8
WOLFPACK	6.3	7.0	7.3	8.3	8.7	9.0	7.8
B-7001	6.7	7.3	7.0	8.0	8.7	8.7	7.7
BARRERA	5.7	6.7	7.3	8.3	9.0	9.0	7.7
COYOTE	6.0	7.0	7.3	8.0	9.0	9.0	7.7
DAYTONA (MRF 23)	5.7	6.7	7.3	8.3	9.0	9.0	7.7
GO-0D2	6.3	7.0	7.0	8.3	8.7	9.0	7.7
GUARDIAN-21 (ROBERTS DOL)	5.3	7.0	7.3	8.3	9.0	9.0	7.7
JT-18	5.7	7.0	7.3	8.7	9.0	8.7	7.7
LARAMIE	6.0	6.3	7.3	8.7	8.7	9.0	7.7
MA 127	6.0	7.3	7.3	8.0	8.7	9.0	7.7
OLYMPIC GOLD	5.3	6.7	8.0	8.3	9.0	9.0	7.7
PST-5A1	6.3	6.7	7.3	8.0	9.0	9.0	7.7
SOUTH PAW (MRF 24)	5.7	6.3	7.7	8.3	9.0	9.0	7.7
ATF 704	5.3	6.7	7.7	8.0	9.0	9.0	7.6
BLACKWATCH (PICK-0D3-01)	6.7	7.7	7.0	7.0	8.7	8.3	7.6
JT-13	5.7	7.0	7.0	8.0	9.0	9.0	7.6

TABLE 30. (CONT'D)

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD (TRAFFIC), NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
JT-15	6.0	6.3	7.3	8.3	8.7	9.0	7.6
MRF 28	6.3	6.7	7.0	7.7	9.0	9.0	7.6
PICASSO	5.7	7.0	7.7	7.7	8.7	9.0	7.6
ROBERTS SM4	6.3	6.7	7.3	7.3	9.0	9.0	7.6
ATF-800	6.7	7.0	6.7	7.3	8.3	9.0	7.5
PST-5NAS	5.0	6.7	7.7	8.0	9.0	8.7	7.5
SR 8250	5.7	6.3	7.0	8.0	9.0	9.0	7.5
SR 8550 (SRX 8BE4)	6.3	6.7	7.3	7.3	8.3	9.0	7.5
TITANIUM (SBM)	6.0	6.7	7.3	8.3	8.0	8.7	7.5
BARLEXAS II	4.7	6.7	7.3	8.3	8.7	8.7	7.4
BINGO	6.0	6.3	7.3	8.0	8.3	8.7	7.4
CIS-TF-64	5.7	6.7	7.7	7.3	8.7	8.7	7.4
FOCUS	6.0	6.3	7.3	8.0	8.3	8.7	7.4
JT-6	5.3	6.7	7.0	7.7	9.0	9.0	7.4
JTTFF-2000	5.7	7.0	7.7	6.7	8.7	9.0	7.4
K01-8007	5.3	6.7	7.7	7.7	8.3	9.0	7.4
K01-E03	4.7	6.3	7.3	8.7	8.7	9.0	7.4
LEGITIMATE	5.7	6.0	7.0	7.7	9.0	9.0	7.4
PADRE (NJ4)	6.0	6.7	7.0	8.0	8.0	8.7	7.4
QUEST	6.3	6.7	7.0	7.3	8.3	8.7	7.4
TOMAHAWK RT	6.3	6.7	6.7	7.3	8.3	9.0	7.4
01-ORU1	6.3	6.7	6.7	7.3	8.3	8.7	7.3
ATF 799	5.0	6.3	7.7	7.3	8.7	9.0	7.3
COVENANT (ATF 802)	5.3	6.3	7.0	7.3	9.0	8.7	7.3
ATF 806	4.7	6.7	7.0	8.0	8.3	9.0	7.3
CAS-MC1	5.3	6.7	6.7	7.7	8.7	9.0	7.3
JT-9	5.3	6.3	7.0	7.7	8.7	9.0	7.3
K01-E09	5.0	6.3	7.0	8.0	8.7	9.0	7.3
PROSPECT	4.7	6.7	7.0	7.7	8.7	9.0	7.3
PST-DDL	5.7	7.0	7.0	7.0	8.0	9.0	7.3
SILVERADO II (PST-578)	5.3	6.0	7.0	8.0	8.3	9.0	7.3
TF66	5.0	6.7	7.3	7.3	8.3	9.0	7.3
UT-155	5.0	6.3	7.0	8.3	8.3	9.0	7.3
ATF 707	4.7	6.3	7.3	7.7	8.7	8.7	7.2
BARRINGTON	5.0	6.3	7.3	7.7	8.3	8.3	7.2
CONSTITUTION (ATF-593)	6.0	6.7	6.3	7.3	8.0	8.7	7.2
FINELAWN ELITE (DLSD)	5.0	6.0	7.0	7.3	9.0	9.0	7.2
DP 50-9226	6.0	6.0	6.3	7.3	8.7	9.0	7.2
ELISA	5.7	7.0	6.3	7.3	8.0	8.7	7.2
FALCON II	6.0	6.7	6.3	7.3	8.3	8.7	7.2
K01-8015	5.0	6.3	7.0	7.3	8.3	9.0	7.2
KITTY HAWK 2000	5.3	6.7	6.7	7.0	8.7	8.7	7.2
MAGELLAN (OD-4)	5.0	6.0	6.7	8.3	8.7	8.3	7.2
MATADOR	4.7	6.3	7.0	7.3	8.7	9.0	7.2
MUSTANG 3	6.0	7.0	6.7	7.3	8.0	8.0	7.2

TABLE 30. (CONT'D)

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD (TRAFFIC), NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
PST-53T	6.3	6.3	6.3	7.3	8.3	8.7	7.2
PST-57E	5.7	6.7	6.7	6.7	8.7	9.0	7.2
PST-5BAB	5.7	6.0	6.7	7.3	8.7	9.0	7.2
PST-5BZ	6.0	6.7	6.7	6.7	8.7	8.3	7.2
PST-5JM	5.7	6.7	6.7	7.3	8.3	8.3	7.2
PST-5TU0	5.3	6.3	6.7	7.7	8.7	8.7	7.2
RAPTOR (CIS-TF-33)	5.7	6.7	7.3	6.7	8.7	8.3	7.2
RENDITION	5.7	6.0	6.7	7.3	8.3	9.0	7.2
SOUTHERN CHOICE II	5.7	6.3	6.3	7.7	8.3	9.0	7.2
SRX 805	5.0	6.3	6.7	7.3	8.7	9.0	7.2
TEMPEST	5.0	6.3	6.3	8.0	8.7	9.0	7.2
CAS-ED	5.0	6.3	6.7	7.7	8.3	8.7	7.1
CIS-TF-65	5.0	6.7	6.7	7.0	8.3	8.7	7.1
CIS-TF-77	6.0	6.3	7.0	7.3	7.7	8.3	7.1
COCHISE III (018)	4.7	7.0	6.3	7.3	8.3	8.7	7.1
DLF-J210	5.0	6.3	7.0	7.7	8.3	8.3	7.1
DOMINION	4.3	5.7	7.3	7.7	8.7	8.7	7.1
GO-SIU2	5.0	5.3	7.0	7.3	8.7	9.0	7.1
KY-31 E+	5.0	6.3	7.0	8.0	7.7	8.3	7.1
LANCER	5.7	6.0	6.7	7.7	7.7	8.7	7.1
MRF 211	5.0	6.0	7.0	7.3	8.0	9.0	7.1
MRF 27	5.3	6.3	6.7	7.0	8.7	8.7	7.1
NA-TDD	5.0	6.7	7.0	6.7	8.3	8.7	7.1
PICK TF H-97	5.0	6.7	6.7	7.0	8.3	8.7	7.1
PURE GOLD	5.3	6.7	6.7	7.3	8.0	8.7	7.1
SCORPION	4.7	6.3	7.3	7.0	8.3	8.7	7.1
SR 8600	4.7	5.7	6.7	7.7	9.0	9.0	7.1
BAR FA 1003	5.7	6.3	6.7	7.0	7.7	8.7	7.0
JAGUAR 3	4.7	5.7	6.7	8.0	8.3	8.7	7.0
MRF 26	5.3	5.7	6.7	7.3	8.7	8.3	7.0
PICK ZMG	5.7	5.7	7.3	6.7	8.3	8.3	7.0
PST-5T1	5.0	5.7	6.3	8.3	8.0	8.7	7.0
REBEL EXEDA	5.0	6.3	6.3	7.3	8.3	8.7	7.0
01-TFOR3	4.3	6.7	6.0	7.3	8.7	8.7	6.9
BAR FA 1CR7	4.3	6.3	6.7	7.0	8.7	8.7	6.9
BRAVO	5.3	6.3	6.7	7.3	7.7	8.0	6.9
DP 50-9082	5.0	6.0	6.7	6.7	8.3	8.7	6.9
ENDEAVOR	5.3	6.0	6.7	6.7	8.0	8.7	6.9
FINESSE II	5.0	6.0	7.0	7.3	8.0	8.3	6.9
K01-WAF	5.0	6.3	6.3	7.3	8.3	8.3	6.9
KALAHARI	5.0	5.7	6.3	7.0	8.3	9.0	6.9
MRF 25	4.0	5.7	7.0	7.7	8.3	8.7	6.9
PROSEEDS 5301	5.0	5.7	6.3	7.0	8.3	9.0	6.9
PST-5KU	5.3	5.7	6.3	8.0	8.0	8.3	6.9
STETSON	4.7	5.7	7.0	7.7	8.3	8.3	6.9

