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 Evaluation Program, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. Steve Johnson, DLF International Seeds
Mr. Steve Tubbs, Turf Merchants, Inc.
Dr. Jeff Nus, USGA Green Section
Dr. Michael Richardson, University of Arkansas
Dr. Bernd Leinauer, New Mexico State University
Mr. Warren Bell, Biograss Sod Farms
Dr. Clark Throssell, Golf Course Superintendents Assoc. of America
Dr. Brian Horgan, University of Minnesota
Mr. Duane Klundt, Scotts Turf-Seed, Inc.

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2006 National Tall Fescue Test - 2007 data

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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 2006 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.*

2006 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2007

State	Location	Code
Arkansas	Fayetteville	AR1
California	Riverside	CA3
Georgia	Griffin	GA1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
Mississippi	Mississippi State	MS1
Nebraska	Mead	NE1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic)	NJ3
New Mexico	Las Cruces	NM1
North Carolina	Raleigh	NC1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
South Dakota	Highmore (Drought Study)	SD2
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach (Sod Strength)	VA4
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

2006 NATIONAL TALL FESCUE TEST

Entries and Sponsors

Entry No.	Name	Sponsor
*1	Ky-31	Standard Entry
*2	Spyder LS (Z-2000)	Z-Seeds
3	DP 50-9407	DLF Trifolium A/S
4	DP 50-9411	DLF Trifolium A/S
5	DP 50-9440	DLF Trifolium A/S
6	TG 50-9460	DLF Trifolium A/S
*7	Plato	Olsen Seed Company
*8	Lindbergh	Olsen Seed Company
*9	Aristotle	Olsen Seed Company
*10	Einstein	Olsen Seed Company
*11	Silverado	Standard Entry
*12	Monet (LTP-610 CL)	Lebanon Seaboard Corp.
*13	Cezanne Rz (LTP-CRL)	Lebanon Seaboard Corp.
*14	Van Gogh (LTP-RK2)	Lebanon Seaboard Corp.
15	ATF 1247	Ampac Seed Company
16	RKCL	Ampac Seed Company
17	RK 4	Pennington Seed Company
18	RK 5	Pennington Seed Company
19	GE-1	Pennington Seed Company
20	SC-1	Lewis Seed Company
21	ATF 1328	Lewis Seed Company
*22	Skyline	Burlingham Seeds
*23	Hemi	Burlingham Seeds
*24	Turbo RZ (Burl-TF8)	Burlingham Seeds
*25	Turbo	Burlingham Seeds
*26	Bullseye	Burlingham Seeds
27	IS-TF-152	Ampac Seed Company
28	IS-TF-138	Ampac Seed Company
29	Rocket (IS-TF-147)	DLF International Seeds
30	Jamboree (IS-TF-128)	DLF International Seeds
*31	Toccoa (IS-TF-151)	Columbia Seeds
32	IS-TF-135	DLF International Seeds
*33	Raptor II (MVS-TF-158)	Mountain View Seeds
34	IS-TF-159	Grassland Oregon
35	Aggressor (IS-TF-153)	DLF International Seeds
*36	Essential (IS-TF-154)	DLF International Seeds
37	Fat Cat (IS-TF-161)	DLF International Seeds
38	MVS-341	Mountain View Seeds
39	MVS-1107	Mountain View Seeds
*40	Titanium LS (MVS-BB-1)	Mountain View Seeds
*41	Firecracker LS (MVS-MST)	Mountain View Seeds
*42	Mustang 4 (M4)	Pickseed
43	0312	Pickseed
44	PSG-TTST	Smith Seed Services
45	Col-1	Pickseed
46	J-130	Pickseed
47	Col-M	Pickseed
48	Col-J	Pickseed
*49	Hunter	LESCO, Inc.
*50	Biltmore	LESCO, Inc.
*51	Padre	LESCO, Inc.
*52	Magellan	LESCO, Inc.
53	NA-BT-1	LESCO, Inc.
54	NA-SS	LESCO, Inc.
55	RP 2	ProSeeds Marketing
56	CE 1	ProSeeds Marketing
57	RK 6	ProSeeds Marketing
58	ATM	ProSeeds Marketing
59	SH 3	ProSeeds Marketing
60	BAR Fa 6363	Barenbrug USA
61	BAR Fa 6253	Barenbrug USA
*62	Talladega (RP 3)	Columbia Seeds
*63	Tahoe II	Columbia Seeds
64	06-WALK	Oregro Seeds
*65	Escalade	Oregro Seeds
66	06-DUST	Oregro Seeds
67	RAD-TF17	Radix Research
68	PSG-85QR	Pickseed Genetics
69	STR-8GRQR	Seed Research of Oregon
70	PSG-82BR	Pickseed Genetics
71	K06-WA	The Scotts Company
72	GO-1BFD	Grassland Oregon
*73	SR 8650 (STR-8LMM)	Seed Research of Oregon
74	STR-8BB5	Seed Research of Oregon
*75	Tulsa Time (Tulsa III)	Seed Research of Oregon
76	PSG-RNDR	Smith Seed Services
77	PSG-TTRH	Smith Seed Services
*78	Speedway (STR-8BPDX)	Seed Research of Oregon
*79	Rembrandt	Standard Entry
80	JT-41	Jacklin Seed by Simplot
81	JT-36	Jacklin Seed by Simplot
82	JT-45	Jacklin Seed by Simplot
83	JT-42	Jacklin Seed by Simplot
84	JT-33	Jacklin Seed by Simplot
85	BGR-TF1	Berger Seed Company
86	BGR-TF2	Berger Seed Company
87	PST-5HP	The Scotts Company
88	Wolfpack II (PST-5WMB)	The Scotts Company
89	AST 7002	Allied Seed LLC
90	AST 7001	Allied Seed LLC
*91	Darlington (CS-TF1)	Columbia Seeds
92	KZ-1	KZ Seeds
93	LS-11	LESCO, Inc.
94	LS-06	LESCO, Inc.
95	DKS	Smith Seed Services
96	LS-03	LESCO, Inc.
97	GWTF	Grassland Oregon
98	KZ-2	KZ Seeds
99	AST-2	Allied Seed LLC
100	AST-3	Allied Seed LLC
101	RNP	Pennington Seed Company
102	AST-4	Allied Seed LLC
103	AST 7003	Allied Seed LLC
104	AST-1	Allied Seed LLC
105	J-140	Pickseed
106	ATF-1199	Pennington Seed Company
*107	Justice	Standard Entry
*108	Rebel IV	Standard Entry
*109	3rd Millennium SRP	Turf Merchants, Inc.
110	Traverse SPR (RK-1)	Turf Merchants, Inc.
*111	Rhambler SRP (Rhambler)	Turf Merchants, Inc.
*112	Firenza	Integra Seeds
*113	Falcon IV	Standard Entry

* COMMERCIALLY AVAILABLE IN THE USA IN 2008.

TABLE A. 2007 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 2006 NATIONAL TALL FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	1.6-2.0	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 LOAM	6.1-6.5	61-150	241-375	1.1-2.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
IA1	LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
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	DENSE SHADE	2.6-3.0	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	151-270	376-500	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
KS2	SANDY LOAM	-	-	-	-	FULL SUN	-	-
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MD1	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
MN1	SILTY CLAY LOAM	7.1-7.5	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
MO1	SILT LOAM AND SILT	6.1-6.5	0-60	151-240	1.1-2.0	FULL SUN	3.1-3.5	TO PREVENT DORMANCY
MS1	SANDY LOAM	7.1-7.5	151-270	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NC1	SILTY CLAY AND CLAY	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	376-500	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ3	SANDY LOAM	5.6-6.0	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	151-270	376-500	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NM1	SAND	7.1-7.5	0-60	0-150	5.1-6.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
RI1	SANDY LOAM	-	-	-	1.1-2.0	FULL SUN	3.1-3.5	NO IRRIGATION
SD2	SILTY CLAY LOAM	7.1-7.5	0-60	501+	0.0-1.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
VA1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
VA4	LOAM	6.1-6.5	61-150	0-150	5.1-6.0	FULL SUN	3.1-3.5	TO PREVENT DORMANCY
WA3	SANDY LOAM	4.6-5.5	0-60	241-375	4.1-5.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WI1	SILT LOAM AND SILT	6.6-7.0	61-150	151-240	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION

TABLE B. LOCATIONS AND DATA COLLECTED IN 2007

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1			X	X	X	X	X	X	X	X			X		
CA3	X	X	X	X	X	X	X	X	X	X	X	X			X
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X		
IA1							X	X	X	X					
IL1				X	X	X	X	X	X	X			X		X
IL2			X	X	X	X	X	X	X	X	X				
IN1				X	X	X	X	X	X	X			X		
KS2			X	X	X	X	X	X	X	X				X	
KY1			X	X	X	X	X	X	X	X			X		X
MD1					X	X	X	X	X	X	X				
MN1							X	X	X	X			X		
MO1			X	X	X	X	X	X	X	X			X		X
MS1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NC1						X	X	X	X	X	X	X	X		X
NE1					X	X	X	X	X	X			X	X	
NJ3					X	X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X			X		X
NM1			X	X	X	X	X	X	X	X	X	X	X		
PA1					X	X	X	X	X	X			X		X
RI1					X	X	X	X	X	X	X		X	X	
SD2															
TN1		X	X	X	X	X	X	X	X	X	X	X	X		
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UT1				X	X	X	X	X	X	X			X		X
VA1					X	X	X	X	X	X			X		X
VA4								X		X			X		
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X		X
WI1					X	X	X	X	X	X			X		X

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2007

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	STEM RUST	BROWN PATCH WARM TEMP.
AR1		X	X	X	X	X	X						
CA3	X							X		X	X		
GA1				X	X	X	X	X					
IA1					X	X						X	
IL1													
IL2					X	X	X						
IN1							X						
KS2													X
KY1	X												
MD1					X								
MN1													
MO1					X		X						
MS1													
NC1													
NE1			X	X									
NJ3	X												X
NJ2													X
NM1													
PA1	X							X					
RI1					X								
SD2									X				
TN1					X	X	X	X					
TX1		X	X	X						X			
UT1													
VA1													X
VA4					X					X	X		
WA3				X				X					
WI1													

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2007

LOCATION	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	PERCENT ESTABLISH-MENT	ESTABLISH-MENT RATINGS	PERCENT ESTABLISHMENT RATINGS OCT 2006	NOV 2006	DEC 2006	JAN 2007	FEB 2007	MAR 2007	DENSITY WINTER	PERCENT WEEDS	NET BLOTCH OCT	NET BLOTCH DEC	PERCENT BROWN PATCH JUNE	JULY	AUGUST
AR1					X														
CA3																			
GA1	X	X	X	X															
IA1																			
IL1				X	X														
* IL2					X														
IN1																			
KS2					X														
KY1					X														
MD1																			
MN1						X													
MO1																			
MS1					X														
NC1			X																
NE1																			
* NJ3																			
NJ2			X		X														
NM1																			
PA1																			
RI1					X														
* SD2					X														
TN1							X	X	X								X	X	X
TX1	X	X	X					X	X	X	X	X							
UT1						X													
VA1					X														
* VA4					X														
WA3		X			X								X	X	X	X			
WI1					X														

* ADDITIONAL DATA FOR IL2, NJ3, SD2 AND VA4 CAN BE FOUND IN TABLES 10-13.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOURTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

	NAME	AR1	CA3	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	VA1	WA3	MEAN
	RKCL	7.4	6.7	7.8	6.1	6.5	6.5	7.9	6.8	6.5	5.6	7.8	6.6	4.7	5.0	6.6
	KO6-WA	7.6	6.8	7.7	5.5	6.1	6.4	7.7	7.1	6.7	5.8	7.7	6.3	4.8	5.4	6.5
	SH 3	7.4	6.9	7.0	5.8	6.4	6.4	8.3	6.9	5.3	5.5	7.8	6.3	5.4	5.0	6.5
*	FIRECRACKER LS (MVS-MST)	7.5	6.7	7.9	6.1	5.5	6.4	8.0	7.2	5.7	6.1	7.6	6.2	4.8	4.2	6.4
*	SPYDER LS (Z-2000)	7.6	6.6	7.3	6.2	6.2	6.4	7.8	7.2	5.6	5.2	7.4	6.4	4.9	5.1	6.4
	SC-1	7.7	6.6	7.5	6.1	5.8	6.4	7.8	7.2	5.7	4.7	7.4	6.2	5.7	5.0	6.4
	RK 6	7.7	6.7	7.8	5.9	6.0	6.4	6.9	7.0	5.8	6.0	7.6	5.9	5.0	4.8	6.4
*	MONET (LTP-610 CL)	7.5	6.8	7.4	5.2	6.3	6.4	8.0	6.6	5.6	5.7	7.7	6.0	4.7	5.2	6.4
*	3RD MILLENNIUM SRP	7.5	6.9	7.2	6.2	5.7	6.4	7.9	6.9	5.8	4.6	7.6	6.5	4.9	4.9	6.4
*	FIRENZA	7.5	6.9	7.4	6.1	6.0	6.4	7.5	6.3	5.7	5.3	7.4	6.0	5.1	5.1	6.3
*	TURBO	7.5	6.6	7.5	5.9	5.8	6.3	7.4	6.6	5.3	6.2	7.2	6.0	5.4	4.8	6.3
*	MUSTANG 4 (M4)	7.6	6.7	7.1	5.3	5.5	6.4	7.6	7.4	5.7	5.8	7.1	6.3	5.5	4.4	6.3
	ATM	7.5	6.8	7.5	5.4	5.9	6.4	8.0	6.5	5.7	5.2	7.8	6.3	4.6	4.8	6.3
	RK 5	7.6	6.8	7.2	5.8	5.5	6.4	8.1	7.4	5.6	4.8	7.4	6.3	4.3	4.6	6.3
*	VAN GOGH (LTP-RK2)	7.6	6.5	7.0	6.2	6.1	6.4	7.5	6.5	5.8	5.5	7.3	6.3	4.3	4.5	6.3
*	BULLSEYE	7.7	6.7	7.4	5.0	6.0	6.3	7.0	6.7	5.3	5.6	7.4	6.2	5.4	4.6	6.2
*	RAPTOR II (MVS-TF-158)	7.7	6.6	7.3	6.0	6.1	6.4	7.0	6.8	5.4	5.8	7.1	6.0	5.1	4.1	6.2
	DP 50-9440	7.5	6.6	7.1	5.6	6.0	6.3	7.1	7.3	6.2	4.1	7.8	6.5	4.5	4.4	6.2
*	RHAMBLER SRP (RHAMBLER)	7.5	6.6	7.2	5.4	5.4	6.4	8.1	6.3	5.6	5.2	7.1	6.7	4.9	4.5	6.2
	NA-BT-1	7.6	6.8	7.2	6.1	5.1	6.3	8.0	6.6	5.2	4.9	7.4	6.5	4.3	4.9	6.2
	RK 4	7.2	6.9	7.2	5.4	5.8	6.4	7.4	6.5	5.8	5.1	7.3	6.7	4.2	5.2	6.2
	FAT CAT (IS-TF-161)	7.8	6.8	6.7	6.2	5.3	6.4	7.4	6.2	5.9	5.9	7.1	5.8	4.6	4.6	6.2
	WOLFPACK (PST-5WMB)	7.4	6.8	7.1	5.1	5.6	6.4	7.5	6.3	5.3	5.4	7.3	6.6	4.5	5.2	6.2
	AST-1	7.5	6.6	7.5	5.9	5.8	6.3	6.2	6.9	6.0	5.6	6.8	5.8	4.8	4.6	6.2
	IS-TF-152	7.6	6.5	7.0	5.8	5.9	6.4	6.7	6.6	5.9	5.8	6.9	6.2	5.3	3.7	6.2
*	ESCALADE	7.5	6.7	6.5	5.6	5.2	6.5	7.6	7.3	4.8	6.4	7.2	5.7	4.4	4.7	6.1
	JAMBOREE (IS-TF-128)	7.6	6.7	7.4	5.8	6.5	6.4	6.8	6.9	6.0	5.4	7.2	5.1	4.3	3.9	6.1
	AGGRESSOR (IS-TF-153)	7.8	6.6	6.9	5.8	6.3	6.2	7.3	6.4	5.5	5.4	6.6	5.9	4.5	4.5	6.1
	COL-M	7.6	6.6	7.7	5.1	5.7	6.4	7.2	6.7	5.3	5.7	6.8	6.4	4.1	4.4	6.1
	J-130	7.5	6.8	7.2	6.3	5.5	6.4	7.1	6.9	5.2	5.6	7.0	5.9	3.8	4.3	6.1
	IS-TF-159	7.5	6.5	7.3	6.1	5.8	6.2	6.8	6.1	6.0	5.2	7.6	6.1	3.9	4.3	6.1
	DP 50-9407	7.5	6.6	7.2	5.8	5.7	6.4	7.7	6.9	5.6	4.4	6.7	6.1	4.4	4.3	6.1
	J-140	7.3	6.8	7.1	5.8	5.3	6.3	7.0	7.0	5.1	5.4	7.1	6.2	4.2	4.6	6.1
	AST-3	7.6	6.6	7.7	5.8	5.6	6.3	7.1	5.7	5.9	5.3	6.9	6.2	4.2	4.3	6.1
	TRAVERSE SRP (RK-1)	7.5	6.7	7.1	5.8	5.3	6.3	7.9	6.0	5.4	4.9	7.1	6.3	4.1	4.7	6.1
	IS-TF-138	7.9	6.3	7.6	6.1	5.8	6.0	6.9	6.0	5.5	5.3	6.9	6.2	4.1	4.5	6.1
*	TALLADEGA (RP 3)	7.4	6.7	7.4	5.3	5.8	6.3	7.0	6.7	5.6	5.0	6.8	6.3	4.6	4.3	6.1
	BGR-TF1	7.5	6.7	7.5	4.8	6.1	6.4	7.0	5.7	5.8	5.8	6.8	5.9	4.4	4.4	6.1
	STR-8BB5	7.4	6.7	6.7	5.5	4.6	6.4	8.2	7.1	4.9	5.5	6.7	6.1	4.5	4.6	6.1
*	HEMI	7.5	6.5	7.0	5.5	5.8	6.4	6.9	6.4	5.5	5.7	7.2	5.7	4.2	4.3	6.1
*	SR 8650 (STR-8LMM)	7.6	6.5	7.0	6.0	5.5	6.4	7.1	5.9	5.3	4.9	7.1	6.0	4.7	4.6	6.0
	RNP	7.5	6.7	7.5	5.0	6.1	6.4	6.1	7.1	6.2	4.5	6.9	6.0	4.3	4.2	6.0
*	ESSENTIAL (IS-TF-154)	7.7	6.7	7.0	5.7	5.3	6.4	6.8	6.2	5.3	5.2	7.2	5.8	4.4	4.8	6.0
	PSG-85QR	7.4	6.8	6.7	5.7	4.8	6.4	7.2	7.1	4.8	5.7	6.9	5.8	4.9	4.1	6.0

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOURTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	CA3	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	VA1	WA3	MEAN
LS-06	7.5	6.5	7.5	5.7	5.6	6.4	6.7	6.6	5.4	5.5	6.8	5.4	4.3	4.4	6.0
* CEZANNE RZ (LTP-CRL)	7.5	6.6	7.0	4.7	5.4	6.3	7.7	6.1	5.0	5.7	6.3	6.3	4.7	4.8	6.0
* JUSTICE	7.4	6.8	6.8	5.0	4.9	6.4	8.0	7.1	5.1	5.3	6.7	5.5	4.6	4.5	6.0
* TITANIUM LS (MVS-BB-1)	7.5	6.5	6.5	5.8	5.2	6.4	6.9	6.7	5.1	5.1	6.7	6.0	4.8	4.8	6.0
* TOCCOA (IS-TF-151)	7.7	6.4	7.5	5.4	5.9	6.3	6.6	7.2	5.6	5.3	6.6	6.3	3.1	4.1	6.0
BGR-TF2	7.6	6.7	7.2	5.0	5.6	6.4	6.6	6.6	5.9	5.3	6.3	6.1	4.6	4.2	6.0
JT-41	7.7	6.6	7.2	5.1	5.0	6.3	6.8	6.7	5.4	5.9	6.6	5.6	4.6	4.4	6.0
* SPEEDWAY (STR-8BPDX)	7.6	6.8	6.6	5.4	5.5	6.4	7.1	6.0	5.6	4.3	7.3	6.0	4.7	4.5	6.0
GE-1	7.6	6.9	6.7	6.1	5.2	6.4	7.1	6.7	5.1	4.4	6.7	6.1	4.8	4.2	6.0
DP 50-9411	7.4	6.6	6.8	6.3	5.6	6.3	6.9	6.7	5.0	5.2	6.6	5.9	4.8	3.8	6.0
RP 2	7.5	6.6	7.0	5.2	5.3	6.4	6.3	5.6	5.8	4.9	6.6	6.2	5.1	5.2	6.0
TG 50-9460	7.4	6.8	6.9	5.8	5.5	6.4	6.8	6.7	5.5	4.1	7.1	5.9	4.6	4.3	6.0
IS-TF-135	7.5	6.7	7.8	5.0	5.5	6.4	5.8	5.8	5.7	5.8	6.9	5.9	4.6	4.1	6.0
JT-42	7.5	6.7	6.8	5.4	5.0	6.4	7.3	6.8	5.0	5.5	6.1	6.0	4.1	4.7	6.0
PST-5HP	7.8	6.4	6.8	5.7	4.8	6.4	6.6	5.5	4.5	6.2	7.1	6.1	5.0	4.4	6.0
AST-2	7.5	6.7	7.4	5.7	5.6	6.4	6.7	6.6	5.0	4.9	6.8	5.9	4.2	4.2	6.0
* TULSA TIME (TULSA III)	7.6	6.4	7.0	5.0	5.3	6.3	7.4	6.2	5.6	4.4	6.7	6.3	4.6	4.5	6.0
ROCKET (IS-TF-147)	7.5	6.7	7.3	5.0	5.4	6.4	6.8	6.5	5.1	4.7	6.9	6.0	4.3	4.7	6.0
AST 7003	7.5	6.9	7.0	5.2	5.8	6.4	6.6	6.3	5.6	5.3	6.3	5.8	4.2	4.4	6.0
COL-1	7.5	6.7	7.3	5.2	5.0	6.3	7.1	6.3	5.0	5.4	6.7	5.8	4.6	4.2	5.9
LS-11	7.5	6.8	6.5	5.7	5.6	6.4	6.3	5.8	5.8	5.6	6.4	5.8	4.5	4.4	5.9
AST-4	7.5	6.6	7.3	5.1	5.8	6.4	6.3	6.0	5.1	5.2	6.9	6.0	4.6	4.3	5.9
ATF 1328	7.5	6.3	6.7	6.3	5.8	6.2	6.3	6.6	5.7	4.7	6.7	5.8	4.6	4.0	5.9
KZ-2	7.4	6.5	7.2	5.9	5.4	6.4	6.9	6.3	5.3	5.2	6.6	5.7	3.9	4.3	5.9
DKS	7.5	6.8	6.9	5.0	5.5	6.4	6.6	6.5	4.7	5.6	6.7	6.1	4.7	4.0	5.9
JT-45	7.5	6.8	7.2	5.4	5.2	6.4	6.7	6.4	5.8	3.8	6.7	5.6	4.6	5.0	5.9
LS-03	7.6	6.5	7.6	5.8	5.3	6.4	6.3	6.3	5.2	5.0	6.2	5.9	4.4	4.3	5.9
JT-36	7.5	6.7	6.9	4.4	5.3	6.3	6.2	6.9	4.7	5.6	6.7	6.1	4.6	4.9	5.9
GWTF	7.6	6.6	7.0	5.1	5.8	6.2	6.7	6.4	5.7	5.4	6.4	6.0	4.3	3.7	5.9
ATF-1199	7.5	6.6	6.6	5.2	5.2	6.4	7.5	6.8	5.0	5.6	6.4	5.8	4.4	3.8	5.9
MVS-1107	7.4	6.6	6.4	5.9	4.8	6.3	6.9	7.3	4.5	5.0	6.3	5.9	5.0	4.5	5.9
* DARLINGTON (CS-TF1)	7.5	6.3	7.1	5.2	5.4	6.4	6.3	6.6	5.7	5.5	6.2	6.0	3.9	4.3	5.9
KZ-1	7.5	6.7	7.5	5.0	5.8	6.3	6.2	5.8	5.8	5.6	6.7	5.1	4.2	3.9	5.9
* FALCON IV	7.4	6.6	6.4	5.8	5.0	6.3	6.8	5.7	5.2	5.2	6.9	5.9	4.7	4.2	5.9
BAR FA 6253	7.8	6.3	7.3	5.3	4.9	6.4	6.7	6.6	5.0	4.9	6.6	6.0	3.9	4.4	5.9
AST 7002	7.5	6.7	7.0	5.2	5.3	6.4	6.7	6.2	5.1	5.2	6.5	5.9	4.2	4.3	5.9
CE 1	7.5	6.9	6.7	5.1	5.6	6.4	7.2	5.7	4.6	4.9	6.7	5.9	4.4	4.5	5.9
TURBO RZ (BURL-TF8)	7.4	6.5	6.3	4.9	5.4	6.4	6.7	7.4	4.6	5.2	6.7	5.2	4.3	4.8	5.9
COL-J	7.6	6.1	7.1	5.4	5.7	6.3	6.1	6.8	5.6	4.5	6.7	5.8	4.5	3.7	5.8
NA-SS	7.5	6.6	6.7	5.5	5.2	6.4	6.0	6.4	5.4	5.4	6.7	5.8	4.1	4.2	5.8
* REBEL IV	7.4	6.8	6.3	5.7	4.9	6.4	7.4	6.4	5.1	5.2	6.4	5.4	4.0	4.3	5.8
ATF 1247	7.6	6.4	6.4	4.8	5.6	6.4	6.8	6.6	5.3	5.2	6.4	5.9	4.0	4.3	5.8
* REMBRANDT	7.4	6.9	6.4	5.9	4.9	6.4	7.0	6.4	4.3	4.9	6.1	5.7	4.6	4.7	5.8
* SKYLINE	7.5	6.5	6.6	4.9	5.3	6.4	6.6	6.3	5.0	5.7	6.2	5.9	4.2	4.5	5.8
* TAHOE II	7.4	6.4	6.3	5.6	4.6	6.3	7.0	6.6	5.0	5.5	6.5	5.8	4.1	4.4	5.8

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOURTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2007 DATA

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

NAME	AR1	CA3	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	VA1	WA3	MEAN
06-DUST	7.4	6.6	6.4	4.7	5.3	6.4	6.9	6.7	4.4	5.9	6.1	5.7	4.3	4.6	5.8
* EINSTEIN	7.5	6.5	6.5	5.4	4.8	6.4	6.3	6.8	4.9	4.4	6.4	5.8	4.4	4.9	5.8
RAD-TF17	7.3	6.9	6.5	4.6	5.3	6.2	7.1	6.0	5.5	5.3	6.4	5.8	3.9	4.2	5.8
* HUNTER	7.5	6.5	6.8	5.9	5.2	6.4	6.8	6.6	5.7	3.7	6.3	6.2	3.7	3.9	5.8
* LINDBERGH	7.5	6.7	6.3	5.6	4.6	6.5	6.8	6.6	4.2	5.3	5.8	5.9	5.1	4.0	5.8
AST 7001	7.4	6.6	6.9	4.9	5.3	6.4	6.4	6.4	5.2	5.5	5.8	5.9	4.2	4.0	5.8
* MAGELLAN	7.5	6.7	5.9	5.5	5.5	6.4	6.4	6.3	4.8	4.9	6.2	5.8	4.8	4.1	5.8
PSG-82BR	7.3	6.5	7.1	4.5	5.1	6.3	6.8	6.5	4.7	4.9	6.3	6.0	3.8	4.6	5.7
PSG-TTRH	7.6	6.6	6.4	4.7	4.8	6.4	6.3	6.2	5.1	5.1	6.4	5.4	4.7	4.4	5.7
JT-33	7.5	6.7	6.9	4.8	4.9	6.4	6.5	5.8	5.2	5.5	6.6	5.3	4.0	4.2	5.7
MVS-341	7.5	6.5	6.2	5.0	5.2	6.4	6.0	6.7	5.2	4.9	6.3	5.7	4.3	4.5	5.7
STR-8GRQR	7.5	6.8	6.4	5.1	5.0	6.3	6.4	6.5	4.6	4.7	6.5	5.7	4.5	4.0	5.7
* BILTMORE	7.5	6.6	6.5	5.2	5.2	6.4	6.5	6.6	4.6	4.5	6.1	5.8	3.9	4.4	5.7
06-WALK	7.5	6.4	6.8	4.9	4.9	6.3	6.2	6.3	4.6	5.5	6.2	5.8	3.9	4.5	5.7
0312	7.6	6.4	7.0	4.9	5.6	6.1	5.9	6.8	5.0	4.4	6.2	5.2	4.3	4.1	5.7
* PADRE	7.5	6.6	6.4	4.8	5.1	6.4	7.2	5.8	4.6	4.4	6.2	5.8	3.4	4.6	5.6
PSG-RNDR	7.6	6.3	6.5	5.0	5.0	6.3	6.5	5.8	4.6	4.7	5.9	6.1	4.8	3.7	5.6
GO-1BFD	7.4	6.6	6.2	5.3	4.3	6.4	6.3	6.1	4.1	4.9	5.8	5.8	4.7	4.7	5.6
* PLATO	7.5	6.9	6.0	4.9	4.3	6.4	6.1	6.2	4.4	4.8	6.1	5.9	5.0	4.3	5.6
PSG-TTST	7.5	6.2	6.3	5.3	3.7	6.3	6.5	6.7	4.0	5.6	5.3	5.6	4.6	4.3	5.6
BAR FA 6363	7.4	6.3	6.1	4.7	4.9	6.2	6.0	7.0	5.0	5.2	5.6	5.6	3.5	4.2	5.6
* ARISTOTLE	7.6	6.3	5.8	5.1	4.5	6.3	6.0	6.8	4.3	4.8	5.5	5.4	4.1	4.3	5.5
* SILVERADO	7.0	6.1	5.5	4.8	2.9	6.2	5.6	5.9	3.3	4.6	4.8	5.4	4.6	4.0	5.1
* KY-31	4.9	4.5	4.1	3.5	1.0	5.1	4.5	5.9	1.2	2.7	3.4	4.8	5.1	3.4	3.9
LSD VALUE	0.3	0.4	0.7	1.2	0.7	0.6	1.2	1.3	0.8	1.5	0.6	0.6	1.0	0.6	0.2
C.V. (%)	2.5	3.7	6.1	13.2	8.3	7.7	10.7	12.4	9.6	17.7	5.4	6.4	14.1	11.9	9.3

* COMMERCIALLY AVAILABLE IN THE USA IN 2008.

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 (MEDIUM MAINTENANCE)
1. MOWING HEIGHT: 2.0" TO 3.0"
2. NITROGEN RATE: 0.25 - 0.5 LBS. N/1000 SQ. FT./GROWING MONTH (USE 3-6 APPLICATIONS PER YEAR - NOT MONTHLY APPLICATIONS)
3. IRRIGATION: 80 - 95% POTENTIAL ET; IN FINAL YEAR ONLY (2011), DO NOT IRRIGATE FOR JUNE-AUGUST, IRRIGATE TO EVALUATE RECOVERY IN SEPTEMBER
4. FUNGICIDE AND INSECTICIDE USE ONLY IF SEVERE STAND LOSS IS POSSIBLE
5. WEED CONTROL TO PREVENT STAND LOSS

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	IA1	IL1	IN1	KS2	MO1	RI1	TN1	UT1	WI1	MEAN
KO6-WA	7.1	6.4	6.4	6.2	5.7	5.9	6.2	7.6	5.9	7.9	6.5
3RD MILLENNIUM SRP	6.9	6.6	6.6	6.3	5.3	6.3	5.9	7.5	6.2	6.9	6.4
ATM	6.9	6.8	6.0	6.3	5.4	6.0	6.0	7.3	6.0	7.6	6.4
WOLFPACK (PST-5WMB)	6.6	6.6	6.6	6.2	5.6	5.9	5.8	7.5	6.1	6.9	6.4
NA-BT-1	6.8	6.2	6.1	6.3	5.3	6.5	6.0	7.4	5.8	7.5	6.4
RHAMBLER SRP (RHAMBLER)	6.9	5.9	6.5	6.2	5.1	6.2	6.0	7.6	5.5	7.3	6.3
TRAVERSE SRP (RK-1)	7.0	6.3	6.5	6.2	5.0	6.2	5.8	7.4	6.1	6.9	6.3
SC-1	6.8	5.8	5.8	6.3	5.7	5.9	6.3	7.6	6.0	7.1	6.3
SH 3	6.3	5.8	6.1	6.6	5.5	6.3	6.0	7.5	6.1	7.1	6.3
MONET (LTP-610 CL)	7.0	6.3	5.4	6.4	5.3	6.3	6.3	7.3	6.2	6.7	6.3
RK 6	5.9	6.4	5.8	6.7	5.4	6.5	5.9	7.8	6.1	6.6	6.3
AGGRESSOR (IS-TF-153)	6.8	6.6	5.8	6.0	5.1	6.0	5.9	7.6	5.6	7.6	6.3
AST-3	5.9	6.0	6.8	6.3	5.3	6.5	5.7	7.5	6.0	6.9	6.3
COL-J	6.4	5.8	6.0	6.3	4.8	6.2	6.0	7.4	6.0	7.6	6.3
FIRENZA	6.3	6.0	6.8	6.2	5.4	6.0	5.9	7.3	5.5	7.0	6.2
TALLADEGA (RP 3)	6.3	5.8	6.0	5.9	5.3	6.5	6.0	7.2	5.7	7.7	6.2
AST-1	6.4	5.8	6.0	5.9	4.9	6.3	6.4	7.4	5.7	7.6	6.2
RP 2	6.3	6.3	6.3	5.9	5.0	6.3	5.7	7.5	6.2	6.6	6.2
AST-2	6.9	5.9	6.7	6.5	4.8	5.5	6.0	7.5	5.6	6.8	6.2
SPEEDWAY (STR-8BPDX)	6.6	6.5	6.1	5.7	5.1	6.0	6.1	7.4	5.8	6.7	6.2
ESSENTIAL (IS-TF-154)	6.7	5.9	6.0	6.3	5.2	6.2	5.6	7.2	6.0	6.8	6.2
TITANIUM LS (MVS-BB-1)	6.6	6.3	6.1	6.1	4.8	6.2	5.5	7.3	5.8	7.3	6.2
BULLSEYE	6.4	6.0	5.5	6.2	5.5	6.3	6.3	7.8	5.9	6.1	6.2
RK 5	7.1	6.7	5.6	6.2	5.2	6.0	5.9	7.3	5.6	6.4	6.2
AST-4	6.7	5.9	6.0	6.5	4.7	5.9	6.3	7.4	6.0	6.4	6.2
J-140	6.4	5.9	6.8	6.1	5.3	5.8	6.1	7.4	5.4	6.8	6.2
TURBO	6.4	6.3	6.0	5.8	5.5	6.3	6.5	7.5	5.4	6.1	6.2
KZ-2	6.8	5.6	6.1	6.0	5.0	6.0	6.8	7.5	5.8	6.3	6.2
GWTF	6.7	5.8	6.3	6.2	4.8	5.8	6.1	7.5	6.0	6.4	6.2
SR 8650 (STR-8LMM)	6.8	5.8	6.0	6.0	5.3	6.1	5.7	7.3	5.8	7.0	6.2
DARLINGTON (CS-TF1)	6.6	5.3	6.3	6.1	4.8	6.6	6.0	7.3	6.3	6.3	6.2
IS-TF-138	6.6	5.4	5.0	6.3	5.2	6.4	6.5	7.5	5.1	7.4	6.2
IS-TF-159	6.8	5.5	5.5	6.5	5.2	6.2	6.1	7.5	5.4	6.6	6.1
TULSA TIME (TULSA III)	6.5	6.2	5.6	6.1	5.0	5.5	5.9	7.3	5.7	7.6	6.1
CE 1	6.6	6.4	6.4	5.9	5.0	5.8	5.5	7.4	6.0	6.2	6.1
TG 50-9460	6.4	5.8	5.6	6.4	5.3	5.8	5.9	7.4	6.0	6.6	6.1
JUSTICE	6.9	6.1	6.2	5.9	4.6	6.3	5.4	6.9	6.2	6.6	6.1
LS-06	6.3	5.7	6.1	6.2	4.9	5.9	6.2	7.4	5.5	6.9	6.1
BGR-TF1	6.3	5.3	6.0	5.9	4.8	5.8	6.3	7.6	5.6	7.7	6.1
KZ-1	6.5	5.7	5.8	5.8	4.7	6.5	6.0	7.3	5.9	7.0	6.1
SPYDER LS (Z-2000)	5.7	6.2	5.8	6.4	5.0	6.2	6.1	7.5	5.5	6.7	6.1
ESCALADE	6.2	5.9	5.9	6.5	4.9	5.6	5.7	7.2	5.9	7.4	6.1
RAD-TF17	6.4	5.9	6.3	5.6	5.0	6.3	5.9	7.2	5.6	6.9	6.1
NA-SS	6.2	5.8	6.0	5.9	4.6	6.3	6.2	7.2	5.5	7.5	6.1

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" *
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	IA1	IL1	IN1	KS2	MO1	RI1	TN1	UT1	WI1	MEAN
RKCL	6.2	5.8	5.6	6.8	5.5	5.7	5.9	7.4	5.5	6.8	6.1
MUSTANG 4 (M4)	6.8	6.3	6.3	5.5	5.3	5.9	5.6	7.4	5.4	6.7	6.1
LS-11	6.6	5.6	5.5	6.2	5.3	6.0	6.4	7.0	5.5	6.9	6.1
AST 7002	6.6	5.7	5.9	5.8	4.5	6.3	5.8	7.4	5.6	7.6	6.1
FAT CAT (IS-TF-161)	6.3	5.2	5.6	6.3	5.0	5.9	6.5	7.5	6.0	6.9	6.1
FIRECRACKER LS (MVS-MST)	6.4	5.8	5.8	6.0	5.3	5.8	5.6	7.4	5.5	7.6	6.1
RNP	6.4	5.6	6.0	6.2	5.2	5.9	5.7	7.6	5.9	6.3	6.1
AST 7003	6.6	5.9	6.1	6.1	4.8	5.6	6.1	7.5	5.8	6.2	6.1
GE-1	7.1	6.4	5.6	5.6	4.9	5.6	5.8	7.3	5.7	6.7	6.1
RK 4	6.9	5.8	5.5	6.1	5.0	5.7	5.6	7.5	5.9	6.6	6.1
ROCKET (IS-TF-147)	6.6	5.8	5.9	6.1	5.4	6.0	6.0	7.6	5.5	5.8	6.1
JAMBOREE (IS-TF-128)	5.7	6.3	5.6	6.7	5.2	6.0	6.0	7.5	5.7	5.9	6.1
DP 50-9407	6.4	6.3	5.5	5.8	5.7	5.6	5.9	7.2	5.6	6.7	6.1
REBEL IV	6.6	6.2	6.3	5.7	5.0	5.6	5.5	6.9	6.0	6.7	6.1
CEZANNE RZ (LTP-CRL)	6.4	5.5	6.3	5.5	5.1	5.8	5.5	7.7	6.0	6.7	6.0
ATF-1199	6.3	5.6	6.8	5.7	5.0	6.1	5.8	7.0	5.3	7.0	6.0
PSG-82BR	6.6	5.3	6.6	5.8	4.9	5.5	5.6	7.2	5.8	7.1	6.0
JT-41	6.3	5.6	6.0	6.0	5.0	6.5	6.0	7.0	5.4	6.6	6.0
IS-TF-152	6.3	5.6	5.5	6.0	5.0	6.0	6.5	7.9	5.0	6.6	6.0
PST-5HP	5.9	5.8	6.5	5.9	5.2	6.0	5.5	7.6	5.6	6.4	6.0
HEMI	6.5	5.8	6.0	6.2	5.3	6.1	5.9	7.2	5.3	6.1	6.0
COL-M	6.3	5.5	5.2	6.2	4.8	6.0	6.0	7.3	5.6	7.3	6.0
LS-03	6.5	5.0	6.0	6.2	4.8	5.6	6.0	7.5	5.6	7.1	6.0
SKYLINE	6.6	5.8	6.1	5.4	4.9	5.8	6.0	7.4	5.7	6.5	6.0
HUNTER	6.3	6.0	6.0	6.1	5.0	5.4	5.7	7.2	5.6	6.9	6.0
COL-1	6.3	5.7	5.4	5.9	4.7	6.0	6.1	7.7	5.6	6.9	6.0
PADRE	6.7	5.9	5.7	6.1	4.7	5.7	5.6	7.0	6.2	6.4	6.0
FALCON IV	6.8	5.8	6.2	5.4	5.2	6.3	5.6	7.3	5.6	5.8	6.0
DKS	6.2	5.1	6.1	6.2	5.1	5.7	6.0	7.2	5.1	7.3	6.0
DP 50-9440	6.4	5.9	5.4	6.3	5.0	5.7	6.0	7.4	5.8	6.2	6.0
STR-8BB5	5.9	6.2	6.0	5.9	4.9	5.6	5.8	7.2	5.7	6.8	6.0
BGR-TF2	6.0	5.6	6.4	6.2	5.0	5.3	6.3	7.5	5.3	6.5	6.0
VAN GOGH (LTP-RK2)	6.3	5.7	6.0	5.9	5.3	5.6	5.7	7.6	5.1	6.8	6.0
BAR FA 6253	5.8	6.0	6.2	5.8	5.0	5.9	5.5	7.3	5.2	7.3	6.0
AST 7001	6.4	5.0	5.6	5.9	4.7	6.4	5.8	7.6	5.7	6.7	6.0
PSG-85QR	6.2	6.0	6.2	5.6	5.0	5.9	5.9	7.1	5.5	6.4	6.0
JT-42	5.6	5.6	6.0	6.4	4.8	6.0	6.0	7.3	5.6	6.7	6.0
J-130	6.5	5.5	5.6	6.2	5.3	6.0	6.1	7.2	5.2	6.3	6.0
JT-33	6.1	5.5	6.2	5.9	5.0	5.5	5.9	7.1	5.7	6.7	6.0
JT-36	6.3	5.4	5.5	5.9	4.7	5.9	6.0	7.4	5.6	6.8	6.0
DP 50-9411	5.7	5.9	5.1	6.3	5.3	6.1	6.4	7.2	5.6	5.9	6.0
PSG-TTRH	6.6	5.6	6.2	5.7	5.1	5.4	5.8	7.0	5.6	6.4	5.9
TURBO RZ (BURL-TF8)	6.6	5.8	5.5	6.1	5.3	6.0	5.8	7.3	5.5	5.5	5.9
ATF 1328	6.4	5.4	5.4	5.8	4.6	5.6	6.2	7.5	5.5	6.9	5.9
TOCCOA (IS-TF-151)	5.9	5.8	5.3	6.3	4.8	5.9	6.2	7.3	5.0	6.7	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" *
2007 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	RI1	TN1	UT1	WI1	MEAN
MVS-1107	6.5	5.7	5.9	5.6	5.2	5.8	5.4	7.3	5.8	6.2	5.9
06-DUST	6.5	5.9	5.7	5.5	4.7	5.3	5.8	7.3	5.5	6.9	5.9
RAPTOR II (MVS-TF-158)	6.4	5.8	5.1	6.6	4.8	5.7	6.1	7.4	5.1	6.2	5.9
REMBRANDT	6.3	5.9	6.4	5.3	4.8	5.7	5.7	6.9	5.9	6.3	5.9
BILTMORE	6.1	6.0	5.7	5.5	4.8	6.3	5.5	7.2	5.6	6.5	5.9
EINSTEIN	6.4	5.8	5.9	6.1	5.0	5.4	5.1	7.0	6.1	6.2	5.9
IS-TF-135	5.6	5.7	5.6	6.5	4.8	5.7	6.0	7.3	5.0	6.6	5.9
JT-45	5.9	5.8	6.0	5.8	5.0	5.7	5.7	7.1	5.4	6.2	5.9
MAGELLAN	6.3	5.8	6.0	5.2	4.6	5.3	5.6	7.1	5.7	7.1	5.9
PSG-RNDR	6.6	5.7	5.7	5.3	4.6	5.8	5.5	7.1	5.6	6.6	5.8
STR-8GRQR	6.0	5.6	5.7	5.4	4.8	5.5	5.8	7.2	5.5	6.9	5.8
ATF 1247	6.2	5.8	5.0	5.9	4.4	5.6	5.6	7.2	5.6	7.1	5.8
MVS-341	6.5	5.2	5.1	5.4	4.5	5.5	6.0	7.2	6.1	6.6	5.8
TAHOE II	5.8	5.8	5.7	5.4	4.3	5.6	6.1	7.1	5.4	6.9	5.8
LINDBERGH	5.6	5.4	6.0	5.8	4.5	5.2	5.4	7.4	6.3	6.4	5.8
BAR FA 6363	5.9	5.3	5.3	5.6	4.8	5.7	5.5	7.3	5.7	6.8	5.8
0312	6.1	5.7	5.3	5.4	4.5	5.8	6.0	7.5	5.4	6.3	5.8
GO-1BFD	6.2	6.0	6.3	5.3	4.7	5.2	5.4	7.2	5.2	5.7	5.7
ARISTOTLE	6.6	5.3	5.7	5.3	4.6	5.3	5.5	6.7	5.8	6.2	5.7
06-WALK	6.2	5.1	5.6	5.0	4.5	5.3	5.5	7.4	5.0	6.8	5.6
PLATO	6.0	5.5	5.5	5.1	4.5	5.0	5.4	7.0	5.8	6.3	5.6
PSG-TTST	6.3	5.8	5.8	5.0	4.3	5.1	5.1	7.3	5.4	5.9	5.6
SILVERADO	6.4	5.1	4.9	4.6	4.0	5.0	4.7	6.8	5.0	5.1	5.2
KY-31	5.1	4.5	3.7	3.4	3.0	3.4	2.8	6.0	3.7	2.8	3.8
LSD VALUE	0.9	0.8	1.3	0.7	0.5	0.7	0.6	0.5	0.7	1.3	0.3
C.V. (%)	8.7	8.2	14.0	6.9	6.5	7.7	6.1	4.6	7.2	12.5	8.8

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.