TABLE 30. (CONT'D)

ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS
AT MEAD (TRAFFIC), NE 1/
2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	MEAN
TAR HEEL II (PST-5TR1)	5.0	5.7	6.3	7.0	8.7	8.7	6.9
TRACER	6.0	5.7	6.3	7.3	8.3	8.0	6.9
WATCHDOG	5.7	7.0	6.3	6.3	8.0	8.3	6.9
ATF 586	4.7	6.3	6.0	7.7	8.0	8.0	6.8
ATF 702	5.0	5.7	7.0	7.3	7.7	8.0	6.8
CAYENNE	6.3	6.0	6.3	7.3	7.0	8.0	6.8
FORTE (BE-2)	4.3	6.0	6.7	7.3	8.3	8.3	6.8
FIVE POINT (MCN-RC)	4.7	6.3	6.3	7.0	8.3	8.0	6.8
PICK-00-AFA	4.7	6.7	6.3	6.7	8.0	8.7	6.8
SILVERSTAR (PST-5ASR)	4.7	5.7	6.7	7.3	8.0	8.3	6.8
TITAN LTD.	4.3	6.0	7.0	7.3	8.0	8.0	6.8
UT-RB3	5.3	6.0	6.0	6.7	8.3	8.7	6.8
BAR FA 1005	4.7	6.0	6.0	8.3	7.3	8.0	6.7
BARLEXAS	4.7	6.3	6.7	6.7	8.0	7.7	6.7
CIS-TF-60	5.3	6.0	6.0	7.3	7.7	8.0	6.7
CIS-TF-67	4.3	6.3	6.7	6.3	8.0	8.3	6.7
DYNASTY	5.0	6.3	6.3	7.3	7.3	8.0	6.7
JUSTICE (RB2-01)	5.3	6.3	5.3	7.0	8.0	8.0	6.7
GREMLIN (P-58)	4.7	6.3	6.7	7.0	7.3	8.3	6.7
PLANTATION	5.7	6.7	6.0	6.3	7.7	8.0	6.7
SIGNIA	5.0	6.7	6.0	6.3	7.7	7.7	6.6
DAVINCI (LTP-7801)	4.7	5.3	5.7	7.3	8.0	8.0	6.5
MILLENNIUM	5.0	6.0	6.3	6.3	7.3	8.0	6.5
TULSA II (ATF 706)	5.3	5.3	6.0	6.7	7.3	8.3	6.5
FALCON IV (F-4)	5.0	5.7	5.7	6.7	7.3	7.7	6.3
LSD VALUE	1.4	1.3	1.0	1.0	1.0	0.8	0.7
C.V. (%)	14.2	10.1	8.6	8.1	6.3	4.6	5.4

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 31. PERCENT WEEDS (MARCH) RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
2002 DATA

NAME	TX1	NAME	TX1
ATF 702	30.0	DP 50-9082	20.0
PURE GOLD	30.0	DP 50-9226	20.0
ATF 586	26.7	DYNASTY	20.0
COVENANT (ATF 802)	26.7	EA 163	20.0
BILTMORE	26.7	GO-FL3	20.0
CIS-TF-64	26.7	GO-SIU2	20.0
FINESSE II	26.7	GUARDIAN-21 (ROBERTS DOL)	20.0
JT-12	26.7	JT-18	20.0
JT-6	26.7	JT-9	20.0
JTTFF-2000	26.7	K01-E03	20.0
PST-5BAB	26.7	KALAHARI	20.0
PST-5BZ	26.7	MA 127	20.0
PST-5TUO	26.7	MA 138	20.0
QUEST	26.7	MATADOR	20.0
REBEL SENTRY	26.7	MILLENNIUM	20.0
ATF 704	23.3	GREMLIN (P-58)	20.0
ATF 707	23.3	PICK-00-AFA	20.0
ATF 799	23.3	REBEL EXEDA	20.0
ATF-803	23.3	T991	20.0
BARRERA	23.3	TITAN LTD.	20.0
BARRINGTON	23.3	TOMAHAWK RT	20.0
CIS-TF-77	23.3	UT-155	20.0
CONSTITUTION (ATF-593)	23.3	01-ORU1	16.7
COYOTE	23.3	01-RUTOR2	16.7
JT-13	23.3	BONSAI	16.7
MA 158	23.3	BRAVO	16.7
MASTERPIECE	23.3	CAS-MC1	16.7
PROSPECT	23.3	CIS-TF-65	16.7
PST-5FZD	23.3	DAVINCI (LTP-7801)	16.7
PST-5KU	23.3	FALCON IV (F-4)	16.7
PST-DDL	23.3	GO-0D2	16.7
SIGNIA	23.3	GO-RD4	16.7
TRACER	23.3	JAGUAR 3	16.7
TULSA II (ATF 706)	23.3	JT-15	16.7
2ND MILLENNIUM	20.0	K01-8007	16.7
B-7001	20.0	K01-8015	16.7
BAR FA 1003	20.0	K01-WAF	16.7
BAR FA 1005	20.0	MRF 25	16.7
BAR FA 1CR7	20.0	MRF 27	16.7
BARLEXAS II	20.0	MRF 29	16.7
BE1	20.0	NA-TDD	16.7
CIS-TF-60	20.0	OLYMPIC GOLD	16.7
CIS-TF-67	20.0	PADRE (NJ4)	16.7
DAYTONA (MRF 23)	20.0	PICASSO	16.7

TABLE 31. PERCENT WEEDS (MARCH) RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
(CONT'D) 2002 DATA

NAME	TX1	NAME	TX1
PICK TF H-97	16.7	PLANTATION	13.3
PST-53T	16.7	PROSEEDS 5301	13.3
PST-5A1	16.7	PST-57E	13.3
PST-5JM	16.7	PST-5NAS	13.3
PST-5L0	16.7	R-4	13.3
PST-5S12	16.7	SILVERADO II (PST-578)	13.3
PST-5T1	16.7	SILVERSTAR (PST-5ASR)	13.3
RAPTOR (CIS-TF-33)	16.7	SRX 805	13.3
RENDITION	16.7	TAR HEEL	13.3
SCORPION	16.7	TF66	13.3
SOUTHERN CHOICE II	16.7	TITANIUM (SBM)	13.3
SR 8550 (SRX 8BE4)	16.7	UT-RB3	13.3
SR 8600	16.7	BINGO	10.0
TAR HEEL II (PST-5TR1)	16.7	BLACKWATCH (PICK-0D3-01)	10.0
WATCHDOG	16.7	FINELAWN ELITE (DLSO)	10.0
WYATT	16.7	DOMINION	10.0
01-TFOR3	13.3	FALCON II	10.0
ATF 806	13.3	FOCUS	10.0
ATF-800	13.3	FORTE (BE-2)	10.0
AVENGER (L1Z)	13.3	GRANDE II	10.0
BARLEXAS	13.3	INFERNO (JT-99)	10.0
TAHOE (CAS-157)	13.3	KITTY HAWK 2000	10.0
CAS-ED	13.3	KY-31 E+	10.0
CAYENNE	13.3	LANCER	10.0
COCHISE III (018)	13.3	LEGITIMATE	10.0
DLF-J210	13.3	MRF 211	10.0
ENDEAVOR	13.3	PST-5KI	10.0
JUSTICE (RB2-01)	13.3	REMBRANDT	10.0
K01-E09	13.3	ROBERTS SM4	10.0
LARAMIE	13.3	SOUTH PAW (MRF 24)	10.0
MAGELLAN (OD-4)	13.3	SR 8250	10.0
FIVE POINT (MCN-RC)	13.3	STETSON	10.0
MRF 210	13.3	TEMPEST	10.0
MRF 26	13.3	WOLFPACK	10.0
MRF 28	13.3	ELISA	6.7
MUSTANG 3	13.3		
PICK ZMG	13.3	LSD VALUE	18.9
		C.V. (%)	67.3

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 32. CANOPY HEIGHT MEASUREMENTS OF TALL FESCUE CULTIVARS 1/
2002 DATA

CANOPY HEIGHT MEASURED IN CENTIMETERS 2/

NAME	IL2	NAME	IL2
KY-31 E+	12.7	BARRERA	5.7
ELISA	9.0	FORTE (BE-2)	5.7
FALCON II	9.0	GO-RD4	5.7
LANCER	8.7	GRANDE II	5.7
GO-FL3	8.3	MRF 27	5.7
MILLENNIUM	8.0	PICASSO	5.7
REMBRANDT	7.7	PROSEEDS 5301	5.7
ENDEAVOR	7.3	PST-5L0	5.7
MASTERPIECE	7.3	PST-5NAS	5.7
DOMINION	7.0	TEMPEST	5.7
REBEL EXEDA	7.0	UT-155	5.7
BARLEXAS II	6.7	ATF 707	5.3
FOCUS	6.7	BAR FA 1005	5.3
GO-SIU2	6.7	COCHISE III (018)	5.3
JAGUAR 3	6.7	GUARDIAN-21 (ROBERTS DOL)	5.3
OLYMPIC GOLD	6.7	KALAHARI	5.3
PST-5S12	6.7	KITTY HAWK 2000	5.3
SILVERADO II (PST-578)	6.7	PROSPECT	5.3
SOUTHERN CHOICE II	6.7	PST-5JM	5.3
BARRINGTON	6.3	R-4	5.3
FINELAWN ELITE (DLSD)	6.3	01-RUTOR2	5.0
LEGITIMATE	6.3	ATF 704	5.0
MAGELLAN (OD-4)	6.3	BARLEXAS	5.0
SILVERSTAR (PST-5ASR)	6.3	BLACKWATCH (PICK-0D3-01)	5.0
SOUTH PAW (MRF 24)	6.3	CIS-TF-67	5.0
SR 8600	6.3	FALCON IV (F-4)	5.0
TULSA II (ATF 706)	6.3	JUSTICE (RB2-01)	5.0
2ND MILLENNIUM	6.0	K01-E03	5.0
ATF-803	6.0	K01-E09	5.0
BE1	6.0	MA 127	5.0
BILTMORE	6.0	MA 138	5.0
BRAVO	6.0	FIVE POINT (MCN-RC)	5.0
CIS-TF-65	6.0	NA-TDD	5.0
DLF-J210	6.0	PST-57E	5.0
GO-0D2	6.0	PST-5T1	5.0
MRF 25	6.0	T991	5.0
PICK-00-AFA	6.0	TAR HEEL II (PST-5TR1)	5.0
PLANTATION	6.0	TITANIUM (SBM)	5.0
ROBERTS SM4	6.0	TRACER	5.0
STETSON	6.0	WOLFPACK	5.0
TAR HEEL	6.0	ATF 586	4.7
TF66	6.0	B-7001	4.7
TOMAHAWK RT	6.0	BAR FA 1003	4.7
01-TFOR3	5.7	BAR FA 1CR7	4.7
		BINGO	4.7

TABLE 32. CANOPY HEIGHT MEASUREMENTS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2002 DATA

CANOPY HEIGHT MEASURED IN CENTIMETERS 2/

NAME	IL2	NAME	IL2
CAS-MC1	4.7	JT-13	4.0
CONSTITUTION (ATF-593)	4.7	JT-15	4.0
DP 50-9226	4.7	JT-6	4.0
KO1-WAF	4.7	KO1-8007	4.0
MUSTANG 3	4.7	LARAMIE	4.0
PADRE (NJ4)	4.7	MATADOR	4.0
PST-5KI	4.7	MRF 211	4.0
PST-5KU	4.7	MRF 26	4.0
REBEL SENTRY	4.7	MRF 29	4.0
SIGNIA	4.7	PICK TF H-97	4.0
WATCHDOG	4.7	PICK ZMG	4.0
O1-ORU1	4.3	PST-5BZ	4.0
ATF 799	4.3	QUEST	4.0
ATF 806	4.3	SR 8250	4.0
AVENGER (L1Z)	4.3	SRX 805	4.0
CAS-ED	4.3	TAHOE (CAS-157)	3.7
CIS-TF-60	4.3	CIS-TF-64	3.7
DAVINCI (LTP-7801)	4.3	JT-12	3.7
DAYTONA (MRF 23)	4.3	JT-9	3.7
FINESSE II	4.3	JTTFF-2000	3.7
INFERNO (JT-99)	4.3	MA 158	3.7
GREMLIN (P-58)	4.3	MRF 210	3.7
PST-5BAB	4.3	MRF 28	3.7
PST-5FZD	4.3	PST-53T	3.7
PST-DDL	4.3	PST-5A1	3.7
RENDITION	4.3	PST-5TU0	3.7
SCORPION	4.3	SR 8550 (SRX 8BE4)	3.7
UT-RB3	4.3	TITAN LTD.	3.7
ATF 702	4.0	WYATT	3.7
COVENANT (ATF 802)	4.0	DP 50-9082	3.3
ATF-800	4.0	KO1-8015	3.3
BONSAI	4.0	JT-18	3.0
CAYENNE	4.0	RAPTOR (CIS-TF-33)	3.0
CIS-TF-77	4.0	PURE GOLD	2.7
COYOTE	4.0		
DYNASTY	4.0	LSD VALUE	2.5
EA 163	4.0	C.V. (%)	30.8

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. PERCENT PINK PATCH RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
2002 DATA