*/ SCHEDULE B (LOW MAINTENANCE)
1. MOWING HEIGHT: 2.5" TO 3.5"
2. NITROGEN RATE: 0 - 0.25 LBS. N/1000 SQ. FT./GROWING MONTH (USE 2-4 APPLICATIONS PER YEAR - NOT MONTHLY APPLICATIONS)
3. IRRIGATION: 50 - 65% POTENTIAL ET; IN FINAL YEAR ONLY (2011), DO NOT IRRIGATE FOR JUNE-AUGUST, IRRIGATE TO EVALUATE RECOVERY IN SEPTEMBER
4. NO FUNGICIDES OR INSECTICIDES USED
5. MINIMUM WEED CONTROL TO PREVENT STAND LOSS

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	PA1	RI1	MEAN
K06-WA	6.7	7.7	6.2	6.8
RKCL	6.5	7.8	5.9	6.7
DP 50-9440	6.2	7.8	6.0	6.7
IS-TF-159	6.0	7.6	6.1	6.6
MONET (LTP-610 CL)	5.6	7.7	6.3	6.5
ATM	5.7	7.8	6.0	6.5
FAT CAT (IS-TF-161)	5.9	7.1	6.5	6.5
SC-1	5.7	7.4	6.3	6.5
IS-TF-152	5.9	6.9	6.5	6.4
3RD MILLENNIUM SRP	5.8	7.6	5.9	6.4
RK 6	5.8	7.6	5.9	6.4
AST-1	6.0	6.8	6.4	6.4
JAMBOREE (IS-TF-128)	6.0	7.2	6.0	6.4
SH 3	5.3	7.8	6.0	6.4
SPYDER LS (Z-2000)	5.6	7.4	6.1	6.4
SPEEDWAY (STR-8BPDX)	5.6	7.3	6.1	6.4
TURBO	5.3	7.2	6.5	6.3
BULLSEYE	5.3	7.4	6.3	6.3
FIRENZA	5.7	7.4	5.9	6.3
RNP	6.2	6.9	5.7	6.3
IS-TF-138	5.5	6.9	6.5	6.3
BGR-TF1	5.8	6.8	6.3	6.3
RK 5	5.6	7.4	5.9	6.3
FIRECRACKER LS (MVS-MST)	5.7	7.6	5.6	6.3
VAN GOGH (LTP-RK2)	5.8	7.3	5.7	6.3
RK 4	5.8	7.3	5.6	6.2
LS-11	5.8	6.4	6.4	6.2
NA-BT-1	5.2	7.4	6.0	6.2
RAPTOR II (MVS-TF-158)	5.4	7.1	6.1	6.2
RHAMBLER SRP (RHAMBLER)	5.6	7.1	6.0	6.2
KZ-2	5.3	6.6	6.8	6.2
ATF 1328	5.7	6.7	6.2	6.2
IS-TF-135	5.7	6.9	6.0	6.2
HEMI	5.5	7.2	5.9	6.2
AST-3	5.9	6.9	5.7	6.2
KZ-1	5.8	6.7	6.0	6.2
LS-06	5.4	6.8	6.2	6.2
TG 50-9460	5.5	7.1	5.9	6.1
BGR-TF2	5.9	6.3	6.3	6.1
TOCCOA (IS-TF-151)	5.6	6.6	6.2	6.1
MUSTANG 4 (M4)	5.7	7.1	5.6	6.1
TALLADEGA (RP 3)	5.6	6.8	6.0	6.1
WOLFPACK (PST-5WMB)	5.3	7.3	5.8	6.1
COL-J	5.6	6.7	6.0	6.1
J-130	5.2	7.0	6.1	6.1
NA-SS	5.4	6.7	6.2	6.1
AST-4	5.1	6.9	6.3	6.1
J-140	5.1	7.1	6.1	6.1
TRAVERSE SRP (RK-1)	5.4	7.1	5.8	6.1
GWTF	5.7	6.4	6.1	6.1
TULSA TIME (TULSA III)	5.6	6.7	5.9	6.1
COL-M	5.3	6.8	6.0	6.1
JT-45	5.8	6.7	5.7	6.0
DP 50-9407	5.6	6.7	5.9	6.0
SR 8650 (STR-8LMM)	5.3	7.1	5.7	6.0
ESSENTIAL (IS-TF-154)	5.3	7.2	5.6	6.0
AST 7003	5.6	6.3	6.1	6.0
AGGRESSOR (IS-TF-153)	5.5	6.6	5.9	6.0
DP 50-9411	5.0	6.6	6.4	6.0
RP 2	5.8	6.6	5.7	6.0
JT-41	5.4	6.6	6.0	6.0
ROCKET (IS-TF-147)	5.1	6.9	6.0	6.0
DARLINGTON (CS-TF1)	5.7	6.2	6.0	6.0
RAD-TF17	5.5	6.4	5.9	5.9
COL-1	5.0	6.7	6.1	5.9
HUNTER	5.7	6.3	5.7	5.9
JT-33	5.2	6.6	5.9	5.9
ESCALADE	4.8	7.2	5.7	5.9
FALCON IV	5.2	6.9	5.6	5.9
TAHOE II	5.0	6.5	6.1	5.9
AST-2	5.0	6.8	6.0	5.9
PSG-85QR	4.8	6.9	5.9	5.9
GE-1	5.1	6.7	5.8	5.9
MVS-341	5.2	6.3	6.0	5.9
LS-03	5.2	6.2	6.0	5.8
AST 7002	5.1	6.5	5.8	5.8
PSG-TTRH	5.1	6.4	5.8	5.8
DKS	4.7	6.7	6.0	5.8
JT-36	4.7	6.7	6.0	5.8
STR-8BB5	4.9	6.7	5.8	5.8
ATF 1247	5.3	6.4	5.6	5.8
TITANIUM LS (MVS-BB-1)	5.1	6.7	5.5	5.8
JUSTICE	5.1	6.7	5.4	5.7
ATF-1199	5.0	6.4	5.8	5.7
SKYLINE	5.0	6.2	6.0	5.7
PST-5HP	4.5	7.1	5.5	5.7
JT-42	5.0	6.1	6.0	5.7
TURBO RZ (BURL-TF8)	4.6	6.7	5.8	5.7
BAR FA 6253	5.0	6.6	5.5	5.7

TABLE 3. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS GROWN AT THREE LOCATIONS 1/ IN THE NORTHEAST REGION 2007 DATA

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

NAME	NJ2	PA1	RI1	MEAN
0312	5.0	6.2	6.0	5.7
REBEL IV	5.1	6.4	5.5	5.7
AST 7001	5.2	5.8	5.8	5.6
STR-8GRQR	4.6	6.5	5.8	5.6
CE 1	4.6	6.7	5.5	5.6
CEZANNE RZ (LTP-CRL)	5.0	6.3	5.5	5.6
MAGELLAN	4.8	6.2	5.6	5.5
PSG-82BR	4.7	6.3	5.6	5.5
PADRE	4.6	6.2	5.6	5.5
EINSTEIN	4.9	6.4	5.1	5.5
06-DUST	4.4	6.1	5.8	5.4
06-WALK	4.6	6.2	5.5	5.4
BILTMORE	4.6	6.1	5.5	5.4
MVS-1107	4.5	6.3	5.4	5.4
REMBRANDT	4.3	6.1	5.7	5.4
BAR FA 6363	5.0	5.6	5.5	5.4
PSG-RNDR	4.6	5.9	5.5	5.3
PLATO	4.4	6.1	5.4	5.3
LINDBERGH	4.2	5.8	5.4	5.2
ARISTOTLE	4.3	5.5	5.5	5.1
GO-1BFD	4.1	5.8	5.4	5.1
PSG-TTST	4.0	5.3	5.1	4.8
SILVERADO	3.3	4.8	4.7	4.3
KY-31	1.2	3.4	2.8	2.5
LSD VALUE	0.8	0.6	0.6	0.4
C.V. (%)	9.6	5.4	6.1	7.0

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

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

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS GROWN AT EIGHT LOCATIONS 1/ IN THE TRANSITION REGION 2007 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
SC-1	7.7	5.7	7.5	6.1	5.9	7.8	7.6	5.7	6.7
SH 3	7.4	5.5	7.0	5.8	6.3	8.3	7.5	5.4	6.6
RK 6	7.7	5.4	7.8	5.9	6.5	6.9	7.8	5.0	6.6
TURBO	7.5	5.5	7.5	5.9	6.3	7.4	7.5	5.4	6.6
FIRECRACKER LS (MVS-MST)	7.5	5.3	7.9	6.1	5.8	8.0	7.4	4.8	6.6
3RD MILLENNIUM SRP	7.5	5.3	7.2	6.2	6.3	7.9	7.5	4.9	6.6
NA-BT-1	7.6	5.3	7.2	6.1	6.5	8.0	7.4	4.3	6.6
KO6-WA	7.6	5.7	7.7	5.5	5.9	7.7	7.6	4.8	6.6
SPYDER LS (Z-2000)	7.6	5.0	7.3	6.2	6.2	7.8	7.5	4.9	6.6
RKCL	7.4	5.5	7.8	6.1	5.7	7.9	7.4	4.7	6.5
FIRENZA	7.5	5.4	7.4	6.1	6.0	7.5	7.3	5.1	6.5
RHAMBLER SRP (RHAMBLER)	7.5	5.1	7.2	5.4	6.2	8.1	7.6	4.9	6.5
BULLSEYE	7.7	5.5	7.4	5.0	6.3	7.0	7.8	5.4	6.5
ATM	7.5	5.4	7.5	5.4	6.0	8.0	7.3	4.6	6.5
MONET (LTP-610 CL)	7.5	5.3	7.4	5.2	6.3	8.0	7.3	4.7	6.5
MUSTANG 4 (M4)	7.6	5.3	7.1	5.3	5.9	7.6	7.4	5.5	6.5
IS-TF-138	7.9	5.2	7.6	6.1	6.4	6.9	7.5	4.1	6.5
AST-3	7.6	5.3	7.7	5.8	6.5	7.1	7.5	4.2	6.5
RK 5	7.6	5.2	7.2	5.8	6.0	8.1	7.3	4.3	6.4
IS-TF-152	7.6	5.0	7.0	5.8	6.0	6.7	7.9	5.3	6.4
FAT CAT (IS-TF-161)	7.8	5.0	6.7	6.2	5.9	7.4	7.5	4.6	6.4
VAN GOGH (LTP-RK2)	7.6	5.3	7.0	6.2	5.6	7.5	7.6	4.3	6.4
DP 50-9407	7.5	5.7	7.2	5.8	5.6	7.7	7.2	4.4	6.4
SR 8650 (STR-8LMM)	7.6	5.3	7.0	6.0	6.1	7.1	7.3	4.7	6.4
TRAVERSE SRP (RK-1)	7.5	5.0	7.1	5.8	6.2	7.9	7.4	4.1	6.4
AGGRESSOR (IS-TF-153)	7.8	5.1	6.9	5.8	6.0	7.3	7.6	4.5	6.4
RAPTOR II (MVS-TF-158)	7.7	4.8	7.3	6.0	5.7	7.0	7.4	5.1	6.4
WOLFPACK (PST-5WMB)	7.4	5.6	7.1	5.1	5.9	7.5	7.5	4.5	6.3
DP 50-9411	7.4	5.3	6.8	6.3	6.1	6.9	7.2	4.8	6.3
PST-5HP	7.8	5.2	6.8	5.7	6.0	6.6	7.6	5.0	6.3
TALLADEGA (RP 3)	7.4	5.3	7.4	5.3	6.5	7.0	7.2	4.6	6.3
AST-1	7.5	4.9	7.5	5.9	6.3	6.2	7.4	4.8	6.3
JAMBOREE (IS-TF-128)	7.6	5.2	7.4	5.8	6.0	6.8	7.5	4.3	6.3
IS-TF-159	7.5	5.2	7.3	6.1	6.2	6.8	7.5	3.9	6.3
J-130	7.5	5.3	7.2	6.3	6.0	7.1	7.2	3.8	6.3
CEZANNE RZ (LTP-CRL)	7.5	5.1	7.0	4.7	5.8	7.7	7.7	4.7	6.3
ESSENTIAL (IS-TF-154)	7.7	5.2	7.0	5.7	6.2	6.8	7.2	4.4	6.3
COL-1	7.5	4.7	7.3	5.2	6.0	7.1	7.7	4.6	6.3
GE-1	7.6	4.9	6.7	6.1	5.6	7.1	7.3	4.8	6.3
STR-8BB5	7.4	4.9	6.7	5.5	5.6	8.2	7.2	4.5	6.3
ROCKET (IS-TF-147)	7.5	5.4	7.3	5.0	6.0	6.8	7.6	4.3	6.2
PSG-85QR	7.4	5.0	6.7	5.7	5.9	7.2	7.1	4.9	6.2
RP 2	7.5	5.0	7.0	5.2	6.3	6.3	7.5	5.1	6.2
J-140	7.3	5.3	7.1	5.8	5.8	7.0	7.4	4.2	6.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT EIGHT LOCATIONS 1/
IN THE TRANSITION REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
SPEEDWAY (STR-8BPDX)	7.6	5.1	6.6	5.4	6.0	7.1	7.4	4.7	6.2
FALCON IV	7.4	5.2	6.4	5.8	6.3	6.8	7.3	4.7	6.2
TG 50-9460	7.4	5.3	6.9	5.8	5.8	6.8	7.4	4.6	6.2
JT-41	7.7	5.0	7.2	5.1	6.5	6.8	7.0	4.6	6.2
TITANIUM LS (MVS-BB-1)	7.5	4.8	6.5	5.8	6.2	6.9	7.3	4.8	6.2
DP 50-9440	7.5	5.0	7.1	5.6	5.7	7.1	7.4	4.5	6.2
MVS-1107	7.4	5.2	6.4	5.9	5.8	6.9	7.3	5.0	6.2
LS-06	7.5	4.9	7.5	5.7	5.9	6.7	7.4	4.3	6.2
KZ-2	7.4	5.0	7.2	5.9	6.0	6.9	7.5	3.9	6.2
COL-M	7.6	4.8	7.7	5.1	6.0	7.2	7.3	4.1	6.2
HEMI	7.5	5.3	7.0	5.5	6.1	6.9	7.2	4.2	6.2
LS-03	7.6	4.8	7.6	5.8	5.6	6.3	7.5	4.4	6.2
JUSTICE	7.4	4.6	6.8	5.0	6.3	8.0	6.9	4.6	6.2
RK 4	7.2	5.0	7.2	5.4	5.7	7.4	7.5	4.2	6.2
BGR-TF1	7.5	4.8	7.5	4.8	5.8	7.0	7.6	4.4	6.2
ATF-1199	7.5	5.0	6.6	5.2	6.1	7.5	7.0	4.4	6.2
TULSA TIME (TULSA III)	7.6	5.0	7.0	5.0	5.5	7.4	7.3	4.6	6.2
ESCALADE	7.5	4.9	6.5	5.6	5.6	7.6	7.2	4.4	6.2
AST-2	7.5	4.8	7.4	5.7	5.5	6.7	7.5	4.2	6.2
BAR FA 6253	7.8	5.0	7.3	5.3	5.9	6.7	7.3	3.9	6.2
COL-J	7.6	4.8	7.1	5.4	6.2	6.1	7.4	4.5	6.2
JT-42	7.5	4.8	6.8	5.4	6.0	7.3	7.3	4.1	6.1
CE 1	7.5	5.0	6.7	5.1	5.8	7.2	7.4	4.4	6.1
RNP	7.5	5.2	7.5	5.0	5.9	6.1	7.6	4.3	6.1
ATF 1328	7.5	4.6	6.7	6.3	5.6	6.3	7.5	4.6	6.1
JT-45	7.5	5.0	7.2	5.4	5.7	6.7	7.1	4.6	6.1
KZ-1	7.5	4.7	7.5	5.0	6.5	6.2	7.3	4.2	6.1
LS-11	7.5	5.3	6.5	5.7	6.0	6.3	7.0	4.5	6.1
AST 7002	7.5	4.5	7.0	5.2	6.3	6.7	7.4	4.2	6.1
AST-4	7.5	4.7	7.3	5.1	5.9	6.3	7.4	4.6	6.1
BGR-TF2	7.6	5.0	7.2	5.0	5.3	6.6	7.5	4.6	6.1
GWTF	7.6	4.8	7.0	5.1	5.8	6.7	7.5	4.3	6.1
REMBRANDT	7.4	4.8	6.4	5.9	5.7	7.0	6.9	4.6	6.1
DKS	7.5	5.1	6.9	5.0	5.7	6.6	7.2	4.7	6.1
DARLINGTON (CS-TF1)	7.5	4.8	7.1	5.2	6.6	6.3	7.3	3.9	6.1
IS-TF-135	7.5	4.8	7.8	5.0	5.7	5.8	7.3	4.6	6.1
AST 7001	7.4	4.7	6.9	4.9	6.4	6.4	7.6	4.2	6.1
AST 7003	7.5	4.8	7.0	5.2	5.6	6.6	7.5	4.2	6.0
TOCCOA (IS-TF-151)	7.7	4.8	7.5	5.4	5.9	6.6	7.3	3.1	6.0
TURBO RZ (BURL-TF8)	7.4	5.3	6.3	4.9	6.0	6.7	7.3	4.3	6.0
REBEL IV	7.4	5.0	6.3	5.7	5.6	7.4	6.9	4.0	6.0
LINDBERGH	7.5	4.5	6.3	5.6	5.2	6.8	7.4	5.1	6.0
HUNTER	7.5	5.0	6.8	5.9	5.4	6.8	7.2	3.7	6.0
PSG-RNDR	7.6	4.6	6.5	5.0	5.8	6.5	7.1	4.8	6.0
RAD-TF17	7.3	5.0	6.5	4.6	6.3	7.1	7.2	3.9	6.0

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT EIGHT LOCATIONS 1/
IN THE TRANSITION REGION
2007 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
BILTMORE	7.5	4.8	6.5	5.2	6.3	6.5	7.2	3.9	6.0
SKYLINE	7.5	4.9	6.6	4.9	5.8	6.6	7.4	4.2	6.0
NA-SS	7.5	4.6	6.7	5.5	6.3	6.0	7.2	4.1	6.0
JT-36	7.5	4.7	6.9	4.4	5.9	6.2	7.4	4.6	6.0
EINSTEIN	7.5	5.0	6.5	5.4	5.4	6.3	7.0	4.4	5.9
STR-8GRQR	7.5	4.8	6.4	5.1	5.5	6.4	7.2	4.5	5.9
0312	7.6	4.5	7.0	4.9	5.8	5.9	7.5	4.3	5.9
TAHOE II	7.4	4.3	6.3	5.6	5.6	7.0	7.1	4.1	5.9
JT-33	7.5	5.0	6.9	4.8	5.5	6.5	7.1	4.0	5.9
PSG-82BR	7.3	4.9	7.1	4.5	5.5	6.8	7.2	3.8	5.9
PSG-TTRH	7.6	5.1	6.4	4.7	5.4	6.3	7.0	4.7	5.9
MAGELLAN	7.5	4.6	5.9	5.5	5.3	6.4	7.1	4.8	5.9
PSG-TTST	7.5	4.3	6.3	5.3	5.1	6.5	7.3	4.6	5.9
GO-1BFD	7.4	4.7	6.2	5.3	5.2	6.3	7.2	4.7	5.9
06-DUST	7.4	4.7	6.4	4.7	5.3	6.9	7.3	4.3	5.9
PADRE	7.5	4.7	6.4	4.8	5.7	7.2	7.0	3.4	5.9
ATF 1247	7.6	4.4	6.4	4.8	5.6	6.8	7.2	4.0	5.8
06-WALK	7.5	4.5	6.8	4.9	5.3	6.2	7.4	3.9	5.8
MVS-341	7.5	4.5	6.2	5.0	5.5	6.0	7.2	4.3	5.8
PLATO	7.5	4.5	6.0	4.9	5.0	6.1	7.0	5.0	5.7
BAR FA 6363	7.4	4.8	6.1	4.7	5.7	6.0	7.3	3.5	5.7
ARISTOTLE	7.6	4.6	5.8	5.1	5.3	6.0	6.7	4.1	5.7
SILVERADO	7.0	4.0	5.5	4.8	5.0	5.6	6.8	4.6	5.4
KY-31	4.9	3.0	4.1	3.5	3.4	4.5	6.0	5.1	4.3
LSD VALUE	0.3	0.5	0.7	1.2	0.7	1.2	0.5	1.0	0.3
C.V. (%)	2.5	6.5	6.1	13.2	7.7	10.7	4.6	14.1	8.3

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

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

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE SOUTHEAST REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	MS1	TX1	MEAN	NAME	GA1	MS1	TX1	MEAN
RHAMBLER SRP (RHAMBLER)	6.9	6.4	6.7	6.7	JUSTICE	6.9	6.4	5.5	6.3
RK 4	6.9	6.4	6.7	6.7	KZ-2	6.8	6.4	5.7	6.3
KO6-WA	7.1	6.4	6.3	6.6	IS-TF-152	6.3	6.4	6.2	6.3
RK 5	7.1	6.4	6.3	6.6	J-140	6.4	6.3	6.2	6.3
3RD MILLENNIUM SRP	6.9	6.4	6.5	6.6	PSG-82BR	6.6	6.3	6.0	6.3
TRAVERSE SRP (RK-1)	7.0	6.3	6.3	6.5	CE 1	6.6	6.4	5.9	6.3
WOLFPACK (PST-5WMB)	6.6	6.4	6.6	6.5	J-130	6.5	6.4	5.9	6.3
ATM	6.9	6.4	6.3	6.5	LS-11	6.6	6.4	5.8	6.3
NA-BT-1	6.8	6.3	6.5	6.5	IS-TF-138	6.6	6.0	6.2	6.3
MUSTANG 4 (M4)	6.8	6.4	6.3	6.5	JT-36	6.3	6.3	6.1	6.3
GE-1	7.1	6.4	6.1	6.5	LS-03	6.5	6.4	5.9	6.3
MONET (LTP-610 CL)	7.0	6.4	6.0	6.5	TURBO	6.4	6.3	6.0	6.3
SC-1	6.8	6.4	6.2	6.4	AST 7001	6.4	6.4	5.9	6.3
RKCL	6.2	6.5	6.6	6.4	RAPTOR II (MVS-TF-158)	6.4	6.4	6.0	6.3
SR 8650 (STR-8LMM)	6.8	6.4	6.0	6.4	FIRENZA	6.3	6.4	6.0	6.2
AST-2	6.9	6.4	5.9	6.4	TG 50-9460	6.4	6.4	5.9	6.2
DP 50-9440	6.4	6.3	6.5	6.4	DKS	6.2	6.4	6.1	6.2
AST-4	6.7	6.4	6.0	6.4	MVS-341	6.5	6.4	5.7	6.2
PSG-RNDR	6.6	6.3	6.1	6.4	O6-DUST	6.5	6.4	5.7	6.2
IS-TF-159	6.8	6.2	6.1	6.4	MVS-1107	6.5	6.3	5.9	6.2
TULSA TIME (TULSA III)	6.5	6.3	6.3	6.4	EINSTEIN	6.4	6.4	5.8	6.2
COL-M	6.3	6.4	6.4	6.4	HEMI	6.5	6.4	5.7	6.2
TITANIUM LS (MVS-BB-1)	6.6	6.4	6.0	6.4	FAT CAT (IS-TF-161)	6.3	6.4	5.8	6.2
SH 3	6.3	6.4	6.3	6.4	SPYDER LS (Z-2000)	5.7	6.4	6.4	6.2
ROCKET (IS-TF-147)	6.6	6.4	6.0	6.3	BGR-TF1	6.3	6.4	5.9	6.2
FALCON IV	6.8	6.3	5.9	6.3	ATF 1247	6.2	6.4	5.9	6.2
FIRECRACKER LS (MVS-MST)	6.4	6.4	6.2	6.3	AST-1	6.4	6.3	5.8	6.2
SPEEDWAY (STR-8BPDX)	6.6	6.4	6.0	6.3	BGR-TF2	6.0	6.4	6.1	6.2
DARLINGTON (CS-TF1)	6.6	6.4	6.0	6.3	STR-8BB5	5.9	6.4	6.1	6.1
VAN GOGH (LTP-RK2)	6.3	6.4	6.3	6.3	COL-J	6.4	6.3	5.8	6.1
CEZANNE RZ (LTP-CRL)	6.4	6.3	6.3	6.3	TOCCOA (IS-TF-151)	5.9	6.3	6.3	6.1
ESSENTIAL (IS-TF-154)	6.7	6.4	5.8	6.3	ATF-1199	6.3	6.4	5.8	6.1
AST 7002	6.6	6.4	5.9	6.3	ESCALADE	6.2	6.5	5.7	6.1
RP 2	6.3	6.4	6.2	6.3	MAGELLAN	6.3	6.4	5.8	6.1
GWTF	6.7	6.2	6.0	6.3	PST-5HP	5.9	6.4	6.1	6.1
BULLSEYE	6.4	6.3	6.2	6.3	ATF 1328	6.4	6.2	5.8	6.1
AST 7003	6.6	6.4	5.8	6.3	GO-1BFD	6.2	6.4	5.8	6.1
PADRE	6.7	6.4	5.8	6.3	PSG-85QR	6.2	6.4	5.8	6.1
SKYLINE	6.6	6.4	5.9	6.3	REBEL IV	6.6	6.4	5.4	6.1
AGGRESSOR (IS-TF-153)	6.8	6.2	5.9	6.3	PSG-TTRH	6.6	6.4	5.4	6.1
TALLADEGA (RP 3)	6.3	6.3	6.3	6.3	COL-1	6.3	6.3	5.8	6.1
DP 50-9407	6.4	6.4	6.1	6.3	RAD-TF17	6.4	6.2	5.8	6.1
RNP	6.4	6.4	6.0	6.3	REMBRANDT	6.3	6.4	5.7	6.1
HUNTER	6.3	6.4	6.2	6.3	AST-3	5.9	6.3	6.2	6.1
					NA-SS	6.2	6.4	5.8	6.1

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS GROWN AT THREE LOCATIONS 1/ IN THE SOUTHEAST REGION 2007 DATA

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

NAME	GA1	MS1	TX1	MEAN
BILTMORE	6.1	6.4	5.8	6.1
PLATO	6.0	6.4	5.9	6.1
JT-41	6.3	6.3	5.6	6.1
ARISTOTLE	6.6	6.3	5.4	6.1
06-WALK	6.2	6.3	5.8	6.1
RK 6	5.9	6.4	5.9	6.1
TURBO RZ (BURL-TF8)	6.6	6.4	5.2	6.1
BAR FA 6253	5.8	6.4	6.0	6.1
PSG-TTST	6.3	6.3	5.6	6.0
LINDBERGH	5.6	6.5	5.9	6.0
STR-8GRQR	6.0	6.3	5.7	6.0
LS-06	6.3	6.4	5.4	6.0
JT-42	5.6	6.4	6.0	6.0
SILVERADO	6.4	6.2	5.4	6.0
DP 50-9411	5.7	6.3	5.9	6.0
KZ-1	6.5	6.3	5.1	6.0
JT-45	5.9	6.4	5.6	6.0
TAHOE II	5.8	6.3	5.8	6.0
JT-33	6.1	6.4	5.3	5.9
IS-TF-135	5.6	6.4	5.9	5.9
BAR FA 6363	5.9	6.2	5.6	5.9
0312	6.1	6.1	5.2	5.8
JAMBOREE (IS-TF-128)	5.7	6.4	5.1	5.8
KY-31	5.1	5.1	4.8	5.0
LSD VALUE	0.9	0.6	0.6	0.4
C.V. (%)	8.7	7.7	6.4	7.8

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 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
K06-WA	6.4	6.4	6.2	6.1	7.1	7.9	6.7
ATM	6.8	6.0	6.3	5.9	6.5	7.6	6.5
3RD MILLENNIUM SRP	6.6	6.6	6.3	5.7	6.9	6.9	6.5
SH 3	5.8	6.1	6.6	6.4	6.9	7.1	6.5
AGGRESSOR (IS-TF-153)	6.6	5.8	6.0	6.3	6.4	7.6	6.4
SPYDER LS (Z-2000)	6.2	5.8	6.4	6.2	7.2	6.7	6.4
RK 6	6.4	5.8	6.7	6.0	7.0	6.6	6.4
RKCL	5.8	5.6	6.8	6.5	6.8	6.8	6.4
FIRENZA	6.0	6.8	6.2	6.0	6.3	7.0	6.4
WOLFPACK (PST-5WMB)	6.6	6.6	6.2	5.6	6.3	6.9	6.4
COL-J	5.8	6.0	6.3	5.7	6.8	7.6	6.4
ESCALADE	5.9	5.9	6.5	5.2	7.3	7.4	6.3
AST-1	5.8	6.0	5.9	5.8	6.9	7.6	6.3
AST-2	5.9	6.7	6.5	5.6	6.6	6.8	6.3
SC-1	5.8	5.8	6.3	5.8	7.2	7.1	6.3
JAMBOREE (IS-TF-128)	6.3	5.6	6.7	6.5	6.9	5.9	6.3
J-140	5.9	6.8	6.1	5.3	7.0	6.8	6.3
FIRECRACKER LS (MVS-MST)	5.8	5.8	6.0	5.5	7.2	7.6	6.3
TALLADEGA (RP 3)	5.8	6.0	5.9	5.8	6.7	7.7	6.3
RK 5	6.7	5.6	6.2	5.5	7.4	6.4	6.3
RHAMBLER SRP (RHAMBLER)	5.9	6.5	6.2	5.4	6.3	7.3	6.3
NA-BT-1	6.2	6.1	6.3	5.1	6.6	7.5	6.3
MUSTANG 4 (M4)	6.3	6.3	5.5	5.5	7.4	6.7	6.3
TITANIUM LS (MVS-BB-1)	6.3	6.1	6.1	5.2	6.7	7.3	6.3
MONET (LTP-610 CL)	6.3	5.4	6.4	6.3	6.6	6.7	6.3
AST-3	6.0	6.8	6.3	5.6	5.7	6.9	6.2
RNP	5.6	6.0	6.2	6.1	7.1	6.3	6.2
TOCCOA (IS-TF-151)	5.8	5.3	6.3	5.9	7.2	6.7	6.2
LS-06	5.7	6.1	6.2	5.6	6.6	6.9	6.2
DP 50-9440	5.9	5.4	6.3	6.0	7.3	6.2	6.2
TRAVERSE SRP (RK-1)	6.3	6.5	6.2	5.3	6.0	6.9	6.2
TULSA TIME (TULSA III)	6.2	5.6	6.1	5.3	6.2	7.6	6.2
ATF-1199	5.6	6.8	5.7	5.2	6.8	7.0	6.2
DP 50-9407	6.3	5.5	5.8	5.7	6.9	6.7	6.2
VAN GOGH (LTP-RK2)	5.7	6.0	5.9	6.1	6.5	6.8	6.2
BGR-TF2	5.6	6.4	6.2	5.6	6.6	6.5	6.1
GWTF	5.8	6.3	6.2	5.8	6.4	6.4	6.1
HUNTER	6.0	6.0	6.1	5.2	6.6	6.9	6.1
JUSTICE	6.1	6.2	5.9	4.9	7.1	6.6	6.1
BAR FA 6253	6.0	6.2	5.8	4.9	6.6	7.3	6.1
AST-4	5.9	6.0	6.5	5.8	6.0	6.4	6.1
NA-SS	5.8	6.0	5.9	5.2	6.4	7.5	6.1
DKS	5.1	6.1	6.2	5.5	6.5	7.3	6.1
BGR-TF1	5.3	6.0	5.9	6.1	5.7	7.7	6.1

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
TURBO	6.3	6.0	5.8	5.8	6.6	6.1	6.1
COL-M	5.5	5.2	6.2	5.7	6.7	7.3	6.1
SPEEDWAY (STR-8BPDX)	6.5	6.1	5.7	5.5	6.0	6.7	6.1
TG 50-9460	5.8	5.6	6.4	5.5	6.7	6.6	6.1
BULLSEYE	6.0	5.5	6.2	6.0	6.7	6.1	6.1
ESSENTIAL (IS-TF-154)	5.9	6.0	6.3	5.3	6.2	6.8	6.1
STR-8BB5	6.2	6.0	5.9	4.6	7.1	6.8	6.1
RAPTOR II (MVS-TF-158)	5.8	5.1	6.6	6.1	6.8	6.2	6.1
JT-42	5.6	6.0	6.4	5.0	6.8	6.7	6.1
AST 7003	5.9	6.1	6.1	5.8	6.3	6.2	6.1
PSG-82BR	5.3	6.6	5.8	5.1	6.5	7.1	6.1
HEMI	5.8	6.0	6.2	5.8	6.4	6.1	6.1
AST 7002	5.7	5.9	5.8	5.3	6.2	7.6	6.1
REBEL IV	6.2	6.3	5.7	4.9	6.4	6.7	6.0
IS-TF-152	5.6	5.5	6.0	5.9	6.6	6.6	6.0
RK 4	5.8	5.5	6.1	5.8	6.5	6.6	6.0
CE 1	6.4	6.4	5.9	5.6	5.7	6.2	6.0
RAD-TF17	5.9	6.3	5.6	5.3	6.0	6.9	6.0
SR 8650 (STR-8LMM)	5.8	6.0	6.0	5.5	5.9	7.0	6.0
GE-1	6.4	5.6	5.6	5.2	6.7	6.7	6.0
PSG-85QR	6.0	6.2	5.6	4.8	7.1	6.4	6.0
DARLINGTON (CS-TF1)	5.3	6.3	6.1	5.4	6.6	6.3	6.0
ATF 1247	5.8	5.0	5.9	5.6	6.6	7.1	6.0
IS-TF-138	5.4	5.0	6.3	5.8	6.0	7.4	6.0
RP 2	6.3	6.3	5.9	5.3	5.6	6.6	6.0
J-130	5.5	5.6	6.2	5.5	6.9	6.3	6.0
06-DUST	5.9	5.7	5.5	5.3	6.7	6.9	6.0
IS-TF-159	5.5	5.5	6.5	5.8	6.1	6.6	6.0
KZ-1	5.7	5.8	5.8	5.8	5.8	7.0	6.0
LS-03	5.0	6.0	6.2	5.3	6.3	7.1	6.0
MAGELLAN	5.8	6.0	5.2	5.5	6.3	7.1	6.0
JT-36	5.4	5.5	5.9	5.3	6.9	6.8	6.0
JT-41	5.6	6.0	6.0	5.0	6.7	6.6	6.0
ATF 1328	5.4	5.4	5.8	5.8	6.6	6.9	6.0
KZ-2	5.6	6.1	6.0	5.4	6.3	6.3	6.0
TURBO RZ (BURL-TF8)	5.8	5.5	6.1	5.4	7.4	5.5	5.9
LS-11	5.6	5.5	6.2	5.6	5.8	6.9	5.9
IS-TF-135	5.7	5.6	6.5	5.5	5.8	6.6	5.9
DP 50-9411	5.9	5.1	6.3	5.6	6.7	5.9	5.9
CEZANNE RZ (LTP-CRL)	5.5	6.3	5.5	5.4	6.1	6.7	5.9
ROCKET (IS-TF-147)	5.8	5.9	6.1	5.4	6.5	5.8	5.9
FAT CAT (IS-TF-161)	5.2	5.6	6.3	5.3	6.2	6.9	5.9
EINSTEIN	5.8	5.9	6.1	4.8	6.8	6.2	5.9
JT-45	5.8	6.0	5.8	5.2	6.4	6.2	5.9
SKYLINE	5.8	6.1	5.4	5.3	6.3	6.5	5.9

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
BILTMORE	6.0	5.7	5.5	5.2	6.6	6.5	5.9
MVS-1107	5.7	5.9	5.6	4.8	7.3	6.2	5.9
COL-1	5.7	5.4	5.9	5.0	6.3	6.9	5.9
REMBRANDT	5.9	6.4	5.3	4.9	6.4	6.3	5.9
PADRE	5.9	5.7	6.1	5.1	5.8	6.4	5.8
STR-8GRQR	5.6	5.7	5.4	5.0	6.5	6.9	5.8
0312	5.7	5.3	5.4	5.6	6.8	6.3	5.8
JT-33	5.5	6.2	5.9	4.9	5.8	6.7	5.8
AST 7001	5.0	5.6	5.9	5.3	6.4	6.7	5.8
PST-5HP	5.8	6.5	5.9	4.8	5.5	6.4	5.8
BAR FA 6363	5.3	5.3	5.6	4.9	7.0	6.8	5.8
PSG-TTRH	5.6	6.2	5.7	4.8	6.2	6.4	5.8
TAHOE II	5.8	5.7	5.4	4.6	6.6	6.9	5.8
LINDBERGH	5.4	6.0	5.8	4.6	6.6	6.4	5.8
MVS-341	5.2	5.1	5.4	5.2	6.7	6.6	5.7
PSG-RNDR	5.7	5.7	5.3	5.0	5.8	6.6	5.7
FALCON IV	5.8	6.2	5.4	5.0	5.7	5.8	5.7
ARISTOTLE	5.3	5.7	5.3	4.5	6.8	6.2	5.6
GO-1BFD	6.0	6.3	5.3	4.3	6.1	5.7	5.6
06-WALK	5.1	5.6	5.0	4.9	6.3	6.8	5.6
PLATO	5.5	5.5	5.1	4.3	6.2	6.3	5.5
PSG-TTST	5.8	5.8	5.0	3.7	6.7	5.9	5.5
SILVERADO	5.1	4.9	4.6	2.9	5.9	5.1	4.7
KY-31	4.5	3.7	3.4	1.0	5.9	2.8	3.6
LSD VALUE	0.8	1.3	0.7	0.7	1.3	1.3	0.4
C.V. (%)	8.2	14.0	6.9	8.3	12.4	12.5	11.0