NAME	GA1	NAME	GA1
LANCER	30.0	SRX 805	16.7
MATADOR	23.3	TITANIUM (SBM)	16.7
ATF 707	21.7	TULSA II (ATF 706)	16.7
DAYTONA (MRF 23)	21.7	WYATT	16.7
ENDEAVOR	21.7	ATF 704	15.0
PADRE (NJ4)	21.7	BAR FA 1003	15.0
PST-5NAS	21.7	BARLEXAS II	15.0
SCORPION	21.7	BARRINGTON	15.0
COVENANT (ATF 802)	20.0	BILTMORE	15.0
BAR FA 1CR7	20.0	BLACKWATCH (PICK-0D3-01)	15.0
BARLEXAS	20.0	CIS-TF-77	15.0
CIS-TF-64	20.0	FINELAWN ELITE (DLSO)	15.0
FOCUS	20.0	DOMINION	15.0
K01-E09	20.0	EA 163	15.0
K01-WAF	20.0	FALCON II	15.0
MRF 210	20.0	JT-15	15.0
OLYMPIC GOLD	20.0	JT-6	15.0
PICK ZMG	20.0	KY-31 E+	15.0
PLANTATION	20.0	MA 138	15.0
STETSON	20.0	MRF 29	15.0
01-TFOR3	18.3	PICASSO	15.0
BARRERA	18.3	PST-5KI	15.0
COCHISE III (018)	18.3	PST-5L0	15.0
CONSTITUTION (ATF-593)	18.3	PST-5S12	15.0
MAGELLAN (OD-4)	18.3	R-4	15.0
FIVE POINT (MCN-RC)	18.3	SOUTHERN CHOICE II	15.0
QUEST	18.3	TAR HEEL	15.0
SOUTH PAW (MRF 24)	18.3	UT-RB3	15.0
SR 8250	18.3	INFERNO (JT-99)	14.7
TF66	18.3	2ND MILLENNIUM	13.3
TRACER	18.3	ATF-803	13.3
AVENGER (L1Z)	16.7	BAR FA 1005	13.3
BRAVO	16.7	TAHOE (CAS-157)	13.3
CAS-MC1	16.7	CIS-TF-60	13.3
CIS-TF-65	16.7	DAVINCI (LTP-7801)	13.3
JAGUAR 3	16.7	DLF-J210	13.3
JT-13	16.7	ELISA	13.3
JT-18	16.7	FALCON IV (F-4)	13.3
JTTFF-2000	16.7	K01-8007	13.3
LARAMIE	16.7	KITTY HAWK 2000	13.3
MUSTANG 3	16.7	LEGITIMATE	13.3
PST-5A1	16.7	MA 127	13.3
PST-5TU0	16.7	MA 158	13.3
PST-DDL	16.7	PICK TF H-97	13.3
		PROSEEDS 5301	13.3

TABLE 33. PERCENT PINK PATCH RATINGS OF TALL FESCUE CULTIVARS 1/ 2/
(CONT'D) 2002 DATA

NAME	GA1	NAME	GA1
PROSPECT	13.3	B-7001	10.0
PST-5BZ	13.3	BINGO	10.0
PST-5FZD	13.3	BONSAI	10.0
PST-5JM	13.3	CIS-TF-67	10.0
RENDITION	13.3	DP 50-9082	10.0
SR 8600	13.3	DP 50-9226	10.0
T991	13.3	FINESSE II	10.0
TEMPEST	13.3	FORTE (BE-2)	10.0
WATCHDOG	13.3	GO-FL3	10.0
WOLFPACK	13.3	GUARDIAN-21 (ROBERTS DOL)	10.0
CAYENNE	11.7	JUSTICE (RB2-01)	10.0
COYOTE	11.7	KALAHARI	10.0
DYNASTY	11.7	MILLENNIUM	10.0
GRANDE II	11.7	MRF 28	10.0
JT-12	11.7	NA-TDD	10.0
K01-8015	11.7	PST-5T1	10.0
K01-E03	11.7	REBEL SENTRY	10.0
MASTERPIECE	11.7	ROBERTS SM4	10.0
MRF 211	11.7	SIGNIA	10.0
MRF 26	11.7	SILVERSTAR (PST-5ASR)	10.0
MRF 27	11.7	TITAN LTD.	10.0
GREMLIN (P-58)	11.7	CAS-ED	8.3
PST-57E	11.7	GO-0D2	8.3
PST-5BAB	11.7	GO-RD4	8.3
PST-5KU	11.7	GO-SIU2	8.3
RAPTOR (CIS-TF-33)	11.7	JT-9	8.3
REBEL EXEDA	11.7	PST-53T	8.3
REMBRANDT	11.7	PURE GOLD	8.3
SR 8550 (SRX 8BE4)	11.7	TAR HEEL II (PST-5TR1)	8.3
UT-155	11.7	TOMAHAWK RT	8.3
01-ORU1	10.0	PICK-00-AFA	6.7
01-RUTOR2	10.0	SILVERADO II (PST-578)	6.7
ATF 586	10.0	BE1	5.0
ATF 702	10.0	MRF 25	5.0
ATF 799	10.0		
ATF 806	10.0	LSD VALUE	10.0
ATF-800	10.0	C.V. (%)	44.5

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 34.

PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
 AT FAYETTEVILLE, AR 1/ 2/
 2002 DATA

NAME	AUG	SEP	MEAN	NAME	AUG	SEP	MEAN
PICK TF H-97	49.0	40.0	44.5	01-RUTOR2	36.3	21.3	28.8
ATF 806	42.7	44.0	43.3	PST-5BAB	38.3	19.3	28.8
JTTF-2000	52.0	34.0	43.0	FOCUS	35.0	22.3	28.7
DP 50-9082	50.3	33.7	42.0	PICK-00-AFA	32.7	24.7	28.7
DP 50-9226	46.3	33.3	39.8	JT-18	31.7	25.3	28.5
COVENANT (ATF 802)	38.0	40.7	39.3	PROSPECT	29.0	28.0	28.5
UT-155	38.7	39.0	38.8	REBEL SENTRY	31.7	24.7	28.2
BARRINGTON	40.3	37.0	38.7	FORTE (BE-2)	31.3	24.0	27.7
K01-8015	45.7	31.0	38.3	JT-13	28.7	26.3	27.5
MRF 25	49.0	26.0	37.5	BRAVO	31.0	23.7	27.3
BONSAI	37.0	37.0	37.0	JUSTICE (RB2-01)	31.7	23.0	27.3
DYNASTY	53.7	20.0	36.8	LARAMIE	35.7	19.0	27.3
K01-8007	36.3	36.3	36.3	FINESSE II	42.7	11.7	27.2
PST-57E	44.3	28.3	36.3	MRF 28	24.3	30.0	27.2
TAHOE (CAS-157)	40.7	31.7	36.2	TRACER	27.0	27.3	27.2
CIS-TF-64	44.7	26.3	35.5	BAR FA 1005	33.7	20.3	27.0
K01-E09	44.7	25.3	35.0	PST-5KU	28.7	25.0	26.8
MA 127	30.7	39.0	34.8	DAVINCI (LTP-7801)	31.3	22.0	26.7
SRX 805	41.7	27.0	34.3	2ND MILLENNIUM	31.3	21.3	26.3
K01-E03	46.3	21.7	34.0	CONSTITUTION (ATF-593)	35.0	17.7	26.3
PST-5TU0	39.3	27.3	33.3	LANCER	37.7	15.0	26.3
ATF 707	38.0	27.3	32.7	KALAHARI	38.3	14.0	26.2
ATF 799	35.3	29.3	32.3	MRF 27	21.0	31.3	26.2
BARLEXAS II	33.3	31.3	32.3	PST-5KI	30.0	22.3	26.2
SR 8550 (SRX 8BE4)	40.0	24.0	32.0	MA 158	26.3	25.7	26.0
TULSA II (ATF 706)	34.7	29.0	31.8	PST-5L0	34.0	18.0	26.0
SOUTH PAW (MRF 24)	42.0	20.0	31.0	PURE GOLD	27.0	25.0	26.0
BARLEXAS	37.0	24.7	30.8	QUEST	29.3	22.3	25.8
BARRERA	39.7	22.0	30.8	TF66	22.3	29.3	25.8
JT-15	33.7	28.0	30.8	ATF-803	23.3	28.0	25.7
PST-DDL	37.3	24.0	30.7	DOMINION	25.0	26.3	25.7
BLACKWATCH (PICK-0D3-01)	40.3	20.7	30.5	UT-RB3	34.7	16.7	25.7
CIS-TF-77	34.3	26.3	30.3	EA 163	23.7	27.3	25.5
KITTY HAWK 2000	42.7	18.0	30.3	FALCON IV (F-4)	33.3	17.7	25.5
MRF 29	42.7	18.0	30.3	R-4	25.0	26.0	25.5
GREMLIN (P-58)	38.7	22.0	30.3	SILVERSTAR (PST-5ASR)	26.0	25.0	25.5
WATCHDOG	36.0	24.3	30.2	GO-FL3	35.0	15.7	25.3
ATF 586	40.7	19.0	29.8	JAGUAR 3	25.0	25.7	25.3
ATF 704	37.0	22.3	29.7	BILTMORE	23.3	27.0	25.2
MATADOR	38.3	20.7	29.5	CAYENNE	24.3	26.0	25.2
COCHISE III (018)	34.3	24.3	29.3	AVENGER (L1Z)	35.7	14.3	25.0
MRF 211	37.0	21.3	29.2	TOMAHAWK RT	22.0	28.0	25.0
CIS-TF-65	34.0	24.0	29.0	TITANIUM (SBM)	27.0	22.7	24.8
ELISA	28.7	29.3	29.0	CIS-TF-60	31.7	17.7	24.7
01-ORU1	33.7	24.0	28.8	PICK ZMG	23.3	25.7	24.5