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
2007 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
LINDBERGH	5.0	5.7	7.0	6.3	7.0	6.3	7.0	6.3
DARLINGTON (CS-TF1)	4.3	5.0	6.3	7.0	7.7	7.3	6.5	6.3
3RD MILLENNIUM SRP	4.3	5.7	6.3	6.3	7.0	7.0	7.5	6.2
PADRE	5.0	6.3	6.7	6.3	6.0	6.0	7.3	6.2
MONET (LTP-610 CL)	4.7	5.7	6.3	6.3	6.7	7.0	7.0	6.2
JUSTICE	5.0	5.7	6.0	6.0	7.0	7.0	6.7	6.2
RP 2	4.0	5.0	6.7	7.0	7.3	7.0	6.3	6.2
MVS-341	4.7	5.7	6.0	6.3	6.7	7.0	6.7	6.1
RK 6	4.3	5.0	6.3	6.7	7.3	6.7	6.7	6.1
WOLFPACK (PST-5WMB)	4.3	5.7	6.0	5.7	7.3	7.0	6.7	6.1
SH 3	4.3	5.7	6.0	6.3	7.0	7.0	6.3	6.1
TRAVERSE SRP (RK-1)	4.7	5.7	6.0	6.0	7.3	6.3	6.7	6.1
EINSTEIN	4.7	6.0	6.3	6.3	7.0	6.3	5.5	6.1
CE 1	4.7	5.7	6.0	6.0	7.0	7.0	6.0	6.0
GWTF	4.7	5.3	6.0	6.0	7.3	7.0	6.0	6.0
SC-1	3.7	5.0	6.0	6.3	7.7	7.7	6.0	6.0
AST-3	3.7	4.7	6.3	6.0	7.0	7.3	7.0	6.0
CEZANNE RZ (LTP-CRL)	4.3	5.3	6.3	6.0	6.3	6.7	7.0	6.0
COL-J	3.3	4.7	6.3	7.0	7.0	7.0	6.7	6.0
ESSENTIAL (IS-TF-154)	4.3	5.7	6.0	6.3	6.3	7.0	6.3	6.0
FAT CAT (IS-TF-161)	4.0	4.7	6.0	6.3	7.7	7.0	6.3	6.0
REBEL IV	4.3	5.0	5.7	7.0	7.0	6.7	6.3	6.0
TG 50-9460	4.0	5.3	5.7	6.7	7.0	7.0	6.3	6.0
AST-4	4.0	4.7	5.7	6.7	7.3	7.0	6.3	6.0
ATM	4.3	4.7	5.7	6.0	7.0	7.0	7.0	6.0
KO6-WA	4.7	5.0	6.0	5.3	7.3	6.7	6.0	5.9
ESCALADE	4.0	5.3	6.0	6.3	7.0	6.3	6.0	5.9
KZ-1	3.7	5.0	6.0	6.3	7.0	6.7	6.3	5.9
REMBRANDT	4.7	5.7	5.7	6.0	6.0	6.7	6.3	5.9
RNP	4.0	5.0	5.7	6.0	7.3	7.0	6.0	5.9
BULLSEYE	3.7	5.0	5.7	5.7	7.0	7.0	7.0	5.9
RK 4	4.0	5.3	5.7	5.7	7.0	7.0	6.3	5.9
AST 7003	3.3	4.7	6.0	6.7	7.0	6.7	6.3	5.8
PSG-82BR	4.0	5.0	6.0	6.3	6.7	6.0	6.7	5.8
ARISTOTLE	5.3	6.7	5.7	5.3	6.3	5.7	5.7	5.8
DP 50-9440	3.3	4.0	5.7	5.7	7.7	7.7	6.7	5.8
SPEEDWAY (STR-8BPDX)	3.7	5.0	5.7	6.3	7.3	6.3	6.3	5.8
PLATO	5.0	6.0	6.0	5.7	6.3	6.0	5.3	5.8
KZ-2	3.7	4.7	6.3	6.0	7.0	6.7	6.0	5.8
MVS-1107	3.7	5.3	6.0	6.0	7.0	6.0	6.3	5.8
NA-BT-1	4.0	4.3	5.7	5.7	7.3	6.7	6.7	5.8
SR 8650 (STR-8LMM)	3.7	4.7	5.7	6.3	6.7	6.7	6.7	5.8
TITANIUM LS (MVS-BB-1)	4.0	5.3	5.3	6.0	6.7	6.7	6.3	5.8
AST 7001	3.3	4.3	5.3	6.7	7.7	6.7	6.0	5.7

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
(CONT'D) 2007 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
STR-8BB5	3.7	4.7	5.7	6.0	7.0	6.3	6.7	5.7
TALLADEGA (RP 3)	3.7	4.3	6.3	6.0	6.3	6.7	6.7	5.7
TULSA TIME (TULSA III)	3.7	4.3	5.3	6.0	6.3	7.0	7.3	5.7
AST-1	4.0	4.0	5.3	5.0	7.3	7.0	7.0	5.7
BAR FA 6363	3.7	5.0	6.0	5.7	6.7	6.3	6.3	5.7
GE-1	4.3	5.0	5.7	6.0	6.3	6.0	6.3	5.7
JAMBOREE (IS-TF-128)	4.0	4.7	5.3	5.7	7.0	6.3	6.7	5.7
JT-33	3.7	4.7	5.7	6.0	6.7	6.3	6.7	5.7
MAGELLAN	4.3	5.3	5.7	5.7	6.3	6.0	6.3	5.7
SKYLINE	3.3	4.7	5.7	6.3	6.7	6.7	6.5	5.7
RAD-TF17	4.3	5.0	5.7	5.7	6.7	6.7	5.5	5.6
AGGRESSOR (IS-TF-153)	3.3	4.7	5.3	5.3	7.0	7.0	6.7	5.6
COL-1	3.0	4.3	5.3	5.7	7.3	7.0	6.7	5.6
FALCON IV	3.7	4.7	5.7	5.3	7.0	6.3	6.7	5.6
JT-42	3.7	4.7	5.7	6.0	7.0	6.3	6.0	5.6
PSG-TTRH	3.7	4.7	5.7	6.0	7.0	6.3	6.0	5.6
RK 5	3.7	4.7	5.3	5.3	6.7	7.3	6.3	5.6
ATF 1247	3.3	4.7	6.0	6.0	6.7	6.0	6.7	5.6
BILTMORE	4.3	5.3	5.3	5.7	6.7	6.3	5.7	5.6
DP 50-9411	3.7	4.7	5.7	5.3	6.7	7.0	6.3	5.6
AST 7002	3.7	4.7	5.7	5.0	7.0	6.7	6.3	5.6
AST-2	3.7	4.3	5.0	6.0	7.3	6.3	6.3	5.6
BGR-TF1	3.3	4.3	5.3	5.7	7.0	7.0	6.3	5.6
COL-M	3.0	4.0	5.7	5.3	7.0	7.3	6.7	5.6
DP 50-9407	3.3	4.3	5.0	5.0	6.7	7.3	7.3	5.6
HUNTER	4.0	4.3	5.3	5.3	6.3	7.0	6.7	5.6
JT-36	4.0	5.0	5.0	5.3	6.7	6.7	6.3	5.6
LS-03	3.7	4.3	5.3	5.7	6.3	7.3	6.3	5.6
PST-5HP	3.7	4.3	5.7	5.7	6.7	6.3	6.7	5.6
PSG-RNDR	4.0	4.7	6.0	5.7	6.0	6.7	6.0	5.6
FIRECRACKER LS (MVS-MST)	3.7	4.3	5.0	4.7	7.0	7.3	6.7	5.5
FIRENZA	3.7	4.7	5.3	5.3	6.7	6.3	6.7	5.5
LS-06	3.3	4.3	5.0	5.3	6.7	7.3	6.7	5.5
LS-11	3.3	4.0	4.7	5.3	7.7	7.0	6.7	5.5
TURBO RZ (BURL-TF8)	3.7	4.7	5.7	5.3	6.3	6.3	6.7	5.5
06-DUST	3.7	4.3	5.7	6.0	7.0	6.0	5.7	5.5
ATF 1328	3.0	4.0	6.0	6.0	6.7	6.3	6.3	5.5
PSG-85QR	3.7	3.7	5.7	5.7	7.0	6.7	6.0	5.5
RHAMBLER SRP (RHAMBLER)	3.3	4.3	5.0	6.0	7.0	6.3	6.3	5.5
RKCL	3.7	4.0	5.0	4.7	7.7	7.3	6.5	5.5
ROCKET (IS-TF-147)	3.3	4.3	5.3	5.7	7.0	6.7	6.0	5.5
SPYDER LS (Z-2000)	3.7	3.7	5.0	5.7	6.7	6.7	7.0	5.5
NA-SS	3.3	4.7	5.0	4.7	6.3	7.0	7.3	5.5
STR-8GRQR	3.3	4.0	6.0	5.3	7.0	6.3	6.3	5.5
IS-TF-159	3.7	4.3	5.0	5.3	7.0	7.0	5.7	5.4

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
2007 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TAHOE II	3.3	4.3	5.0	5.7	7.0	6.3	6.3	5.4
TURBO	3.3	4.0	5.0	5.0	6.7	7.3	6.7	5.4
PSG-TTST	4.7	5.7	5.0	6.0	5.7	5.3	5.5	5.4
JT-41	2.7	3.7	5.0	6.0	7.0	7.0	6.3	5.4
JT-45	4.0	5.0	5.0	5.3	6.7	6.0	5.7	5.4
0312	3.0	3.3	5.0	7.0	7.0	6.3	6.0	5.4
J-140	2.7	4.0	5.0	5.3	7.0	7.0	6.7	5.4
MUSTANG 4 (M4)	3.0	3.7	5.0	5.0	7.0	7.0	7.0	5.4
HEMI	3.0	4.0	5.0	4.7	7.0	6.7	7.0	5.3
ATF-1199	3.7	4.3	5.0	4.7	6.7	6.3	6.3	5.3
BGR-TF2	3.0	4.0	5.7	5.3	7.0	6.3	5.7	5.3
GO-1BFD	3.7	4.0	5.3	4.7	6.3	5.7	7.0	5.2
J-130	3.0	4.0	4.7	5.0	7.0	6.3	6.3	5.2
BAR FA 6253	2.7	3.7	5.7	5.0	6.7	6.3	6.3	5.2
RAPTOR II (MVS-TF-158)	2.7	3.3	4.7	5.0	7.0	7.0	6.3	5.1
VAN GOGH (LTP-RK2)	4.0	4.0	4.3	4.3	6.3	6.0	7.0	5.1
DKS	3.0	4.3	4.3	4.3	7.3	6.3	6.3	5.1
IS-TF-138	3.3	3.7	4.3	4.7	6.7	7.0	6.0	5.1
SILVERADO	5.0	5.3	4.3	5.0	5.3	4.7	5.7	5.0
TOCCOA (IS-TF-151)	2.7	3.0	4.3	4.3	7.0	7.0	7.0	5.0
IS-TF-135	3.0	3.7	5.0	4.7	7.0	5.7	6.0	5.0
IS-TF-152	3.0	3.0	4.3	4.0	7.0	7.3	6.3	5.0
06-WALK	2.7	3.7	4.7	5.0	6.0	6.3	6.3	5.0
KY-31	4.3	4.7	3.0	3.0	3.7	3.0	4.0	3.7
LSD VALUE	1.1	1.3	1.2	1.6	1.0	0.9	1.1	0.7
C.V. (%)	18.2	17.8	13.7	17.0	8.7	8.7	10.3	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 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHWEST REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CA3	NM1	MEAN
ESCALADE	6.7	6.4	6.6
TURBO	6.6	6.2	6.4
FIRECRACKER LS (MVS-MST)	6.7	6.1	6.4
RK 6	6.7	6.0	6.3
PST-5HP	6.4	6.2	6.3
K06-WA	6.8	5.8	6.3
FAT CAT (IS-TF-161)	6.8	5.9	6.3
JT-41	6.6	5.9	6.3
06-DUST	6.6	5.9	6.3
BGR-TF1	6.7	5.8	6.3
PSG-85QR	6.8	5.7	6.3
MONET (LTP-610 CL)	6.8	5.7	6.2
MUSTANG 4 (M4)	6.7	5.8	6.2
IS-TF-135	6.7	5.8	6.2
DKS	6.8	5.6	6.2
J-130	6.8	5.6	6.2
LS-11	6.8	5.6	6.2
IS-TF-152	6.5	5.8	6.2
RAPTOR II (MVS-TF-158)	6.6	5.8	6.2
SH 3	6.9	5.5	6.2
CEZANNE RZ (LTP-CRL)	6.6	5.7	6.2
RKCL	6.7	5.6	6.2
KZ-1	6.7	5.6	6.2
BULLSEYE	6.7	5.6	6.2
JT-36	6.7	5.6	6.1
COL-M	6.6	5.7	6.1
WOLFPACK (PST-5WMB)	6.8	5.4	6.1
JT-42	6.7	5.5	6.1
AST-1	6.6	5.6	6.1
ATF-1199	6.6	5.6	6.1
HEMI	6.5	5.7	6.1
SKYLINE	6.5	5.7	6.1
AST 7003	6.9	5.3	6.1
J-140	6.8	5.4	6.1
JT-33	6.7	5.5	6.1
STR-8BB5	6.7	5.5	6.1
FIRENZA	6.9	5.3	6.1
RAD-TF17	6.9	5.3	6.1
COL-1	6.7	5.4	6.1
JAMBOREE (IS-TF-128)	6.7	5.4	6.0
JUSTICE	6.8	5.3	6.0
LS-06	6.5	5.5	6.0
VAN GOGH (LTP-RK2)	6.5	5.5	6.0
AST 7001	6.6	5.5	6.0
REBEL IV	6.8	5.2	6.0
LINDBERGH	6.7	5.3	6.0
AGGRESSOR (IS-TF-153)	6.6	5.4	6.0
BGR-TF2	6.7	5.3	6.0
GWTF	6.6	5.4	6.0
RK 4	6.9	5.1	6.0
NA-SS	6.6	5.4	6.0
ATM	6.8	5.2	6.0
06-WALK	6.4	5.5	5.9
AST-3	6.6	5.3	5.9
RHAMBLER SRP (RHAMBLER)	6.6	5.2	5.9
FALCON IV	6.6	5.2	5.9
AST 7002	6.7	5.2	5.9
ESSENTIAL (IS-TF-154)	6.7	5.2	5.9
TAHOE II	6.4	5.5	5.9
PSG-TTST	6.2	5.6	5.9
CE 1	6.9	4.9	5.9
SPYDER LS (Z-2000)	6.6	5.2	5.9
AST-4	6.6	5.2	5.9
DARLINGTON (CS-TF1)	6.3	5.5	5.9
TURBO RZ (BURL-TF8)	6.5	5.2	5.9
DP 50-9411	6.6	5.2	5.9
PSG-TTRH	6.6	5.1	5.9
IS-TF-159	6.5	5.2	5.9
REMBRANDT	6.9	4.9	5.9
TALLADEGA (RP 3)	6.7	5.0	5.8
NA-BT-1	6.8	4.9	5.8
KZ-2	6.5	5.2	5.8
RK 5	6.8	4.8	5.8
MAGELLAN	6.7	4.9	5.8
TOCCOA (IS-TF-151)	6.4	5.3	5.8
PLATO	6.9	4.8	5.8
AST-2	6.7	4.9	5.8
TITANIUM LS (MVS-BB-1)	6.5	5.1	5.8
MVS-1107	6.6	5.0	5.8
IS-TF-138	6.3	5.3	5.8
TRAVERSE SRP (RK-1)	6.7	4.9	5.8
ATF 1247	6.4	5.2	5.8
LS-03	6.5	5.0	5.8
3RD MILLENNIUM SRP	6.9	4.6	5.8
GO-1BFD	6.6	4.9	5.8
RP 2	6.6	4.9	5.8
BAR FA 6363	6.3	5.2	5.7
MVS-341	6.5	4.9	5.7
STR-8GRQR	6.8	4.7	5.7

TABLE 8. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS GROWN AT TWO LOCATIONS 1/ IN THE SOUTHWEST REGION 2007 DATA

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

NAME	CA3	NM1	MEAN
PSG-82BR	6.5	4.9	5.7
SC-1	6.6	4.7	5.7
SR 8650 (STR-8LMM)	6.5	4.9	5.7
ROCKET (IS-TF-147)	6.7	4.7	5.7
GE-1	6.9	4.4	5.6
BAR FA 6253	6.3	4.9	5.6
BILTMORE	6.6	4.5	5.6
RNP	6.7	4.5	5.6
ARISTOTLE	6.3	4.8	5.6
PADRE	6.6	4.4	5.5
SPEEDWAY (STR-8BPDX)	6.8	4.3	5.5
ATF 1328	6.3	4.7	5.5
DP 50-9407	6.6	4.4	5.5
PSG-RNDR	6.3	4.7	5.5
EINSTEIN	6.5	4.4	5.5
TG 50-9460	6.8	4.1	5.4
TULSA TIME (TULSA III)	6.4	4.4	5.4
0312	6.4	4.4	5.4
SILVERADO	6.1	4.6	5.4
DP 50-9440	6.6	4.1	5.3
JT-45	6.8	3.8	5.3
COL-J	6.1	4.5	5.3
HUNTER	6.5	3.7	5.1
KY-31	4.5	2.7	3.6
LSD VALUE	0.4	1.5	0.8
C.V. (%)	3.7	17.7	11.4

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT PUYALLUP, WA (PACIFIC REGION) 1/
2007 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
K06-WA	5.7	5.3	4.7	6.3	6.7	5.0	4.7	6.0	5.3	5.0	5.7	5.0	5.4
MONET (LTP-610 CL)	5.0	5.0	5.7	6.0	6.3	5.7	5.3	5.7	4.3	4.8	5.2	4.2	5.2
RK 4	5.0	5.0	5.7	4.7	6.0	5.0	5.3	6.3	5.7	5.0	5.2	4.5	5.2
RP 2	5.0	5.0	5.7	5.7	6.3	5.7	4.7	5.3	4.3	4.8	4.8	4.5	5.2
WOLFPACK (PST-5WMB)	5.7	5.0	5.0	5.7	5.7	4.7	4.3	5.0	5.3	4.7	5.3	4.8	5.2
FIRENZA	4.7	5.0	5.0	5.7	6.3	5.7	4.3	5.3	5.0	4.8	5.2	4.7	5.1
SPYDER LS (Z-2000)	4.7	4.7	5.3	5.7	6.3	6.3	5.7	5.3	5.0	4.5	5.0	4.2	5.1
RKCL	5.0	4.7	4.3	5.3	6.3	4.7	4.7	5.3	5.3	4.5	5.3	4.3	5.0
SC-1	5.0	4.3	4.7	5.0	5.3	5.0	4.7	6.7	4.7	4.7	5.3	4.5	5.0
SH 3	4.3	5.0	4.7	5.3	5.7	6.0	5.0	6.0	4.3	4.8	5.0	4.3	5.0
JT-45	5.3	4.0	4.0	5.0	4.7	4.7	5.0	4.7	4.0	4.3	5.3	4.3	5.0
NA-BT-1	4.7	5.0	5.0	5.7	6.0	5.7	6.0	5.7	5.3	4.7	4.7	4.3	4.9
JT-36	5.3	4.0	4.0	5.3	6.3	5.0	5.0	5.0	4.0	4.3	4.7	4.5	4.9
EINSTEIN	5.7	4.7	4.7	5.0	5.3	5.7	5.7	6.3	5.0	4.2	4.2	4.5	4.9
3RD MILLENNIUM SRP	4.3	4.0	5.3	5.3	7.0	5.0	5.0	6.3	5.0	4.2	5.3	4.2	4.9
ESSENTIAL (IS-TF-154)	4.3	4.7	5.0	5.3	5.3	4.0	4.3	6.3	5.0	4.3	5.0	4.5	4.8
RK 6	4.7	4.3	4.7	5.3	5.7	5.0	4.7	6.3	5.0	4.3	5.0	4.3	4.8
TITANIUM LS (MVS-BB-1)	5.0	5.0	5.0	5.7	6.3	5.3	4.7	5.7	4.0	4.5	4.5	4.2	4.8
CEZANNE RZ (LTP-CRL)	5.0	5.3	4.3	4.3	6.0	5.3	5.0	5.3	4.3	4.2	4.2	4.5	4.8
ATM	4.7	4.7	4.0	4.7	5.0	4.0	4.3	4.7	5.0	4.5	5.0	4.5	4.8
TURBO	5.0	5.0	4.3	4.7	6.0	4.3	3.7	4.3	4.7	4.2	4.7	4.7	4.8
TURBO RZ (BURL-TF8)	5.3	4.3	4.3	5.3	4.7	3.3	4.0	5.0	3.7	4.2	4.7	4.7	4.8
ROCKET (IS-TF-147)	4.7	5.0	4.3	4.7	5.3	4.3	4.3	4.7	4.7	4.7	4.7	4.5	4.7
JT-42	5.0	4.0	5.7	5.0	5.7	5.0	5.0	5.0	5.0	4.2	4.3	4.0	4.7
ESCALADE	5.0	4.7	5.0	5.0	5.7	4.3	4.0	5.3	4.0	3.8	4.8	4.3	4.7
GO-1BFD	4.3	4.7	5.3	5.3	5.0	5.3	5.0	5.7	5.0	4.5	4.7	4.0	4.7
TRAVERSE SRP (RK-1)	4.3	4.0	5.0	5.0	5.3	5.0	4.7	6.0	5.0	4.3	4.8	4.3	4.7
REMBRANDT	4.3	4.7	4.3	5.0	5.7	5.3	5.0	5.0	4.7	4.2	4.2	4.3	4.7
BULLSEYE	4.7	4.7	4.7	4.7	5.7	4.3	4.3	5.3	5.7	4.3	4.8	4.5	4.6
FAT CAT (IS-TF-161)	5.3	4.7	4.0	4.3	5.3	4.7	4.3	4.0	4.0	3.8	4.7	4.3	4.6
SR 8650 (STR-8LMM)	5.0	4.3	4.3	5.0	5.7	5.3	5.0	5.3	4.7	4.2	4.7	3.8	4.6
J-140	4.3	4.3	4.3	5.0	5.0	4.7	4.3	5.7	4.7	4.2	4.8	4.2	4.6
PADRE	5.0	4.7	5.0	6.0	5.3	4.3	4.0	6.0	5.3	3.7	4.3	3.8	4.6
STR-8BB5	5.0	4.7	4.0	4.3	4.3	4.7	5.0	5.7	4.3	4.7	4.5	4.0	4.6
PSG-82BR	4.7	4.3	5.0	5.0	6.0	4.3	5.0	5.3	4.7	3.8	4.7	4.2	4.6
RK 5	5.0	4.3	4.3	4.7	5.7	4.0	4.3	6.0	4.3	4.0	4.5	4.5	4.6
AST-1	4.3	4.7	4.0	3.7	4.7	3.7	4.0	4.0	4.7	3.5	4.8	4.5	4.6
06-DUST	4.7	5.0	4.7	5.3	4.7	3.3	3.7	4.7	3.7	4.0	5.0	3.8	4.6
VAN GOGH (LTP-RK2)	5.0	4.3	4.7	4.7	4.7	4.3	4.3	5.3	4.7	4.3	4.7	4.0	4.5
IS-TF-138	5.3	4.7	3.3	4.0	5.3	4.3	4.0	5.3	4.0	3.8	4.7	4.2	4.5
SPEEDWAY (STR-8BPDX)	4.0	4.0	4.5	5.0	5.0	4.5	4.5	5.0	4.5	4.0	5.0	4.2	4.5
06-WALK	3.7	5.0	4.3	4.0	4.7	4.0	4.7	4.3	4.0	3.7	4.8	4.2	4.5
CE 1	5.3	4.3	4.7	4.7	5.0	4.3	5.0	6.0	3.7	4.0	4.5	4.0	4.5
MVS-1107	4.7	4.3	4.3	5.0	5.0	4.0	4.3	5.0	4.3	4.3	4.2	4.5	4.5

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT PUYALLUP, WA (PACIFIC REGION) 1/
2007 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TULSA TIME (TULSA III)	4.7	4.7	3.3	4.0	5.7	4.0	3.7	4.0	3.7	4.0	4.5	4.5	4.5
AGGRESSOR (IS-TF-153)	5.3	4.3	3.3	4.7	5.0	5.0	4.3	5.3	4.0	4.3	4.5	4.2	4.5
RHAMBLER SRP (RHAMBLER)	4.3	4.3	4.0	4.7	5.0	4.7	4.7	5.0	5.3	4.3	4.8	4.0	4.5
JUSTICE	4.7	4.3	4.7	5.3	5.0	4.7	4.3	4.7	5.0	4.2	4.3	4.2	4.5
MVS-341	5.0	4.3	4.7	4.7	4.3	4.3	3.7	5.3	4.3	4.2	4.5	4.0	4.5
SKYLINE	4.7	4.7	4.3	4.7	4.7	3.7	4.3	4.3	3.3	4.0	4.3	4.3	4.5
PSG-TTRH	4.0	4.7	4.3	4.7	4.3	4.0	4.3	4.7	4.3	4.0	4.2	4.0	4.4
BILTMORE	5.0	5.0	4.0	4.3	5.3	4.0	3.7	4.0	3.0	4.5	4.0	4.0	4.4
JT-41	4.0	4.0	4.0	5.0	5.0	4.3	4.7	5.0	4.3	4.2	4.2	4.2	4.4
LS-06	5.0	3.7	3.7	4.7	5.0	4.3	4.0	4.0	4.0	4.0	4.5	3.8	4.4
PST-5HP	4.3	4.3	3.7	4.7	4.7	4.3	4.3	5.3	4.3	4.0	4.7	3.8	4.4
AST 7003	4.7	4.0	4.0	4.0	4.0	3.3	3.7	4.0	3.7	4.0	4.7	4.0	4.4
COL-M	4.7	4.7	4.0	4.3	5.0	4.0	3.7	4.0	3.7	3.7	4.7	4.0	4.4
DP 50-9440	4.3	3.7	3.7	3.7	4.0	4.7	4.3	4.7	3.7	4.0	4.3	4.2	4.4
TAHOE II	4.7	4.3	4.0	4.0	5.0	3.0	3.7	4.7	3.3	4.0	4.5	4.5	4.4
LS-11	4.3	4.0	4.0	5.3	5.3	4.0	4.0	4.7	4.0	3.3	4.7	3.8	4.4
MUSTANG 4 (M4)	4.0	4.0	4.7	4.7	4.3	5.3	5.0	5.0	5.0	4.5	4.2	4.0	4.4
BGR-TF1	3.7	4.0	3.7	4.7	4.3	4.3	4.3	5.0	3.3	4.0	4.5	4.0	4.4
BAR FA 6253	4.7	4.0	5.0	5.0	5.0	4.7	4.7	5.0	4.3	4.0	4.3	4.0	4.4
AST-3	4.0	4.0	3.3	4.0	4.7	3.3	4.0	4.3	3.7	3.8	4.5	4.7	4.3
HEMI	4.7	4.7	3.7	4.3	4.0	3.7	3.7	4.7	4.0	4.0	5.0	4.3	4.3
PSG-TTST	3.7	4.0	4.7	5.0	4.3	4.7	4.7	5.0	4.0	4.3	4.2	3.5	4.3
DARLINGTON (CS-TF1)	4.3	4.7	3.7	4.3	4.3	4.3	4.0	5.0	3.7	4.2	4.0	3.8	4.3
KZ-2	4.0	4.3	3.7	4.0	4.3	4.3	3.7	4.7	4.0	3.8	4.3	4.0	4.3
REBEL IV	4.3	4.3	5.3	5.0	4.3	4.3	4.3	5.0	4.0	3.8	4.3	3.8	4.3
TG 50-9460	3.7	4.0	3.3	4.7	4.7	4.7	3.7	5.0	4.0	4.3	4.5	4.3	4.3
ARISTOTLE	4.3	4.3	4.3	4.0	3.7	3.7	4.3	4.0	3.0	3.8	4.0	4.2	4.3
ATF 1247	4.7	4.0	3.7	4.0	4.7	3.7	3.3	3.7	3.7	4.3	3.8	4.0	4.3
IS-TF-159	4.3	4.3	3.3	4.0	3.3	4.0	4.3	5.0	4.3	4.2	4.8	3.8	4.3
TALLADEGA (RP 3)	4.3	4.3	4.0	4.0	5.0	4.7	4.3	5.0	4.7	3.8	4.3	4.0	4.3
PLATO	4.3	4.7	4.7	5.0	5.0	3.3	4.3	4.3	3.3	4.0	3.8	3.8	4.3
DP 50-9407	5.3	4.7	4.3	4.3	3.7	3.7	3.7	4.3	3.7	4.2	4.2	4.0	4.3
AST-4	4.0	3.7	4.0	4.3	4.7	3.3	4.0	4.0	3.7	3.8	4.5	3.8	4.3
AST 7002	4.7	4.0	3.7	4.3	5.0	4.0	4.0	4.3	3.0	3.8	4.3	3.8	4.3
J-130	4.3	4.3	3.7	4.0	5.0	5.3	4.7	4.7	3.7	3.8	4.0	3.8	4.3
LS-03	4.7	3.3	4.0	4.3	4.3	2.7	3.3	3.7	3.7	3.5	4.8	4.2	4.3
COL-1	4.0	4.0	3.7	4.3	4.7	4.3	4.3	4.7	4.0	4.3	4.2	3.7	4.2
NA-SS	4.0	4.0	4.7	4.3	4.0	4.0	3.7	4.7	4.0	4.0	4.2	3.8	4.2
RNP	4.3	4.3	4.0	4.3	3.7	3.3	3.3	4.0	4.0	3.8	4.2	4.3	4.2
AST-2	4.0	4.0	3.7	4.7	4.7	3.7	4.3	4.3	3.7	3.7	4.2	4.2	4.2
FIRECRACKER LS (MVS-MST)	4.7	4.3	3.3	3.7	4.3	4.0	4.3	5.3	4.3	4.2	4.5	4.2	4.2
JT-33	4.3	3.7	4.3	5.0	3.7	5.0	4.7	5.0	4.7	3.5	4.5	3.3	4.2
BAR FA 6363	3.3	3.7	3.7	4.0	4.0	4.3	4.0	3.7	4.0	4.0	4.5	4.0	4.2
GE-1	4.7	4.3	3.7	4.0	5.0	4.0	4.3	5.0	4.3	3.7	4.3	4.0	4.2
RAD-TF17	4.0	4.0	3.3	4.7	4.7	2.7	3.3	4.7	3.3	3.7	4.0	4.2	4.2

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT PUYALLUP, WA (PACIFIC REGION) 1/
2007 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
FALCON IV	4.7	3.7	3.7	4.7	4.7	3.7	4.0	5.0	4.3	4.0	4.5	3.8	4.2
BGR-TF2	4.3	4.3	3.3	4.3	4.3	3.7	3.7	4.0	4.3	3.8	4.2	3.7	4.2
IS-TF-135	4.0	4.0	3.0	4.7	4.3	4.0	4.0	4.7	4.3	4.2	4.0	3.5	4.1
MAGELLAN	4.3	4.0	4.3	4.3	4.0	3.7	4.0	4.3	4.0	4.0	3.7	4.0	4.1
PSG-85QR	4.3	3.7	4.7	4.3	4.7	3.3	4.0	4.7	4.0	4.0	4.3	3.8	4.1
0312	4.3	4.7	3.3	3.7	3.7	4.3	3.7	3.7	3.0	3.5	3.8	4.0	4.1
RAPTOR II (MVS-TF-158)	4.0	4.3	4.0	3.7	4.7	4.7	4.7	4.0	4.0	3.8	3.5	4.2	4.1
TOCCOA (IS-TF-151)	4.3	4.3	3.7	3.7	3.7	3.3	3.3	4.3	3.7	3.8	4.2	3.7	4.1
LINDBERGH	4.3	4.0	4.0	4.3	4.7	3.3	4.0	5.0	3.0	4.0	3.7	3.7	4.0
STR-8GRQR	4.0	3.7	4.0	4.7	5.0	3.7	3.7	4.7	4.3	3.8	3.8	3.5	4.0
AST 7001	5.0	3.7	3.0	3.7	4.0	3.3	3.7	3.7	3.3	3.8	4.0	3.5	4.0
SILVERADO	3.0	4.3	4.7	3.7	3.7	3.0	3.3	4.7	4.3	4.0	3.8	3.3	4.0
ATF 1328	4.3	4.0	4.3	3.7	4.0	4.7	3.7	4.7	3.7	3.7	4.2	3.2	4.0
DKS	4.3	4.7	3.7	3.7	4.3	3.7	3.7	3.7	4.0	3.8	3.7	3.7	4.0
JAMBOREE (IS-TF-128)	4.0	4.0	3.7	4.3	4.0	4.3	4.7	4.3	4.0	4.3	3.8	3.5	3.9
HUNTER	3.7	4.7	3.0	4.0	4.0	3.0	3.7	3.7	3.3	3.7	3.7	3.5	3.9
KZ-1	4.0	4.3	3.7	4.0	4.3	3.3	3.7	3.3	4.0	3.8	4.0	3.7	3.9
DP 50-9411	3.7	4.3	4.0	3.7	3.3	3.7	3.7	4.0	3.3	3.8	3.8	3.7	3.8
ATF-1199	3.7	3.3	3.3	4.3	4.0	3.7	3.7	4.0	3.0	3.7	3.7	3.7	3.8
PSG-RNDR	4.0	4.3	3.3	3.3	5.3	3.7	4.0	4.0	3.7	3.5	3.5	3.3	3.7
GWTF	4.0	3.7	3.7	4.7	4.7	3.7	3.3	3.3	3.3	3.7	3.5	3.5	3.7
COL-J	3.7	3.3	3.3	3.3	3.7	3.7	3.7	3.7	3.3	3.5	3.5	3.7	3.7
IS-TF-152	3.7	3.7	3.3	3.3	3.7	3.7	3.0	3.3	3.3	3.5	3.7	3.7	3.7
KY-31	3.0	3.7	4.3	5.0	4.0	3.3	4.0	3.3	3.3	4.0	2.7	2.5	3.4
LSD VALUE	1.2	1.0	1.4	1.4	1.6	1.5	1.2	1.7	1.3	0.8	1.1	1.0	0.6
C.V. (%)	17.2	14.9	20.2	18.6	20.4	21.4	17.1	21.7	19.0	16.2	21.1	22.5	11.9

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

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

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS GROWN UNDER SHADE AT CARBONDALE, IL 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT ESTABLISH-MENT	QUALITY RATINGS MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JAMBOREE (IS-TF-128)	80.3	89.0	83.3	88.7	4.7	5.0	7.3	7.0	3.7	6.7	8.3	8.3	9.0	6.7
ESSENTIAL (IS-TF-154)	77.7	83.3	74.7	88.7	3.7	4.7	7.3	6.0	4.7	8.0	8.3	8.3	8.3	6.6
3RD MILLENNIUM SRP	74.0	84.0	78.0	91.7	3.0	4.0	6.7	6.7	4.7	7.0	8.7	8.7	8.0	6.4
ATM	71.3	80.7	82.7	82.3	3.7	4.3	5.7	6.3	4.7	8.0	8.0	8.3	8.7	6.4
TITANIUM LS (MVS-BB-1)	78.3	80.7	72.3	86.7	3.7	5.0	7.0	6.0	4.0	7.0	8.0	8.3	8.7	6.4
AGGRESSOR (IS-TF-153)	69.7	78.7	75.3	83.3	3.7	3.3	6.0	5.3	4.3	7.3	8.3	9.0	9.0	6.3
PSG-85QR	77.0	80.0	75.7	85.3	4.7	4.7	7.0	6.3	3.7	6.0	8.0	7.0	7.3	6.1
SPEEDWAY (STR-8BPDX)	79.0	84.3	61.7	90.7	4.0	5.0	7.7	6.7	3.3	5.3	7.3	7.7	7.7	6.1
ATF-1199	70.3	83.7	81.0	84.3	3.3	4.0	5.7	5.7	4.0	6.3	8.0	8.7	8.0	6.0
DP 50-9440	73.3	80.3	70.3	85.3	4.0	4.0	6.0	6.0	3.7	6.7	8.0	8.0	8.0	6.0
JUSTICE	81.0	83.3	74.3	87.3	5.0	5.3	7.3	6.0	3.3	6.0	7.0	7.0	7.0	6.0
NA-BT-1	76.7	84.3	76.0	86.3	4.3	5.3	7.0	6.0	3.3	6.0	7.0	7.7	7.7	6.0
NA-SS	76.7	85.7	65.0	85.7	3.7	4.0	7.0	5.7	4.0	6.7	7.7	7.3	7.7	6.0
WOLFPACK (PST-5WMB)	72.0	81.3	69.0	88.0	4.7	4.7	6.7	6.7	3.7	6.0	7.0	7.3	7.3	6.0
RAPTOR II (MVS-TF-158)	65.3	82.0	72.7	83.0	3.0	3.0	5.7	6.0	4.7	6.7	8.0	8.7	8.0	6.0
BULLSEYE	73.7	78.3	65.3	87.3	4.0	5.3	7.0	6.3	3.3	6.0	7.3	7.0	7.0	5.9
FAT CAT (IS-TF-161)	73.7	84.0	55.7	89.0	3.3	4.0	7.0	6.0	4.0	7.0	7.7	7.3	7.0	5.9
J-140	83.0	87.3	67.0	88.7	4.7	5.7	8.0	6.7	2.7	5.0	6.3	6.7	7.0	5.9
PLATO	84.7	90.0	53.0	93.3	5.0	5.3	7.7	6.7	3.7	5.7	6.0	6.0	6.7	5.9
PSG-82BR	77.0	84.7	70.0	86.3	4.0	4.3	7.3	6.3	3.3	6.7	6.3	7.3	7.0	5.9
PSG-TTST	85.0	85.7	68.7	89.7	5.0	5.0	7.0	5.7	3.3	6.0	7.0	6.7	7.7	5.9
REBEL IV	74.7	80.7	72.7	90.0	4.0	4.3	7.3	6.7	3.7	5.7	7.0	6.7	7.3	5.9
RK 4	78.0	83.0	67.0	87.7	4.0	4.7	7.0	6.7	3.0	6.0	6.7	7.3	7.7	5.9
SPYDER LS (Z-2000)	70.3	81.3	61.7	89.7	3.7	5.0	7.0	6.0	4.0	6.3	7.0	7.0	7.0	5.9
06-DUST	74.7	80.3	69.7	80.3	3.3	4.3	7.0	5.3	3.3	5.7	7.7	7.3	8.0	5.8
MONET (LTP-610 CL)	82.7	85.0	67.0	92.3	4.7	5.3	8.0	5.7	3.0	5.0	6.3	7.0	7.0	5.8
MVS-341	73.7	87.3	67.0	86.7	3.7	4.3	7.0	6.3	4.0	6.3	6.7	7.0	7.0	5.8
RKCL	67.0	76.7	65.7	82.7	2.7	3.0	4.7	6.0	3.7	7.7	7.7	8.3	8.3	5.8
BGR-TF2	74.3	87.0	69.0	87.3	3.7	5.0	7.0	6.0	3.3	5.3	7.0	7.0	7.0	5.7
IS-TF-152	81.0	81.3	71.7	85.7	4.0	4.3	6.3	6.0	3.7	5.3	7.0	7.3	7.0	5.7
K06-WA	80.0	76.3	56.7	92.3	3.3	4.3	6.0	6.0	3.7	6.3	6.7	8.0	7.3	5.7
TRAVERSE SRP (RK-1)	71.0	76.3	68.3	84.0	3.0	4.0	6.0	5.0	3.3	7.0	7.3	8.0	7.3	5.7
0312	80.0	83.7	62.3	84.7	4.3	5.0	6.7	6.3	3.0	6.0	6.3	6.3	6.7	5.6
AST-3	75.0	78.7	62.0	85.7	4.0	4.3	6.0	6.0	3.7	5.7	6.7	7.0	7.0	5.6
ATF 1247	76.3	79.3	46.3	88.7	4.3	4.0	6.0	6.7	3.3	6.0	7.0	6.3	6.7	5.6
COL-1	73.0	85.3	76.0	84.0	4.0	4.3	6.3	6.3	3.3	5.0	6.7	7.0	7.3	5.6
FIRECRACKER LS (MVS-MST)	90.7	87.0	51.3	93.0	5.7	5.7	8.3	6.7	3.3	5.7	4.0	6.0	5.3	5.6
MUSTANG 4 (M4)	71.3	77.0	71.0	85.0	3.7	4.0	6.3	5.7	2.7	6.0	7.0	7.3	8.0	5.6
PST-5HP	79.0	81.7	68.7	78.0	4.7	4.7	6.0	5.7	3.7	5.3	6.0	6.7	7.7	5.6
RAD-TF17	68.0	79.3	65.0	85.0	4.0	4.0	6.3	5.0	3.3	6.3	7.0	7.0	7.0	5.6
STR-8GRQR	85.0	86.7	67.3	90.0	4.3	5.0	6.3	6.0	3.0	5.0	6.3	7.0	7.3	5.6
ATF 1328	83.7	84.7	38.3	86.7	5.7	6.3	8.0	6.7	3.0	4.0	4.7	5.7	5.7	5.5
FIRENZA	72.3	77.3	49.7	88.3	3.3	3.3	6.0	5.7	4.0	6.7	7.0	7.0	6.7	5.5
J-130	73.7	79.0	60.3	83.3	3.0	4.0	5.7	6.0	4.0	5.3	6.7	8.0	7.0	5.5
SH 3	76.7	87.3	53.3	88.0	4.3	4.7	6.0	5.3	3.7	5.0	6.0	7.3	7.0	5.5

TABLE 10. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT ESTABLISH-MENT	QUALITY RATINGS MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TG 50-9460	73.3	79.0	57.3	84.0	3.7	4.0	6.0	5.3	3.0	6.3	7.0	7.0	7.3	5.5
CE 1	76.0	80.7	57.7	87.7	3.3	4.7	6.0	6.0	3.3	5.3	6.0	7.0	7.0	5.4
DARLINGTON (CS-TF1)	70.3	83.7	68.7	81.0	3.3	4.3	5.7	6.3	3.7	4.3	6.7	7.3	7.0	5.4
FALCON IV	72.0	73.7	55.3	87.3	3.3	4.0	6.3	5.0	3.0	6.0	7.3	7.0	6.7	5.4
GO-1BFD	85.3	86.7	48.3	93.3	4.3	5.7	7.0	6.0	3.0	6.0	5.0	6.0	5.7	5.4
HEMI	78.3	85.7	50.0	81.3	3.7	5.0	6.3	6.0	3.3	5.0	6.0	7.0	6.7	5.4
IS-TF-135	71.7	79.0	66.7	81.7	3.3	3.0	6.0	5.7	3.3	5.3	6.3	7.7	7.7	5.4
JT-42	83.3	91.3	54.3	90.0	4.3	5.0	8.0	5.3	3.0	4.7	6.0	6.0	6.0	5.4
LINDBERGH	82.0	83.3	48.0	90.3	4.3	4.3	8.0	5.3	3.0	5.3	6.3	6.0	6.0	5.4
MAGELLAN	73.3	81.7	47.0	85.7	4.0	4.3	6.0	6.0	3.0	6.7	5.7	6.7	6.0	5.4
PSG-TTRH	81.7	82.0	45.0	89.0	4.0	4.7	7.0	5.3	3.3	6.0	6.0	6.3	6.3	5.4
TURBO	79.3	83.7	60.0	87.3	4.0	4.7	6.0	6.0	3.0	5.0	6.0	7.0	7.0	5.4
06-WALK	79.3	81.0	63.3	84.7	4.7	4.7	7.0	5.0	3.0	5.0	5.7	6.0	7.0	5.3
AST-2	73.3	81.0	54.7	88.3	4.7	4.7	6.3	6.0	3.7	4.3	5.7	6.0	6.0	5.3
BILTMORE	81.7	85.7	49.0	90.0	5.3	5.7	7.0	5.3	3.0	4.3	5.7	5.7	5.7	5.3
CEZANNE RZ (LTP-CRL)	72.3	79.7	53.7	77.7	4.0	4.7	6.3	5.7	3.0	5.0	6.0	6.7	6.3	5.3
COL-J	80.0	83.0	50.0	82.3	4.7	5.0	7.0	6.0	3.0	5.0	5.3	6.0	6.0	5.3
COL-M	72.7	79.7	47.7	85.3	4.0	5.7	6.3	5.7	2.7	5.0	4.3	7.0	6.7	5.3
DKS	74.0	82.7	67.0	89.3	4.0	4.3	6.0	6.0	3.7	5.0	5.0	6.7	6.7	5.3
KY-31	87.7	86.7	33.7	92.3	4.7	6.7	6.0	6.7	3.7	6.0	4.7	4.7	5.0	5.3
KZ-1	81.0	80.7	51.0	87.3	4.0	5.0	7.0	6.0	2.3	5.0	6.0	6.0	6.0	5.3
LS-06	65.0	74.3	55.3	83.0	3.3	3.3	6.0	6.0	3.3	6.0	5.7	6.7	7.0	5.3
PADRE	81.7	81.7	52.3	90.3	4.7	5.0	7.0	6.3	3.0	5.0	5.3	5.7	6.0	5.3
PSG-RNDR	69.7	78.7	38.7	80.7	3.3	4.0	6.0	5.7	3.3	6.0	6.0	6.3	6.7	5.3
RK 5	83.3	79.3	58.0	90.7	4.3	5.7	6.3	5.7	3.0	5.3	5.0	6.0	6.0	5.3
RNP	71.7	84.3	58.0	81.0	4.0	4.0	6.3	6.0	3.3	5.3	6.3	6.3	6.0	5.3
SC-1	86.3	79.3	48.3	91.0	4.3	6.3	7.3	6.7	3.0	4.0	4.3	5.7	6.0	5.3
SKYLINE	80.7	78.3	53.3	85.3	3.7	5.3	6.3	6.0	3.7	5.0	5.3	6.0	6.0	5.3
SR 8650 (STR-8LMM)	73.7	77.7	44.0	86.7	4.7	3.0	7.0	5.7	3.3	5.7	6.7	6.0	6.0	5.3
TURBO RZ (BURL-TF8)	72.3	78.0	65.7	85.0	3.7	5.0	6.0	5.3	3.0	5.3	6.0	6.7	6.7	5.3
AST 7002	80.7	85.0	46.7	81.7	4.3	4.3	7.0	6.3	3.3	4.7	4.7	6.3	5.7	5.2
AST-1	71.3	81.7	62.7	79.7	4.0	4.7	6.0	5.3	3.0	4.3	6.3	6.7	6.7	5.2
AST-4	81.3	83.7	55.3	88.0	4.7	4.3	7.0	6.0	3.0	5.0	5.0	5.3	6.7	5.2
BGR-TF1	77.0	78.0	35.3	92.0	3.3	4.0	7.0	6.3	3.0	5.3	5.7	6.3	6.0	5.2
DP 50-9407	79.3	82.3	56.7	88.3	4.0	4.7	6.0	5.7	3.0	5.7	5.3	6.7	6.0	5.2
JT-36	78.3	83.7	65.3	90.0	4.7	4.7	6.3	6.0	3.0	5.0	5.0	6.0	6.0	5.2
JT-45	78.0	78.7	47.0	87.7	4.0	4.0	6.0	6.0	3.0	6.3	5.3	6.0	6.3	5.2
RHAMBLER SRP (RHAMBLER)	68.7	77.7	42.7	85.3	3.0	4.0	5.3	5.3	3.7	6.3	6.3	6.0	7.0	5.2
RK 6	75.3	78.0	56.7	92.3	4.0	4.0	5.7	6.3	3.7	5.0	5.3	6.7	6.0	5.2
ROCKET (IS-TF-147)	76.3	79.7	50.3	86.0	4.0	5.0	6.3	6.0	3.0	5.0	5.7	5.7	6.3	5.2
TULSA TIME (TULSA III)	71.3	76.7	48.3	86.7	3.3	4.3	5.3	5.7	3.3	6.7	6.3	5.7	6.3	5.2
DP 50-9411	71.7	79.7	63.0	89.0	3.3	4.0	5.3	5.3	2.7	6.0	6.0	6.7	7.0	5.1
EINSTEIN	83.0	87.7	26.7	85.3	4.3	5.0	7.3	6.0	3.0	5.0	5.7	5.0	5.0	5.1
JT-33	75.3	88.3	49.0	84.3	4.3	4.7	7.0	6.0	3.0	4.3	5.3	5.7	6.0	5.1
JT-41	77.7	78.7	39.0	88.3	4.7	5.0	7.0	5.0	2.7	5.3	5.3	5.7	5.3	5.1

TABLE 10. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2007 DATA

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT ESTABLISH-MENT	QUALITY RATINGS MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
KZ-2	69.7	82.3	43.0	74.0	3.3	4.0	5.3	5.7	3.3	6.3	5.7	6.0	6.0	5.1
TALLADEGA (RP 3)	74.0	83.3	52.3	83.3	3.7	4.7	6.0	6.7	3.7	5.0	5.0	5.7	6.0	5.1
BAR FA 6253	82.3	85.3	38.0	89.7	4.7	5.0	7.0	6.3	3.0	4.0	5.0	5.7	4.7	5.0
BAR FA 6363	80.7	81.7	59.0	88.7	4.3	4.7	6.0	5.7	2.3	4.7	5.0	6.3	6.3	5.0
ESCALADE	85.7	87.3	38.7	93.3	5.3	5.3	7.7	5.7	2.7	3.7	3.3	5.3	6.0	5.0
GE-1	81.3	72.3	48.0	80.7	5.0	4.3	6.3	5.0	3.0	5.3	5.0	5.3	6.0	5.0
STR-8BB5	66.3	76.7	49.0	87.0	3.0	3.7	6.0	5.3	3.0	5.3	5.3	7.0	6.3	5.0
AST 7003	69.7	77.0	40.0	80.0	3.3	4.0	6.0	6.3	3.0	5.0	5.7	5.3	5.3	4.9
RP 2	72.3	78.7	45.0	81.7	3.0	4.3	5.3	6.0	2.7	5.0	5.3	6.3	5.7	4.9
TAHOE II	74.3	78.3	31.3	79.7	3.3	4.3	6.3	6.0	3.7	5.0	4.3	5.7	5.0	4.9
TOCCOA (IS-TF-151)	76.3	82.7	37.7	85.3	4.0	4.3	7.7	6.3	2.3	4.3	5.3	4.3	5.3	4.9
SILVERADO	80.7	86.3	32.0	94.7	4.0	4.3	6.3	7.0	3.0	5.0	4.7	4.7	4.3	4.8
ARISTOTLE	82.3	81.0	32.3	86.7	4.0	4.7	6.0	6.7	2.7	4.3	4.0	5.0	5.0	4.7
VAN GOGH (LTP-RK2)	79.3	78.3	28.7	91.7	4.0	5.3	6.7	5.7	2.7	4.3	4.3	4.7	4.3	4.7
GWTF	75.3	80.3	45.3	85.3	4.0	4.7	6.0	5.7	3.0	3.3	4.0	5.7	5.3	4.6
LS-11	74.7	78.0	37.7	83.3	3.7	4.0	7.0	5.7	2.7	4.3	4.0	4.7	5.3	4.6
MVS-1107	79.0	76.3	17.3	92.3	4.3	4.7	6.7	6.0	3.0	5.0	3.7	4.0	4.3	4.6
IS-TF-159	72.0	81.3	39.0	87.0	3.7	4.0	6.0	5.7	3.0	4.3	4.3	5.0	4.7	4.5
LS-03	72.0	81.0	42.0	86.3	3.3	4.3	6.0	6.3	3.3	3.7	4.7	4.3	4.7	4.5
AST 7001	72.7	83.0	36.3	82.0	3.3	3.3	6.3	5.3	3.0	4.0	3.3	5.0	5.0	4.3
HUNTER	69.7	76.0	33.3	83.7	3.3	4.0	5.3	5.3	2.3	4.7	4.0	4.7	5.0	4.3
IS-TF-138	77.0	80.7	29.3	82.7	3.7	4.3	5.7	5.7	2.7	4.0	3.7	4.0	4.7	4.3
REMBRANDT	81.7	71.3	22.3	87.0	4.3	5.3	7.0	4.7	2.3	3.7	3.0	4.0	3.7	4.2
LSD VALUE	12.6	14.6	22.2	20.7	1.3	1.4	1.5	1.5	1.4	1.6	1.7	1.4	1.5	0.8
C.V. (%)	8.2	6.7	24.0	7.0	17.6	16.4	12.4	10.9	19.4	17.1	17.4	13.7	14.2	8.8

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 11. PERCENT TURFGRASS CANOPY FULLNESS RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/
2007 DATA

	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
NAME	OCT 1 0 PASSES	OCT 3 8 PASSES	OCT 4 16 PASSES	OCT 5 24 PASSES	OCT 10 6 DAYS AFTER TRAFFIC	NOV 1 22 DAYS
BULLSEYE	95.7	90.0	83.3	75.0	66.7	45.0
MONET (LTP-610 CL)	94.0	91.7	86.7	73.3	60.0	43.3
ATM	97.3	95.0	86.7	75.0	63.3	41.7
FIRECRACKER LS (MVS-MST)	95.7	91.7	85.0	78.3	68.3	38.3
SC-1	95.7	91.7	86.7	81.7	70.0	43.3
SPYDER LS (Z-2000)	92.3	86.7	83.3	75.0	65.0	50.0
ESSENTIAL (IS-TF-154)	94.0	88.3	85.0	75.0	61.7	41.7
RK 5	94.0	83.3	81.7	70.0	58.3	41.7
RKCL	95.7	88.3	85.0	73.3	58.3	51.7
TG 50-9460	90.7	86.7	80.0	63.3	58.3	51.7
DP 50-9440	94.0	91.7	81.7	70.0	58.3	48.3
NA-BT-1	94.0	90.0	85.0	68.3	61.7	50.0
HEMI	90.7	90.0	81.7	73.3	61.7	45.0
PST-5WMB	92.3	88.3	83.3	70.0	60.0	46.7
TURBO	92.3	90.0	80.0	71.7	60.0	45.0
SPEEDWAY (STR-8BPDX)	89.0	85.0	81.7	68.3	60.0	38.3
RHAMBLER SRP (RHAMBLER)	92.3	86.7	85.0	73.3	61.7	36.7
TALLADEGA (RP 3)	87.3	86.7	85.0	71.7	65.0	43.3
RK 4	90.7	86.7	81.7	73.3	55.0	35.0
RK 6	90.7	90.0	85.0	73.3	55.0	41.7
SH 3	94.0	90.0	85.0	78.3	68.3	43.3
JAMBOREE (IS-TF-128)	85.7	85.0	78.3	71.7	63.3	35.0
MUSTANG 4 (M4)	90.7	83.3	83.3	70.0	60.0	43.3
3RD MILLENNIUM SRP	89.0	86.7	80.0	63.3	46.7	36.7
RAPTOR II (MVS-TF-158)	89.0	86.7	78.3	66.7	56.7	38.3
ESCALADE	89.0	83.3	73.3	58.3	55.0	41.7
FIRENZA	89.0	88.3	85.0	75.0	65.0	46.7
K06-WA	95.7	91.7	81.7	73.3	60.0	40.0
RP 2	92.3	86.7	81.7	71.7	58.3	46.7
DP 50-9407	92.3	86.7	76.7	61.7	55.0	38.3
IS-TF-159	84.0	83.3	80.0	70.0	60.0	40.0
J-140	90.7	83.3	78.3	60.0	55.0	43.3
STR-8BB5	87.3	81.7	78.3	58.3	51.7	41.7
IS-TF-138	89.0	85.0	78.3	63.3	56.7	38.3
SR 8650 (STR-8LMM)	85.7	80.0	78.3	65.0	56.7	43.3
DKS	85.7	76.7	70.0	55.0	53.3	40.0
AGGRESSOR (IS-TF-153)	85.7	85.0	78.3	71.7	63.3	43.3
TRAVERSE SRP (RK-1)	90.7	88.3	81.7	71.7	58.3	46.7
RNP	85.7	75.0	70.0	50.0	50.0	35.0
VAN GOGH (LTP-RK2)	92.3	88.3	81.7	66.7	60.0	38.3
JT-41	85.7	86.7	80.0	66.7	56.7	41.7
REBEL IV	82.3	83.3	76.7	61.7	51.7	48.3
AST-2	85.7	78.3	73.3	56.7	48.3	38.3
CE 1	85.7	81.7	76.7	66.7	55.0	50.0
ROCKET (IS-TF-147)	87.3	85.0	83.3	65.0	58.3	35.0

TABLE 11. PERCENT TURFGRASS CANOPY FULLNESS RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/
2007 DATA

	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
NAME	OCT 1 0 PASSES	OCT 3 8 PASSES	OCT 4 16 PASSES	OCT 5 24 PASSES	OCT 10 6 DAYS AFTER TRAFFIC	NOV 1 22 DAYS
LS-03	89.0	80.0	73.3	56.7	51.7	33.3
AST-3	80.7	81.7	71.7	53.3	46.7	35.0
AST-4	84.0	80.0	71.7	56.7	50.0	41.7
BGR-TF1	87.3	83.3	75.0	60.0	50.0	35.0
IS-TF-152	89.0	81.7	73.3	61.7	56.7	36.7
TITANIUM LS (MVS-BB-1)	87.3	86.7	80.0	71.7	58.3	33.3
PSG-82BR	87.3	85.0	81.7	66.7	61.7	38.3
AST 7003	85.7	78.3	75.0	56.7	51.7	35.0
DP 50-9411	89.0	81.7	80.0	63.3	53.3	43.3
FALCON IV	84.0	81.7	76.7	65.0	51.7	40.0
GE-1	84.0	81.7	75.0	63.3	53.3	40.0
IS-TF-135	87.3	80.0	78.3	63.3	48.3	31.7
PST-5HP	87.3	83.3	80.0	63.3	60.0	40.0
COL-J	82.3	75.0	65.0	46.7	38.3	33.3
COL-M	85.7	80.0	73.3	60.0	48.3	35.0
DARLINGTON (CS-TF1)	82.3	80.0	73.3	53.3	50.0	40.0
FAT CAT (IS-TF-161)	85.7	80.0	78.3	60.0	51.7	33.3
J-130	85.7	81.7	73.3	61.7	50.0	35.0
KZ-1	87.3	81.7	73.3	55.0	48.3	30.0
PADRE	85.7	83.3	80.0	66.7	55.0	43.3
TAHOE II	82.3	76.7	68.3	51.7	43.3	38.3
BAR FA 6253	84.0	81.7	73.3	55.0	53.3	30.0
CEZANNE RZ (LTP-CRL)	85.7	78.3	75.0	58.3	53.3	38.3
TOCCOA (IS-TF-151)	85.7	83.3	81.7	65.0	51.7	31.7
JT-33	84.0	80.0	73.3	51.7	51.7	30.0
JT-42	84.0	83.3	76.7	58.3	53.3	35.0
LS-06	85.7	80.0	71.7	55.0	40.0	35.0
MVS-341	82.3	81.7	78.3	65.0	45.0	33.3
ATF 1328	85.7	78.3	75.0	55.0	50.0	31.7
JT-36	82.3	81.7	78.3	56.7	48.3	30.0
JT-45	85.7	80.0	70.0	58.3	53.3	36.7
KZ-2	85.7	80.0	75.0	56.7	50.0	40.0
RAD-TF17	84.0	78.3	73.3	61.7	51.7	40.0
REMBRANDT	85.7	80.0	73.3	53.3	46.7	43.3
TULSA TIME (TULSA III)	80.7	80.0	76.7	63.3	48.3	33.3
0312	85.7	75.0	66.7	48.3	36.7	28.3
BGR-TF2	80.7	75.0	73.3	61.7	45.0	35.0
GWTF	80.7	78.3	75.0	58.3	50.0	31.7
LS-11	87.3	78.3	70.0	50.0	43.3	28.3
PSG-85QR	82.3	81.7	78.3	66.7	55.0	38.3
TURBO RZ (BURL-TF8)	82.3	81.7	78.3	58.3	46.7	36.7
EINSTEIN	85.7	81.7	76.7	55.0	46.7	40.0
JUSTICE	84.0	80.0	76.7	56.7	55.0	33.3
SKYLINE	79.0	76.7	75.0	55.0	40.0	35.0
06-DUST	85.7	78.3	71.7	53.3	45.0	38.3

TABLE 11. PERCENT TURFGRASS CANOPY FULLNESS RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/

2007 DATA

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
	OCT 1	OCT 3	OCT 4	OCT 5	OCT 10	NOV 1
	0 PASSES	8 PASSES	16 PASSES	24 PASSES	6 DAYS AFTER TRAFFIC	22 DAYS AFTER TRAFFIC
06-WALK	80.7	75.0	66.7	55.0	43.3	33.3
AST 7002	84.0	81.7	78.3	55.0	50.0	36.7
AST-1	82.3	80.0	71.7	56.7	50.0	36.7
ATF 1247	84.0	80.0	73.3	58.3	45.0	38.3
COL-1	80.7	80.0	73.3	55.0	48.3	33.3
NA-SS	80.7	78.3	71.7	58.3	48.3	31.7
ATF-1199	84.0	80.0	75.0	56.7	53.3	38.3
HUNTER	82.3	75.0	71.7	53.3	45.0	28.3
AST 7001	82.3	80.0	70.0	51.7	45.0	35.0
BILTMORE	80.7	80.0	75.0	60.0	51.7	43.3
PSG-TTRH	80.7	76.7	70.0	58.3	45.0	33.3
MAGELLAN	80.7	78.3	71.7	53.3	45.0	35.0
MVS-1107	82.3	76.7	70.0	60.0	48.3	38.3
STR-8GRQR	80.7	76.7	68.3	55.0	40.0	31.7
BAR FA 6363	79.0	70.0	61.7	38.3	33.3	26.7
LINDBERGH	79.0	78.3	70.0	60.0	45.0	36.7
PLATO	77.3	73.3	65.0	48.3	38.3	38.3
GO-1BFD	80.7	76.7	68.3	53.3	43.3	35.0
PSG-TTST	79.0	75.0	70.0	50.0	41.7	36.7
PSG-RNDR	77.3	71.7	61.7	45.0	35.0	30.0
ARISTOTLE	74.0	70.0	58.3	41.7	31.7	35.0
SILVERADO	74.0	70.0	61.7	48.3	36.7	35.0
KY-31	50.7	38.3	28.3	13.3	16.7	21.7
LSD VALUE	5.7	5.6	7.9	10.6	11.6	11.1
C.V. (%)	4.3	4.6	6.7	11.2	13.8	16.0

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 12. PERCENT LIVING GROUND COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN UNDER FIELD DROUGHT STRESS AT HIGHMORE, SD 2/
2007 DATA

NAME	PERCENT WINTER KILL	PERCENT ESTABLISH-MENT	PERCENT COVER MAY	PERCENT COVER JUNE	PERCENT COVER JULY	PERCENT COVER SEPTEMBER
SPYDER LS (Z-2000)	32.7	56.7	38.3	81.7	81.7	93.3
IS-TF-152	15.7	51.7	43.3	78.3	80.0	91.7
KO6-WA	27.0	63.3	46.7	76.7	75.0	91.3
J-140	23.7	60.0	45.0	76.7	85.0	90.0
RK 5	38.0	65.0	40.0	75.0	83.3	90.0
TURBO	17.0	58.3	48.3	73.3	73.3	90.0
BGR-TF2	37.7	60.0	36.7	71.7	76.7	88.3
BILTMORE	47.0	60.0	31.7	73.3	71.7	88.3
FIRECRACKER LS (MVS-MST)	54.0	56.7	26.7	70.0	76.7	88.3
MAGELLAN	48.3	70.0	36.7	80.0	80.0	88.3
ROCKET (IS-TF-147)	38.7	56.7	35.0	75.0	76.7	88.3
STR-8BB5	27.0	56.7	41.7	68.3	73.3	88.3
3RD MILLENNIUM SRP	39.0	71.7	43.3	78.3	81.7	86.7
BULLSEYE	14.3	55.0	46.7	70.0	70.0	86.7
FAT CAT (IS-TF-161)	23.3	55.0	41.7	66.7	73.3	86.7
RAPTOR II (MVS-TF-158)	39.3	55.0	33.3	70.0	71.7	86.7
RP 2	48.7	61.7	31.7	70.0	71.7	86.7
SC-1	31.3	65.0	45.0	75.0	76.7	86.7
SH 3	30.7	70.0	48.3	73.3	80.0	86.7
TG 50-9460	40.7	68.3	40.0	71.7	73.3	86.7
AST 7001	39.7	55.0	33.3	66.7	70.0	85.0
AST-3	43.7	56.7	31.7	71.7	75.0	85.0
ESCALADE	46.0	61.7	33.3	70.0	80.0	85.0
FALCON IV	39.0	55.0	33.3	76.7	81.7	85.0
GO-1BFD	40.3	58.3	35.0	71.7	80.0	85.0
HUNTER	25.5	51.7	42.5	75.0	77.5	85.0
JUSTICE	40.7	60.0	35.0	70.0	75.0	85.0
NA-SS	32.0	58.3	40.0	73.3	75.0	85.0
PSG-82BR	33.0	51.7	35.0	73.3	76.7	85.0
PST-5HP	35.7	66.7	43.3	78.3	78.3	85.0
BAR FA 6363	39.3	63.3	38.3	71.7	73.3	83.3
BGR-TF1	37.7	48.3	28.3	60.0	60.0	83.3
COL-J	42.7	56.7	33.3	66.7	66.7	83.3
DP 50-9407	51.7	61.7	30.0	63.3	65.0	83.3
EINSTEIN	46.3	65.0	35.0	71.7	78.3	83.3
JT-45	31.0	56.7	38.3	75.0	78.3	83.3
LINDBERGH	58.0	66.7	28.3	65.0	65.0	83.3
PADRE	30.7	58.3	40.0	66.7	71.7	83.3
RAD-TF17	45.3	55.0	30.0	70.0	73.3	83.3
REBEL IV	61.0	63.3	25.0	63.3	68.3	83.3
RK 4	31.0	68.3	46.7	73.3	75.0	83.3
RK 6	47.0	65.0	33.3	73.3	78.3	83.3
SPEEDWAY (STR-8BPDX)	37.7	56.7	35.0	71.7	73.3	83.3
SR 8650 (STR-8LMM)	17.0	56.7	46.7	75.0	73.3	83.3
TAHOE II	46.7	63.3	35.0	76.7	80.0	83.3

TABLE 12. PERCENT LIVING GROUND COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN UNDER FIELD DROUGHT STRESS AT HIGHMORE, SD 2/
2007 DATA

NAME	PERCENT WINTER KILL	PERCENT ESTABLISH-MENT	PERCENT COVER MAY	PERCENT COVER JUNE	PERCENT COVER JULY	PERCENT COVER SEPTEMBER
AST 7003	48.0	56.7	30.0	63.3	70.0	81.7
AST-2	41.0	55.0	33.3	68.3	71.7	81.7
ATF 1247	44.0	63.3	35.0	63.3	66.7	81.7
COL-M	30.7	51.7	36.7	66.7	70.0	81.7
DKS	27.0	55.0	38.3	66.7	76.7	81.7
DP 50-9440	29.7	48.3	33.3	56.7	60.0	81.7
GWTF	27.3	53.3	20.3	71.7	45.0	81.7
IS-TF-159	30.0	50.0	35.0	63.3	70.0	81.7
JAMBOREE (IS-TF-128)	45.0	66.7	36.7	68.3	71.7	81.7
KZ-2	30.7	50.0	35.0	63.3	65.7	81.7
LS-03	30.0	53.3	40.0	65.0	71.7	81.7
MONET (LTP-610 CL)	62.0	65.0	25.0	60.0	63.3	81.7
MVS-341	36.3	63.3	40.0	71.7	76.7	81.7
PLATO	37.0	60.0	38.3	63.3	73.3	81.7
PSG-85QR	48.3	51.7	26.7	71.7	75.0	81.7
TALLADEGA (RP 3)	41.0	63.3	36.7	68.3	70.0	81.7
TULSA TIME (TULSA III)	26.7	55.0	40.0	66.7	68.3	81.7
VAN GOGH (LTP-RK2)	44.3	56.7	31.7	61.7	68.3	81.7
ARISTOTLE	56.7	63.3	26.7	58.3	65.0	80.0
AST-4	24.7	48.3	36.7	65.0	68.3	80.0
ATF-1199	47.0	50.0	28.3	68.3	71.7	80.0
COL-1	29.7	46.7	31.7	65.0	71.7	80.0
FIRENZA	43.3	58.3	33.3	66.7	68.3	80.0
GE-1	47.0	63.3	33.3	68.3	73.3	80.0
IS-TF-135	42.0	53.3	30.0	58.3	65.0	80.0
JT-36	21.3	51.7	40.0	66.7	68.3	80.0
JT-41	42.3	55.0	31.7	68.3	71.7	80.0
KY-31	21.3	60.0	46.7	80.0	83.3	80.0
NA-BT-1	44.7	60.0	33.3	71.7	70.0	80.0
PSG-TTST	47.3	51.7	26.7	58.3	73.3	80.0
REMBRANDT	39.7	63.3	38.3	75.0	80.0	80.0
RKCL	51.0	60.0	30.0	60.0	56.7	80.0
SILVERADO	48.0	66.7	35.0	71.7	75.0	80.0
AST 7002	52.3	56.7	26.7	65.0	70.0	78.3
ATM	40.3	63.3	36.7	66.7	66.7	78.3
CE 1	38.3	53.3	33.3	61.7	63.3	78.3
DARLINGTON (CS-TF1)	35.0	53.3	35.0	66.7	65.0	78.3
DP 50-9411	25.3	60.0	45.0	66.7	63.3	78.3
ESSENTIAL (IS-TF-154)	50.0	61.7	30.0	66.7	68.3	78.3
JT-33	61.7	53.3	20.0	60.0	65.0	78.3
PSG-TTRH	39.0	61.7	38.3	68.3	70.0	78.3
WOLFPACK (PST-5WMB)	55.0	63.3	28.3	66.7	73.3	78.3
TOCCOA (IS-TF-151)	38.3	55.0	33.3	63.3	65.0	78.3
TURBO RZ (BURL-TF8)	50.0	60.0	30.0	65.0	68.3	78.3
06-WALK	52.3	55.0	25.0	61.7	70.0	76.7

TABLE 12. PERCENT LIVING GROUND COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN UNDER FIELD DROUGHT STRESS AT HIGHMORE, SD 2/
2007 DATA

NAME	PERCENT WINTER KILL	PERCENT ESTABLISH-MENT	PERCENT COVER MAY	PERCENT COVER JUNE	PERCENT COVER JULY	PERCENT COVER SEPTEMBER
AST-1	51.7	55.0	26.7	56.7	66.7	76.7
06-DUST	59.0	56.7	23.3	58.3	70.0	75.0
ATF 1328	49.7	50.0	25.0	58.3	63.3	75.0
CEZANNE RZ (LTP-CRL)	48.7	55.0	30.0	60.0	68.3	75.0
LS-06	45.0	50.0	28.3	58.3	63.3	75.0
LS-11	50.7	53.3	26.7	61.7	65.0	75.0
MUSTANG 4 (M4)	66.7	55.0	18.3	58.3	65.0	75.0
MVS-1107	60.7	55.0	21.7	63.3	66.7	75.0
PSG-RNDR	54.7	46.7	21.7	55.0	53.3	75.0
SKYLINE	62.7	58.3	21.7	60.0	70.0	75.0
IS-TF-138	46.7	48.3	26.7	53.3	60.0	73.3
RHAMBLER SRP (RHAMBLER)	55.7	51.7	23.3	63.3	60.0	73.3
TRAVERSE SRP (RK-1)	50.0	50.0	23.3	61.7	61.7	73.3
KZ-1	47.0	53.3	28.3	60.0	61.7	71.7
BAR FA 6253	63.7	63.3	23.3	55.0	61.7	70.0
AGGRESSOR (IS-TF-153)	60.7	53.3	20.0	40.0	45.0	66.7
J-130	51.7	51.7	25.0	51.7	61.7	66.7
RNP	46.7	48.3	26.7	56.7	51.7	66.7
TITANIUM LS (MVS-BB-1)	65.3	53.3	18.3	56.7	55.0	66.7
HEMI	50.7	43.3	25.0	53.3	60.0	65.0
JT-42	60.7	53.3	21.7	58.3	60.0	65.0
0312	69.0	48.3	15.0	55.0	61.7	63.3
STR-8GRQR	56.0	46.7	23.3	53.3	61.7	63.3
LSD VALUE	52.0	18.8	31.2	61.8	39.8	34.7
C.V. (%)	42.5	14.1	33.6	19.5	17.0	12.1

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

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

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	PERCENT ESTABLISH-MENT	SOD */ STRENGTH KG/SQ.FT.	QUALITY RATINGS AUG	OCT	MEAN
CEZANNE RZ (LTP-CRL)	7.7	98.3	8.7	7.3	63.3	13.0	8.3	8.0	8.2
NA-BT-1	7.7	98.0	8.7	8.0	63.3	18.0	8.0	8.3	8.2
AST 7002	7.7	97.3	8.3	7.3	66.0	13.0	8.3	7.7	8.0
PSG-82BR	7.3	97.3	8.7	8.3	68.3	12.3	7.7	8.3	8.0
AST 7003	8.3	98.3	8.7	7.3	66.7	13.3	8.0	7.7	7.8
ATM	7.7	97.3	8.7	8.0	65.3	13.7	7.7	8.0	7.8
BULLSEYE	8.0	97.3	9.0	7.7	66.0	11.3	8.0	7.7	7.8
EINSTEIN	7.3	97.3	7.7	7.3	67.7	13.3	8.0	7.7	7.8
KO6-WA	7.7	98.7	8.3	7.0	68.3	14.7	8.0	7.7	7.8
LINDBERGH	7.7	99.0	8.3	7.0	71.3	11.3	8.3	7.3	7.8
MAGELLAN	8.0	98.0	9.0	7.3	61.3	14.3	8.3	7.3	7.8
MUSTANG 4 (M4)	7.7	98.0	8.7	7.3	66.7	16.0	8.7	7.0	7.8
MVS-1107	8.0	97.0	9.0	7.3	63.7	11.0	8.3	7.3	7.8
PST-5HP	7.7	98.3	7.7	8.0	62.7	14.7	8.0	7.7	7.8
STR-8BB5	7.0	95.3	8.7	8.0	64.0	12.0	8.0	7.7	7.8
STR-8GRQR	8.0	97.3	9.0	8.0	64.7	12.3	8.0	7.7	7.8
VAN GOGH (LTP-RK2)	8.0	98.7	9.0	7.0	66.3	12.0	8.0	7.7	7.8
ATF 1328	8.3	96.3	9.0	6.7	67.3	14.0	8.3	7.0	7.7
ESCALADE	7.3	97.7	8.3	7.0	63.3	13.3	8.0	7.3	7.7
GO-1BFD	7.3	98.7	8.7	8.0	69.0	13.3	8.0	7.3	7.7
IS-TF-138	8.0	95.7	8.7	7.0	60.3	14.0	8.3	7.0	7.7
IS-TF-152	8.0	97.0	9.0	6.7	68.3	14.7	8.7	6.7	7.7
JT-33	7.3	96.0	8.0	7.3	69.7	12.3	8.0	7.3	7.7
WOLFPACK (PST-5WMB)	7.7	96.7	8.0	7.0	67.3	13.3	8.0	7.3	7.7
RNP	7.3	97.0	7.7	7.3	66.0	11.0	8.0	7.3	7.7
TRAVERSE SRP (RK-1)	7.7	97.7	9.0	6.7	65.3	12.0	8.0	7.3	7.7
TURBO	7.7	96.3	8.7	7.3	68.0	10.0	8.0	7.3	7.7
ARISTOTLE	7.3	98.3	7.7	7.0	66.7	8.3	8.0	7.0	7.5
BGR-TF2	7.7	97.0	8.0	7.0	66.3	11.7	7.7	7.3	7.5
ESSENTIAL (IS-TF-154)	8.0	98.0	7.3	7.0	65.0	11.3	7.7	7.3	7.5
J-140	8.0	97.3	9.0	6.7	64.7	12.3	8.0	7.0	7.5
JUSTICE	7.3	98.0	8.3	7.0	69.3	12.3	8.0	7.0	7.5
KZ-2	8.0	96.7	8.3	7.0	64.0	14.0	8.0	7.0	7.5
MONET (LTP-610 CL)	8.0	98.7	8.0	6.7	70.3	12.7	7.7	7.3	7.5
NA-SS	8.0	96.7	8.7	6.7	66.0	11.0	8.0	7.0	7.5
RAD-TF17	8.3	98.0	9.0	6.7	65.0	11.0	8.3	6.7	7.5
RP 2	7.7	96.3	9.0	6.7	70.0	11.3	8.0	7.0	7.5
SC-1	8.0	98.7	8.7	7.3	70.0	12.3	8.0	7.0	7.5
SKYLINE	8.0	97.7	8.7	6.3	64.0	12.0	8.3	6.7	7.5
SR 8650 (STR-8LMM)	7.3	97.7	8.7	7.0	69.0	12.3	8.3	6.7	7.5
AGGRESSOR (IS-TF-153)	8.0	97.0	8.7	7.3	66.3	13.0	7.7	7.0	7.3
AST 7001	7.7	96.0	8.3	6.7	64.0	10.7	8.0	6.7	7.3
ATF 1247	7.7	97.7	8.3	6.3	67.3	10.3	7.7	7.0	7.3
HUNTER	7.7	97.3	8.0	7.0	66.0	13.0	7.7	7.0	7.3
JAMBOREE (IS-TF-128)	7.7	96.7	8.7	6.7	62.7	11.7	8.0	6.7	7.3

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	PERCENT ESTABLISH-MENT	SOD */ STRENGTH KG/SQ.FT.	QUALITY RATINGS AUG	OCT	MEAN
JT-41	7.0	97.0	8.0	6.7	69.3	13.3	7.7	7.0	7.3
KZ-1	7.7	97.0	8.3	7.0	64.0	11.0	7.7	7.0	7.3
REBEL IV	7.7	99.0	8.3	6.0	68.7	13.3	8.0	6.7	7.3
ROCKET (IS-TF-147)	7.3	95.3	8.7	6.7	61.0	10.7	8.0	6.7	7.3
SILVERADO	7.0	96.7	8.7	6.0	64.7	9.3	7.7	7.0	7.3
SPEEDWAY (STR-8BPDX)	8.0	98.3	9.0	6.7	66.0	11.3	8.0	6.7	7.3
AST-1	8.0	97.7	8.7	6.3	67.3	11.7	8.0	6.3	7.2
AST-4	8.3	98.0	8.3	6.3	66.3	9.7	8.0	6.3	7.2
BILTMORE	7.0	98.3	8.0	6.7	64.3	13.3	7.7	6.7	7.2
FALCON IV	7.7	97.3	8.0	6.7	64.3	13.0	8.0	6.3	7.2
FIRECRACKER LS (MVS-MST)	8.0	97.3	9.0	6.0	65.3	14.7	7.7	6.7	7.2
FIRENZA	7.7	97.0	9.0	7.0	64.7	9.0	8.0	6.3	7.2
JT-42	7.3	98.0	8.0	6.3	69.3	12.3	7.7	6.7	7.2
JT-45	7.0	97.0	8.3	7.0	69.7	10.3	7.7	6.7	7.2
LS-06	8.0	96.3	7.7	6.3	63.3	13.3	7.7	6.7	7.2
PADRE	7.0	98.7	7.7	6.0	65.7	13.0	8.0	6.3	7.2
PLATO	7.7	98.7	7.7	6.3	65.7	10.3	8.0	6.3	7.2
PSG-RNDR	7.7	96.0	8.3	6.7	63.7	13.3	7.3	7.0	7.2
PSG-TTRH	8.0	98.0	8.7	6.7	64.0	13.0	7.7	6.7	7.2
PSG-TTST	7.3	97.0	8.7	7.0	63.7	11.0	7.3	7.0	7.2
RK 6	8.0	97.0	8.7	6.7	67.7	10.7	7.3	7.0	7.2
TG 50-9460	8.3	98.0	9.0	6.3	67.7	12.0	8.3	6.0	7.2
TITANIUM LS (MVS-BB-1)	7.3	98.3	9.0	6.7	64.0	13.0	7.3	7.0	7.2
TULSA TIME (TULSA III)	7.0	98.7	8.0	7.0	61.7	13.3	7.3	7.0	7.2
DKS	7.7	96.7	8.0	6.3	63.7	11.3	7.7	6.3	7.0
GE-1	7.3	98.0	8.7	6.0	66.7	13.7	8.0	6.0	7.0
GWTF	7.7	97.7	8.7	6.3	64.3	10.3	7.7	6.3	7.0
IS-TF-159	8.0	96.7	8.7	6.0	64.7	10.0	7.7	6.3	7.0
JT-36	8.0	97.0	9.0	7.0	66.7	8.3	7.7	6.3	7.0
LS-03	8.0	96.0	9.0	6.7	62.0	9.7	7.3	6.7	7.0
LS-11	8.3	98.3	7.7	5.7	64.0	9.3	7.7	6.3	7.0
MVS-341	8.3	97.7	8.7	6.3	66.0	11.0	7.3	6.7	7.0
PSG-85QR	7.7	97.3	8.3	6.0	65.3	14.3	7.7	6.3	7.0
RAPTOR II (MVS-TF-158)	7.7	92.7	8.3	6.7	64.3	12.7	7.3	6.7	7.0
RHAMBLER SRP (RHAMBLER)	7.7	98.0	8.7	6.0	66.7	14.0	7.7	6.3	7.0
SPYDER LS (Z-2000)	8.0	98.0	8.3	6.3	64.0	14.7	8.0	6.0	7.0
TAHOE II	8.3	97.3	8.0	6.3	65.3	10.7	7.7	6.3	7.0
TURBO RZ (BURL-TF8)	7.7	98.3	8.3	6.7	68.7	11.7	7.7	6.3	7.0
06-DUST	8.0	98.3	8.7	5.7	66.7	12.7	8.0	5.7	6.8
06-WALK	7.3	95.3	8.3	6.7	66.7	9.3	7.3	6.3	6.8
AST-2	7.3	98.3	7.7	6.3	68.0	11.7	7.3	6.3	6.8
AST-3	7.3	97.3	8.0	6.7	69.0	12.7	7.3	6.3	6.8
BGR-TF1	7.7	96.7	8.0	7.0	66.7	11.7	7.3	6.3	6.8
COL-1	8.0	97.3	8.7	6.0	63.7	13.7	7.7	6.0	6.8
COL-M	7.3	98.0	7.0	6.7	64.7	11.7	7.0	6.7	6.8

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/
2007 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	PERCENT ESTABLISH-MENT	SOD */ STRENGTH KG/SQ.FT.	QUALITY RATINGS AUG	OCT	MEAN
DARLINGTON (CS-TF1)	7.3	96.7	8.0	6.0	67.3	9.3	7.3	6.3	6.8
DP 50-9411	8.3	95.3	8.7	5.7	65.0	13.0	7.7	6.0	6.8
DP 50-9440	8.3	95.7	8.7	5.3	66.7	10.3	8.0	5.7	6.8
HEMI	8.0	97.7	9.0	6.3	67.7	13.0	7.7	6.0	6.8
IS-TF-135	7.7	95.7	8.3	5.0	67.7	11.0	7.3	6.3	6.8
REMBRANDT	7.7	98.7	8.7	6.0	69.7	11.0	7.7	6.0	6.8
RK 5	7.0	98.7	8.0	6.3	67.3	11.0	7.3	6.3	6.8
SH 3	7.7	98.7	8.7	6.0	69.7	11.3	7.7	6.0	6.8
0312	7.3	96.7	7.7	6.7	65.0	8.3	7.0	6.3	6.7
3RD MILLENNIUM SRP	8.0	98.3	8.7	5.7	67.7	13.0	7.3	6.0	6.7
ATF-1199	8.0	98.0	8.0	5.7	66.0	9.7	7.3	6.0	6.7
BAR FA 6363	7.3	98.3	8.3	5.7	66.3	8.0	7.3	6.0	6.7
CE 1	7.7	99.0	9.0	5.3	70.0	13.7	7.7	5.7	6.7
DP 50-9407	8.0	97.7	8.7	5.3	69.3	13.3	7.3	6.0	6.7
J-130	7.7	97.0	8.3	5.7	66.0	9.3	7.3	6.0	6.7
TOCCOA (IS-TF-151)	8.0	96.0	8.0	5.7	66.7	11.0	7.3	6.0	6.7
FAT CAT (IS-TF-161)	7.7	97.7	7.0	5.7	66.7	11.0	7.0	6.0	6.5
TALLADEGA (RP 3)	7.7	97.0	8.3	6.0	61.7	13.7	7.3	5.7	6.5
RK 4	7.7	98.7	8.7	5.3	66.7	10.0	7.0	5.7	6.3
COL-J	7.7	98.0	6.7	4.7	66.0	11.0	6.7	5.7	6.2
RKCL	7.7	97.7	8.3	5.3	65.3	10.3	7.0	5.3	6.2
BAR FA 6253	8.0	98.0	9.0	4.0	64.7	9.0	6.7	5.0	5.8
KY-31	6.0	99.0	9.0	6.3	70.3	8.7	6.3	5.3	5.8
LSD VALUE	1.0	2.8	2.0	5.5	17.6	8.6	1.7	5.3	2.8
C.V. (%)	6.2	1.4	8.5	19.2	6.0	22.9	7.8	17.2	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.

*/ SOD STRENGTH WAS MEASURED ON OCTOBER 29, 2007.