TABLE 34.
(CONT'D)

PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT FAYETTEVILLE, AR 1/
2002 DATA

NAME	AUG	SEP	MEAN	NAME	AUG	SEP	MEAN
CAS-ED	24.0	24.7	24.3	GRANDE II	30.0	12.0	21.0
PST-5T1	30.3	18.0	24.2	BINGO	25.3	16.3	20.8
DLF-J210	26.0	22.0	24.0	MRF 210	24.0	17.7	20.8
MUSTANG 3	23.7	24.3	24.0	CAS-MC1	26.3	15.0	20.7
TAR HEEL II (PST-5TR1)	25.3	22.0	23.7	FIVE POINT (MCN-RC)	27.0	14.3	20.7
WOLFPACK	32.3	15.0	23.7	PST-53T	20.0	21.3	20.7
CIS-TF-67	31.0	16.0	23.5	TEMPEST	19.0	22.3	20.7
DAYTONA (MRF 23)	25.7	21.3	23.5	BAR FA 1003	21.7	19.3	20.5
PST-5BZ	29.3	17.7	23.5	GUARDIAN-21 (ROBERTS DOL)	26.0	14.3	20.2
COYOTE	25.7	21.0	23.3	MRF 26	19.3	20.7	20.0
GO-SIU2	23.7	23.0	23.3	BE1	18.3	21.3	19.8
SR 8250	16.0	30.7	23.3	SOUTHERN CHOICE II	18.3	20.3	19.3
JT-12	29.3	16.7	23.0	GO-RD4	19.7	18.7	19.2
MAGELLAN (OD-4)	24.7	21.3	23.0	B-7001	19.7	18.3	19.0
PADRE (NJ4)	29.3	16.7	23.0	PLANTATION	15.7	22.3	19.0
LEGITIMATE	22.7	23.0	22.8	T991	18.7	19.3	19.0
MA 138	24.3	21.3	22.8	ENDEAVOR	20.3	17.3	18.8
PROSEEDS 5301	20.3	25.3	22.8	SIGNIA	19.0	18.7	18.8
REMBRANDT	32.3	13.3	22.8	NA-TDD	14.0	23.3	18.7
ATF 702	27.7	17.7	22.7	SILVERADO II (PST-578)	20.0	17.0	18.5
JT-6	21.3	24.0	22.7	KO1-WAF	15.0	21.7	18.3
REBEL EXEDA	21.3	24.0	22.7	MILLENNIUM	16.3	19.0	17.7
FINELAWN ELITE (DLSD)	21.7	23.3	22.5	TITAN LTD.	12.3	23.0	17.7
GO-OD2	25.0	19.3	22.2	FALCON II	12.3	22.3	17.3
PST-5FZD	36.7	7.7	22.2	PICASSO	13.3	21.3	17.3
RAPTOR (CIS-TF-33)	26.0	18.3	22.2	STETSON	17.3	17.3	17.3
RENDITION	20.7	23.3	22.0	MASTERPIECE	20.0	14.3	17.2
SCORPION	25.7	18.3	22.0	PST-5JM	17.3	16.3	16.8
SR 8600	25.0	19.0	22.0	ROBERTS SM4	12.3	20.3	16.3
ATF-800	20.0	23.7	21.8	PST-5NAS	19.7	12.3	16.0
BAR FA 1CR7	22.3	21.3	21.8	JT-9	9.3	22.3	15.8
WYATT	24.0	19.7	21.8	KY-31 E+	13.0	15.7	14.3
01-TFOR3	22.7	20.7	21.7	PST-5A1	10.7	16.0	13.3
INFERNO (JT-99)	28.0	15.3	21.7				
OLYMPIC GOLD	22.7	20.7	21.7	LSD VALUE	46.0	28.3	26.1
PST-5S12	21.7	21.3	21.5	C.V. (%)	48.7	40.4	35.3
TAR HEEL	20.7	22.3	21.5				

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 35.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT RALEIGH, NC 1/
2002 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
BLACKWATCH (PICK-0D3-01)	9	9.0	8.3	8.7	9.0	8.8
DAVINCI (LTP-7801)	9	9.0	8.0	8.3	9.0	8.7
PST-5T1	9	9.0	8.3	8.3	9.0	8.7
CAYENNE	9	9.0	8.3	8.3	8.3	8.6
K01-WAF	9	9.0	8.0	8.3	8.7	8.6
PROSPECT	9	9.0	8.7	7.7	8.7	8.6
PST-5L0	9	9.0	8.3	8.0	8.7	8.6
REBEL EXEDA	9	9.0	8.0	8.3	8.7	8.6
SIGNIA	9	9.0	8.3	8.0	8.7	8.6
SILVERADO II (PST-578)	9	9.0	8.3	8.3	8.3	8.6
SR 8550 (SRX 8BE4)	9	9.0	8.7	7.7	8.7	8.6
TAR HEEL II (PST-5TR1)	9	9.0	8.3	8.0	8.7	8.6
01-TFOR3	9	9.0	8.3	7.7	8.3	8.5
BINGO	9	9.0	8.7	7.7	8.3	8.5
CIS-TF-77	9	9.0	8.0	8.0	8.3	8.5
COYOTE	9	9.0	8.0	7.7	8.7	8.5
GRANDE II	9	9.0	8.3	7.0	9.0	8.5
JT-18	9	8.7	8.0	8.0	8.7	8.5
K01-E09	9	9.0	8.0	7.7	8.7	8.5
LEGITIMATE	9	9.0	8.0	8.0	8.3	8.5
MRF 29	9	9.0	8.0	7.7	8.7	8.5
PST-53T	9	9.0	8.0	7.7	9.0	8.5
PST-5FZD	9	9.0	8.0	8.0	8.3	8.5
PST-5KI	9	9.0	8.0	7.7	9.0	8.5
PST-5S12	9	8.7	8.3	7.7	8.7	8.5
TITANIUM (SBM)	9	9.0	8.0	8.0	8.3	8.5
UT-RB3	9	8.3	7.7	8.3	9.0	8.5
01-ORU1	9	9.0	8.0	8.3	7.7	8.4
2ND MILLENNIUM	9	8.7	7.7	8.3	8.3	8.4
ATF 702	9	8.7	7.7	8.3	8.3	8.4
BAR FA 1005	9	9.0	7.7	7.7	8.7	8.4
CIS-TF-65	9	9.0	7.3	8.0	8.7	8.4
ENDEAVOR	9	9.0	8.0	7.3	8.7	8.4
FOCUS	9	8.7	7.7	8.3	8.3	8.4
JT-6	9	9.0	8.7	7.3	8.0	8.4
MRF 211	9	9.0	8.0	7.3	8.7	8.4
MRF 27	9	8.7	7.7	7.7	9.0	8.4
PLANTATION	9	8.7	8.3	7.7	8.3	8.4
PST-5BAB	9	9.0	8.3	7.0	8.7	8.4
PST-5JM	9	9.0	7.3	8.0	8.7	8.4
PST-5KU	9	8.7	7.7	8.0	8.7	8.4
TF66	9	9.0	8.7	8.0	7.3	8.4
TRACER	9	9.0	8.0	7.7	8.3	8.4
ATF-800	9	9.0	7.7	8.3	7.3	8.3
B-7001	9	9.0	8.0	7.3	8.0	8.3

TABLE 35.
(CONT'D)BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT RALEIGH, NC 1/
2002 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
BE1	9	9.0	7.7	7.3	8.7	8.3
CAS-MC1	9	8.7	7.7	7.0	9.0	8.3
CIS-TF-60	9	8.7	8.0	7.7	8.0	8.3
CIS-TF-67	9	8.7	7.3	7.7	8.7	8.3
DLF-J210	9	9.0	8.0	7.7	8.0	8.3
FINESSE II	9	9.0	8.0	7.0	8.3	8.3
GO-OD2	9	9.0	8.0	7.7	8.0	8.3
GUARDIAN-21 (ROBERTS DOL)	9	9.0	8.0	7.7	8.0	8.3
JT-15	9	9.0	7.7	7.7	8.3	8.3
JT-9	9	9.0	8.0	7.0	8.3	8.3
JUSTICE (RB2-01)	9	9.0	8.3	6.7	8.3	8.3
KITTY HAWK 2000	9	8.7	7.7	7.7	8.3	8.3
MUSTANG 3	9	9.0	8.3	7.0	8.0	8.3
NA-TDD	9	9.0	7.3	7.7	8.7	8.3
OLYMPIC GOLD	9	9.0	8.0	7.3	8.0	8.3
GREMLIN (P-58)	9	9.0	8.0	7.7	7.7	8.3
PADRE (NJ4)	9	9.0	8.0	7.0	8.3	8.3
PST-5NAS	9	8.7	7.7	8.0	8.0	8.3
PURE GOLD	9	9.0	8.3	7.3	7.7	8.3
REBEL SENTRY	9	9.0	7.7	7.3	8.7	8.3
SCORPION	9	8.7	8.0	7.3	8.3	8.3
SILVERSTAR (PST-5ASR)	9	9.0	8.0	7.7	8.0	8.3
SR 8600	9	9.0	8.0	7.0	8.3	8.3
SRX 805	9	9.0	7.3	7.3	8.7	8.3
T991	9	9.0	8.0	7.7	8.0	8.3
ATF 704	9	9.0	8.0	7.3	7.7	8.2
BARRINGTON	9	8.7	7.7	7.3	8.3	8.2
BILTMORE	9	9.0	7.7	7.0	8.3	8.2
CIS-TF-64	9	9.0	7.3	7.3	8.3	8.2
COCHISE III (018)	9	8.3	8.0	7.3	8.3	8.2
FINELAWN ELITE (DLSO)	9	9.0	8.0	7.0	8.0	8.2
FORTE (BE-2)	9	9.0	7.7	7.0	8.3	8.2
JAGUAR 3	9	9.0	7.7	7.3	8.0	8.2
JT-13	9	9.0	7.3	7.0	8.7	8.2
K01-8015	9	8.3	8.0	7.7	8.0	8.2
MA 127	9	9.0	7.7	7.0	8.3	8.2
MASTERPIECE	9	9.0	8.0	7.3	7.7	8.2
MRF 26	9	9.0	7.0	7.7	8.3	8.2
PICASSO	9	8.7	7.7	7.3	8.3	8.2
PICK-00-AFA	9	9.0	8.0	7.3	7.7	8.2
PST-5TUO	9	9.0	8.3	6.7	8.0	8.2
PST-DDL	9	9.0	7.7	7.0	8.3	8.2
QUEST	9	9.0	7.7	7.3	8.0	8.2
SOUTH PAW (MRF 24)	9	9.0	8.0	7.0	8.0	8.2
ATF 799	9	9.0	7.7	7.0	8.0	8.1

TABLE 35.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT RALEIGH, NC 1/
2002 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
COVENANT (ATF 802)	9.0	8.3	7.7	7.7	8.0	8.1
BAR FA 1003	9.0	9.0	7.7	7.0	8.0	8.1
BAR FA 1CR7	9.0	9.0	7.0	7.7	7.7	8.1
TAHOE (CAS-157)	9.0	8.7	7.7	7.7	7.7	8.1
CAS-ED	9.0	9.0	7.7	6.3	8.3	8.1
DYNASTY	9.0	9.0	8.3	6.3	8.0	8.1
FALCON IV (F-4)	9.0	9.0	7.3	7.3	8.0	8.1
INFERNO (JT-99)	8.7	8.7	8.0	7.7	7.7	8.1
JT-12	9.0	9.0	7.7	6.7	8.3	8.1
K01-E03	9.0	9.0	8.0	7.0	7.7	8.1
KALAHARI	9.0	9.0	7.3	6.7	8.3	8.1
MAGELLAN (OD-4)	9.0	9.0	7.3	7.3	8.0	8.1
MATADOR	9.0	8.7	7.3	7.3	8.0	8.1
MRF 25	9.0	9.0	7.3	7.7	7.7	8.1
MRF 28	9.0	9.0	7.7	6.7	8.0	8.1
PROSEEDS 5301	9.0	9.0	8.0	7.0	7.3	8.1
PST-5A1	9.0	8.3	8.0	7.0	8.3	8.1
RENDITION	9.0	8.7	7.7	7.3	8.0	8.1
ROBERTS SM4	9.0	9.0	7.7	7.0	8.0	8.1
STETSON	9.0	8.7	7.7	7.7	7.3	8.1
TAR HEEL	9.0	9.0	8.0	7.0	7.3	8.1
TEMPEST	9.0	9.0	7.3	7.0	8.3	8.1
UT-155	9.0	9.0	8.0	7.0	7.7	8.1
WATCHDOG	9.0	9.0	7.7	7.3	7.3	8.1
WOLFPACK	9.0	8.3	7.7	8.0	7.7	8.1
WYATT	9.0	8.3	8.0	7.3	7.7	8.1
01-RUTOR2	9.0	8.3	7.7	7.0	8.0	8.0
ATF-803	9.0	9.0	7.3	7.0	7.7	8.0
CONSTITUTION (ATF-593)	9.0	9.0	7.3	7.0	7.7	8.0
DOMINION	9.0	9.0	8.3	6.3	7.3	8.0
DP 50-9226	9.0	8.3	7.3	7.0	8.3	8.0
FALCON II	9.0	9.0	8.0	6.7	7.3	8.0
GO-RD4	9.0	9.0	7.7	7.0	7.3	8.0
GO-SIU2	9.0	8.7	7.3	7.0	8.0	8.0
K01-8007	9.0	8.3	7.3	8.0	7.3	8.0
PST-57E	9.0	8.7	7.3	7.3	7.7	8.0
R-4	9.0	9.0	7.7	6.3	8.0	8.0
RAPTOR (CIS-TF-33)	9.0	9.0	7.7	7.0	7.3	8.0
REMBRANDT	9.0	9.0	7.7	7.0	7.3	8.0
ATF 806	9.0	9.0	7.3	6.3	7.7	7.9
AVENGER (L1Z)	9.0	9.0	7.3	7.0	7.3	7.9
BARLEXAS	9.0	9.0	7.7	7.0	7.0	7.9
BARLEXAS II	9.0	8.3	7.3	6.7	8.0	7.9
BARRERA	9.0	9.0	7.7	7.0	7.0	7.9
FIVE POINT (MCN-RC)	9.0	9.0	7.7	6.7	7.0	7.9