TABLE 14. GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	GA1	IL1	IN1	KY1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
KZ-2	9.0	7.7	6.0	7.3	8.7	7.7	7.3	7.0	8.3	7.3	7.7	6.7	8.3	8.7	8.0	8.0	7.7	8.0	8.0	8.3	7.8
DARLINGTON (CS-TF1)	9.0	7.0	6.3	7.0	8.7	7.7	7.7	7.0	7.7	8.0	8.7	6.3	8.3	7.7	8.0	8.0	7.0	7.7	7.7	7.3	7.6
AST-1	9.0	7.0	6.0	7.3	8.0	7.3	7.0	7.0	7.3	8.3	8.3	6.3	8.3	8.7	8.0	8.0	7.3	8.0	7.7	7.7	7.6
LS-11	8.0	7.7	6.3	7.0	7.7	7.0	7.3	7.0	7.7	8.0	8.0	6.7	9.0	8.3	8.0	8.0	7.0	7.7	7.7	8.0	7.6
AST 7001	8.3	7.0	5.3	7.0	8.7	7.0	7.3	7.0	8.3	6.7	8.7	6.3	8.7	8.0	9.0	8.3	7.3	7.7	7.7	7.7	7.6
DKS	9.0	6.7	6.0	7.3	8.7	8.0	7.3	6.7	8.0	7.0	7.3	6.7	8.3	8.3	7.7	8.0	7.0	7.7	7.7	7.3	7.5
HUNTER	8.3	7.3	6.3	7.0	8.7	7.7	6.7	7.0	7.7	7.3	8.0	5.3	8.7	8.0	8.0	8.0	7.0	8.0	7.7	8.0	7.5
RNP	8.7	7.0	6.0	7.0	8.3	7.7	6.7	7.0	7.3	8.0	8.3	6.0	8.0	8.3	8.3	8.0	7.0	7.7	8.0	7.3	7.5
COL-M	8.7	6.7	5.7	7.3	8.7	7.3	7.3	7.0	7.3	7.7	7.3	7.0	7.3	7.7	8.0	8.0	7.3	7.7	7.7	8.3	7.5
COL-J	8.3	7.0	5.7	7.7	8.3	6.7	7.3	6.7	7.7	7.7	7.7	6.7	8.3	7.3	8.0	8.0	6.7	8.0	8.0	8.0	7.5
LS-03	8.7	7.0	5.3	7.3	8.3	8.3	7.7	7.0	8.0	7.3	7.0	6.3	7.7	8.0	8.0	8.0	7.0	7.7	7.3	7.7	7.5
NA-SS	8.3	7.0	5.3	7.0	9.0	7.3	7.0	7.0	7.7	7.3	7.0	6.3	8.0	7.7	8.0	8.0	7.3	8.0	8.0	8.3	7.5
AST-4	9.0	7.3	5.7	7.7	8.0	7.3	7.0	6.7	6.0	7.3	8.0	6.3	8.0	8.7	8.3	8.0	7.0	8.0	7.7	7.3	7.5
AST 7003	8.7	7.3	6.3	7.3	8.0	8.0	7.0	7.0	7.7	6.3	7.0	7.0	7.7	8.7	8.0	7.7	7.0	8.0	7.0	7.0	7.4
AST-3	8.7	6.0	5.7	7.0	7.7	7.3	7.7	7.0	8.0	5.7	7.7	6.7	8.3	8.3	7.7	8.0	7.3	8.0	8.0	8.0	7.4
KZ-1	8.7	7.3	6.3	7.0	8.7	7.7	7.7	7.0	7.3	7.7	7.0	5.7	7.7	8.0	7.3	8.3	7.0	7.7	7.3	7.0	7.4
LS-06	8.7	7.3	6.0	7.0	7.7	7.3	6.7	6.7	7.3	8.0	7.3	6.3	8.3	8.0	7.7	8.0	7.0	8.0	7.7	7.3	7.4
TOCCOA (IS-TF-151)	8.7	6.7	5.7	7.3	8.7	6.3	7.0	6.7	8.0	8.0	7.0	6.0	8.0	8.3	7.3	8.3	6.7	8.0	7.7	8.0	7.4
IS-TF-138	8.3	7.3	5.0	7.7	9.0	6.3	8.0	7.0	7.7	7.0	6.7	5.7	8.3	8.7	8.0	8.0	6.7	7.7	7.3	7.7	7.4
BGR-TF2	8.3	6.7	6.0	7.3	8.7	6.7	6.3	7.0	7.0	7.7	8.3	6.7	8.7	8.0	7.7	8.0	7.0	8.0	7.3	6.7	7.4
BGR-TF1	8.7	7.3	5.7	7.3	8.7	7.0	7.3	6.7	7.7	6.3	7.7	6.3	8.0	7.7	7.3	8.0	7.0	8.0	7.3	7.7	7.4
AST-2	8.3	7.7	5.7	8.0	8.0	7.3	7.0	7.0	8.0	6.0	6.3	6.7	7.7	7.7	7.7	8.0	7.3	8.0	7.7	6.7	7.3
GWTF	8.3	7.3	5.3	7.3	8.3	7.0	7.0	6.7	8.3	7.3	7.3	6.7	8.3	8.3	7.7	8.0	7.0	7.3	7.0	6.0	7.3
FAT CAT (IS-TF-161)	8.7	6.7	5.3	7.7	8.3	7.0	7.3	7.0	7.7	7.7	7.0	6.0	8.0	8.0	8.0	7.3	7.0	8.0	7.0	6.3	7.3
ATF 1328	8.3	7.0	6.0	7.0	7.7	7.3	7.7	6.7	7.7	7.0	6.0	6.7	8.0	7.7	7.3	8.0	6.7	7.7	7.7	7.7	7.3
IS-TF-152	8.7	7.0	5.0	7.3	8.0	7.7	7.0	7.0	7.3	6.7	6.7	5.7	8.3	8.0	7.3	8.0	7.0	7.7	7.3	7.3	7.3
DP 50-9411	8.7	6.3	5.7	7.3	8.3	6.0	7.0	7.0	8.3	8.3	6.3	5.0	7.7	8.3	8.3	8.0	6.7	7.3	7.3	7.0	7.3
AST 7002	8.0	7.3	5.3	7.3	8.7	5.3	7.0	6.7	7.3	7.0	7.7	6.0	8.3	7.3	8.0	8.0	6.7	8.0	7.3	7.3	7.2
0312	8.3	7.0	6.0	7.0	8.0	6.3	6.7	6.7	6.7	8.0	6.3	5.7	8.3	7.7	8.3	8.0	7.0	8.0	7.7	7.0	7.2
JT-36	8.3	7.3	5.0	7.7	8.3	6.7	7.3	7.0	7.0	7.7	7.0	5.7	7.7	7.7	8.0	7.7	7.0	7.3	7.0	7.0	7.2
RKCL	8.3	7.0	6.3	8.0	8.0	7.0	7.0	6.7	8.0	7.3	6.3	7.0	7.0	7.0	6.7	8.0	7.0	8.0	7.0	6.7	7.2
TULSA TIME (TULSA III)	9.0	6.7	5.0	7.3	8.3	6.0	7.0	6.3	7.7	7.0	7.0	6.3	7.7	7.3	7.7	7.7	6.7	8.0	7.7	8.0	7.2
RAPTOR II (MVS-TF-158)	9.0	7.0	5.0	7.3	8.7	6.7	7.3	7.0	7.7	7.0	6.0	6.0	7.3	8.3	7.0	8.0	7.0	7.3	7.7	7.0	7.2
K06-WA	8.0	7.7	5.3	7.7	8.7	6.0	6.7	6.3	8.0	7.7	7.0	6.7	7.0	7.0	7.3	8.0	6.7	7.3	7.3	7.0	7.2
SPYDER LS (Z-2000)	8.0	6.3	5.7	7.0	8.0	6.0	7.3	6.3	8.0	7.7	6.0	5.3	7.7	7.7	8.0	8.3	7.0	8.0	7.0	8.0	7.2
IS-TF-135	8.7	6.0	6.3	7.3	7.7	6.7	7.0	7.0	6.7	6.7	6.0	6.3	7.7	8.3	8.0	8.3	6.7	7.7	7.0	7.0	7.2
AGGRESSOR (IS-TF-153)	8.3	7.3	5.3	7.0	8.0	6.7	6.3	6.0	8.3	7.0	6.3	6.0	7.7	7.7	7.7	7.7	6.7	7.7	7.0	8.0	7.1
JT-33	8.0	7.3	5.3	7.3	7.3	6.3	7.3	6.7	6.7	6.7	6.7	6.0	8.0	7.7	7.7	8.0	7.0	8.0	7.7	7.0	7.1
IS-TF-159	8.3	7.0	5.3	7.7	7.3	5.7	7.7	7.0	7.3	7.0	6.3	5.7	7.7	8.3	7.3	8.0	6.7	7.7	7.3	7.0	7.1
COL-1	8.3	6.7	5.3	7.0	8.0	7.0	6.7	6.7	7.7	6.7	6.0	6.0	7.3	8.0	8.0	8.0	7.0	7.3	7.7	7.0	7.1
JT-41	9.0	7.7	5.0	7.7	8.0	5.0	7.3	6.3	7.7	7.0	7.0	6.3	7.0	8.0	7.0	7.0	6.0	7.7	7.3	7.7	7.1

TABLE 14. (CONT'D) GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	GA1	IL1	IN1	KY1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
TAHOE II	8.0	6.7	5.3	7.0	8.3	6.7	6.7	7.0	7.7	7.3	6.3	5.0	7.7	7.3	8.0	8.0	6.7	7.7	7.3	7.0	7.1
ATF 1247	9.0	7.0	5.3	7.3	7.7	5.7	6.7	6.0	7.3	7.0	6.7	6.7	7.0	7.3	8.3	8.0	6.7	7.7	7.0	7.0	7.1
RK 6	8.3	7.0	5.0	7.7	8.7	5.3	8.0	6.7	6.7	7.3	6.7	5.7	7.0	7.3	6.7	8.0	6.7	7.7	7.3	7.0	7.0
J-130	8.0	6.7	5.7	7.7	7.7	6.3	7.7	6.7	6.7	6.7	7.0	6.7	7.3	7.0	6.7	7.7	7.0	7.3	7.0	6.7	7.0
RAD-TF17	8.3	7.3	5.3	7.0	8.0	5.3	7.0	6.0	8.3	6.7	7.0	6.0	8.0	7.0	7.3	7.3	6.3	7.7	7.0	6.3	7.0
DP 50-9407	8.0	6.7	6.0	7.3	8.0	5.7	6.3	6.3	8.3	7.3	6.3	5.3	7.3	5.7	7.7	8.0	6.3	7.7	7.3	7.3	7.0
SC-1	7.7	7.3	6.3	7.0	8.7	5.3	6.0	6.7	8.3	7.7	5.7	5.7	7.0	6.7	6.7	8.0	7.0	7.3	7.3	6.7	7.0
TURBO RZ (BURL-TF8)	8.0	7.3	5.3	7.3	7.3	6.0	6.7	6.3	7.3	7.3	5.7	6.0	7.3	7.7	7.3	8.0	6.3	7.0	7.0	6.7	6.9
JT-45	8.3	6.3	5.3	7.3	8.0	5.7	7.0	6.3	6.7	7.0	7.0	5.0	7.3	7.7	6.7	7.7	6.7	7.7	7.3	6.7	6.9
JAMBOREE (IS-TF-128)	8.3	7.0	5.7	7.7	8.3	6.0	6.7	6.7	7.0	7.0	6.0	5.3	7.3	7.0	7.7	7.7	6.3	7.3	7.0	5.7	6.9
MUSTANG 4 (M4)	8.0	7.0	5.3	6.3	8.0	5.3	7.0	6.3	7.3	8.0	6.3	6.0	6.7	7.3	7.0	8.0	7.3	7.0	7.0	6.3	6.9
BULLSEYE	8.0	7.0	5.0	7.0	8.3	5.0	7.3	6.7	7.0	7.7	5.7	6.3	6.7	7.3	7.7	8.0	6.7	7.0	7.0	5.7	6.9
HEMI	8.7	7.3	5.7	7.3	8.3	4.7	7.3	6.7	7.0	6.3	6.3	5.7	7.0	7.3	7.7	7.3	6.7	7.3	7.0	5.3	6.9
SR 8650 (STR-8LMM)	8.7	7.3	5.3	7.3	8.0	4.7	7.0	6.7	6.7	7.0	6.3	5.7	7.7	6.3	7.0	8.0	7.0	7.0	7.0	6.3	6.9
3RD MILLENNIUM SRP	7.7	7.7	6.0	7.3	8.0	5.3	7.0	6.0	7.7	7.3	6.7	5.3	7.0	6.3	7.0	7.3	6.7	7.7	7.0	5.7	6.8
FIRECRACKER LS (MVS-MST)	8.7	6.7	5.0	7.3	7.7	4.7	7.0	6.0	7.3	7.7	5.7	6.0	7.0	7.0	7.7	8.0	6.7	7.3	6.7	6.3	6.8
TALLADEGA (RP 3)	8.0	6.3	5.0	7.3	7.7	4.3	7.3	6.3	7.7	7.3	6.0	5.7	7.0	7.0	7.7	7.7	6.3	7.0	7.0	7.7	6.8
RK 4	7.7	7.7	5.3	7.3	7.3	6.0	7.0	6.0	7.3	7.0	5.7	6.3	7.0	7.0	6.7	7.0	6.7	7.7	7.0	6.3	6.8
DP 50-9440	8.0	6.3	5.0	7.3	8.0	4.7	7.0	6.7	6.0	7.3	7.0	4.7	6.7	7.0	7.7	8.0	6.7	7.7	7.7	6.7	6.8
TURBO	8.3	7.0	5.0	7.0	8.3	5.0	7.3	6.0	7.0	6.7	5.3	6.0	7.3	8.0	7.3	7.7	6.7	7.3	6.7	6.0	6.8
SH 3	7.7	7.0	5.3	7.3	8.0	6.3	6.7	6.3	7.7	7.3	6.0	5.3	7.0	6.7	6.7	7.7	6.7	7.0	7.0	6.0	6.8
SKYLINE	8.7	7.7	5.0	7.0	8.0	5.3	7.3	6.0	7.7	7.0	5.3	6.0	6.7	7.3	7.3	7.0	6.0	7.0	7.0	6.3	6.8
ROCKET (IS-TF-147)	8.3	7.3	5.3	8.0	7.7	4.3	7.3	6.3	6.7	7.3	6.0	5.7	6.7	7.3	7.7	7.7	6.0	7.0	7.0	5.7	6.8
MVS-341	7.7	7.3	5.0	7.0	7.7	5.0	6.0	6.0	7.0	7.3	7.3	5.3	7.0	7.0	7.3	7.7	6.0	7.3	7.3	7.0	6.8
RHAMBLER SRP (RHAMBLER)	7.7	7.7	5.7	7.0	8.3	5.0	6.3	6.3	8.0	7.3	6.0	5.3	6.3	7.0	7.3	7.3	6.3	7.3	6.7	6.0	6.8
J-140	8.0	7.0	5.7	7.0	8.3	5.3	7.0	6.3	6.7	7.3	6.0	5.7	7.3	6.3	7.3	7.7	6.7	7.3	6.3	5.3	6.7
FIRENZA	8.0	6.7	5.7	7.3	8.7	5.0	6.3	6.3	7.0	6.3	5.7	5.7	7.0	8.0	7.0	7.7	6.0	7.7	7.3	5.0	6.7
MONET (LTP-610 CL)	8.0	8.0	5.3	7.3	7.3	6.3	7.3	6.0	7.3	7.3	5.0	6.0	6.7	6.0	7.0	7.7	6.0	7.0	6.7	6.0	6.7
WOLFPACK (PST-5WMB)	8.3	8.0	5.7	7.7	8.0	4.7	6.3	6.0	7.3	6.7	6.3	6.3	6.0	6.7	7.7	7.3	6.3	7.3	6.3	5.3	6.7
PSG-RNDR	8.7	7.7	5.0	6.7	8.0	5.0	7.0	6.0	6.3	6.7	5.3	5.3	7.3	7.3	7.3	7.3	6.7	7.0	7.0	6.7	6.7
06-DUST	7.7	7.0	5.3	7.3	7.7	5.0	6.0	6.0	7.3	7.3	6.3	5.7	7.3	6.0	6.7	7.3	6.3	7.3	7.3	7.0	6.7
BILTMORE	8.0	6.7	5.7	7.0	8.7	4.7	6.7	6.0	7.0	6.0	5.7	5.3	7.0	6.7	7.0	8.0	6.7	7.7	7.3	6.3	6.7
JT-42	8.0	5.7	5.0	7.7	8.3	5.3	6.7	6.0	7.3	7.3	5.3	6.3	6.7	6.7	6.7	7.3	6.3	7.7	7.0	6.7	6.7
RP 2	8.3	7.0	5.7	7.0	8.0	4.7	6.7	6.3	6.7	6.7	6.0	5.7	6.3	6.7	6.7	7.3	7.0	7.3	7.0	7.0	6.7
06-WALK	8.0	7.0	5.7	7.0	7.7	5.0	6.3	6.3	6.7	7.0	4.7	6.3	7.7	5.7	7.0	7.3	6.0	7.7	7.3	7.3	6.7
BAR FA 6363	7.7	6.7	6.0	7.3	8.0	4.3	6.7	6.0	7.0	6.7	5.7	5.3	7.7	6.7	7.3	8.0	6.3	7.7	6.7	6.0	6.7
PSG-TTRH	8.0	7.0	5.7	7.0	7.7	5.0	6.7	6.0	6.7	7.0	6.7	5.0	6.3	6.3	7.3	7.7	6.3	7.7	7.0	6.7	6.7
VAN GOGH (LTP-RK2)	7.7	6.3	5.3	7.0	7.3	5.0	5.7	6.0	7.3	7.3	6.0	6.0	6.3	6.3	8.0	7.7	7.0	7.3	7.3	6.3	6.7
ATF-1199	8.7	6.0	5.3	7.0	7.7	4.3	7.0	6.3	7.3	7.7	4.3	6.0	7.3	6.0	6.7	7.3	7.0	7.3	7.3	6.3	6.7
ATM	7.7	7.3	5.7	7.3	8.0	5.0	6.0	6.0	7.0	6.3	7.3	5.0	6.7	6.3	6.7	7.7	6.7	7.0	7.0	6.3	6.7
BAR FA 6253	7.7	6.0	5.3	7.0	8.7	4.7	7.0	6.3	6.3	6.7	5.3	5.3	7.3	7.0	7.3	7.7	6.7	7.7	6.7	6.3	6.7
JUSTICE	7.7	8.0	6.0	7.7	7.7	5.3	6.3	6.0	7.3	7.0	5.7	6.0	6.3	5.0	7.0	7.3	6.3	7.3	7.0	6.0	6.7

TABLE 14. (CONT'D) GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	GA1	IL1	IN1	KY1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
PSG-85QR	8.0	7.0	5.3	7.0	7.3	4.7	6.7	6.0	7.0	7.7	5.0	5.7	6.7	7.0	7.7	7.3	6.7	7.3	7.0	6.0	6.7
GE-1	7.7	7.7	5.0	6.7	7.7	4.7	7.3	6.3	7.7	8.0	5.3	5.0	6.0	7.0	6.7	6.7	5.7	7.7	7.0	7.0	6.6
CEZANNE RZ (LTP-CRL)	7.7	7.0	5.0	7.0	7.7	5.3	6.7	6.3	7.3	6.3	4.3	5.7	7.0	6.3	7.7	7.3	6.3	7.3	7.3	6.7	6.6
SPEEDWAY (STR-8BPDX)	8.0	7.3	5.7	7.0	8.3	4.3	7.0	6.0	6.3	7.0	6.3	5.0	7.3	5.7	6.7	7.3	6.3	7.3	7.0	6.3	6.6
ESSENTIAL (IS-TF-154)	8.0	6.7	5.3	7.0	7.3	5.0	7.0	6.0	6.7	7.0	5.7	5.7	6.3	6.3	7.0	7.7	6.3	7.3	7.0	6.7	6.6
TG 50-9460	7.3	7.0	5.3	7.7	8.3	5.0	6.7	6.0	6.7	7.0	5.7	5.0	6.3	5.3	7.0	8.0	6.3	7.7	7.0	6.3	6.6
ESCALADE	8.0	6.3	5.3	8.0	8.0	4.0	6.3	6.0	7.3	7.7	5.7	5.7	6.7	5.3	7.0	7.7	6.3	7.3	6.7	6.0	6.6
TRAVERSE SRP (RK-1)	8.0	7.3	5.3	6.7	8.7	4.7	6.3	6.0	7.0	6.3	6.7	5.7	6.3	6.0	6.7	7.3	6.0	7.7	7.0	5.7	6.6
FALCON IV	8.0	7.0	5.3	8.0	7.7	4.0	6.7	6.0	7.3	6.7	6.3	6.0	6.3	5.3	6.7	7.7	7.0	7.7	6.0	4.7	6.5
REBEL IV	7.7	7.3	5.0	7.0	7.7	5.0	6.3	6.0	7.3	7.7	6.0	5.7	5.7	5.7	7.0	7.3	6.0	7.7	7.0	5.3	6.5
TITANIUM LS (MVS-BB-1)	8.0	7.3	5.3	7.7	7.3	3.7	7.3	6.0	7.0	7.3	6.3	5.3	5.7	5.7	7.0	7.7	5.7	7.0	6.3	6.7	6.5
RK 5	7.7	7.7	5.3	7.3	7.0	5.0	6.3	6.3	7.7	7.7	5.0	5.3	6.7	6.0	6.3	7.7	5.7	7.3	7.0	5.0	6.5
MAGELLAN	7.3	6.7	5.3	7.0	7.7	5.0	6.3	6.0	7.0	6.7	5.3	5.7	6.7	6.0	6.7	7.0	6.0	7.0	7.0	6.7	6.5
STR-8BB5	7.7	6.5	5.0	7.3	7.0	4.0	6.7	6.0	7.7	7.3	5.0	5.7	6.7	7.0	6.7	7.0	6.0	7.0	6.7	5.3	6.4
PADRE	7.7	7.0	5.7	7.7	7.3	4.0	6.0	6.0	6.3	6.7	5.0	5.7	5.7	6.7	6.3	7.7	6.3	7.3	7.0	5.7	6.4
ARISTOTLE	7.7	7.7	5.0	6.7	8.0	5.7	5.7	6.0	7.0	7.0	5.3	6.0	6.0	5.0	6.0	7.3	6.0	6.7	6.7	6.0	6.4
PST-5HP	8.0	6.0	5.3	7.0	7.3	4.7	6.7	6.0	6.7	5.7	4.7	6.0	6.0	6.0	7.3	8.0	6.3	7.3	7.0	5.3	6.4
NA-BT-1	7.7	7.0	5.3	7.3	7.7	4.0	6.7	6.0	6.7	6.3	5.0	5.0	6.3	7.3	6.0	7.0	6.7	7.0	6.3	5.7	6.4
STR-8GRQR	7.0	6.3	5.0	7.3	7.7	4.0	6.0	6.0	6.7	7.3	5.3	5.3	6.7	5.3	5.7	7.3	6.7	7.0	7.3	6.7	6.3
PSG-82BR	8.0	7.3	4.7	7.3	7.0	4.3	6.0	6.0	6.7	7.3	5.0	5.0	6.0	5.7	6.3	7.7	7.0	7.0	6.0	5.3	6.3
EINSTEIN	7.3	7.3	5.0	7.0	7.3	3.7	6.7	5.7	6.7	6.7	4.7	5.3	6.3	5.0	7.0	7.7	6.0	7.0	6.7	5.7	6.2
MVS-1107	7.7	7.0	5.3	7.0	7.3	3.3	7.0	6.0	6.7	7.7	4.7	5.3	5.7	5.3	6.3	7.0	5.7	7.3	6.3	6.0	6.2
CE 1	7.3	7.0	5.3	7.0	7.3	5.0	6.3	5.7	6.7	5.7	5.3	5.0	6.0	5.7	6.3	7.7	6.3	7.0	6.7	5.0	6.2
LINDBERGH	8.0	5.7	5.7	7.0	7.3	4.3	6.0	6.0	6.3	6.7	5.3	5.0	5.7	6.3	6.7	7.0	6.0	7.0	6.7	5.3	6.2
REMBRANDT	7.3	7.0	4.7	7.0	7.7	3.7	5.3	6.0	6.7	7.3	5.0	5.7	6.3	4.3	6.0	6.7	6.0	7.0	7.0	5.3	6.1
PLATO	7.0	6.7	5.0	6.7	7.3	4.0	6.3	6.0	6.0	7.3	4.7	4.7	5.7	6.0	6.7	6.7	5.0	7.0	6.3	6.3	6.1
GO-1BFD	7.3	5.7	5.0	7.0	7.3	2.7	5.3	5.3	6.7	6.7	5.0	5.0	5.7	3.7	6.3	7.0	5.3	7.0	6.7	4.7	5.8
PSG-TTST	7.7	6.7	4.7	6.7	6.7	2.7	5.7	5.0	5.3	6.3	4.0	5.7	5.0	4.0	6.0	7.0	5.0	6.7	6.0	5.0	5.6
SILVERADO	6.3	7.3	4.3	7.0	6.7	2.3	5.0	5.3	6.0	6.3	3.0	4.3	4.3	2.7	6.0	6.7	4.7	6.7	6.0	6.3	5.4
KY-31	5.3	5.0	3.0	6.0	5.0	1.0	4.0	4.0	4.0	7.0	2.0	3.3	1.0	1.0	3.7	5.7	3.7	5.3	5.0	3.3	3.9
LSD VALUE	0.8	1.4	0.8	0.7	1.2	1.2	0.9	0.6	1.1	1.5	1.6	1.4	1.0	1.5	1.0	0.7	0.9	0.7	0.8	1.6	0.3
C.V. (%)	6.1	12.7	9.3	6.1	9.1	13.6	8.6	6.0	9.9	13.0	16.2	14.9	8.7	13.3	8.7	5.5	8.1	6.1	6.7	15.3	10.2

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

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

TABLE 15. SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	KS2	NE1	RI1	TX1	MEAN	NAME	KS2	NE1	RI1	TX1	MEAN
KY-31	6.3	4.3	9.0	7.0	6.7	ATF 1247	5.3	4.0	5.7	8.0	5.8
COL-J	6.3	4.3	5.3	9.0	6.3	BULLSEYE	5.7	4.3	5.0	8.0	5.8
NA-SS	6.3	4.7	5.0	9.0	6.3	DKS	5.3	3.7	5.0	9.0	5.8
TRAVERSE SRP (RK-1)	6.7	4.3	5.7	8.3	6.3	FIRECRACKER LS (MVS-MST)	4.7	5.0	5.0	8.3	5.8
VAN GOGH (LTP-RK2)	6.3	4.7	5.7	8.3	6.3	HEMI	5.7	4.7	4.7	8.0	5.8
NA-BT-1	5.7	4.7	6.0	8.3	6.2	JAMBOREE (IS-TF-128)	5.7	4.7	5.0	7.7	5.8
ATF 1328	6.0	4.7	5.0	9.0	6.2	LS-03	5.0	4.7	4.7	8.7	5.8
MUSTANG 4 (M4)	4.7	5.3	5.7	9.0	6.2	RAD-TF17	6.7	3.7	4.3	8.3	5.8
SR 8650 (STR-8LMM)	6.3	4.0	5.7	8.7	6.2	RAPTOR II (MVS-TF-158)	5.0	4.7	4.3	9.0	5.8
BAR FA 6253	6.0	4.3	5.7	8.3	6.1	TG 50-9460	4.7	4.7	5.7	8.0	5.8
GWTF	6.0	4.7	4.7	9.0	6.1	TITANIUM LS (MVS-BB-1)	6.3	4.0	4.3	8.3	5.8
K06-WA	5.3	4.3	6.3	8.3	6.1	TURBO RZ (BURL-TF8)	5.3	4.0	5.0	8.7	5.8
0312	6.3	4.7	4.3	9.0	6.1	JT-42	4.7	4.0	5.7	8.3	5.7
COL-M	5.7	4.3	5.3	9.0	6.1	HUNTER	5.7	3.3	4.7	9.0	5.7
ATM	5.3	4.7	6.0	8.0	6.0	KZ-2	5.7	3.7	4.3	9.0	5.7
BGR-TF1	6.0	4.7	4.7	8.7	6.0	RNP	5.0	4.0	4.7	9.0	5.7
CE 1	6.3	3.7	5.7	8.3	6.0	SILVERADO	4.7	4.7	5.3	8.0	5.7
J-130	5.0	4.7	5.7	8.7	6.0	AST-2	6.0	3.7	4.0	9.0	5.7
SPEEDWAY (STR-8BPDX)	7.0	4.0	5.3	7.7	6.0	BGR-TF2	5.0	3.7	5.0	9.0	5.7
TOCCOA (IS-TF-151)	5.0	5.3	4.7	9.0	6.0	EINSTEIN	5.0	4.3	5.3	8.0	5.7
MVS-1107	5.7	4.0	5.7	8.3	5.9	IS-TF-152	4.7	4.3	5.0	8.7	5.7
CEZANNE RZ (LTP-CRL)	5.3	4.7	5.7	8.0	5.9	JT-41	5.7	4.3	4.3	8.3	5.7
ESCALADE	5.3	4.7	5.7	8.0	5.9	MVS-341	4.3	4.7	5.3	8.3	5.7
RHAMBLER SRP (RHAMBLER)	6.7	3.7	5.0	8.3	5.9	SC-1	5.7	4.3	4.3	8.3	5.7
RK 5	5.7	4.7	5.3	8.0	5.9	GO-1BFD	4.5	3.3	6.7	8.0	5.6
J-140	6.3	4.0	5.3	8.0	5.9	AGGRESSOR (IS-TF-153)	6.0	3.7	4.3	8.3	5.6
SPYDER LS (Z-2000)	4.7	4.0	6.3	8.7	5.9	BAR FA 6363	5.7	3.7	4.3	8.7	5.6
06-DUST	5.3	4.0	5.7	8.3	5.8	COL-1	5.0	4.0	4.7	8.7	5.6
AST-1	5.7	3.0	5.7	9.0	5.8	DP 50-9411	5.7	4.0	4.3	8.3	5.6
AST-4	6.0	3.3	5.0	9.0	5.8	GE-1	5.3	3.3	5.3	8.3	5.6
FALCON IV	6.0	3.3	5.7	8.3	5.8	LS-06	5.3	3.7	5.0	8.3	5.6
IS-TF-138	6.0	4.3	4.7	8.3	5.8	SKYLINE	5.7	3.3	5.0	8.3	5.6
LS-11	6.3	3.0	5.7	8.3	5.8	TALLADEGA (RP 3)	5.3	4.0	4.7	8.3	5.6
RK 6	6.7	3.3	5.0	8.3	5.8	BILTMORE	5.3	3.7	5.3	8.0	5.6
STR-8GRQR	6.0	3.3	5.3	8.7	5.8	IS-TF-135	5.3	3.3	4.7	9.0	5.6
DP 50-9440	5.7	4.3	5.3	8.0	5.8	MONET (LTP-610 CL)	5.3	3.7	5.3	8.0	5.6
REBEL IV	6.3	4.3	5.0	7.7	5.8	PSG-TTST	5.3	4.3	5.0	7.7	5.6
STR-8BB5	6.0	4.0	5.3	8.0	5.8	WOLFPACK (PST-5WMB)	5.3	3.3	5.7	8.0	5.6
TULSA TIME (TULSA III)	6.0	3.7	4.7	9.0	5.8	SH 3	6.0	3.7	4.7	8.0	5.6
RKCL	5.3	4.0	5.3	8.7	5.8	JT-36	5.0	4.3	4.3	8.7	5.6
06-WALK	6.0	3.7	5.3	8.0	5.8	AST 7003	5.0	3.3	5.0	8.7	5.5
						AST-3	5.0	4.0	4.3	8.7	5.5

TABLE 15. SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	KS2	NE1	RI1	TX1	MEAN
JT-33	4.7	4.0	5.0	8.3	5.5
JUSTICE	6.0	3.3	5.0	7.7	5.5
LINDBERGH	5.7	3.3	5.0	8.0	5.5
PSG-82BR	4.7	3.7	5.3	8.3	5.5
PSG-85QR	5.3	3.3	5.0	8.3	5.5
PSG-TTRH	5.7	3.0	5.0	8.3	5.5
RK 4	5.3	3.3	5.3	8.0	5.5
ROCKET (IS-TF-147)	5.3	4.3	4.0	8.3	5.5
TURBO	5.0	4.0	4.7	8.3	5.5
ESSENTIAL (IS-TF-154)	5.3	3.7	5.0	7.7	5.4
REMBRANDT	5.3	3.3	5.3	7.7	5.4
3RD MILLENNIUM SRP	4.7	3.0	5.3	8.7	5.4
AST 7001	5.7	3.3	4.0	8.7	5.4
FAT CAT (IS-TF-161)	5.0	3.7	4.3	8.7	5.4
ATF-1199	5.0	3.0	5.0	8.3	5.3
DARLINGTON (CS-TF1)	5.0	3.3	4.3	8.7	5.3
KZ-1	5.7	3.0	4.7	8.0	5.3
PLATO	4.7	4.0	5.0	7.7	5.3
PST-5HP	5.0	3.3	5.0	8.0	5.3
RP 2	5.0	3.3	4.7	8.3	5.3
ARISTOTLE	5.0	3.7	5.0	7.7	5.3
AST 7002	5.3	3.3	4.7	8.0	5.3
FIRENZA	5.7	2.3	5.3	8.0	5.3
IS-TF-159	5.3	3.3	4.0	8.7	5.3
DP 50-9407	5.7	3.7	3.7	8.0	5.3
JT-45	4.7	3.7	4.3	8.3	5.3
MAGELLAN	5.3	3.0	4.3	8.3	5.3
PADRE	4.7	3.0	5.7	7.7	5.3
PSG-RNDR	5.0	3.0	4.0	9.0	5.3
TAHOE II	4.7	3.3	4.3	8.7	5.3
LSD VALUE	1.6	1.6	1.2	0.8	0.7
C.V. (%)	18.3	24.8	15.1	6.0	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 16. LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	IL1	KY1	MO1	MS1	NC1	NJ2	PA1	TX1	UT1	VA1	WA3	WI1	MEAN
RKCL	6.0	5.7	7.3	6.7	7.0	7.7	7.3	8.3	6.7	5.7	6.0	6.0	7.7	6.8
DP 50-9440	6.0	5.3	6.3	7.0	7.0	8.0	7.3	8.3	7.0	6.0	6.3	6.3	7.0	6.8
SC-1	6.0	6.0	7.0	6.3	7.0	7.7	7.0	8.0	6.3	5.7	6.3	6.3	7.7	6.7
FIRECRACKER LS (MVS-MST)	6.0	6.0	7.3	6.0	7.0	8.0	7.0	8.3	6.3	6.0	6.0	5.7	7.3	6.7
SH 3	5.7	5.3	6.7	6.3	7.0	8.0	6.3	9.0	7.0	5.7	6.3	5.7	7.3	6.6
KO6-WA	6.0	6.0	7.0	6.3	7.0	8.0	6.7	8.3	6.3	6.0	5.7	5.3	7.3	6.6
MONET (LTP-610 CL)	6.0	5.3	7.0	6.3	7.0	8.0	7.0	8.0	6.0	6.0	6.0	5.7	7.3	6.6
RK 5	6.0	5.7	6.3	5.7	7.0	8.0	6.7	8.3	6.3	5.7	5.7	5.7	8.0	6.5
RK 4	6.0	5.3	6.3	6.7	7.0	7.7	7.0	8.0	6.3	6.0	5.3	6.0	7.3	6.5
IS-TF-152	6.0	4.3	6.3	7.3	7.0	7.0	6.7	7.0	6.3	6.0	6.0	6.3	7.3	6.4
IS-TF-159	6.0	5.3	5.7	6.7	7.0	7.3	6.7	8.0	6.3	6.0	5.3	6.3	7.0	6.4
ATM	5.7	5.7	6.3	6.0	7.0	8.0	7.0	8.3	6.3	4.7	6.0	5.7	6.7	6.4
RK 6	6.0	5.7	7.0	5.7	7.0	7.3	6.0	8.3	6.3	5.7	6.0	5.3	7.0	6.4
TRAVERSE SRP (RK-1)	6.0	6.0	6.0	6.0	6.7	7.7	6.7	7.3	6.7	6.0	5.7	5.7	7.0	6.4
IS-TF-138	6.0	5.0	6.0	6.3	7.0	7.3	6.7	7.3	6.7	6.3	5.7	6.0	7.0	6.4
NA-BT-1	5.7	6.0	6.0	6.3	7.0	7.7	6.0	8.3	6.3	5.7	6.0	5.3	7.0	6.4
3RD MILLENNIUM SRP	6.0	5.7	5.3	6.3	7.0	7.7	6.7	7.7	7.0	5.7	5.0	5.7	7.3	6.4
TOCCOA (IS-TF-151)	6.0	5.0	6.0	6.7	7.0	8.0	6.0	7.0	6.7	6.0	5.3	6.3	7.0	6.4
BULLSEYE	6.0	5.0	7.0	6.0	7.0	7.0	6.0	7.7	6.3	6.0	5.7	5.3	7.3	6.3
AST-3	6.0	5.3	5.7	7.0	7.0	7.3	6.0	7.0	6.3	6.0	5.3	6.0	7.0	6.3
RP 2	6.0	5.3	6.7	6.0	6.7	7.3	6.0	7.3	6.3	5.3	6.0	5.7	7.3	6.3
RHAMBLER SRP (RHAMBLER)	6.0	5.3	6.3	5.3	7.0	8.0	6.0	7.3	6.3	5.3	6.0	5.7	7.0	6.3
BGR-TF2	6.0	6.0	6.3	6.0	7.0	6.3	6.7	7.0	6.0	5.7	5.3	6.0	7.3	6.3
MUSTANG 4 (M4)	6.0	5.0	6.7	5.7	7.0	7.3	6.3	7.7	6.0	5.3	6.0	5.3	7.3	6.3
TURBO	6.0	6.0	5.7	6.0	7.0	7.0	6.0	7.7	6.0	5.3	5.7	5.7	7.3	6.3
AST-4	6.0	5.3	5.7	6.7	7.0	6.3	6.0	7.0	6.3	5.7	5.3	6.3	7.7	6.3
ESSENTIAL (IS-TF-154)	6.0	4.7	6.0	5.7	6.7	7.7	6.0	8.3	6.7	5.7	5.7	5.3	7.0	6.3
RAPTOR II (MVS-TF-158)	6.0	5.3	6.0	6.0	6.7	7.0	6.7	7.3	6.0	5.7	6.0	5.7	7.0	6.3
SPEEDWAY (STR-8BPDX)	6.0	5.3	5.3	6.0	6.7	7.3	6.7	7.7	6.3	6.0	5.7	5.0	7.3	6.3
TALLADEGA (RP 3)	6.0	5.0	5.7	5.7	6.7	6.7	6.7	7.7	6.7	6.0	6.0	5.7	7.0	6.3
VAN GOGH (LTP-RK2)	6.0	5.3	6.7	5.7	6.7	7.0	7.0	8.0	6.0	5.0	5.7	5.0	7.3	6.3
FAT CAT (IS-TF-161)	6.0	5.0	5.3	6.3	7.0	7.3	6.3	7.0	5.7	6.0	5.3	6.0	7.7	6.2
LS-03	6.0	5.0	6.3	6.3	7.0	6.3	7.0	6.3	6.3	6.3	5.0	5.7	7.3	6.2
PST-5HP	6.0	5.3	6.7	6.0	7.0	7.3	6.0	7.3	6.0	5.7	5.3	5.3	7.0	6.2
WOLFPACK (PST-5WMB)	6.0	5.0	6.3	6.3	6.7	7.7	5.7	8.0	6.3	5.3	5.7	5.0	7.0	6.2
J-140	6.0	6.0	6.0	6.0	6.3	7.3	6.0	7.7	6.0	5.3	5.7	5.3	7.3	6.2
TULSA TIME (TULSA III)	5.7	5.7	5.3	6.7	7.0	7.0	6.7	6.3	6.7	5.7	5.0	6.0	7.3	6.2
IS-TF-135	6.0	5.0	6.0	6.7	7.0	6.3	6.7	7.0	6.0	6.0	5.3	5.7	7.0	6.2
JAMBOREE (IS-TF-128)	6.0	5.3	5.3	6.3	7.0	6.7	6.7	7.7	5.7	5.7	5.3	6.0	7.0	6.2
AST-1	5.7	5.7	6.0	6.0	7.0	6.3	7.0	7.0	5.7	6.0	5.3	5.7	7.0	6.2
FIRENZA	6.0	5.0	6.3	5.7	6.3	7.7	6.7	7.3	6.3	5.3	5.7	5.0	7.0	6.2

TABLE 16. (CONT'D) LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	IL1	KY1	MO1	MS1	NC1	NJ2	PA1	TX1	UT1	VA1	WA3	WI1	MEAN
TG 50-9460	6.0	5.0	5.3	6.0	7.0	7.7	6.0	7.7	5.7	5.7	5.3	6.0	7.0	6.2
SPYDER LS (Z-2000)	5.7	5.3	6.3	6.0	6.7	7.3	6.3	7.0	6.0	5.0	5.7	5.7	7.0	6.2
AST 7003	6.0	5.3	5.7	6.3	6.7	6.3	6.7	6.7	6.0	5.7	5.0	6.0	7.7	6.2
BAR FA 6253	6.0	4.3	6.0	6.0	7.0	6.3	5.7	6.7	6.3	6.3	5.7	6.0	7.7	6.2
JT-41	6.0	5.7	6.3	6.7	6.7	7.0	6.0	6.3	6.0	5.3	5.3	5.3	7.3	6.2
LS-06	6.0	5.3	5.7	6.0	7.0	6.7	6.0	6.7	6.0	6.3	5.0	5.7	7.7	6.2
COL-J	6.0	5.3	6.0	6.3	7.0	5.7	6.7	7.0	6.0	5.7	5.3	6.0	6.7	6.1
DARLINGTON (CS-TF1)	5.7	5.3	5.7	6.3	7.0	6.0	6.7	6.7	6.0	6.0	5.3	5.7	7.3	6.1
ROCKET (IS-TF-147)	6.0	4.7	6.7	6.3	6.7	6.0	6.0	7.0	6.3	5.3	5.3	5.7	7.3	6.1
AST-2	5.7	5.7	5.0	6.3	7.0	6.7	6.0	7.0	6.0	5.7	5.3	6.0	7.0	6.1
BGR-TF1	6.0	5.0	5.7	6.0	7.0	7.0	6.0	7.0	6.0	5.3	5.0	6.3	7.0	6.1
JT-45	6.0	5.3	5.3	6.0	6.3	7.0	6.7	7.0	6.0	5.3	5.3	5.7	7.3	6.1
RNP	6.0	5.3	5.7	6.3	7.0	5.7	6.7	6.7	6.0	5.7	5.3	6.0	7.0	6.1
AGGRESSOR (IS-TF-153)	5.7	5.0	5.3	6.0	7.0	7.3	5.7	7.3	6.0	5.7	5.3	5.7	7.0	6.1
GWTF	6.0	4.7	6.0	6.0	6.7	6.3	6.0	6.7	6.0	5.7	6.0	5.7	7.3	6.1
HEMI	5.7	5.7	5.0	6.0	7.0	7.7	5.7	7.3	5.7	5.7	5.0	5.7	7.0	6.1
JT-33	6.0	5.0	5.7	6.3	6.7	6.0	6.3	7.0	6.3	5.7	5.0	5.7	7.3	6.1
KZ-1	6.0	5.3	6.0	6.3	7.0	6.3	6.3	6.7	5.7	5.3	5.0	5.7	7.3	6.1
0312	6.0	4.7	5.7	6.3	7.0	6.0	6.7	6.3	5.7	5.7	5.0	6.0	7.7	6.1
LS-11	6.0	5.0	5.7	6.3	6.7	6.7	6.7	6.0	6.0	5.7	5.3	6.0	6.7	6.1
COL-1	6.0	5.0	6.0	6.0	6.7	7.3	5.7	6.3	5.7	6.0	5.3	6.3	6.3	6.1
CE 1	6.0	5.0	5.7	5.7	6.3	7.7	6.3	6.7	5.7	6.0	5.0	5.0	7.3	6.0
J-130	6.0	4.3	5.0	6.3	7.0	7.0	6.0	7.0	6.0	5.3	5.3	5.7	7.3	6.0
KZ-2	6.0	5.3	5.0	6.3	7.0	7.0	5.7	7.0	6.0	5.3	5.0	6.0	6.7	6.0
STR-8BB5	6.0	5.0	5.0	6.0	6.7	8.0	5.3	7.0	6.0	5.7	5.3	5.3	7.0	6.0
DP 50-9407	5.7	4.3	6.0	6.0	6.7	7.3	6.0	7.3	6.0	5.3	5.7	5.0	6.7	6.0
CEZANNE RZ (LTP-CRL)	5.7	5.3	5.0	6.0	6.3	7.7	5.7	6.3	6.3	5.7	5.3	5.7	7.0	6.0
PSG-TTRH	5.7	5.7	6.0	6.0	6.7	6.3	6.7	6.7	5.3	5.3	5.0	5.3	7.3	6.0
SR 8650 (STR-8LMM)	5.7	4.7	5.7	6.3	7.0	6.7	6.0	7.0	6.0	5.7	5.0	5.7	6.7	6.0
DKS	5.7	5.0	5.3	6.7	7.0	6.7	5.7	7.0	5.7	5.3	5.0	5.7	7.0	6.0
JT-42	6.0	5.7	5.3	6.0	6.7	7.0	6.0	6.3	6.0	5.3	5.0	5.3	7.0	6.0
DP 50-9411	5.7	4.3	5.7	6.0	6.7	6.3	6.0	7.0	5.7	5.7	5.0	6.3	7.3	6.0
JT-36	6.0	5.0	5.3	6.0	7.0	6.7	6.0	6.7	6.0	5.7	5.3	5.3	6.7	6.0
AST 7002	6.0	4.7	5.0	6.3	7.0	6.7	6.3	6.7	6.0	5.3	5.0	5.7	6.7	5.9
REBEL IV	6.0	5.3	5.0	6.3	6.0	7.3	6.7	6.3	6.0	5.0	5.0	5.0	7.3	5.9
COL-M	6.0	5.0	7.0	6.0	6.7	7.0	5.3	6.7	4.0	5.7	5.0	5.7	7.0	5.9
JUSTICE	6.0	5.3	5.3	6.0	6.0	7.7	5.3	6.3	6.0	5.3	5.0	5.7	7.0	5.9
HUNTER	6.0	5.0	4.7	6.0	6.7	6.7	6.0	6.7	6.0	5.3	5.0	6.0	7.0	5.9
NA-SS	5.7	5.3	4.7	6.0	7.0	6.3	6.0	6.7	6.0	5.3	5.0	5.7	7.0	5.9
ESCALADE	5.7	4.7	5.7	6.0	6.3	7.0	5.3	6.7	6.3	5.0	5.0	5.7	7.3	5.9
GE-1	6.0	4.7	4.7	5.3	6.0	7.3	6.7	6.0	6.3	5.3	4.7	6.3	7.0	5.9
PSG-82BR	6.0	5.7	5.3	6.0	6.3	7.0	5.0	6.3	5.7	5.7	5.0	5.3	7.0	5.9

TABLE 16. (CONT'D) LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	IL1	KY1	MO1	MS1	NC1	NJ2	PA1	TX1	UT1	VA1	WA3	WI1	MEAN
PSG-85QR	6.0	5.3	5.0	5.7	6.0	7.7	5.3	6.7	6.0	5.0	5.3	5.3	7.0	5.9
TITANIUM LS (MVS-BB-1)	5.3	4.7	5.7	5.7	6.3	7.0	5.0	7.0	6.0	5.3	5.7	5.7	6.7	5.8
LINDBERGH	5.7	5.3	4.7	6.0	6.3	7.3	5.3	6.3	5.7	6.0	5.0	5.3	7.0	5.8
ATF 1328	5.7	5.0	5.0	5.3	6.7	5.7	6.0	6.7	6.0	5.3	5.0	6.0	7.0	5.8
06-DUST	5.3	5.3	5.0	6.0	6.7	6.3	4.7	6.7	6.0	5.3	5.3	5.7	7.0	5.8
AST 7001	5.7	5.0	4.7	5.7	7.0	6.0	5.7	6.3	5.7	5.7	5.0	5.3	7.7	5.8
SKYLINE	5.7	5.7	4.7	6.3	6.3	7.0	5.3	5.7	6.3	5.7	5.0	5.0	6.7	5.8
FALCON IV	5.7	5.3	4.7	5.7	6.3	6.7	6.0	6.3	5.7	5.0	5.0	5.7	7.0	5.8
PLATO	5.7	4.7	5.0	6.3	6.3	7.0	5.0	6.7	5.7	5.0	5.0	5.7	6.7	5.7
TAHOE II	5.7	4.7	4.7	6.0	6.7	5.3	6.0	6.3	6.7	5.3	5.0	5.3	6.7	5.7
ATF-1199	6.0	5.3	5.3	5.0	6.7	7.3	4.3	6.3	6.0	4.7	5.0	5.3	7.0	5.7
PADRE	6.0	4.3	4.0	6.0	6.7	7.0	5.7	6.0	6.0	5.3	5.0	5.3	7.0	5.7
RAD-TF17	6.0	5.0	5.0	6.0	6.7	6.3	6.0	6.0	5.7	5.0	5.0	4.7	7.0	5.7
ATF 1247	5.7	4.3	5.0	6.0	6.7	6.0	5.7	6.3	5.7	5.3	5.0	5.7	6.7	5.7
EINSTEIN	5.3	4.7	5.3	6.0	6.0	6.3	6.0	6.7	5.7	5.3	4.7	5.3	6.7	5.7
MVS-1107	6.0	5.0	4.3	5.0	6.7	7.3	4.7	6.3	5.7	5.3	5.3	5.0	7.0	5.7
PSG-RNDR	5.3	4.7	5.3	6.0	6.3	6.3	5.0	6.0	6.0	5.3	5.3	5.3	6.7	5.7
BAR FA 6363	5.0	5.3	4.7	5.7	6.3	6.0	5.3	6.0	5.7	6.0	5.0	5.3	7.0	5.6
REMBRANDT	5.3	5.3	4.7	5.3	6.3	7.3	4.7	6.3	6.0	5.3	5.0	5.3	6.3	5.6
TURBO RZ (BURL-TF8)	5.7	5.0	4.3	5.3	7.0	7.3	4.7	6.7	5.7	5.3	4.3	5.0	7.0	5.6
MVS-341	5.7	4.7	4.0	6.0	6.7	5.0	6.0	7.3	6.0	5.3	4.3	5.0	7.0	5.6
STR-8GRQR	5.7	4.3	5.0	5.3	6.7	7.0	4.3	6.3	5.7	5.0	5.0	5.3	6.7	5.6
PSG-TTST	5.3	5.7	4.7	6.0	6.0	6.3	5.3	5.3	5.7	5.3	5.0	5.3	6.3	5.6
BILTMORE	5.3	5.3	4.7	5.3	6.0	6.0	4.0	6.3	6.3	5.0	5.0	5.3	7.0	5.5
MAGELLAN	5.7	4.3	4.0	5.7	6.7	6.3	4.7	6.7	5.7	5.3	5.0	5.0	6.7	5.5
06-WALK	5.3	4.3	5.0	6.0	6.7	6.3	3.7	5.7	6.0	5.0	4.7	5.3	6.3	5.4
GO-1BFD	5.7	4.7	4.7	5.0	6.0	6.7	3.0	6.7	5.7	5.0	5.0	5.0	6.7	5.4
ARISTOTLE	5.3	4.0	4.3	5.7	6.0	6.3	5.0	5.3	5.7	5.0	4.3	5.0	7.3	5.3
SILVERADO	5.7	5.0	4.0	5.7	6.0	5.7	3.0	5.0	5.0	4.3	4.3	5.0	6.3	5.0
KY-31	4.0	2.7	3.3	3.3	4.0	4.0	1.0	3.0	5.0	2.7	3.3	4.0	4.0	3.4
LSD VALUE	0.6	1.4	1.2	0.8	0.6	1.2	1.1	0.8	0.9	0.9	0.7	0.9	0.8	0.3
C.V. (%)	6.2	16.8	13.3	8.4	5.7	10.8	11.9	7.6	9.6	10.1	8.5	9.7	7.2	9.8

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

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

TABLE 17. SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	KY1	PA1	MEAN
KY-31	5.0	7.3	8.7	7.0
SH 3	5.0	6.3	8.3	6.6
PLATO	4.7	6.3	8.3	6.4
LINDBERGH	5.3	6.7	7.3	6.4
3RD MILLENNIUM SRP	5.0	6.7	7.3	6.3
RK 5	4.0	6.7	8.0	6.2
RK 4	3.7	7.0	8.0	6.2
ATM	3.7	7.0	7.7	6.1
MONET (LTP-610 CL)	5.0	6.0	7.3	6.1
KO6-WA	3.7	7.0	7.3	6.0
MAGELLAN	4.3	6.7	7.0	6.0
DP 50-9407	4.7	6.0	7.0	5.9
JT-45	4.0	7.0	6.7	5.9
WOLFPACK (PST-5WMB)	4.0	6.7	7.0	5.9
RKCL	3.7	7.0	7.0	5.9
FIRENZA	3.7	6.7	7.0	5.8
GE-1	4.0	6.7	6.7	5.8
JT-41	3.3	7.0	7.0	5.8
JT-42	3.7	7.0	6.7	5.8
PST-5HP	4.0	6.3	6.7	5.7
SILVERADO	4.3	6.7	6.0	5.7
ARISTOTLE	3.7	6.3	6.7	5.6
BILTMORE	4.0	6.0	6.7	5.6
JT-36	3.3	6.7	6.7	5.6
REMBRANDT	3.7	6.7	6.3	5.6
PADRE	4.0	6.3	6.3	5.6
RK 6	3.3	6.3	7.0	5.6
SPYDER LS (Z-2000)	3.7	6.0	7.0	5.6
ESSENTIAL (IS-TF-154)	3.3	6.3	6.7	5.4
JUSTICE	3.3	6.3	6.7	5.4
PSG-TTRH	3.3	6.3	6.7	5.4
PSG-TTST	3.3	6.3	6.7	5.4
RAD-TF17	3.7	6.3	6.3	5.4
REBEL IV	4.7	5.3	6.3	5.4
SC-1	3.7	6.0	6.7	5.4
ESCALADE	4.0	6.0	6.0	5.3
KZ-1	3.3	6.7	6.0	5.3
MVS-341	3.7	6.3	6.0	5.3
NA-BT-1	3.3	6.3	6.3	5.3
AST-1	3.3	6.3	6.0	5.2
GWTF	4.0	5.7	6.0	5.2
TG 50-9460	3.3	5.7	6.7	5.2
TITANIUM LS (MVS-BB-1)	2.7	6.7	6.3	5.2
BGR-TF1	3.0	6.3	6.3	5.2
EINSTEIN	3.0	6.3	6.3	5.2
JAMBOREE (IS-TF-128)	3.0	6.3	6.3	5.2
GO-1BFD	3.0	6.7	5.7	5.1
06-DUST	3.0	6.0	6.3	5.1
AST-2	3.0	6.0	6.3	5.1
ATF 1247	3.3	6.7	5.3	5.1
BULLSEYE	2.7	6.3	6.3	5.1
FAT CAT (IS-TF-161)	3.0	6.3	6.0	5.1
FIRECRACKER LS (MVS-MST)	3.3	6.3	5.7	5.1
ROCKET (IS-TF-147)	3.7	6.3	5.3	5.1
TALLADEGA (RP 3)	3.0	6.3	6.0	5.1
VAN GOGH (LTP-RK2)	2.7	7.0	5.7	5.1
AST 7003	3.3	6.0	5.7	5.0
CE 1	3.3	5.3	6.3	5.0
FALCON IV	3.0	6.3	5.7	5.0
SPEEDWAY (STR-8BPDX)	3.7	6.0	5.3	5.0
SR 8650 (STR-8LMM)	3.3	5.3	6.3	5.0
TURBO RZ (BURL-TF8)	3.0	5.7	6.3	5.0
AST-3	3.0	5.7	6.0	4.9
BGR-TF2	2.7	5.7	6.3	4.9
MUSTANG 4 (M4)	2.7	6.3	5.7	4.9
NA-SS	3.0	5.7	6.0	4.9
RNP	3.0	6.0	5.7	4.9
RP 2	2.3	6.7	5.7	4.9
SKYLINE	3.0	6.0	5.7	4.9
TURBO	2.3	6.0	6.3	4.9
DKS	2.7	6.0	6.0	4.9
DP 50-9411	3.7	5.0	6.0	4.9
IS-TF-135	3.0	6.3	5.3	4.9
PSG-82BR	2.7	6.0	6.0	4.9
LS-03	3.0	6.7	4.7	4.8
AST 7001	3.3	6.0	5.0	4.8
AST 7002	3.3	6.0	5.0	4.8
ATF-1199	2.7	5.7	6.0	4.8
BAR FA 6253	3.0	6.0	5.3	4.8
COL-1	3.0	6.0	5.3	4.8
HEMI	2.3	5.7	6.3	4.8
IS-TF-159	2.3	5.7	6.3	4.8
JT-33	3.7	5.0	5.7	4.8

TABLE 17. SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	CA3	KY1	PA1	MEAN
LS-06	3.0	6.0	5.3	4.8
STR-8BB5	2.7	6.0	5.7	4.8
STR-8GRQR	2.7	5.7	6.0	4.8
TAHOE II	2.3	6.3	5.7	4.8
06-WALK	2.7	6.0	5.3	4.7
AST-4	2.7	6.0	5.3	4.7
BAR FA 6363	2.3	6.7	5.0	4.7
CEZANNE RZ (LTP-CRL)	3.0	6.0	5.0	4.7
COL-M	3.0	6.0	5.0	4.7
DARLINGTON (CS-TF1)	2.3	6.0	5.7	4.7
DP 50-9440	3.0	5.0	6.0	4.7
IS-TF-152	3.0	5.3	5.7	4.7
J-130	2.3	5.7	6.0	4.7
PSG-85QR	3.0	5.3	5.7	4.7
RHAMBLER SRP (RHAMBLER)	3.0	5.3	5.7	4.7
0312	2.3	6.0	5.3	4.6
COL-J	2.3	5.7	5.7	4.6
J-140	2.7	5.7	5.3	4.6
RAPTOR II (MVS-TF-158)	2.7	5.7	5.3	4.6
TOCCOA (IS-TF-151)	2.3	6.0	5.3	4.6
TRAVERSE SRP (RK-1)	2.7	5.7	5.3	4.6
HUNTER	3.0	5.3	5.3	4.6
MVS-1107	2.7	5.7	5.0	4.4
TULSA TIME (TULSA III)	2.7	5.7	5.0	4.4
KZ-2	2.3	5.7	5.0	4.3
LS-11	3.7	4.7	4.7	4.3
ATF 1328	2.0	5.3	5.3	4.2
IS-TF-138	2.0	6.0	4.7	4.2
AGGRESSOR (IS-TF-153)	2.3	4.3	5.7	4.1
PSG-RNDR	2.3	5.0	3.3	3.6
LSD VALUE	1.3	1.3	1.0	0.7
C.V. (%)	25.3	13.0	10.4	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 18. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	TX1	MEAN
DP 50-9440	8.3	8.0	8.2
NA-BT-1	8.3	8.0	8.2
CE 1	8.7	7.3	8.0
GWTF	8.3	7.7	8.0
HUNTER	8.0	8.0	8.0
RHAMBLER SRP (RHAMBLER)	7.7	8.3	8.0
RK 4	8.0	8.0	8.0
TRAVERSE SRP (RK-1)	8.0	8.0	8.0
BAR FA 6253	8.0	7.7	7.8
BGR-TF2	7.3	8.3	7.8
JT-36	7.7	8.0	7.8
NA-SS	8.0	7.7	7.8
PSG-RNDR	7.3	8.3	7.8
PST-5HP	8.3	7.3	7.8
RAD-TF17	7.7	8.0	7.8
RAPTOR II (MVS-TF-158)	8.0	7.7	7.8
ROCKET (IS-TF-147)	8.0	7.7	7.8
TURBO	7.7	8.0	7.8
BULLSEYE	7.7	7.7	7.7
COL-M	7.7	7.7	7.7
DARLINGTON (CS-TF1)	7.7	7.7	7.7
PADRE	7.7	7.7	7.7
SH 3	7.7	7.7	7.7
06-WALK	8.0	7.3	7.7
AST-4	7.3	8.0	7.7
ATF 1247	8.0	7.3	7.7
FIRENZA	8.0	7.3	7.7
GE-1	7.3	8.0	7.7
REMBRANDT	8.0	7.3	7.7
RK 6	8.0	7.3	7.7
TAHOE II	8.0	7.3	7.7
TALLADEGA (RP 3)	7.3	8.0	7.7
AST-3	7.7	7.3	7.5
BAR FA 6363	8.0	7.0	7.5
BGR-TF1	7.7	7.3	7.5
CEZANNE RZ (LTP-CRL)	7.7	7.3	7.5
COL-1	7.7	7.3	7.5
DP 50-9411	7.0	8.0	7.5
FIRECRACKER LS (MVS-MST)	7.3	7.7	7.5
J-140	7.3	7.7	7.5
K06-WA	7.0	8.0	7.5
KZ-2	8.0	7.0	7.5
MAGELLAN	7.3	7.7	7.5
MUSTANG 4 (M4)	7.3	7.7	7.5
PLATO	7.3	7.7	7.5
PSG-85QR	7.0	8.0	7.5
WOLFPACK (PST-5WMB)	7.0	8.0	7.5
RK 5	7.3	7.7	7.5
RNP	7.3	7.7	7.5
RP 2	7.7	7.3	7.5
SPEEDWAY (STR-8BPDX)	7.3	7.7	7.5
SPYDER LS (Z-2000)	7.0	8.0	7.5
STR-8BB5	7.7	7.3	7.5
TULSA TIME (TULSA III)	7.0	8.0	7.5
3RD MILLENNIUM SRP	7.0	7.7	7.3
COL-J	7.7	7.0	7.3
EINSTEIN	7.0	7.7	7.3
IS-TF-138	7.7	7.0	7.3
IS-TF-159	7.7	7.0	7.3
LS-06	7.7	7.0	7.3
MONET (LTP-610 CL)	7.7	7.0	7.3
PSG-82BR	7.0	7.7	7.3
RKCL	7.0	7.7	7.3
SC-1	7.0	7.7	7.3
SILVERADO	7.0	7.7	7.3
STR-8GRQR	7.0	7.7	7.3
TITANIUM LS (MVS-BB-1)	6.7	8.0	7.3
06-DUST	7.3	7.3	7.3
MVS-341	7.3	7.3	7.3
VAN GOGH (LTP-RK2)	7.3	7.3	7.3
GO-1BFD	6.7	7.7	7.2
IS-TF-152	7.7	6.7	7.2
MVS-1107	6.7	7.7	7.2
SKYLINE	7.7	6.7	7.2
ATF 1328	7.0	7.3	7.2
ATF-1199	7.3	7.0	7.2
FALCON IV	7.0	7.3	7.2
J-130	7.0	7.3	7.2
JT-42	7.3	7.0	7.2
LS-11	7.0	7.3	7.2
TG 50-9460	7.0	7.3	7.2
AGGRESSOR (IS-TF-153)	6.7	7.3	7.0
ARISTOTLE	7.7	6.3	7.0

TABLE 18. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	AR1	TX1	MEAN
AST 7002	6.7	7.3	7.0
ATM	6.3	7.7	7.0
DKS	7.0	7.0	7.0
DP 50-9407	7.0	7.0	7.0
FAT CAT (IS-TF-161)	7.7	6.3	7.0
JT-41	7.7	6.3	7.0
JT-45	7.3	6.7	7.0
PSG-TTRH	7.7	6.3	7.0
PSG-TTST	7.0	7.0	7.0
REBEL IV	7.3	6.7	7.0
SR 8650 (STR-8LMM)	6.0	8.0	7.0
TOCCOA (IS-TF-151)	6.7	7.3	7.0
TURBO RZ (BURL-TF8)	8.0	6.0	7.0
BILTMORE	6.7	7.0	6.8
IS-TF-135	6.7	7.0	6.8
JAMBOREE (IS-TF-128)	8.3	5.3	6.8
KZ-1	8.3	5.3	6.8
AST 7001	6.3	7.3	6.8
ESCALADE	7.3	6.3	6.8
ESSENTIAL (IS-TF-154)	7.3	6.3	6.8
AST-2	5.7	7.7	6.7
AST 7003	6.3	7.0	6.7
AST-1	6.3	7.0	6.7
JT-33	7.0	6.3	6.7
LINDBERGH	6.3	7.0	6.7
LS-03	6.0	7.3	6.7
0312	7.0	6.0	6.5
JUSTICE	6.7	6.3	6.5
HEMI	6.3	6.3	6.3
KY-31	6.3	6.0	6.2
LSD VALUE	1.5	1.6	1.1
C.V. (%)	13.1	13.9	13.5

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 19. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	NE1	TX1	MEAN
DP 50-9440	8.3	8.7	8.0	8.3
FIRECRACKER LS (MVS-MST)	8.0	8.0	8.7	8.2
PSG-85QR	8.0	8.7	8.0	8.2
SH 3	8.7	8.0	8.0	8.2
MUSTANG 4 (M4)	8.0	8.0	8.3	8.1
SILVERADO	8.3	8.3	7.7	8.1
JT-36	7.7	8.0	8.3	8.0
K06-WA	7.3	8.3	8.3	8.0
PSG-82BR	8.0	7.7	8.3	8.0
RK 5	7.7	8.3	8.0	8.0
ROCKET (IS-TF-147)	8.3	7.3	8.3	8.0
COL-J	8.0	7.7	8.0	7.9
EINSTEIN	7.3	8.7	7.7	7.9
J-130	7.7	8.0	8.0	7.9
J-140	7.7	7.7	8.3	7.9
SC-1	8.0	7.7	8.0	7.9
TG 50-9460	7.3	8.7	7.7	7.9
ESCALADE	7.7	8.7	7.3	7.9
3RD MILLENNIUM SRP	7.0	8.0	8.3	7.8
AST 7003	7.7	7.7	8.0	7.8
BILTMORE	7.3	8.3	7.7	7.8
JT-45	8.0	7.7	7.7	7.8
LINDBERGH	7.7	8.0	7.7	7.8
NA-BT-1	7.7	7.3	8.3	7.8
REMBRANDT	8.0	7.7	7.7	7.8
RK 6	7.7	7.3	8.3	7.8
RNP	8.0	7.7	7.7	7.8
STR-8BB5	7.7	7.7	8.0	7.8
TALLADEGA (RP 3)	7.3	7.7	8.3	7.8
TURBO	7.7	7.3	8.3	7.8
0312	8.7	7.3	7.3	7.8
06-WALK	8.0	7.3	8.0	7.8
BAR FA 6253	8.0	7.3	8.0	7.8
LS-03	8.7	6.7	8.0	7.8
PSG-TTST	7.7	8.7	7.0	7.8
SPYDER LS (Z-2000)	7.3	8.0	8.0	7.8
TITANIUM LS (MVS-BB-1)	8.0	7.3	8.0	7.8
TURBO RZ (BURL-TF8)	7.3	8.7	7.3	7.8
AST-4	8.3	6.3	8.3	7.7
ATF 1328	8.0	7.3	7.7	7.7
BULLSEYE	7.7	7.3	8.0	7.7
COL-1	8.0	7.0	8.0	7.7
HEMI	8.0	7.0	8.0	7.7
MONET (LTP-610 CL)	7.7	7.0	8.3	7.7
MVS-1107	7.0	8.3	7.7	7.7
PLATO	7.7	7.3	8.0	7.7
RHAMBLER SRP (RHAMBLER)	8.0	6.7	8.3	7.7
TOCCOA (IS-TF-151)	7.0	7.7	8.3	7.7
TULSA TIME (TULSA III)	7.7	6.7	8.7	7.7
06-DUST	7.7	7.3	7.7	7.6
AGGRESSOR (IS-TF-153)	7.7	7.0	8.0	7.6
AST-2	7.7	7.0	8.0	7.6
AST-3	7.7	7.3	7.7	7.6
DARLINGTON (CS-TF1)	7.7	7.0	8.0	7.6
DKS	7.7	7.3	7.7	7.6
GWTF	6.7	7.7	8.3	7.6
IS-TF-152	7.7	7.3	7.7	7.6
JAMBOREE (IS-TF-128)	8.0	7.0	7.7	7.6
RKCL	8.0	6.7	8.0	7.6
STR-8GRQR	7.0	7.7	8.0	7.6
ATM	7.3	7.3	8.0	7.6
BGR-TF2	7.3	7.0	8.3	7.6
CEZANNE RZ (LTP-CRL)	7.3	7.0	8.3	7.6
RAD-TF17	7.3	7.0	8.3	7.6
REBEL IV	7.3	8.0	7.3	7.6
AST 7001	7.7	7.0	7.7	7.4
BGR-TF1	7.7	6.7	8.0	7.4
ESSENTIAL (IS-TF-154)	8.0	6.7	7.7	7.4
IS-TF-135	8.3	6.0	8.0	7.4
JT-42	6.7	7.7	8.0	7.4
JUSTICE	7.7	7.7	7.0	7.4
PST-5HP	7.7	6.3	8.3	7.4
TRAVERSE SRP (RK-1)	7.7	6.3	8.3	7.4
ARISTOTLE	7.3	7.7	7.3	7.4
ATF 1247	7.3	7.0	8.0	7.4
ATF-1199	7.3	7.3	7.7	7.4
BAR FA 6363	7.3	7.7	7.3	7.4
DP 50-9411	7.3	7.0	8.0	7.4
GE-1	7.0	7.3	8.0	7.4
PSG-TTRH	7.7	7.3	7.3	7.4
RAPTOR II (MVS-TF-158)	7.3	7.0	8.0	7.4
TAHOE II	7.3	7.0	8.0	7.4
DP 50-9407	7.0	7.3	7.7	7.3

TABLE 19. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	AR1	NE1	TX1	MEAN
GO-1BFD	7.3	6.3	8.3	7.3
KZ-2	7.7	6.3	8.0	7.3
MVS-341	7.0	7.0	8.0	7.3
PADRE	7.7	6.3	8.0	7.3
PSG-RNDR	7.3	6.3	8.3	7.3
RK 4	7.7	6.3	8.0	7.3
VAN GOGH (LTP-RK2)	8.0	6.7	7.3	7.3
AST 7002	6.7	6.7	8.3	7.2
AST-1	7.3	6.7	7.7	7.2
FAT CAT (IS-TF-161)	7.7	6.0	8.0	7.2
FIRENZA	7.0	7.0	7.7	7.2
HUNTER	7.0	7.0	7.7	7.2
MAGELLAN	6.7	6.7	8.3	7.2
NA-SS	7.0	6.7	8.0	7.2
SR 8650 (STR-8LMM)	7.7	6.0	8.0	7.2
SKYLINE	7.3	7.0	7.3	7.2
CE 1	7.0	6.7	7.7	7.1
COL-M	6.7	6.3	8.3	7.1
IS-TF-159	7.0	6.0	8.3	7.1
JT-41	7.7	7.0	6.7	7.1
RP 2	7.7	5.7	8.0	7.1
FALCON IV	7.0	6.3	8.0	7.1
LS-06	7.3	7.0	7.0	7.1
JT-33	7.3	6.7	7.0	7.0
KY-31	7.0	7.7	6.3	7.0
LS-11	7.0	6.0	8.0	7.0
SPEEDWAY (STR-8BPDX)	7.3	6.0	7.7	7.0
IS-TF-138	7.3	5.7	7.7	6.9
KZ-1	7.3	5.7	7.7	6.9
WOLFPACK (PST-5WMB)	6.0	6.7	8.0	6.9
LSD VALUE	1.5	1.8	1.3	0.9
C.V. (%)	12.7	15.3	9.9	12.7

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

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

TABLE 20. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	AR1	GA1	NE1	TX1	WA3	MEAN
KO6-WA	8.7	9.0	9.0	8.7	7.7	8.6
MONET (LTP-610 CL)	8.7	8.7	8.7	8.0	7.7	8.3
RK 4	7.3	8.7	9.0	8.3	7.7	8.2
WOLFPACK (PST-5WMB)	8.0	8.7	8.7	8.0	7.3	8.1
TULSA TIME (TULSA III)	8.0	8.7	9.0	7.7	7.3	8.1
AST-1	8.3	8.3	9.0	7.3	7.3	8.1
NA-BT-1	7.7	8.7	9.0	8.3	6.7	8.1
ESCALADE	8.3	8.3	9.0	7.0	7.3	8.0
3RD MILLENNIUM SRP	7.7	8.7	9.0	7.3	7.3	8.0
ESSENTIAL (IS-TF-154)	8.3	9.0	9.0	7.0	6.7	8.0
IS-TF-138	8.0	9.0	8.3	8.0	6.7	8.0
MUSTANG 4 (M4)	8.0	9.0	9.0	8.0	6.0	8.0
RKCL	8.0	7.7	9.0	8.3	7.0	8.0
SKYLINE	8.0	9.0	9.0	7.3	6.7	8.0
ATM	8.0	8.7	8.7	7.7	7.0	8.0
COL-M	8.0	8.7	9.0	7.7	6.7	8.0
AST-2	8.3	9.0	9.0	7.3	6.0	7.9
BULLSEYE	8.7	8.7	8.7	7.3	6.3	7.9
PSG-82BR	7.7	9.0	8.7	7.0	7.3	7.9
ROCKET (IS-TF-147)	7.7	9.0	9.0	8.0	6.0	7.9
SPYDER LS (Z-2000)	7.3	7.7	9.0	8.3	7.3	7.9
O6-WALK	8.0	9.0	8.7	6.7	7.3	7.9
EINSTEIN	7.7	9.0	9.0	7.3	6.7	7.9
J-140	8.0	8.7	9.0	7.3	6.7	7.9
SC-1	8.0	8.7	8.7	7.3	7.0	7.9
SR 8650 (STR-8LMM)	8.0	9.0	8.3	7.7	6.7	7.9
TAHOE II	7.7	8.3	9.0	7.7	7.0	7.9
TRAVERSE SRP (RK-1)	8.0	9.0	8.3	7.7	6.7	7.9
RK 5	8.7	9.0	8.7	7.7	5.7	7.9
O6-DUST	7.3	9.0	9.0	6.7	7.3	7.9
GE-1	7.7	9.0	9.0	7.7	6.0	7.9
VAN GOGH (LTP-RK2)	8.0	8.3	8.3	8.0	6.3	7.8
DP 50-9440	7.7	8.3	9.0	7.7	6.3	7.8
GO-1BFD	7.7	8.7	8.3	7.3	7.0	7.8
IS-TF-159	7.3	9.0	8.7	7.7	6.3	7.8
JT-45	8.0	8.0	8.7	6.3	8.0	7.8
LS-11	8.3	9.0	8.0	6.7	7.0	7.8
MVS-1107	8.0	9.0	9.0	7.0	6.0	7.8
PSG-TTST	7.7	9.0	9.0	6.7	6.7	7.8
RNP	8.0	8.3	9.0	7.0	6.7	7.8
TURBO RZ (BURL-TF8)	7.3	9.0	9.0	6.3	7.3	7.8

TABLE 20. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	AR1	GA1	NE1	TX1	WA3	MEAN
FAT CAT (IS-TF-161)	7.3	8.7	8.7	7.7	6.7	7.8
JT-36	8.0	8.7	8.7	7.0	6.7	7.8
ARISTOTLE	7.7	9.0	9.0	6.7	6.3	7.7
AST-4	8.0	9.0	8.0	7.3	6.3	7.7
BGR-TF1	8.0	8.3	9.0	7.0	6.3	7.7
FIRECRACKER LS (MVS-MST)	8.3	9.0	9.0	7.0	5.3	7.7
RP 2	8.3	8.0	8.0	7.0	7.3	7.7
TITANIUM LS (MVS-BB-1)	7.7	9.0	8.7	7.0	6.3	7.7
HEMI	7.7	9.0	8.3	7.0	6.7	7.7
JT-41	8.0	9.0	8.7	7.0	6.0	7.7
LS-03	7.7	9.0	8.3	7.0	6.7	7.7
MVS-341	7.7	8.7	8.7	7.7	6.0	7.7
RHAMBLER SRP (RHAMBLER)	8.0	9.0	8.3	7.7	5.7	7.7
TURBO	7.3	8.7	8.7	7.0	7.0	7.7
ATF 1328	8.0	9.0	8.3	7.0	6.0	7.7
CEZANNE RZ (LTP-CRL)	7.3	8.0	9.0	7.7	6.3	7.7
FALCON IV	7.3	9.0	8.7	7.3	6.0	7.7
FIRENZA	8.0	7.7	9.0	7.0	6.7	7.7
IS-TF-152	8.3	9.0	8.3	7.7	5.0	7.7
JUSTICE	7.7	9.0	8.7	6.3	6.7	7.7
PSG-TTRH	7.7	9.0	8.7	6.0	7.0	7.7
RAD-TF17	7.3	9.0	8.7	7.0	6.3	7.7
RAPTOR II (MVS-TF-158)	8.0	8.3	8.7	7.3	6.0	7.7
STR-8GRQR	8.3	8.0	9.0	7.3	5.7	7.7
AST 7002	8.0	8.7	8.0	7.0	6.7	7.7
AST 7003	7.7	8.7	8.3	7.0	6.7	7.7
DP 50-9407	7.3	8.7	9.0	7.7	5.7	7.7
JT-33	8.0	8.7	8.3	6.3	7.0	7.7
PSG-85QR	7.7	8.7	9.0	7.0	6.0	7.7
REBEL IV	8.0	8.7	8.7	6.7	6.3	7.7
AST-3	8.7	7.3	8.3	7.3	6.3	7.6
ATF 1247	7.7	8.7	8.7	7.3	5.7	7.6
BAR FA 6363	8.0	8.0	8.7	7.0	6.3	7.6
JT-42	7.3	8.3	9.0	6.7	6.7	7.6
KZ-2	7.7	9.0	8.7	6.7	6.0	7.6
LS-06	8.3	8.3	8.3	5.7	7.3	7.6
PADRE	7.3	8.3	8.7	6.7	7.0	7.6
PST-5HP	8.3	7.0	8.3	7.3	7.0	7.6
REMBRANDT	7.3	8.7	9.0	6.7	6.3	7.6
SH 3	7.7	7.3	9.0	7.0	7.0	7.6
TALLADEGA (RP 3)	8.0	8.7	8.3	7.0	6.0	7.6
COL-1	8.0	8.7	8.7	6.3	6.3	7.6

TABLE 20. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	AR1	GA1	NE1	TX1	WA3	MEAN
J-130	7.3	9.0	9.0	7.0	5.7	7.6
AST 7001	7.3	8.7	8.3	7.0	6.3	7.5
BGR-TF2	8.0	8.0	8.7	6.7	6.3	7.5
DARLINGTON (CS-TF1)	8.0	8.0	8.7	7.3	5.7	7.5
GWTF	8.3	9.0	8.7	6.7	5.0	7.5
MAGELLAN	6.7	8.7	8.7	7.0	6.7	7.5
RK 6	8.0	7.3	8.7	7.0	6.7	7.5
TOCCOA (IS-TF-151)	8.0	7.0	9.0	7.3	6.3	7.5
BILTMORE	7.3	8.0	9.0	6.7	6.3	7.5
PLATO	8.0	7.7	8.3	6.7	6.7	7.5
AGGRESSOR (IS-TF-153)	7.7	8.7	7.7	7.3	6.0	7.5
COL-J	8.3	8.7	8.7	6.3	5.3	7.5
HUNTER	7.7	8.7	8.7	6.3	6.0	7.5
PSG-RNDR	8.0	9.0	8.7	7.0	4.7	7.5
STR-8BB5	7.7	7.3	8.7	7.3	6.3	7.5
SPEEDWAY (STR-8BPDX)	7.3	9.0	8.7	6.7	5.5	7.4
BAR FA 6253	8.0	7.3	9.0	6.7	6.0	7.4
CE 1	7.3	8.3	8.3	6.7	6.3	7.4
DKS	8.0	8.0	8.3	7.0	5.7	7.4
DP 50-9411	7.0	8.0	9.0	7.7	5.3	7.4
TG 50-9460	7.7	7.7	8.7	7.0	6.0	7.4
NA-SS	7.7	7.7	8.7	6.7	6.0	7.3
ATF-1199	7.3	8.7	8.7	6.7	5.3	7.3
IS-TF-135	8.0	7.0	8.7	7.0	6.0	7.3
LINDBERGH	7.7	7.3	9.0	7.0	5.7	7.3
KZ-1	7.7	9.0	8.3	6.0	5.3	7.3
SILVERADO	7.0	8.3	8.7	6.3	6.0	7.3
JAMBOREE (IS-TF-128)	8.0	6.3	9.0	7.0	5.7	7.2
0312	8.7	7.3	8.3	5.3	6.0	7.1
KY-31	5.7	7.7	8.7	5.3	5.3	6.5
LSD VALUE	1.0	1.4	0.9	1.2	1.7	0.6
C.V. (%)	8.1	10.5	6.4	10.7	16.4	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 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	MEAN
3RD MILLENNIUM SRP	96.7	80.0	68.3	83.3	97.0	99.0	97.3	88.8
GO-1BFD	97.3	85.0	63.3	81.7	93.3	98.7	96.7	88.0
RK 5	96.7	86.7	58.3	81.7	93.3	98.7	97.3	87.5
RK 4	96.3	80.0	61.7	83.3	93.3	98.7	98.0	87.3
SR 8650 (STR-8LMM)	97.7	80.0	65.0	83.3	90.0	98.3	95.7	87.1
WOLFPACK (PST-5WMB)	96.0	80.0	61.7	80.0	93.3	99.0	96.7	86.7
RK 6	95.3	70.0	66.7	85.0	93.3	99.0	97.3	86.7
LINDBERGH	97.7	70.0	68.3	80.0	95.0	98.3	96.3	86.5
PADRE	96.3	83.3	58.3	78.3	96.0	98.0	95.3	86.5
ESSENTIAL (IS-TF-154)	96.3	83.3	58.3	81.7	91.7	99.0	94.3	86.4
AST-2	98.0	73.3	66.7	80.0	93.3	99.0	94.0	86.3
REMBRANDT	95.7	80.0	56.7	83.3	95.7	98.7	93.0	86.1
RHAMBLER SRP (RHAMBLER)	96.0	83.3	58.3	78.3	92.3	98.7	96.0	86.1
TITANIUM LS (MVS-BB-1)	96.3	73.3	61.7	85.0	91.7	98.7	95.3	86.0
ARISTOTLE	96.7	80.0	56.7	83.3	93.3	98.0	93.3	85.9
ATM	97.7	73.3	66.7	76.7	95.0	98.7	93.3	85.9
TURBO	95.3	76.7	58.3	85.0	91.7	99.0	95.3	85.9
MAGELLAN	95.7	76.7	65.0	80.0	88.3	98.7	96.3	85.8
RAD-TF17	95.0	83.3	63.3	76.7	88.3	99.0	95.0	85.8
AST-3	95.0	70.0	65.0	81.7	93.3	99.0	96.3	85.8
GE-1	96.7	76.7	58.3	83.3	92.3	99.0	93.7	85.7
PSG-82BR	97.3	76.7	58.3	78.3	94.3	99.0	95.3	85.6
REBEL IV	97.0	66.7	63.3	83.3	95.0	98.7	95.3	85.6
TRAVERSE SRP (RK-1)	95.7	83.3	56.7	78.3	90.0	98.3	97.0	85.6
KY-31	97.7	63.3	68.3	86.7	91.7	96.3	95.0	85.6
K06-WA	96.0	73.3	60.0	78.3	95.7	98.7	96.7	85.5
MONET (LTP-610 CL)	95.7	76.7	63.3	76.7	91.7	98.7	95.7	85.5
SPEEDWAY (STR-8BPDX)	95.0	73.3	60.0	83.3	91.7	99.0	96.0	85.5
CE 1	96.3	76.7	56.7	81.7	91.7	99.0	96.0	85.4
FALCON IV	96.7	80.0	53.3	76.7	96.0	99.0	95.7	85.3
LS-03	96.7	76.7	55.0	81.7	93.3	99.0	95.0	85.3
BILTMORE	97.0	73.3	58.3	81.7	91.7	98.7	95.7	85.2
ESCALADE	96.7	73.3	65.0	81.7	86.7	98.7	94.3	85.2
IS-TF-138	94.7	80.0	53.3	78.3	95.0	99.0	95.7	85.1
PST-5HP	95.7	73.3	58.3	80.0	91.7	99.0	97.7	85.1
SILVERADO	97.7	70.0	61.7	83.3	90.7	98.7	93.7	85.1
JT-36	95.0	73.3	65.0	76.7	91.7	99.0	94.7	85.0
PSG-TTST	97.0	73.3	56.7	80.0	93.3	98.3	96.7	85.0
MVS-341	96.0	73.3	56.7	80.0	95.7	98.7	94.7	85.0
PSG-TTRH	95.7	73.3	60.0	78.3	95.0	98.3	94.3	85.0
SH 3	95.7	70.0	55.0	85.0	95.0	99.0	95.3	85.0
TALLADEGA (RP 3)	96.3	70.0	60.0	83.3	91.7	99.0	94.7	85.0