TABLE 35.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT RALEIGH, NC 1/
2002 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
MILLENNIUM	9.0	8.0	7.3	7.0	8.0	7.9
MRF 210	9.0	9.0	7.7	7.0	7.0	7.9
PICK ZMG	9.0	9.0	7.7	6.3	7.7	7.9
SOUTHERN CHOICE II	9.0	8.0	7.7	7.0	8.0	7.9
SR 8250	8.3	8.7	7.7	7.3	7.7	7.9
BONSAI	9.0	8.3	7.3	7.7	6.7	7.8
DP 50-9082	9.0	8.0	8.0	6.7	7.3	7.8
KY-31 E+	9.0	8.3	7.3	6.7	7.7	7.8
MA 158	9.0	9.0	7.7	6.3	7.0	7.8
TITAN LTD.	9.0	9.0	7.3	6.7	7.0	7.8
ATF 586	9.0	8.7	7.3	6.7	7.0	7.7
BRAVO	9.0	9.0	7.3	6.3	7.0	7.7
DAYTONA (MRF 23)	9.0	9.0	7.3	6.0	7.0	7.7
EA 163	9.0	8.7	7.0	7.0	6.7	7.7
GO-FL3	9.0	8.0	7.3	6.7	7.3	7.7
MA 138	9.0	9.0	7.0	6.7	6.7	7.7
PST-5BZ	9.0	9.0	7.3	5.7	7.3	7.7
ATF 707	9.0	8.3	7.3	6.3	7.0	7.6
LANCER	9.0	9.0	6.7	6.3	6.7	7.5
LARAMIE	9.0	8.7	7.0	6.0	6.7	7.5
TULSA II (ATF 706)	9.0	8.3	7.0	6.3	7.0	7.5
JTTF-2000	9.0	7.7	7.0	7.0	6.3	7.4
PICK TF H-97	9.0	9.0	7.7	6.3	4.7	7.3
TOMAHAWK RT	9.0	9.0	7.3	5.7	5.7	7.3
ELISA	9.0	8.7	7.7	5.7	4.7	7.1
LSD VALUE	0.5	1.2	2.0	1.9	1.4	0.6
C.V. (%)	1.1	4.6	7.8	11.2	9.6	4.1

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS
 IN THE 2001 NATIONAL TALL FESCUE TEST
 2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	HIGHEST RANK 4/	LOWEST RANK 5/	MAXIMUM RANK 6/	IN TOP 25% 7/
01-ORU1	5.9	23	1716	29	2	155	46.4
01-RUTOR2	5.8	58	2091	60	5	152	28.6
01-TFOR3	5.5	143	3040	149	41	158	3.6
2ND MILLENNIUM	6.0	10	1218	5	3	125	57.1
ATF 586	5.5	149	2822	137	23	160	14.3
ATF 702	5.6	111	2558	114	16	156	7.1
ATF 704	5.7	103	2461	104	7	154	14.3
ATF 707	5.4	151	3125	151	20	156	3.6
ATF 799	5.7	90	2459	103	22	155	14.3
ATF 802	5.5	142	2923	144	24	153	7.1
ATF 806	5.5	147	3045	150	19	157	3.6
ATF-800	5.7	97	2267	79	11	154	28.6
ATF-803	5.6	114	2619	119	7	144	14.3
AVENGER (L1Z)	6.0	5	1366	8	2	144	50.0
B-7001	5.8	60	2183	72	2	147	10.7
BAR FA 1003	5.7	102	2390	93	22	159	17.9
BAR FA 1005	5.8	54	2000	50	4	156	39.3
BAR FA 1CR7	5.6	129	2674	127	4	157	10.7
BARLEXAS	5.6	128	2622	120	18	159	10.7
BARLEXAS II	5.7	85	2365	88	14	159	25.0
BARRERA	5.7	76	2376	91	5	148	17.9
BARRINGTON	5.7	87	2296	81	18	151	21.4
BE1	6.0	13	1346	7	5	133	42.9
BILTMORE	5.9	37	1941	44	8	158	35.7
BINGO	6.0	14	1581	19	2	141	32.1
BLACKWATCH (PICK-0D3-01)	6.0	6	1134	3	2	103	57.1
BONSAI	5.1	159	3746	159	34	160	7.1
BRAVO	5.6	116	2566	115	11	154	7.1
TAHOE (CAS-157)	5.8	49	2013	52	18	140	21.4
CAS-ED	5.7	84	2340	85	10	159	14.3
CAS-MC1	5.9	16	1576	18	1	141	42.9
CAYENNE	5.9	25	1619	21	1	159	42.9
CIS-TF-60	5.7	80	2393	94	3	160	25.0
CIS-TF-64	5.6	125	2801	135	34	156	10.7
CIS-TF-65	5.8	44	1982	49	3	141	17.9
CIS-TF-67	5.9	26	1555	16	4	146	46.4
CIS-TF-77	5.7	77	2194	74	9	156	14.3
COCHISE III (018)	6.0	11	1499	13	2	144	42.9
CONSTITUTION (ATF-593)	5.8	52	1946	45	9	137	17.9
COYOTE	5.6	110	2458	102	12	156	17.9
DAVINCI (LTP-7801)	6.0	9	1409	9	1	156	46.4
DAYTONA (MRF 23)	5.6	121	2679	128	19	159	3.6
DLF-J210	5.6	126	2665	126	5	157	14.3
FINELAWN ELITE (DLSO)	6.0	7	1410	10	1	145	53.6
DOMINION	5.6	127	2556	113	31	156	7.1