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	MEAN
AGGRESSOR (IS-TF-153)	96.3	73.3	56.7	80.0	93.3	98.7	96.3	85.0
JUSTICE	97.3	80.0	55.0	78.3	90.0	99.0	94.7	84.9
JT-41	96.3	73.3	60.0	76.7	95.0	99.0	93.7	84.9
RP 2	94.3	70.0	65.0	76.7	91.7	99.0	97.3	84.9
IS-TF-152	95.3	66.7	60.0	80.0	96.0	99.0	96.7	84.8
MVS-1107	97.3	73.3	55.0	81.7	93.3	98.7	94.3	84.8
PSG-RNDR	96.0	80.0	51.7	83.3	90.0	99.0	93.7	84.8
COL-J	96.3	70.0	60.0	81.7	91.7	98.7	95.0	84.8
NA-BT-1	95.7	73.3	55.0	80.0	93.3	99.0	97.0	84.8
KZ-2	94.0	76.7	55.0	80.0	93.3	99.0	94.3	84.6
AST 7003	96.7	73.3	55.0	78.3	95.0	99.0	94.7	84.6
EINSTEIN	97.0	73.3	53.3	80.0	93.3	98.3	96.3	84.5
JAMBOREE (IS-TF-128)	95.3	65.0	61.7	80.0	93.3	99.0	97.3	84.5
JT-42	96.3	60.0	70.0	80.0	91.7	99.0	94.3	84.5
FIRENZA	95.3	63.3	65.0	76.7	95.0	99.0	97.0	84.5
IS-TF-159	96.3	76.7	55.0	80.0	91.7	98.7	92.7	84.4
DP 50-9440	96.3	70.0	56.7	80.0	93.3	99.0	95.3	84.4
ROCKET (IS-TF-147)	96.0	73.3	56.7	78.3	91.7	99.0	95.7	84.4
TULSA TIME (TULSA III)	96.3	70.0	61.7	76.7	91.7	99.0	95.3	84.4
PLATO	97.3	66.7	58.3	78.3	95.0	98.7	96.0	84.3
SC-1	95.7	73.3	53.3	80.0	93.3	98.7	96.0	84.3
TURBO RZ (BURL-TF8)	95.7	76.7	58.3	76.7	90.0	98.7	94.0	84.3
AST-1	96.3	73.3	55.0	80.0	91.7	99.0	94.3	84.2
J-140	96.3	70.0	53.3	80.0	95.0	99.0	96.0	84.2
BULLSEYE	96.0	66.7	61.7	78.3	93.3	99.0	94.3	84.2
MUSTANG 4 (M4)	95.7	73.3	58.3	78.3	91.7	99.0	93.0	84.2
DP 50-9411	95.0	70.0	55.0	83.3	93.3	99.0	93.7	84.2
VAN GOGH (LTP-RK2)	96.0	70.0	53.3	85.0	91.7	98.3	94.3	84.1
06-DUST	96.7	73.3	56.7	75.0	91.7	99.0	96.3	84.1
DP 50-9407	95.3	63.3	60.0	81.7	93.3	99.0	94.7	83.9
AST 7002	96.7	73.3	50.0	78.3	93.3	99.0	96.3	83.9
SKYLINE	96.0	76.7	51.7	73.3	93.3	98.7	97.3	83.9
TG 50-9460	96.0	63.3	58.3	81.7	93.3	99.0	95.3	83.9
TOCCOA (IS-TF-151)	95.7	73.3	56.7	76.7	95.0	99.0	90.7	83.9
DKS	95.7	75.0	51.7	76.7	93.3	98.7	95.3	83.8
FAT CAT (IS-TF-161)	94.7	65.0	58.3	83.3	93.3	99.0	92.7	83.8
AST 7001	95.7	70.0	55.0	76.7	93.3	99.0	96.0	83.7
COL-M	94.7	75.0	55.0	75.0	95.0	98.0	93.0	83.7
NA-SS	93.7	66.7	60.0	83.3	91.7	99.0	91.3	83.7
ATF 1328	96.7	66.7	53.3	83.3	90.0	99.0	96.3	83.6
BAR FA 6363	96.0	70.0	55.0	80.0	91.7	98.7	94.0	83.6
GWTF	94.7	70.0	53.3	75.0	96.0	98.7	97.0	83.5

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	MEAN
RKCL	97.0	63.3	61.7	76.7	91.7	98.7	95.7	83.5
BGR-TF1	94.3	70.0	51.7	80.0	93.3	99.0	96.0	83.5
LS-06	94.7	73.3	51.7	80.0	90.0	99.0	95.3	83.4
RNP	95.3	73.3	51.7	78.3	91.7	99.0	94.7	83.4
JT-33	96.7	66.7	61.7	76.7	91.7	98.7	91.7	83.4
J-130	95.0	73.3	50.0	81.7	91.7	99.0	92.7	83.3
PSG-85QR	96.7	66.7	55.0	81.7	90.0	99.0	94.3	83.3
STR-8BB5	96.0	65.0	58.3	83.3	88.3	99.0	93.3	83.3
HEMI	97.3	70.0	50.0	81.7	90.0	99.0	94.7	83.2
ATF 1247	95.3	70.0	55.0	78.3	92.3	99.0	92.3	83.2
JT-45	95.7	63.3	61.7	80.0	90.0	99.0	92.7	83.2
ATF-1199	96.3	66.7	53.3	81.7	90.7	99.0	94.3	83.1
DARLINGTON (CS-TF1)	93.3	73.3	50.0	80.0	93.3	99.0	92.3	83.0
FIRECRACKER LS (MVS-MST)	96.3	66.7	51.7	78.3	93.3	99.0	96.0	83.0
HUNTER	94.3	66.7	51.7	81.7	94.3	99.0	93.7	83.0
BAR FA 6253	95.0	63.3	53.3	81.7	95.0	98.7	94.0	83.0
TAHOE II	94.7	70.0	55.0	78.3	92.7	98.0	92.3	83.0
0312	96.7	73.3	50.0	76.7	93.3	99.0	91.3	82.9
COL-1	95.7	70.0	50.0	75.0	91.7	98.7	97.3	82.6
CEZANNE RZ (LTP-CRL)	95.7	66.7	50.0	76.7	93.3	98.3	97.3	82.6
AST-4	94.0	73.3	48.3	76.7	93.3	99.0	93.0	82.5
STR-8GRQR	96.7	66.7	51.7	76.7	90.0	98.7	97.0	82.5
RAPTOR II (MVS-TF-158)	94.0	70.0	48.3	78.3	93.3	99.0	93.7	82.4
BGR-TF2	95.7	63.3	48.3	80.0	95.0	99.0	95.0	82.3
LS-11	95.7	66.7	58.3	78.3	86.7	99.0	91.7	82.3
KZ-1	94.7	63.3	60.0	75.0	90.0	99.0	94.0	82.3
06-WALK	95.3	66.7	46.7	78.3	91.7	98.7	96.3	82.0
SPYDER LS (Z-2000)	96.0	56.7	55.0	80.0	90.0	99.0	96.7	81.9
IS-TF-135	96.3	56.7	53.3	75.0	95.0	99.0	94.7	81.4
LSD VALUE	2.2	14.1	11.9	7.9	4.8	0.7	5.0	3.0
C.V. (%)	1.4	11.9	12.9	6.2	3.2	0.4	3.3	5.8

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

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

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	TN1	MEAN
K06-WA	94.0	86.7	88.3	92.7	90.4
RK 5	91.0	90.0	90.0	90.7	90.4
TRAVERSE SRP (RK-1)	94.3	86.7	85.0	93.0	89.8
GO-1BFD	88.3	92.5	86.7	90.3	89.5
3RD MILLENNIUM SRP	90.3	83.3	91.7	91.3	89.2
CE 1	94.3	80.0	90.0	91.0	88.8
RHAMBLER SRP (RHAMBLER)	94.3	83.3	85.0	92.7	88.8
GE-1	95.0	83.3	85.0	91.3	88.7
JUSTICE	94.0	83.3	86.7	90.0	88.5
WOLFPACK (PST-5WMB)	90.0	85.0	86.7	91.7	88.3
PADRE	92.0	90.0	81.7	89.0	88.2
FALCON IV	93.3	86.7	80.0	91.7	87.9
MUSTANG 4 (M4)	95.3	76.7	86.7	92.7	87.8
RK 6	90.7	80.0	88.3	92.3	87.8
ARISTOTLE	89.3	90.0	81.7	90.0	87.8
TURBO RZ (BURL-TF8)	91.0	83.3	85.0	91.3	87.7
REMBRANDT	91.0	83.3	85.0	91.0	87.6
AGGRESSOR (IS-TF-153)	92.7	80.0	85.0	92.0	87.4
SC-1	94.7	80.0	83.3	91.3	87.3
BILTMORE	93.3	76.7	88.3	90.7	87.3
PSG-TTRH	90.0	80.0	88.3	90.7	87.3
AST-2	87.0	83.3	88.3	90.3	87.3
ESSENTIAL (IS-TF-154)	92.0	83.3	83.3	90.3	87.3
RAD-TF17	88.7	83.3	86.7	90.0	87.2
SR 8650 (STR-8LMM)	93.0	83.3	81.7	90.7	87.2
TURBO	94.7	76.7	85.0	92.0	87.1
SPEEDWAY (STR-8BPDX)	96.0	73.3	86.7	92.0	87.0
TITANIUM LS (MVS-BB-1)	92.7	76.7	88.3	90.0	86.9
PST-5HP	93.3	73.3	88.3	92.3	86.8
REBEL IV	89.7	76.7	90.0	90.3	86.7
MONET (LTP-610 CL)	83.7	83.3	88.3	91.3	86.7
MAGELLAN	94.0	76.7	86.7	89.0	86.6
SH 3	92.7	80.0	81.7	92.0	86.6
RP 2	88.7	76.7	88.3	91.7	86.3
IS-TF-159	90.3	83.3	80.0	91.7	86.3
PSG-82BR	88.3	83.3	81.7	91.7	86.3
ATM	91.3	73.3	88.3	91.7	86.2
JAMBOREE (IS-TF-128)	93.3	75.0	85.0	91.3	86.2
COL-J	91.7	76.7	85.0	91.0	86.1
ATF 1247	90.3	80.0	83.3	90.7	86.1
ESCALADE	89.7	76.7	86.7	91.3	86.1
IS-TF-138	93.3	83.3	76.7	91.0	86.1

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	TN1	MEAN
PSG-RNDR	93.7	83.3	75.0	92.0	86.0
06-DUST	87.0	83.3	83.3	90.0	85.9
AST-3	86.0	80.0	86.7	90.7	85.8
GWTF	92.7	76.7	83.3	90.7	85.8
HEMI	91.7	76.7	83.3	91.7	85.8
EINSTEIN	90.7	83.3	81.7	87.3	85.8
KY-31	93.3	75.0	85.0	89.3	85.7
PSG-85QR	91.3	76.7	83.3	91.3	85.7
RK 4	83.7	86.7	81.7	90.3	85.6
LINDBERGH	89.3	75.0	86.7	91.0	85.5
ATF-1199	91.7	76.7	81.7	91.0	85.3
JT-33	92.3	73.3	83.3	91.7	85.2
BULLSEYE	91.7	73.3	83.3	92.3	85.2
TAHOE II	93.7	73.3	81.7	90.7	84.8
VAN GOGH (LTP-RK2)	91.3	73.3	83.3	91.3	84.8
J-140	88.3	80.0	80.0	90.7	84.8
RAPTOR II (MVS-TF-158)	88.0	80.0	80.0	91.0	84.8
PLATO	89.7	73.3	86.7	89.0	84.7
TOCCOA (IS-TF-151)	92.7	73.3	80.0	92.7	84.7
SKYLINE	86.0	80.0	81.7	90.7	84.6
ROCKET (IS-TF-147)	82.3	80.0	85.0	91.0	84.6
COL-M	92.0	85.0	70.0	91.0	84.5
NA-BT-1	91.3	73.3	81.7	91.7	84.5
BAR FA 6253	88.7	70.0	88.3	90.3	84.3
FIRENZA	93.7	70.0	83.3	90.3	84.3
PSG-TTST	89.3	73.3	83.3	91.3	84.3
SPYDER LS (Z-2000)	94.0	66.7	85.0	91.3	84.3
KZ-1	92.0	70.0	83.3	91.3	84.2
TALLADEGA (RP 3)	92.0	70.0	83.3	91.3	84.2
TG 50-9460	88.0	73.3	85.0	90.3	84.2
DARLINGTON (CS-TF1)	91.3	76.7	76.7	91.3	84.0
J-130	94.0	80.0	71.7	90.3	84.0
IS-TF-152	89.3	73.3	81.7	91.0	83.8
JT-41	84.3	73.3	86.7	91.0	83.8
MVS-341	90.7	80.0	73.3	91.3	83.8
JT-36	89.0	73.3	81.7	91.0	83.8
MVS-1107	88.3	73.3	81.7	91.3	83.7
BGR-TF2	93.0	73.3	76.7	91.3	83.6
NA-SS	84.7	73.3	83.3	92.3	83.4
COL-1	87.3	73.3	81.7	91.0	83.3
RKCL	84.0	73.3	83.3	92.7	83.3
AST 7003	88.7	73.3	80.0	91.0	83.3

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	TN1	MEAN
JT-42	90.7	63.3	88.3	90.3	83.2
AST 7002	88.3	76.7	76.7	90.7	83.1
DP 50-9407	93.3	63.3	85.0	90.7	83.1
DP 50-9411	89.7	70.0	83.3	89.3	83.1
LS-06	86.0	76.7	80.0	89.3	83.0
RNP	82.3	80.0	78.3	91.3	83.0
STR-8BB5	83.7	70.0	86.7	91.3	82.9
KZ-2	77.0	83.3	80.0	91.3	82.9
FIRECRACKER LS (MVS-MST)	89.7	70.0	80.0	91.0	82.7
JT-45	87.7	66.7	85.0	91.0	82.6
FAT CAT (IS-TF-161)	95.0	66.7	75.0	92.3	82.3
HUNTER	79.7	76.7	81.7	90.7	82.2
TULSA TIME (TULSA III)	87.7	66.7	83.3	91.0	82.2
SILVERADO	75.7	76.7	86.7	89.0	82.0
AST-4	84.0	73.3	78.3	91.7	81.8
CEZANNE RZ (LTP-CRL)	85.7	76.7	73.3	91.3	81.8
STR-8GRQR	87.3	70.0	78.3	91.3	81.8
06-WALK	83.3	76.7	75.0	91.7	81.7
DP 50-9440	80.0	70.0	85.0	91.3	81.6
IS-TF-135	91.3	63.3	80.0	91.3	81.5
LS-03	85.7	76.7	71.7	91.3	81.3
LS-11	84.7	70.0	80.0	90.3	81.3
BAR FA 6363	88.3	73.3	70.0	91.3	80.8
AST-1	83.7	76.7	71.7	89.3	80.3
ATF 1328	92.7	73.3	65.0	90.3	80.3
0312	81.3	73.3	73.3	92.0	80.0
BGR-TF1	84.7	73.3	68.3	92.0	79.6
AST 7001	87.7	73.3	66.7	90.3	79.5
DKS	80.0	75.0	66.7	91.0	78.2
LSD VALUE	11.0	13.9	12.3	2.5	5.4
C.V. (%)	7.6	11.0	9.3	1.7	7.9

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

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

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	MO1	TN1	MEAN
3RD MILLENNIUM SRP	91.0	96.0	98.7	50.0	94.7	86.1
WOLFPACK (PST-5WMB)	93.7	94.5	95.7	46.7	95.3	85.2
FALCON IV	94.0	99.0	97.0	41.7	93.0	84.9
PSG-TTRH	92.0	99.0	96.7	45.0	92.0	84.9
RK 5	93.0	99.0	98.0	40.0	93.7	84.7
PADRE	91.3	99.0	97.0	41.7	93.0	84.4
RK 4	88.7	96.0	97.7	45.0	94.0	84.3
06-DUST	89.7	96.0	96.3	43.3	93.7	83.8
AST-2	91.3	99.0	96.7	36.7	94.0	83.5
NA-BT-1	94.3	96.0	96.7	35.0	95.7	83.5
MVS-341	90.7	96.0	95.7	43.3	91.7	83.5
AST 7002	92.0	96.0	97.0	36.7	93.0	82.9
EINSTEIN	93.0	96.0	98.3	36.7	90.7	82.9
GE-1	94.0	99.0	97.0	30.0	94.7	82.9
PLATO	91.3	92.7	98.0	41.7	91.0	82.9
K06-WA	93.3	92.7	98.3	35.0	95.3	82.9
MAGELLAN	92.3	93.0	98.3	38.3	92.7	82.9
ESCALADE	92.3	89.7	96.7	41.7	93.7	82.8
REBEL IV	91.3	96.0	98.3	36.7	91.7	82.8
SKYLINE	92.3	96.0	94.0	38.3	93.3	82.8
PSG-TTST	89.0	96.0	97.0	36.7	95.0	82.7
SC-1	84.3	96.0	98.0	41.7	93.7	82.7
ESSENTIAL (IS-TF-154)	92.3	97.7	97.3	33.3	92.3	82.6
TITANIUM LS (MVS-BB-1)	91.0	96.0	97.0	35.0	94.0	82.6
TG 50-9460	90.7	96.0	97.7	33.3	94.3	82.4
ARISTOTLE	90.7	99.0	96.0	36.7	89.3	82.3
TRAVERSE SRP (RK-1)	88.0	96.0	94.3	38.3	94.7	82.3
DP 50-9407	93.3	90.0	97.0	40.0	90.7	82.2
MONET (LTP-610 CL)	85.7	99.0	97.7	33.3	94.7	82.1
RK 6	93.0	90.0	97.7	33.3	96.3	82.1
FIRENZA	93.0	86.3	97.7	40.0	92.7	81.9
ATM	87.3	93.0	96.7	38.3	94.3	81.9
SPEEDWAY (STR-8BPDX)	93.0	96.0	95.0	31.7	93.7	81.9
RHAMBLER SRP (RHAMBLER)	91.3	93.0	98.0	31.7	95.3	81.9
BGR-TF2	92.3	83.3	96.3	43.3	93.3	81.7
RNP	89.7	89.7	95.7	40.0	93.3	81.7
BAR FA 6253	93.0	89.7	95.3	36.7	93.3	81.6
SR 8650 (STR-8LMM)	92.3	93.0	96.7	33.3	92.7	81.6
PSG-85QR	93.0	89.7	96.7	33.3	93.7	81.3
RKCL	87.0	86.3	97.7	41.7	93.7	81.3
IS-TF-152	93.0	90.0	96.0	31.7	95.3	81.2
JAMBOREE (IS-TF-128)	92.0	90.0	96.7	31.7	95.3	81.1

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	MO1	TN1	MEAN
REMBRANDT	92.3	96.0	96.0	26.7	94.7	81.1
JT-33	91.7	93.0	96.7	31.7	92.3	81.1
CE 1	93.0	96.0	95.3	26.7	94.3	81.1
JUSTICE	84.7	99.0	98.0	31.7	91.7	81.0
IS-TF-159	92.7	96.0	95.3	26.7	94.0	80.9
KY-31	91.7	86.3	97.7	36.7	92.3	80.9
RP 2	92.3	86.7	96.3	35.0	94.3	80.9
DP 50-9411	91.0	86.7	97.7	38.3	90.7	80.9
AST-4	88.3	91.7	96.0	35.0	93.0	80.8
TALLADEGA (RP 3)	93.0	89.7	93.3	35.0	93.0	80.8
VAN GOGH (LTP-RK2)	90.0	89.7	95.7	33.3	95.0	80.7
PSG-82BR	87.0	96.0	95.0	33.3	92.3	80.7
SH 3	82.7	94.5	98.3	33.3	94.7	80.7
PST-5HP	93.7	83.3	96.7	35.0	94.7	80.7
AST 7003	86.3	93.0	95.3	35.0	93.7	80.7
BILTMORE	93.0	89.7	96.7	31.7	92.0	80.6
RAPTOR II (MVS-TF-158)	93.0	89.7	96.7	31.7	92.0	80.6
CEZANNE RZ (LTP-CRL)	92.3	93.0	95.7	26.7	95.3	80.6
IS-TF-138	94.0	93.0	96.0	26.7	93.3	80.6
ROCKET (IS-TF-147)	89.3	96.0	95.0	28.3	94.3	80.6
KZ-2	86.0	96.0	94.0	33.3	93.3	80.5
BULLSEYE	92.7	86.7	97.0	30.0	96.0	80.5
MUSTANG 4 (M4)	92.7	93.0	94.0	26.7	96.0	80.5
TURBO RZ (BURL-TF8)	87.0	99.0	95.7	28.3	92.3	80.5
ATF 1247	93.0	93.0	95.0	30.0	91.0	80.4
PSG-RNDR	93.7	93.0	91.7	31.7	92.0	80.4
RAD-TF17	89.0	96.0	94.7	30.0	92.3	80.4
STR-8BB5	90.0	85.0	95.7	36.7	94.7	80.4
STR-8GRQR	93.7	86.3	95.3	33.3	93.3	80.4
FIRECRACKER LS (MVS-MST)	88.7	93.0	93.7	31.7	94.7	80.3
ATF 1328	90.7	93.0	95.0	30.0	92.7	80.3
HEMI	86.3	92.7	96.0	33.3	93.0	80.3
AGGRESSOR (IS-TF-153)	93.0	93.0	94.7	26.7	93.7	80.2
GWTF	92.3	89.7	94.0	31.7	93.3	80.2
06-WALK	89.7	96.0	92.3	30.0	92.7	80.1
HUNTER	85.7	89.7	94.3	38.3	92.7	80.1
COL-1	88.3	93.0	95.3	28.3	95.3	80.1
FAT CAT (IS-TF-161)	93.0	86.3	95.3	31.7	93.7	80.0
BAR FA 6363	94.0	86.3	95.3	30.0	94.0	79.9
MVS-1107	93.3	89.7	94.3	30.0	92.0	79.9
JT-41	89.3	90.0	97.0	31.7	91.0	79.8
J-130	90.0	93.0	95.3	28.3	92.3	79.8

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	MO1	TN1	MEAN
DP 50-9440	84.0	93.0	96.7	30.0	95.0	79.7
LS-03	80.3	96.0	96.3	33.3	92.7	79.7
LINDBERGH	83.0	73.0	98.7	50.0	93.7	79.7
TURBO	91.0	93.0	95.7	23.3	95.3	79.7
AST 7001	88.7	90.0	96.7	28.3	93.0	79.3
BGR-TF1	89.3	86.7	95.0	31.7	94.0	79.3
COL-J	90.0	93.0	95.3	25.0	93.0	79.3
LS-06	90.0	93.0	95.0	25.0	93.3	79.3
NA-SS	92.7	86.7	92.3	31.7	92.7	79.2
TOCCOA (IS-TF-151)	93.7	86.7	94.0	30.0	91.7	79.2
TAHOE II	92.3	86.7	94.0	33.3	89.7	79.2
LS-11	90.7	96.0	95.3	20.0	92.0	78.8
SILVERADO	72.0	99.0	96.0	35.0	91.7	78.7
AST-3	91.0	76.3	95.7	36.7	93.7	78.7
IS-TF-135	91.0	80.0	96.0	33.3	93.0	78.7
KZ-1	91.3	90.0	93.3	26.7	92.0	78.7
J-140	83.0	90.0	97.7	28.3	94.0	78.6
TULSA TIME (TULSA III)	92.0	83.3	94.3	30.0	93.0	78.5
DARLINGTON (CS-TF1)	90.7	93.0	93.0	23.3	92.0	78.4
JT-42	91.7	80.0	96.7	30.0	93.7	78.4
AST-1	89.0	88.0	94.7	26.7	92.7	78.2
0312	87.3	91.3	93.7	25.7	92.7	78.1
COL-M	92.7	79.3	94.7	31.7	92.3	78.1
ATF-1199	93.0	79.7	95.7	30.0	92.0	78.1
JT-45	92.0	83.3	95.3	26.7	92.7	78.0
JT-36	89.3	86.7	94.7	23.3	93.0	77.4
DKS	87.0	79.7	94.7	33.3	92.0	77.3
SPYDER LS (Z-2000)	92.0	76.7	97.3	26.7	93.7	77.3
GO-1BFD	86.0	79.3	93.7	30.0	94.0	76.6
LSD VALUE	8.4	15.8	3.2	14.2	3.4	4.6
C.V. (%)	5.8	10.6	2.1	26.4	2.3	8.0

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

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

TABLE 24. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	GA1	PA1	TN1	WA3	MEAN
KZ-2	7.0	6.0	7.3	7.3	5.0	6.5
HUNTER	7.0	5.3	7.0	7.3	5.7	6.5
0312	7.0	5.7	7.3	6.7	5.3	6.4
ATF 1328	7.0	5.3	7.0	7.3	5.3	6.4
SR 8650 (STR-8LMM)	7.0	6.0	6.3	7.3	5.3	6.4
TOCCOA (IS-TF-151)	7.0	5.7	6.7	7.0	5.3	6.3
COL-M	7.0	6.0	6.3	7.0	5.0	6.3
DKS	7.0	5.5	6.7	7.0	5.0	6.2
DP 50-9411	7.0	5.0	6.0	7.0	6.0	6.2
GE-1	7.0	6.0	5.7	6.0	6.3	6.2
GWTF	7.0	5.3	7.3	6.7	4.7	6.2
SC-1	7.0	5.7	6.3	6.7	5.3	6.2
RNP	7.0	5.7	6.7	6.7	4.7	6.1
AGGRESSOR (IS-TF-153)	7.0	5.7	6.7	6.3	5.0	6.1
AST 7003	7.0	5.3	6.7	7.0	4.7	6.1
COL-J	7.0	5.7	6.7	7.3	4.0	6.1
RAD-TF17	7.0	5.7	7.0	6.7	4.3	6.1
AST-2	7.0	5.3	7.0	7.0	4.3	6.1
COL-1	7.0	5.3	6.3	7.0	5.0	6.1
DARLINGTON (CS-TF1)	7.0	5.3	7.3	6.3	4.7	6.1
FAT CAT (IS-TF-161)	7.0	5.0	7.3	6.0	5.3	6.1
J-130	7.0	5.3	6.0	7.0	5.3	6.1
JT-36	7.0	5.3	7.0	6.3	5.0	6.1
LS-11	7.0	5.3	7.0	7.0	4.3	6.1
BGR-TF1	7.0	5.7	6.7	6.3	4.7	6.1
IS-TF-138	7.0	5.0	6.7	6.7	5.0	6.1
MUSTANG 4 (M4)	7.0	5.7	6.3	6.7	4.7	6.1
AST-1	7.0	5.7	7.0	6.3	4.3	6.1
BGR-TF2	7.0	5.3	7.0	6.7	4.3	6.1
CEZANNE RZ (LTP-CRL)	7.0	5.7	6.0	6.3	5.3	6.1
DP 50-9407	7.0	5.0	6.3	6.7	5.3	6.1
EINSTEIN	7.0	5.3	6.0	6.7	5.3	6.1
IS-TF-152	7.0	5.3	7.0	6.7	4.3	6.1
KO6-WA	7.0	5.7	6.3	6.0	5.3	6.1
ROCKET (IS-TF-147)	7.0	5.0	6.0	7.3	5.0	6.1
TURBO RZ (BURL-TF8)	7.0	5.3	6.3	6.3	5.3	6.1
AST-3	7.0	5.5	7.0	6.7	4.0	6.0
RK 6	7.0	5.5	6.3	7.0	4.3	6.0
STR-8BB5	7.0	5.5	6.0	6.3	5.3	6.0
06-DUST	7.0	5.7	6.0	6.0	5.3	6.0
3RD MILLENNIUM SRP	7.0	5.7	6.3	6.3	4.7	6.0

TABLE 24. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	CA3	GA1	PA1	TN1	WA3	MEAN
AST 7001	7.0	5.3	7.0	6.7	4.0	6.0
AST 7002	7.0	5.3	7.0	6.0	4.7	6.0
ATM	7.0	5.3	6.0	6.0	5.7	6.0
ESCALADE	7.0	5.7	6.0	6.0	5.3	6.0
FIRECRACKER LS (MVS-MST)	7.0	5.0	6.0	6.7	5.3	6.0
JAMBOREE (IS-TF-128)	7.0	6.0	6.3	6.7	4.0	6.0
KZ-1	7.0	5.3	6.7	6.0	5.0	6.0
LS-06	7.0	5.7	6.7	6.3	4.3	6.0
MVS-341	7.0	6.0	6.0	6.3	4.7	6.0
RK 5	7.0	5.7	6.3	6.3	4.7	6.0
SPYDER LS (Z-2000)	7.0	5.0	6.3	7.3	4.3	6.0
LINDBERGH	7.0	5.5	5.7	6.3	5.3	6.0
FALCON IV	7.0	6.0	5.7	6.0	5.0	5.9
JUSTICE	7.0	6.0	5.7	5.7	5.3	5.9
MONET (LTP-610 CL)	7.0	6.0	5.7	6.0	5.0	5.9
WOLFPACK (PST-5WMB)	7.0	6.0	5.7	5.7	5.3	5.9
RK 4	7.0	5.7	6.0	6.7	4.3	5.9
TULSA TIME (TULSA III)	7.0	4.7	6.7	6.3	5.0	5.9
TURBO	7.0	5.3	6.0	5.7	5.7	5.9
BAR FA 6253	7.0	5.3	6.3	5.7	5.3	5.9
BILTMORE	7.0	5.3	6.0	6.0	5.3	5.9
IS-TF-159	7.0	5.3	6.7	6.3	4.3	5.9
JT-33	7.0	5.3	7.0	6.3	4.0	5.9
LS-03	7.0	5.3	6.7	6.3	4.3	5.9
TG 50-9460	7.0	5.3	6.0	6.3	5.0	5.9
VAN GOGH (LTP-RK2)	7.0	5.3	6.0	6.3	5.0	5.9
SH 3	7.0	5.5	6.0	6.0	5.0	5.9
BAR FA 6363	7.0	4.7	7.0	7.0	3.7	5.9
CE 1	7.0	5.7	5.7	6.0	5.0	5.9
HEMI	7.0	5.0	6.0	6.7	4.7	5.9
O6-WALK	7.0	5.3	6.0	6.0	5.0	5.9
RAPTOR II (MVS-TF-158)	7.0	5.0	6.3	6.7	4.3	5.9
RKCL	7.0	5.0	6.3	6.3	4.7	5.9
SKYLINE	7.0	5.0	6.0	6.0	5.3	5.9
STR-8GRQR	7.0	5.3	6.0	6.3	4.7	5.9
IS-TF-135	7.0	4.7	6.7	6.7	4.0	5.8
PSG-85QR	7.0	5.7	6.0	6.7	3.7	5.8
AST-4	7.0	5.3	6.3	6.7	3.7	5.8
FIRENZA	7.0	4.7	6.0	6.0	5.3	5.8
JT-41	7.0	6.0	6.0	5.7	4.3	5.8
JT-45	7.0	5.0	6.3	6.0	4.7	5.8
REMBRANDT	7.0	5.3	5.7	5.7	5.3	5.8

TABLE 24. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	CA3	GA1	PA1	TN1	WA3	MEAN
RP 2	7.0	5.3	6.0	6.0	4.7	5.8
ARISTOTLE	7.0	5.3	5.3	6.0	5.3	5.8
PSG-RNDR	7.0	5.3	6.3	6.0	4.3	5.8
PSG-TTRH	7.0	5.3	6.0	6.3	4.3	5.8
GO-1BFD	7.0	5.5	5.3	6.0	5.0	5.8
PST-5HP	7.0	4.7	5.7	6.7	4.7	5.7
MVS-1107	7.0	5.0	5.7	6.0	5.0	5.7
NA-BT-1	7.0	5.0	6.0	5.7	5.0	5.7
NA-SS	7.0	5.0	6.0	6.7	4.0	5.7
PADRE	7.0	5.7	5.3	5.3	5.3	5.7
REBEL IV	7.0	5.3	5.3	6.0	5.0	5.7
RHAMBLER SRP (RHAMBLER)	7.0	5.3	5.3	6.3	4.7	5.7
TALLADEGA (RP 3)	7.0	5.0	6.0	6.3	4.3	5.7
TITANIUM LS (MVS-BB-1)	6.3	5.0	5.7	6.3	5.3	5.7
BULLSEYE	7.0	5.0	5.7	6.0	4.7	5.7
ATF 1247	7.0	5.0	6.0	6.0	4.3	5.7
ATF-1199	7.0	5.0	6.3	6.0	4.0	5.7
DP 50-9440	7.0	5.0	6.3	6.0	4.0	5.7
J-140	7.0	5.3	6.0	5.7	4.3	5.7
ESSENTIAL (IS-TF-154)	7.0	5.3	5.3	6.0	4.3	5.6
MAGELLAN	7.0	5.0	5.7	6.3	4.0	5.6
PLATO	7.0	5.0	5.7	5.3	5.0	5.6
PSG-82BR	7.0	5.3	6.0	5.3	4.3	5.6
SPEEDWAY (STR-8BPDX)	7.0	5.7	6.0	5.3	4.0	5.6
TAHOE II	7.0	4.7	6.0	6.0	4.3	5.6
JT-42	7.0	4.7	5.7	6.3	4.0	5.5
TRAVERSE SRP (RK-1)	7.0	5.3	6.0	5.3	4.0	5.5
PSG-TTST	7.0	4.7	4.7	6.3	4.7	5.5
SILVERADO	6.0	5.7	4.3	5.3	4.0	5.1
KY-31	5.7	4.3	3.3	4.7	5.0	4.6
LSD VALUE	0.2	1.1	0.9	1.3	1.1	0.5
C.V. (%)	2.2	12.7	8.6	13.0	14.9	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 25. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3	TX1	MEAN	NAME	CA3	TX1	MEAN
MONET (LTP-610 CL)	7.0	7.0	7.0	3RD MILLENNIUM SRP	7.0	5.0	6.0
VAN GOGH (LTP-RK2)	7.0	6.7	6.8	AST-3	7.0	5.0	6.0
ATM	7.0	6.3	6.7	ATF-1199	6.0	6.0	6.0
CEZANNE RZ (LTP-CRL)	7.0	6.3	6.7	BGR-TF2	7.0	5.0	6.0
IS-TF-152	7.0	6.3	6.7	DKS	7.0	5.0	6.0
ROCKET (IS-TF-147)	7.0	6.3	6.7	ESSENTIAL (IS-TF-154)	7.0	5.0	6.0
BAR FA 6363	7.0	6.0	6.5	FAT CAT (IS-TF-161)	7.0	5.0	6.0
DP 50-9440	7.0	6.0	6.5	JT-36	7.0	5.0	6.0
IS-TF-138	6.0	7.0	6.5	PLATO	7.0	5.0	6.0
K06-WA	7.0	6.0	6.5	PSG-RNDR	7.0	5.0	6.0
MUSTANG 4 (M4)	7.0	6.0	6.5	RK 4	7.0	5.0	6.0
WOLFPACK (PST-5WMB)	7.0	6.0	6.5	RKCL	7.0	5.0	6.0
SR 8650 (STR-8LMM)	7.0	6.0	6.5	SILVERADO	7.0	5.0	6.0
AGGRESSOR (IS-TF-153)	7.0	5.7	6.3	SPEEDWAY (STR-8BPDX)	7.0	5.0	6.0
ATF 1328	7.0	5.7	6.3	TAHOE II	7.0	5.0	6.0
DP 50-9407	7.0	5.7	6.3	TALLADEGA (RP 3)	7.0	5.0	6.0
FALCON IV	7.0	5.7	6.3	TITANIUM LS (MVS-BB-1)	7.0	5.0	6.0
FIRENZA	7.0	5.7	6.3	TURBO RZ (BURL-TF8)	7.0	5.0	6.0
IS-TF-159	7.0	5.7	6.3	06-DUST	7.0	4.7	5.8
J-140	7.0	5.7	6.3	06-WALK	7.0	4.7	5.8
JAMBOREE (IS-TF-128)	7.0	5.7	6.3	BAR FA 6253	7.0	4.7	5.8
JT-42	7.0	5.7	6.3	BILTMORE	7.0	4.7	5.8
MAGELLAN	7.0	5.7	6.3	DARLINGTON (CS-TF1)	7.0	4.7	5.8
NA-BT-1	7.0	5.7	6.3	DP 50-9411	7.0	4.7	5.8
PSG-TTST	7.0	5.7	6.3	ESCALADE	7.0	4.7	5.8
SC-1	7.0	5.7	6.3	GWTF	7.0	4.7	5.8
STR-8GRQR	7.0	5.7	6.3	HEMI	6.0	5.7	5.8
TURBO	7.0	5.7	6.3	PST-5HP	7.0	4.7	5.8
RHAMBLER SRP (RHAMBLER)	6.3	6.3	6.3	RAD-TF17	7.0	4.7	5.8
ATF 1247	7.0	5.3	6.2	REMBRANDT	7.0	4.7	5.8
CE 1	7.0	5.3	6.2	RK 5	6.0	5.7	5.8
FIRECRACKER LS (MVS-MST)	7.0	5.3	6.2	RK 6	7.0	4.7	5.8
GE-1	7.0	5.3	6.2	SH 3	7.0	4.7	5.8
GO-1BFD	7.0	5.3	6.2	STR-8BB5	7.0	4.7	5.8
JT-33	7.0	5.3	6.2	TOCCOA (IS-TF-151)	7.0	4.7	5.8
LINDBERGH	7.0	5.3	6.2	RAPTOR II (MVS-TF-158)	6.3	5.3	5.8
MVS-341	6.3	6.0	6.2	ARISTOTLE	7.0	4.3	5.7
NA-SS	7.0	5.3	6.2	AST 7001	7.0	4.3	5.7
PSG-82BR	7.0	5.3	6.2	BGR-TF1	6.0	5.3	5.7
SPYDER LS (Z-2000)	7.0	5.3	6.2	BULLSEYE	6.3	5.0	5.7
TG 50-9460	7.0	5.3	6.2	EINSTEIN	6.3	5.0	5.7
				JT-41	7.0	4.3	5.7

TABLE 25. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	CA3	TX1	MEAN
JT-45	7.0	4.3	5.7
KZ-1	7.0	4.3	5.7
KZ-2	7.0	4.3	5.7
LS-03	7.0	4.3	5.7
LS-11	7.0	4.3	5.7
MVS-1107	7.0	4.3	5.7
PSG-85QR	7.0	4.3	5.7
PSG-TTRH	7.0	4.3	5.7
TULSA TIME (TULSA III)	7.0	4.3	5.7
AST 7002	7.0	4.0	5.5
COL-M	7.0	4.0	5.5
PADRE	6.3	4.7	5.5
REBEL IV	6.3	4.7	5.5
RP 2	5.3	5.7	5.5
SKYLINE	6.3	4.7	5.5
J-130	6.0	4.7	5.3
TRAVERSE SRP (RK-1)	5.7	5.0	5.3
AST-4	7.0	3.7	5.3
HUNTER	6.3	4.3	5.3
IS-TF-135	6.3	4.3	5.3
LS-06	7.0	3.7	5.3
RNP	7.0	3.7	5.3
COL-1	6.0	4.3	5.2
AST 7003	6.0	4.0	5.0
AST-2	5.3	4.7	5.0
COL-J	6.0	4.0	5.0
KY-31	5.0	4.7	4.8
AST-1	5.3	4.3	4.8
0312	5.3	4.0	4.7
JUSTICE	5.3	4.0	4.7
LSD VALUE	1.4	1.6	1.1
C.V. (%)	12.8	19.9	15.9

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 26. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	CA3
ESCALADE	6.7
TURBO	6.3
AST 7002	6.0
BULLSEYE	6.0
CEZANNE RZ (LTP-CRL)	6.0
GE-1	6.0
IS-TF-152	6.0
KZ-1	6.0
LINDBERGH	6.0
LS-06	6.0
LS-11	6.0
PSG-82BR	6.0
PSG-TTRH	6.0
PSG-TTST	6.0
RK 6	6.0
TITANIUM LS (MVS-BB-1)	6.0
TURBO RZ (BURL-TF8)	6.0
ATF 1247	5.7
ATF 1328	5.7
BGR-TF2	5.7
COL-M	5.7
J-140	5.7
JT-42	5.7
PSG-85QR	5.7
RKCL	5.7
RNP	5.7
SKYLINE	5.7
STR-8BB5	5.7
VAN GOGH (LTP-RK2)	5.7
ARISTOTLE	5.3
AST-3	5.3
ATM	5.3
BAR FA 6363	5.3
BILTMORE	5.3
DARLINGTON (CS-TF1)	5.3
DP 50-9407	5.3
DP 50-9411	5.3
DP 50-9440	5.3
FAT CAT (IS-TF-161)	5.3
HEMI	5.3
JT-33	5.3
MAGELLAN	5.3
MVS-341	5.3
RAPTOR II (MVS-TF-158)	5.3
RK 4	5.3
ROCKET (IS-TF-147)	5.3
SPEEDWAY (STR-8BPDX)	5.3
SPYDER LS (Z-2000)	5.3
TG 50-9460	5.3
06-DUST	5.0
3RD MILLENNIUM SRP	5.0
ATF-1199	5.0
IS-TF-135	5.0
JAMBOREE (IS-TF-128)	5.0
JT-36	5.0
MONET (LTP-610 CL)	5.0
MVS-1107	5.0
NA-SS	5.0
PSG-RNDR	5.0
WOLFPACK (PST-5WMB)	5.0
RAD-TF17	5.0
REBEL IV	5.0
SC-1	5.0
STR-8GRQR	5.0
TAHOE II	5.0
TALLADEGA (RP 3)	5.0
TOCCOA (IS-TF-151)	5.0
0312	4.7
06-WALK	4.7
BGR-TF1	4.7
DKS	4.7
FALCON IV	4.7
FIRECRACKER LS (MVS-MST)	4.7
GO-1BFD	4.7
JT-45	4.7
KZ-2	4.7
PST-5HP	4.7
RHAMBLER SRP (RHAMBLER)	4.7
SH 3	4.7
TULSA TIME (TULSA III)	4.7
AST 7001	4.3
AST-4	4.3
BAR FA 6253	4.3