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST
 2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ALL LOCATIONS		SUM OF RANKS 3/	STATISTICS FOR ALL LOCATIONS			MAXIMUM IN TOP 25% 7/
	MEAN 1/	RANK 2/		HIGHEST RANK 4/	LOWEST RANK 5/	RANK 6/	
DP 50-9082	5.2	158	3715	158	46	159	0.0
DP 50-9226	5.5	144	2974	146	34	160	3.6
DYNASTY	5.7	105	2338	84	4	157	25.0
EA 163	5.8	74	2298	82	3	157	21.4
ELISA	5.4	152	2867	141	1	159	14.3
ENDEAVOR	5.7	94	2307	83	10	150	17.9
FALCON IV (F-4)	6.1	1	1122	2	1	152	64.3
FALCON II	5.6	134	2712	130	4	154	10.7
FINESSE II	5.6	123	2665	126	1	160	10.7
FOCUS	5.8	50	2021	53	2	141	25.0
FORTE (BE-2)	5.9	35	1697	27	9	147	46.4
GO-FL3	5.3	157	3386	156	7	159	3.6
GO-OD2	5.8	63	2114	63	18	156	28.6
GO-RD4	5.4	150	3194	152	47	158	0.0
GO-SIU2	5.3	156	3387	157	34	159	3.6
GRANDE II	5.9	15	1502	14	3	146	42.9
GUARDIAN-21 (ROBERTS DOL)	5.9	31	1911	42	5	143	39.3
INFERNO (JT-99)	6.0	4	1463	12	2	155	46.4
JAGUAR 3	5.7	81	2245	78	3	141	17.9
JT-12	5.6	131	2839	140	46	159	0.0
JT-13	5.5	141	2878	142	22	159	7.1
JT-15	5.7	100	2659	124	31	157	7.1
JT-18	5.5	140	2715	131	24	159	7.1
JT-6	5.7	93	2433	100	12	159	21.4
JT-9	5.6	117	2483	106	2	159	17.9
JTTF-2000	5.4	153	3206	153	28	159	7.1
JUSTICE (RB2-01)	6.1	3	1021	1	1	147	67.9
K01-8007	5.6	132	2801	135	22	160	14.3
K01-8015	5.9	20	1721	30	1	147	35.7
K01-E03	5.8	72	2398	97	1	147	25.0
K01-E09	5.7	92	2551	112	4	148	10.7
K01-WAF	6.0	8	1252	6	2	147	60.7
KALAHARI	5.8	48	2159	70	1	159	28.6
KITTY HAWK 2000	5.6	118	2570	116	6	145	14.3
KY-31 E+	4.3	160	4097	160	33	160	3.6
LANCER	5.3	155	3338	155	9	159	10.7
LARAMIE	5.6	136	2776	132	22	154	7.1
LEGITIMATE	5.6	137	2838	139	7	159	14.3
MA 127	5.8	61	2240	77	6	141	25.0
MA 138	5.8	55	2084	58	5	145	21.4
MA 158	5.6	122	2624	122	9	152	3.6
MAGELLAN (OD-4)	5.9	32	1777	35	3	156	32.1
MASTERPIECE	5.9	33	1711	28	8	140	28.6
MATADOR	5.8	65	2128	65	24	138	14.3
FIVE POINT (MCN-RC)	5.9	39	1791	38	11	148	35.7

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST
 2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	STATISTICS FOR ALL LOCATIONS						
	ALL LOCATIONS MEAN 1/	RANK 2/	SUM OF RANKS 3/	HIGHEST RANK 4/	LOWEST RANK 5/	MAXIMUM RANK 6/	IN TOP 25% 7/
MILLENNIUM	5.8	69	2139	66	1	156	21.4
MRF 210	5.6	113	2517	109	16	160	14.3
MRF 211	5.6	115	2574	117	16	158	14.3
MRF 25	5.8	62	2047	55	5	135	17.9
MRF 26	5.7	98	2341	86	5	150	17.9
MRF 27	5.7	78	2218	75	11	157	14.3
MRF 28	5.6	108	2351	87	11	156	17.9
MRF 29	5.7	99	2629	123	12	155	14.3
MUSTANG 3	5.7	88	2074	57	9	157	32.1
NA-TDD	5.6	119	2501	108	2	159	10.7
OLYMPIC GOLD	5.9	24	1645	23	4	144	42.9
GREMLIN (P-58)	5.6	112	2624	122	3	156	14.3
PADRE (NJ4)	5.9	17	1635	22	1	144	39.3
PICASSO	5.9	29	1574	17	6	125	28.6
PICK TF H-97	5.6	124	2481	105	21	157	10.7
PICK ZMG	5.7	89	2291	80	14	155	14.3
PICK-00-AFA	5.8	68	2091	60	2	147	28.6
PLANTATION	5.8	73	2042	54	9	157	32.1
PROSEEDS 5301	5.9	38	1784	36	2	159	28.6
PROSPECT	5.7	82	2230	76	4	142	21.4
PST-53T	5.7	83	2368	90	16	158	10.7
PST-57E	5.9	19	1742	32	7	156	32.1
PST-5A1	5.9	36	1866	40	4	150	25.0
PST-5BAB	5.8	70	2193	73	3	146	21.4
PST-5BZ	5.8	66	2159	70	8	152	17.9
PST-5FZD	5.8	59	2097	61	6	150	35.7
PST-5JM	5.8	71	2119	64	10	147	21.4
PST-5KI	5.7	91	2427	99	3	160	10.7
PST-5KU	5.6	120	2798	133	7	159	7.1
PST-5LO	5.8	64	2064	56	14	147	25.0
PST-5NAS	5.7	86	2452	101	19	157	21.4
PST-5S12	5.8	51	2112	62	17	144	17.9
PST-5T1	5.8	45	1902	41	4	156	39.3
PST-5TU0	5.6	109	2585	118	20	154	10.7
PST-DDL	5.7	75	2380	92	3	149	25.0
PURE GOLD	5.6	138	2812	136	10	157	10.7
QUEST	5.8	41	1972	47	4	141	21.4
R-4	6.1	2	1176	4	1	147	53.6
RAPTOR (CIS-TF-33)	5.9	18	1505	15	6	159	50.0
REBEL EXEDA	6.0	12	1417	11	2	150	50.0
REBEL SENTRY	5.8	47	1756	33	1	141	39.3
REMBRANDT	5.9	22	1696	26	2	147	42.9
RENDITION	5.9	30	1737	31	13	132	42.9
ROBERTS SM4	5.8	46	2010	51	11	144	25.0
SCORPION	5.8	67	2157	67	14	151	21.4

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS
(CONT'D) IN THE 2001 NATIONAL TALL FESCUE TEST
2002 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/
SIGNIA	5.5	139	2989	147	20	154	3.6
SILVERADO II (PST-578)	5.8	43	1927	43	15	132	21.4
SILVERSTAR (PST-5ASR)	5.9	28	1607	20	2	137	42.9
SOUTH PAW (MRF 24)	5.6	135	2824	138	30	156	10.7
SOUTHERN CHOICE II	5.7	95	2397	95	1	156	21.4
SR 8250	5.7	107	2403	98	19	159	14.3
SR 8550 (SRX 8BE4)	5.8	57	2159	70	16	141	39.3
SR 8600	5.9	34	1767	34	10	138	35.7
SRX 805	5.7	101	2398	97	9	157	14.3
STETSON	5.4	154	3312	154	22	157	10.7
T991	5.5	148	2925	145	19	157	17.9
TAR HEEL	5.9	40	1818	39	3	131	35.7
TAR HEEL II (PST-5TR1)	5.8	56	1978	48	9	150	28.6
TEMPEST	5.7	96	2368	90	8	152	21.4
TF66	5.5	145	3010	148	58	157	0.0
TITAN LTD.	5.6	133	2497	107	7	157	14.3
TITANIUM (SBM)	5.9	21	1673	24	7	155	46.4
TOMAHAWK RT	5.7	104	2551	112	20	152	17.9
TRACER	5.6	130	2683	129	23	157	7.1
TULSA II (ATF 706)	5.5	146	2915	143	31	153	3.6
UT-155	5.8	53	1969	46	11	151	28.6
UT-RB3	5.9	27	1693	25	2	141	35.7
WATCHDOG	5.7	79	2161	71	3	145	21.4
WOLFPACK	5.8	42	1788	37	3	147	28.6
WYATT	5.7	106	2547	110	9	153	10.7
LSD VALUE	0.2						
C.V. (%)	9.5						

*/ 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.