TABLE 26. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	CA3
EINSTEIN	4.3
ESSENTIAL (IS-TF-154)	4.3
GWTF	4.3
IS-TF-159	4.3
KO6-WA	4.3
LS-03	4.3
NA-BT-1	4.3
PLATO	4.3
REMBRANDT	4.3
RP 2	4.3
AGGRESSOR (IS-TF-153)	4.0
AST 7003	4.0
FIRENZA	4.0
HUNTER	4.0
JT-41	4.0
MUSTANG 4 (M4)	4.0
SILVERADO	4.0
SR 8650 (STR-8LMM)	4.0
AST-1	3.7
CE 1	3.7
COL-1	3.7
COL-J	3.7
J-130	3.7
JUSTICE	3.7
PADRE	3.7
RK 5	3.7
AST-2	3.3
IS-TF-138	3.3
KY-31	3.3
TRAVERSE SRP (RK-1)	3.3
LSD VALUE	2.2
C.V. (%)	27.9

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 27. STEM RUST RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	IA1	NAME	IA1
CE 1	8.3	J-140	6.3
3RD MILLENNIUM SRP	8.0	JAMBOREE (IS-TF-128)	6.3
AGGRESSOR (IS-TF-153)	8.0	KZ-1	6.3
BAR FA 6363	7.7	NA-SS	6.3
DP 50-9440	7.7	PSG-TTST	6.3
ESSENTIAL (IS-TF-154)	7.7	RHAMBLER SRP (RHAMBLER)	6.3
GE-1	7.7	SPEEDWAY (STR-8BPDX)	6.3
RKCL	7.7	STR-8GRQR	6.3
TITANIUM LS (MVS-BB-1)	7.7	06-WALK	6.0
TRAVERSE SRP (RK-1)	7.7	ARISTOTLE	6.0
DP 50-9407	7.3	AST 7001	6.0
K06-WA	7.3	AST 7002	6.0
MONET (LTP-610 CL)	7.3	AST-4	6.0
NA-BT-1	7.3	BAR FA 6253	6.0
0312	7.0	BGR-TF1	6.0
ATM	7.0	CEZANNE RZ (LTP-CRL)	6.0
FALCON IV	7.0	COL-J	6.0
MUSTANG 4 (M4)	7.0	DARLINGTON (CS-TF1)	6.0
RAPTOR II (MVS-TF-158)	7.0	DKS	6.0
REBEL IV	7.0	GWTF	6.0
RK 5	7.0	J-130	6.0
RK 6	7.0	JUSTICE	6.0
SKYLINE	7.0	PADRE	6.0
STR-8BB5	7.0	PSG-85QR	6.0
TULSA TIME (TULSA III)	7.0	PSG-RNDR	6.0
06-DUST	6.7	PST-5HP	6.0
ATF 1247	6.7	ROCKET (IS-TF-147)	6.0
ATF 1328	6.7	RP 2	6.0
BULLSEYE	6.7	SC-1	6.0
COL-M	6.7	SR 8650 (STR-8LMM)	6.0
DP 50-9411	6.7	TG 50-9460	6.0
HUNTER	6.7	TOCCOA (IS-TF-151)	6.0
IS-TF-152	6.7	AST-2	5.7
WOLFPACK (PST-5WMB)	6.7	AST-3	5.7
RK 4	6.7	COL-1	5.7
SPYDER LS (Z-2000)	6.7	EINSTEIN	5.7
AST 7003	6.3	ESCALADE	5.7
ATF-1199	6.3	FIRENZA	5.7
BILTMORE	6.3	HEMI	5.7
FAT CAT (IS-TF-161)	6.3	IS-TF-159	5.7
IS-TF-135	6.3	KY-31	5.7
		LINDBERGH	5.7

TABLE 27. STEM RUST RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

NAME	STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ IA1
LS-11	5.7
PSG-82BR	5.7
PSG-TTRH	5.7
RNP	5.7
SH 3	5.7
VAN GOGH (LTP-RK2)	5.7
AST-1	5.3
BGR-TF2	5.3
FIRECRACKER LS (MVS-MST)	5.3
GO-1BFD	5.3
IS-TF-138	5.3
JT-41	5.3
JT-45	5.3
KZ-2	5.3
LS-03	5.3
LS-06	5.3
PLATO	5.3
RAD-TF17	5.3
REMBRANDT	5.3
TAHOE II	5.3
TALLADEGA (RP 3)	5.3
TURBO	5.3
TURBO RZ (BURL-TF8)	5.3
MAGELLAN	5.0
MVS-1107	5.0
MVS-341	5.0
JT-33	4.7
JT-36	4.7
JT-42	4.3
SILVERADO	4.0
LSD VALUE	1.4
C.V. (%)	14.2

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

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

TABLE 28. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	KS2	NJ2	VA1	MEAN
DP 50-9407	8.3	6.3	7.0	7.2
TALLADEGA (RP 3)	8.3	6.3	7.0	7.2
FIRENZA	8.3	6.3	6.7	7.1
WOLFPACK (PST-5WMB)	7.7	7.0	6.7	7.1
MUSTANG 4 (M4)	8.0	6.3	7.0	7.1
ATM	7.7	6.0	7.0	6.9
TURBO	8.0	6.3	6.3	6.9
BULLSEYE	8.3	6.0	6.0	6.8
CEZANNE RZ (LTP-CRL)	7.7	6.0	6.7	6.8
RP 2	8.3	6.0	6.0	6.8
VAN GOGH (LTP-RK2)	8.3	6.3	5.7	6.8
RKCL	7.0	6.3	7.0	6.8
TRAVERSE SRP (RK-1)	8.0	6.3	6.0	6.8
GE-1	8.0	6.0	6.0	6.7
HEMI	7.7	5.7	6.7	6.7
KY-31	8.7	5.3	6.0	6.7
PST-5HP	7.7	6.3	6.0	6.7
RAPTOR II (MVS-TF-158)	7.0	5.3	7.7	6.7
RK 4	8.0	5.7	6.3	6.7
ROCKET (IS-TF-147)	7.7	5.7	6.7	6.7
TG 50-9460	7.7	6.0	6.3	6.7
TURBO RZ (BURL-TF8)	8.3	6.3	5.3	6.7
3RD MILLENNIUM SRP	7.7	6.3	5.7	6.6
AGGRESSOR (IS-TF-153)	8.0	6.7	5.0	6.6
FAT CAT (IS-TF-161)	7.3	5.7	6.7	6.6
MONET (LTP-610 CL)	8.0	5.0	6.7	6.6
SC-1	7.7	6.0	6.0	6.6
SH 3	7.7	5.7	6.3	6.6
SPEEDWAY (STR-8BPDX)	7.7	5.3	6.7	6.6
ESCALADE	7.3	6.3	6.0	6.6
RHAMBLER SRP (RHAMBLER)	7.3	6.0	6.3	6.6
SPYDER LS (Z-2000)	7.3	6.0	6.3	6.6
MAGELLAN	7.7	5.7	6.0	6.4
RK 5	7.7	5.7	6.0	6.4
SKYLINE	7.7	6.0	5.7	6.4
DKS	7.3	6.0	6.0	6.4
IS-TF-159	7.0	6.0	6.3	6.4
JAMBOREE (IS-TF-128)	7.7	5.3	6.3	6.4
K06-WA	7.0	6.3	6.0	6.4
PADRE	7.3	6.0	6.0	6.4
RK 6	7.3	5.7	6.3	6.4
TITANIUM LS (MVS-BB-1)	7.7	6.3	5.3	6.4
AST-2	6.7	5.7	6.7	6.3
COL-M	7.3	6.3	5.3	6.3
NA-BT-1	7.3	6.0	5.7	6.3
PSG-85QR	7.7	5.7	5.7	6.3
RAD-TF17	7.3	5.7	6.0	6.3
RNP	7.0	5.7	6.3	6.3
SR 8650 (STR-8LMM)	7.0	6.0	6.0	6.3
TOCCOA (IS-TF-151)	7.0	6.3	5.7	6.3
CE 1	7.7	5.7	5.3	6.2
DP 50-9411	7.3	5.7	5.7	6.2
FALCON IV	7.7	5.7	5.3	6.2
KZ-2	6.0	5.3	7.3	6.2
BAR FA 6253	7.0	5.7	5.7	6.1
ESSENTIAL (IS-TF-154)	7.7	5.0	5.7	6.1
IS-TF-152	7.7	5.0	5.7	6.1
JT-41	7.7	5.7	5.0	6.1
KZ-1	6.7	5.7	6.0	6.1
REBEL IV	7.0	5.7	5.7	6.1
TULSA TIME (TULSA III)	7.7	5.0	5.7	6.1
06-DUST	7.0	5.3	6.0	6.1
GWTF	8.0	5.0	5.3	6.1
IS-TF-138	8.0	5.3	5.0	6.1
SILVERADO	7.3	6.0	5.0	6.1
STR-8GRQR	7.3	5.7	5.3	6.1
AST-3	7.3	5.3	5.3	6.0
ATF-1199	7.3	6.0	4.7	6.0
BAR FA 6363	7.0	5.7	5.3	6.0
J-130	7.7	4.7	5.7	6.0
J-140	8.0	4.7	5.3	6.0
JT-33	7.3	5.7	5.0	6.0
JT-36	7.3	6.0	4.7	6.0
LS-03	6.7	5.3	6.0	6.0
LS-06	7.0	5.3	5.7	6.0
MVS-1107	7.3	5.3	5.3	6.0
NA-SS	6.7	5.3	6.0	6.0
REMBRANDT	6.0	6.0	6.0	6.0
AST 7002	6.7	6.3	4.7	5.9
AST-4	6.7	5.7	5.3	5.9
BILTMORE	7.0	5.0	5.7	5.9
IS-TF-135	6.0	5.0	6.7	5.9
JUSTICE	6.7	5.3	5.7	5.9

TABLE 28. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	KS2	NJ2	VA1	MEAN
MVS-341	6.7	5.3	5.7	5.9
BGR-TF1	7.3	6.0	4.3	5.9
JT-45	7.0	6.3	4.3	5.9
STR-8BB5	7.3	5.0	5.3	5.9
DP 50-9440	7.7	5.0	4.7	5.8
PLATO	6.7	5.7	5.0	5.8
PSG-RNDR	7.0	5.7	4.7	5.8
PSG-TTRH	6.0	5.7	5.7	5.8
BGR-TF2	7.3	4.7	5.3	5.8
AST-1	6.7	5.0	5.3	5.7
ATF 1328	7.3	4.3	5.3	5.7
EINSTEIN	7.3	4.7	5.0	5.7
JT-42	7.0	5.3	4.7	5.7
PSG-82BR	7.0	5.7	4.3	5.7
PSG-TTST	7.0	4.3	5.7	5.7
ARISTOTLE	6.7	5.7	4.3	5.6
FIRECRACKER LS (MVS-MST)	7.0	4.7	5.0	5.6
06-WALK	7.3	5.3	4.0	5.6
GO-1BFD	7.0	5.3	4.3	5.6
TAHOE II	6.3	5.0	5.3	5.6
LINDBERGH	6.7	5.0	4.7	5.4
COL-1	6.0	5.0	5.3	5.4
AST 7003	6.3	5.3	4.3	5.3
COL-J	6.0	4.3	5.7	5.3
AST 7001	5.7	5.3	4.7	5.2
DARLINGTON (CS-TF1)	6.3	4.7	4.7	5.2
ATF 1247	5.3	5.0	5.0	5.1
LS-11	5.7	4.3	5.3	5.1
0312	6.3	4.3	4.3	5.0
HUNTER	5.7	5.0	4.0	4.9
LSD VALUE	1.5	1.4	1.9	0.9
C.V. (%)	13.2	15.3	21.3	16.5

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

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

TABLE 29. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	GA1	TX1	MEAN
DARLINGTON (CS-TF1)	7.7	8.7	8.2
KZ-2	7.3	8.7	8.0
K06-WA	7.7	8.0	7.8
RNP	7.3	8.3	7.8
AGGRESSOR (IS-TF-153)	7.7	7.7	7.7
AST-1	7.0	8.3	7.7
AST-2	7.0	8.3	7.7
AST-4	7.0	8.3	7.7
ATF 1328	7.0	8.3	7.7
GWTF	7.0	8.3	7.7
NA-SS	7.0	8.3	7.7
AST 7003	7.3	8.0	7.7
SC-1	7.3	8.0	7.7
AST 7001	6.7	8.3	7.5
AST 7002	7.0	8.0	7.5
COL-M	6.7	8.3	7.5
FAT CAT (IS-TF-161)	7.0	8.0	7.5
IS-TF-152	7.0	8.0	7.5
KZ-1	7.3	7.7	7.5
LS-03	7.0	8.0	7.5
LS-06	6.7	8.3	7.5
PSG-TTRH	7.0	8.0	7.5
RK 4	7.0	8.0	7.5
ROCKET (IS-TF-147)	7.0	8.0	7.5
SR 8650 (STR-8LMM)	7.0	8.0	7.5
TULSA TIME (TULSA III)	7.0	8.0	7.5
TURBO	7.0	8.0	7.5
BAR FA 6363	6.7	8.0	7.3
BGR-TF1	6.3	8.3	7.3
IS-TF-135	6.7	8.0	7.3
IS-TF-138	6.7	8.0	7.3
IS-TF-159	7.0	7.7	7.3
LS-11	6.7	8.0	7.3
MVS-341	6.7	8.0	7.3
WOLFPACK (PST-5WMB)	7.0	7.7	7.3
SPEEDWAY (STR-8BPDX)	7.0	7.7	7.3
COL-J	6.0	8.7	7.3
JUSTICE	7.3	7.3	7.3
MONET (LTP-610 CL)	7.3	7.3	7.3
RK 5	7.3	7.3	7.3
DKS	6.7	7.7	7.2
DP 50-9407	6.7	7.7	7.2
FALCON IV	6.7	7.7	7.2
TAHOE II	6.0	8.3	7.2
TALLADEGA (RP 3)	6.7	7.7	7.2
TITANIUM LS (MVS-BB-1)	6.7	7.7	7.2
TOCCOA (IS-TF-151)	6.7	7.7	7.2
TURBO RZ (BURL-TF8)	6.7	7.7	7.2
0312	6.3	8.0	7.2
3RD MILLENNIUM SRP	7.0	7.3	7.2
AST-3	6.3	8.0	7.2
ATM	7.3	7.0	7.2
BGR-TF2	6.3	8.0	7.2
CE 1	7.0	7.3	7.2
DP 50-9411	6.3	8.0	7.2
ESSENTIAL (IS-TF-154)	7.3	7.0	7.2
GE-1	7.3	7.0	7.2
J-130	6.3	8.0	7.2
MUSTANG 4 (M4)	7.0	7.3	7.2
RAD-TF17	6.3	8.0	7.2
RHAMBLER SRP (RHAMBLER)	7.3	7.0	7.2
SPYDER LS (Z-2000)	6.3	8.0	7.2
06-WALK	6.3	7.7	7.0
ATF 1247	6.3	7.7	7.0
ATF-1199	6.7	7.3	7.0
BULLSEYE	6.7	7.3	7.0
CEZANNE RZ (LTP-CRL)	6.7	7.3	7.0
COL-1	6.0	8.0	7.0
DP 50-9440	6.7	7.3	7.0
EINSTEIN	6.3	7.7	7.0
HEMI	6.7	7.3	7.0
HUNTER	6.3	7.7	7.0
JT-33	6.3	7.7	7.0
JT-36	6.3	7.7	7.0
JT-45	6.3	7.7	7.0
MVS-1107	6.7	7.3	7.0
PADRE	6.7	7.3	7.0
PSG-85QR	6.3	7.7	7.0
PSG-RNDR	6.7	7.3	7.0
RAPTOR II (MVS-TF-158)	6.7	7.3	7.0
REBEL IV	6.7	7.3	7.0
RKCL	6.7	7.3	7.0
RP 2	6.7	7.3	7.0

TABLE 29. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	GA1	TX1	MEAN
SKYLINE	6.3	7.7	7.0
TG 50-9460	6.7	7.3	7.0
TRAVERSE SRP (RK-1)	7.0	7.0	7.0
VAN GOGH (LTP-RK2)	6.3	7.7	7.0
BAR FA 6253	6.0	7.7	6.8
FIRENZA	6.7	7.0	6.8
GO-1BFD	6.7	7.0	6.8
J-140	6.7	7.0	6.8
JAMBOREE (IS-TF-128)	6.0	7.7	6.8
JT-41	6.7	7.0	6.8
JT-42	6.0	7.7	6.8
PSG-82BR	6.7	7.0	6.8
PSG-TTST	6.7	7.0	6.8
REMBRANDT	7.0	6.7	6.8
06-DUST	6.3	7.3	6.8
ARISTOTLE	6.3	7.3	6.8
ESCALADE	6.3	7.3	6.8
FIRECRACKER LS (MVS-MST)	6.3	7.3	6.8
RK 6	6.3	7.3	6.8
SH 3	6.3	7.3	6.8
STR-8BB5	6.3	7.3	6.8
BILTMORE	5.7	7.7	6.7
MAGELLAN	6.0	7.3	6.7
NA-BT-1	6.3	7.0	6.7
PST-5HP	6.3	7.0	6.7
STR-8GRQR	6.3	7.0	6.7
LINDBERGH	5.7	7.3	6.5
PLATO	6.0	6.7	6.3
SILVERADO	6.0	6.7	6.3
KY-31	5.0	6.0	5.5
LSD VALUE	1.1	0.8	0.7
C.V. (%)	9.9	6.7	8.3

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

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

TABLE 30. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	GA1	TX1	WA3	MEAN
AST-4	7.3	9.0	8.0	8.1
AST-2	7.7	8.3	8.0	8.0
GWTF	7.7	8.7	7.7	8.0
KZ-1	8.0	8.0	8.0	8.0
KZ-2	7.3	8.7	8.0	8.0
AST 7003	7.3	8.7	7.7	7.9
DARLINGTON (CS-TF1)	7.7	8.3	7.7	7.9
DKS	7.7	8.3	7.7	7.9
LS-06	7.0	9.0	7.7	7.9
LS-11	7.3	8.7	7.7	7.9
RAPTOR II (MVS-TF-158)	7.3	8.3	8.0	7.9
AST 7001	7.0	8.7	8.0	7.9
BGR-TF2	7.0	8.7	8.0	7.9
LS-03	7.0	8.7	8.0	7.9
NA-SS	7.0	8.3	8.0	7.8
AST 7002	7.0	8.7	7.7	7.8
BGR-TF1	6.7	8.7	8.0	7.8
COL-1	7.0	8.7	7.7	7.8
FAT CAT (IS-TF-161)	7.3	8.0	8.0	7.8
0312	6.7	8.7	7.7	7.7
AST-1	7.0	8.3	7.7	7.7
AST-3	7.3	8.3	7.3	7.7
COL-M	7.3	8.3	7.3	7.7
DP 50-9407	7.7	8.0	7.3	7.7
IS-TF-152	7.3	8.0	7.7	7.7
RNP	7.3	8.7	7.0	7.7
SPYDER LS (Z-2000)	7.0	8.7	7.3	7.7
SR 8650 (STR-8LMM)	7.3	8.3	7.3	7.7
COL-J	6.7	8.3	7.7	7.6
DP 50-9411	7.0	8.0	7.7	7.6
IS-TF-138	7.0	8.0	7.7	7.6
RAD-TF17	6.7	8.3	7.7	7.6
TAHOE II	6.3	8.3	8.0	7.6
TURBO RZ (BURL-TF8)	7.3	8.0	7.3	7.6
3RD MILLENNIUM SRP	7.0	8.3	7.0	7.4
AGGRESSOR (IS-TF-153)	7.7	7.7	7.0	7.4
ATF 1247	7.0	8.3	7.0	7.4
ATM	7.7	7.7	7.0	7.4
J-130	6.7	8.0	7.7	7.4
RK 5	7.7	8.0	6.7	7.4
ROCKET (IS-TF-147)	7.0	8.3	7.0	7.4
SH 3	6.7	8.0	7.7	7.4
TOCCOA (IS-TF-151)	6.7	8.0	7.7	7.4
06-WALK	6.7	8.3	7.3	7.4
ATF 1328	7.3	7.7	7.3	7.4
BAR FA 6363	6.7	8.7	7.0	7.4
CE 1	7.0	8.0	7.3	7.4
HUNTER	6.3	8.0	8.0	7.4
IS-TF-135	6.7	8.3	7.3	7.4
JT-33	6.7	8.3	7.3	7.4
K06-WA	7.3	8.0	7.0	7.4
REBEL IV	7.3	8.0	7.0	7.4
RK 4	7.3	8.0	7.0	7.4
RK 6	7.0	8.0	7.3	7.4
SPEEDWAY (STR-8BPDX)	7.3	8.0	7.0	7.4
TULSA TIME (TULSA III)	7.3	8.0	7.0	7.4
FALCON IV	7.0	7.7	7.3	7.3
IS-TF-159	7.0	7.7	7.3	7.3
MAGELLAN	6.7	8.3	7.0	7.3
MUSTANG 4 (M4)	7.0	7.7	7.3	7.3
RKCL	7.0	7.7	7.3	7.3
TRAVERSE SRP (RK-1)	7.7	7.3	7.0	7.3
BAR FA 6253	6.3	8.7	6.7	7.2
BULLSEYE	6.7	8.0	7.0	7.2
EINSTEIN	6.7	7.7	7.3	7.2
FIRENZA	7.0	7.7	7.0	7.2
JT-41	6.7	7.7	7.3	7.2
PSG-RNDR	6.7	8.0	7.0	7.2
SC-1	7.0	7.7	7.0	7.2
STR-8GRQR	6.7	8.0	7.0	7.2
TALLADEGA (RP 3)	7.0	7.7	7.0	7.2
TITANIUM LS (MVS-BB-1)	7.0	7.7	7.0	7.2
FIRECRACKER LS (MVS-MST)	7.3	7.3	7.0	7.2
TG 50-9460	6.3	8.0	7.3	7.2
DP 50-9440	7.0	7.7	6.7	7.1
HEMI	6.7	7.7	7.0	7.1
JT-36	6.7	7.7	7.0	7.1
MVS-341	6.7	8.0	6.7	7.1
RHAMBLER SRP (RHAMBLER)	7.0	7.7	6.7	7.1
ATF-1199	7.0	7.0	7.3	7.1
CEZANNE RZ (LTP-CRL)	7.0	7.3	7.0	7.1
ESSENTIAL (IS-TF-154)	7.3	7.3	6.7	7.1
GE-1	7.3	7.0	7.0	7.1

TABLE 30. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	GA1	TX1	WA3	MEAN
J-140	7.0	7.3	7.0	7.1
JAMBOREE (IS-TF-128)	6.7	7.3	7.3	7.1
JT-42	6.3	7.7	7.3	7.1
MONET (LTP-610 CL)	7.0	7.3	7.0	7.1
PSG-85QR	6.3	8.0	7.0	7.1
PSG-TTRH	6.3	8.0	7.0	7.1
WOLFPACK (PST-5WMB)	7.3	7.7	6.3	7.1
SKYLINE	7.0	7.3	7.0	7.1
TURBO	6.7	7.3	7.3	7.1
ARISTOTLE	6.7	7.3	7.0	7.0
ESCALADE	6.3	8.0	6.7	7.0
GO-1BFD	6.7	7.7	6.7	7.0
JT-45	6.3	7.7	7.0	7.0
JUSTICE	7.0	7.0	7.0	7.0
LINDBERGH	6.3	7.7	7.0	7.0
MVS-1107	7.0	8.0	6.0	7.0
NA-BT-1	7.0	7.3	6.7	7.0
PSG-82BR	6.7	7.7	6.7	7.0
STR-8BB5	7.0	7.7	6.3	7.0
06-DUST	6.7	7.7	6.3	6.9
PADRE	6.3	7.7	6.7	6.9
VAN GOGH (LTP-RK2)	6.7	7.3	6.7	6.9
PST-5HP	6.7	7.0	6.7	6.8
BILTMORE	6.0	7.3	7.0	6.8
RP 2	6.7	7.3	6.3	6.8
PSG-TTST	6.3	6.7	6.7	6.6
PLATO	6.3	7.0	6.3	6.6
REMBRANDT	6.3	7.0	6.3	6.6
SILVERADO	6.3	7.0	5.3	6.2
KY-31	5.0	6.0	4.0	5.0
LSD VALUE	1.0	1.1	0.8	0.6
C.V. (%)	8.9	9.0	7.3	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 31. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	GA1	NC1	NJ2	TX1	MEAN
SC-1	7.3	9.0	5.3	8.0	7.4
KO6-WA	7.0	8.0	6.7	7.7	7.3
RHAMBLER SRP (RHAMBLER)	7.7	8.0	6.0	7.7	7.3
RKCL	6.7	7.3	7.7	7.7	7.3
MONET (LTP-610 CL)	7.3	8.3	6.0	7.3	7.3
WOLFPACK (PST-5WMB)	7.7	7.7	5.7	8.0	7.3
3RD MILLENNIUM SRP	7.3	8.0	5.7	7.7	7.2
CEZANNE RZ (LTP-CRL)	7.3	8.3	5.0	8.0	7.2
DP 50-9407	7.7	8.3	4.7	8.0	7.2
AST 7001	7.0	7.3	5.7	8.3	7.1
DP 50-9411	6.7	8.0	5.7	8.0	7.1
SPYDER LS (Z-2000)	6.7	8.3	5.3	8.0	7.1
ATM	7.7	8.0	4.7	7.7	7.0
TURBO	6.7	8.0	5.7	7.7	7.0
AGGRESSOR (IS-TF-153)	7.0	7.7	6.0	7.3	7.0
GE-1	7.7	8.0	5.0	7.3	7.0
MUSTANG 4 (M4)	7.3	8.0	5.0	7.7	7.0
TULSA TIME (TULSA III)	6.7	7.7	5.7	8.0	7.0
RK 5	7.3	8.0	5.3	7.3	7.0
SH 3	7.0	8.7	5.0	7.3	7.0
AST 7002	7.3	7.7	4.7	8.0	6.9
AST-2	7.3	7.3	5.3	7.7	6.9
BAR FA 6363	6.7	7.3	5.7	8.0	6.9
BULLSEYE	7.3	7.3	5.3	7.7	6.9
IS-TF-138	7.3	6.7	6.0	7.7	6.9
LS-11	7.3	7.0	5.3	8.0	6.9
STR-8BB5	6.7	8.0	4.7	8.0	6.8
ATF 1328	7.3	7.0	6.3	6.7	6.8
COL-M	7.0	7.0	5.3	8.0	6.8
DARLINGTON (CS-TF1)	7.3	6.7	5.3	8.0	6.8
FIRECRACKER LS (MVS-MST)	6.7	7.3	5.3	8.0	6.8
FIRENZA	7.0	7.3	5.3	7.7	6.8
RAD-TF17	6.3	8.0	5.0	8.0	6.8
TRAVERSE SRP (RK-1)	7.3	8.0	5.0	7.0	6.8
BGR-TF1	6.7	6.7	5.7	8.0	6.8
BGR-TF2	6.7	7.0	5.0	8.3	6.8
JAMBOREE (IS-TF-128)	6.3	6.7	6.3	7.7	6.8
RK 6	7.0	6.3	6.0	7.7	6.8
TOCCOA (IS-TF-151)	6.7	7.0	6.0	7.3	6.8
AST-3	6.7	7.0	4.7	8.3	6.7
RNP	7.0	6.7	4.7	8.3	6.7

TABLE 31. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	GA1	NC1	NJ2	TX1	MEAN
AST 7003	7.3	6.7	4.7	8.0	6.7
AST-1	6.7	7.0	5.3	7.7	6.7
AST-4	7.7	6.3	5.0	7.7	6.7
FALCON IV	7.3	7.3	4.3	7.7	6.7
FAT CAT (IS-TF-161)	7.0	7.3	5.7	6.7	6.7
IS-TF-152	7.3	6.3	5.3	7.7	6.7
LS-03	7.3	7.3	4.3	7.7	6.7
ROCKET (IS-TF-147)	7.0	6.7	5.0	8.0	6.7
TITANIUM LS (MVS-BB-1)	7.0	6.7	5.3	7.7	6.7
DKS	7.3	7.7	4.3	7.3	6.7
KZ-2	7.3	7.3	4.7	7.3	6.7
RK 4	7.3	7.0	5.0	7.3	6.7
TALLADEGA (RP 3)	6.3	7.3	5.0	8.0	6.7
VAN GOGH (LTP-RK2)	6.3	7.7	5.3	7.3	6.7
06-DUST	7.0	7.7	4.7	7.0	6.6
COL-1	6.7	7.0	4.7	8.0	6.6
NA-SS	7.0	6.0	5.0	8.3	6.6
SPEEDWAY (STR-8BPDX)	6.7	7.0	5.7	7.0	6.6
SR 8650 (STR-8LMM)	6.7	7.0	4.7	8.0	6.6
COL-J	6.7	6.7	5.7	7.3	6.6
GWTF	7.3	7.0	5.0	7.0	6.6
KZ-1	7.3	7.0	5.3	6.7	6.6
ATF 1247	6.0	7.0	5.0	8.0	6.5
BAR FA 6253	6.3	6.3	5.7	7.7	6.5
ESSENTIAL (IS-TF-154)	7.0	7.0	4.7	7.3	6.5
HEMI	7.0	6.7	5.3	7.0	6.5
JUSTICE	7.3	7.3	4.7	6.7	6.5
PSG-RNDR	6.7	6.7	5.3	7.3	6.5
REBEL IV	6.3	7.3	5.3	7.0	6.5
SKYLINE	7.3	7.3	4.7	6.7	6.5
TAHOE II	6.0	7.3	5.0	7.7	6.5
EINSTEIN	6.7	6.7	5.3	7.0	6.4
GO-1BFD	6.3	6.7	5.0	7.7	6.4
JT-36	6.7	6.3	5.7	7.0	6.4
PSG-82BR	7.0	6.3	4.7	7.7	6.4
RAPTOR II (MVS-TF-158)	7.0	7.7	4.3	6.7	6.4
RP 2	6.7	6.0	5.3	7.7	6.4
JT-42	6.0	8.7	4.0	7.0	6.4
IS-TF-135	6.7	6.0	5.0	7.7	6.3
J-140	6.7	7.0	4.7	7.0	6.3
LS-06	6.7	6.0	4.7	8.0	6.3
PADRE	6.7	7.0	4.7	7.0	6.3

TABLE 31. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	GA1	NC1	NJ2	TX1	MEAN
ATF-1199	6.7	7.0	4.3	7.3	6.3
DP 50-9440	7.0	6.3	5.0	7.0	6.3
HUNTER	6.3	7.0	5.0	7.0	6.3
JT-33	6.7	6.0	5.3	7.3	6.3
JT-41	6.3	7.7	5.0	6.3	6.3
MVS-1107	6.7	6.7	4.7	7.3	6.3
PSG-TTST	6.3	6.0	5.3	7.7	6.3
0312	6.3	5.3	5.3	8.0	6.3
ESCALADE	6.0	7.0	5.0	7.0	6.3
NA-BT-1	6.3	7.3	3.7	7.7	6.3
PSG-TTRH	6.3	6.7	5.0	7.0	6.3
JT-45	6.0	6.7	5.0	7.0	6.2
MAGELLAN	6.3	6.3	4.3	7.7	6.2
REMBRANDT	6.3	7.0	4.7	6.7	6.2
IS-TF-159	7.0	6.3	5.0	6.3	6.2
J-130	6.3	6.0	5.0	7.3	6.2
LINDBERGH	5.7	6.3	5.7	6.7	6.1
ARISTOTLE	6.7	6.3	5.0	6.3	6.1
CE 1	6.3	6.0	4.0	8.0	6.1
TG 50-9460	6.3	6.0	5.0	7.0	6.1
TURBO RZ (BURL-TF8)	6.7	6.7	4.0	6.7	6.0
PSG-85QR	6.3	7.0	3.7	7.0	6.0
PST-5HP	6.3	6.7	4.0	7.0	6.0
STR-8GRQR	6.3	5.7	4.7	7.3	6.0
06-WALK	6.3	6.0	4.3	7.3	6.0
BILTMORE	6.0	6.7	4.0	6.7	5.8
MVS-341	6.3	6.0	4.0	7.0	5.8
PLATO	5.7	5.7	4.7	7.0	5.8
SILVERADO	6.0	6.0	4.0	6.3	5.6
KY-31	5.3	4.0	3.3	6.0	4.7
LSD VALUE	1.1	1.6	1.5	1.2	0.7
C.V. (%)	10.2	14.6	18.5	10.1	13.1

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

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

TABLE 32. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	GA1	IL1	MEAN	NAME	GA1	IL1	MEAN
DP 50-9407	7.0	6.0	6.5	PADRE	6.3	5.7	6.0
MUSTANG 4 (M4)	6.7	6.3	6.5	PSG-RNDR	6.7	5.3	6.0
RHAMBLER SRP (RHAMBLER)	7.0	6.0	6.5	RAD-TF17	6.3	5.7	6.0
BGR-TF2	6.0	6.7	6.3	RNP	6.3	5.7	6.0
KO6-WA	6.7	6.0	6.3	TG 50-9460	6.3	5.7	6.0
MONET (LTP-610 CL)	7.0	5.7	6.3	ATF-1199	6.0	5.7	5.8
SC-1	6.7	6.0	6.3	BAR FA 6253	6.0	5.7	5.8
SKYLINE	6.7	6.0	6.3	CEZANNE RZ (LTP-CRL)	6.7	5.0	5.8
AST-1	6.3	6.3	6.3	FALCON IV	6.0	5.7	5.8
JUSTICE	6.3	6.3	6.3	GE-1	6.7	5.0	5.8
LS-11	6.3	6.3	6.3	JAMBOREE (IS-TF-128)	5.7	6.0	5.8
3RD MILLENNIUM SRP	6.7	5.7	6.2	LINDBERGH	6.0	5.7	5.8
ARISTOTLE	6.7	5.7	6.2	MAGELLAN	6.0	5.7	5.8
AST-2	6.7	5.7	6.2	PSG-TTST	5.7	6.0	5.8
AST-3	6.7	5.7	6.2	REBEL IV	6.0	5.7	5.8
ATM	6.7	5.7	6.2	SH 3	6.7	5.0	5.8
DKS	6.7	5.7	6.2	SR 8650 (STR-8LMM)	6.7	5.0	5.8
FAT CAT (IS-TF-161)	6.7	5.7	6.2	STR-8BB5	6.0	5.7	5.8
WOLFPACK (PST-5WMB)	6.7	5.7	6.2	TITANIUM LS (MVS-BB-1)	6.7	5.0	5.8
RKCL	6.7	5.7	6.2	AST 7001	6.3	5.3	5.8
AGGRESSOR (IS-TF-153)	7.0	5.3	6.2	AST 7002	6.3	5.3	5.8
AST 7003	6.3	6.0	6.2	DARLINGTON (CS-TF1)	6.3	5.3	5.8
AST-4	7.0	5.3	6.2	DP 50-9411	6.3	5.3	5.8
FIRENZA	6.3	6.0	6.2	EINSTEIN	6.3	5.3	5.8
J-140	6.3	6.0	6.2	GWTF	6.3	5.3	5.8
LS-06	6.3	6.0	6.2	HEMI	6.3	5.3	5.8
NA-BT-1	6.3	6.0	6.2	HUNTER	6.3	5.3	5.8
PSG-82BR	6.3	6.0	6.2	IS-TF-135	6.3	5.3	5.8
RK 4	7.0	5.3	6.2	JT-36	6.3	5.3	5.8
RK 5	7.3	5.0	6.2	NA-SS	6.3	5.3	5.8
0312	6.0	6.0	6.0	PST-5HP	6.3	5.3	5.8
06-DUST	6.7	5.3	6.0	RK 6	6.3	5.3	5.8
BAR FA 6363	6.3	5.7	6.0	STR-8GRQR	6.3	5.3	5.8
BULLSEYE	6.7	5.3	6.0	TRAVERSE SRP (RK-1)	6.3	5.3	5.8
CE 1	6.3	5.7	6.0	TURBO	6.3	5.3	5.8
COL-M	7.0	5.0	6.0	ATF 1247	6.0	5.3	5.7
ESSENTIAL (IS-TF-154)	6.7	5.3	6.0	ATF 1328	6.3	5.0	5.7
GO-1BFD	6.0	6.0	6.0	BGR-TF1	6.0	5.3	5.7
IS-TF-138	7.0	5.0	6.0	COL-1	6.0	5.3	5.7
IS-TF-159	6.7	5.3	6.0	COL-J	6.0	5.3	5.7
LS-03	6.7	5.3	6.0	DP 50-9440	6.3	5.0	5.7
				FIRECRACKER LS (MVS-MST)	6.0	5.3	5.7

TABLE 32. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	GA1	IL1	MEAN
JT-33	6.3	5.0	5.7
KZ-1	6.3	5.0	5.7
KZ-2	6.3	5.0	5.7
MVS-1107	6.0	5.3	5.7
MVS-341	6.3	5.0	5.7
REMBRANDT	6.3	5.0	5.7
ROCKET (IS-TF-147)	6.0	5.3	5.7
RP 2	6.0	5.3	5.7
SPEEDWAY (STR-8BPDX)	6.3	5.0	5.7
TULSA TIME (TULSA III)	6.0	5.3	5.7
TURBO RZ (BURL-TF8)	6.3	5.0	5.7
VAN GOGH (LTP-RK2)	6.3	5.0	5.7
BILTMORE	6.0	5.0	5.5
IS-TF-152	6.0	5.0	5.5
J-130	6.0	5.0	5.5
JT-41	6.0	5.0	5.5
JT-45	6.0	5.0	5.5
PLATO	6.0	5.0	5.5
PSG-TTRH	6.3	4.7	5.5
SPYDER LS (Z-2000)	5.7	5.3	5.5
TAHOE II	5.7	5.3	5.5
TALLADEGA (RP 3)	5.7	5.3	5.5
TOCCOA (IS-TF-151)	6.0	5.0	5.5
ESCALADE	5.7	5.0	5.3
JT-42	6.0	4.7	5.3
KY-31	5.0	5.7	5.3
PSG-85QR	5.7	5.0	5.3
RAPTOR II (MVS-TF-158)	5.7	5.0	5.3
SILVERADO	5.7	5.0	5.3
06-WALK	5.3	5.3	5.3
LSD VALUE	0.9	0.9	0.6
C.V. (%)	8.5	10.2	9.3

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

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

TABLE 33. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA 2/

NAME	AR1	IL1	KS2	KY1	MS1	NJ2	RI1	VA1	WA3	WI1	MEAN
RK 4	84.0	85.0	65.0	96.7	51.7	55.0	85.0	80.0	80.0	90.0	77.2
KO6-WA	80.3	86.7	75.0	92.7	50.0	58.3	79.3	81.7	80.0	85.7	77.0
3RD MILLENNIUM SRP	69.0	81.7	75.0	92.7	53.3	60.0	78.3	86.7	76.7	95.7	76.9
SH 3	83.3	81.7	73.3	99.0	48.3	61.7	79.3	80.0	70.0	90.0	76.7
ATM	83.0	75.0	73.3	93.7	53.3	61.7	86.7	81.7	66.7	91.0	76.6
LINDBERGH	83.0	73.3	78.3	99.0	50.0	63.3	75.7	83.3	70.0	87.7	76.4
PLATO	76.7	63.3	86.7	97.7	50.0	58.3	78.3	83.3	73.3	90.0	75.8
SILVERADO	80.3	75.0	75.0	93.0	48.3	56.7	84.0	85.0	70.0	85.0	75.2
MAGELLAN	73.3	75.0	78.3	97.7	50.0	55.0	78.3	75.0	80.0	89.3	75.2
DP 50-9407	72.7	73.3	81.7	97.3	48.3	60.0	78.3	85.0	70.0	85.0	75.2
RKCL	75.3	80.0	71.7	97.7	51.7	58.3	81.0	73.3	73.3	89.0	75.1
JUSTICE	76.0	75.0	75.0	97.7	46.7	56.7	79.0	80.0	70.0	89.0	74.5
SC-1	78.7	76.7	63.3	95.0	48.3	61.7	71.7	85.0	73.3	91.0	74.5
FIRENZA	73.7	85.0	78.3	97.7	48.3	56.7	75.0	76.7	73.3	78.3	74.3
MONET (LTP-610 CL)	63.3	73.3	76.7	94.7	51.7	60.0	84.0	75.0	80.0	83.3	74.2
RK 6	77.7	86.7	61.7	94.3	50.0	60.0	78.3	76.7	73.3	83.3	74.2
RK 5	70.3	75.0	75.0	93.0	50.0	58.3	75.0	85.0	73.3	86.7	74.2
KY-31	71.3	78.3	83.3	86.7	48.3	40.0	86.7	86.7	76.7	80.7	73.9
EINSTEIN	77.7	68.3	75.0	94.0	46.7	56.7	73.3	78.3	80.0	87.3	73.7
FALCON IV	79.0	80.0	71.7	99.0	48.3	53.3	78.3	80.0	66.7	80.0	73.6
PADRE	67.7	83.3	75.0	96.3	51.7	51.7	74.3	78.3	70.0	87.0	73.5
JT-42	63.7	81.7	76.7	98.7	48.3	56.7	72.3	76.7	76.7	83.3	73.5
JT-41	76.0	83.3	70.0	99.0	46.7	48.3	79.3	75.0	73.3	81.7	73.3
SPYDER LS (Z-2000)	75.7	78.3	61.7	97.3	48.3	53.3	76.7	85.0	70.0	83.3	73.0
BILTMORE	80.7	71.7	70.0	93.0	48.3	46.7	80.7	80.0	73.3	84.3	72.9
GO-1BFD	75.0	80.0	81.7	85.7	46.7	58.3	66.0	85.0	70.0	80.0	72.8
ARISTOTLE	60.0	73.3	75.0	96.7	50.0	60.0	73.3	78.3	73.3	86.7	72.7
CE 1	77.7	78.3	70.0	91.3	46.7	58.3	84.0	78.3	56.7	83.3	72.5
PSG-TTST	71.0	76.7	66.7	92.3	46.7	56.7	72.3	86.7	73.3	81.7	72.4
PSG-82BR	73.7	83.3	71.7	91.3	45.0	51.7	76.7	76.7	70.0	83.3	72.3
06-DUST	77.7	78.3	68.3	93.0	46.7	56.7	69.0	75.0	70.0	86.0	72.1
ESCALADE	72.0	81.7	65.0	93.0	46.7	50.0	71.7	78.3	76.7	81.7	71.7
RP 2	72.7	81.7	51.7	95.0	46.7	58.3	74.3	80.0	73.3	82.7	71.6
VAN GOGH (LTP-RK2)	73.3	80.0	65.0	95.0	46.7	55.0	70.0	78.3	70.0	80.0	71.3
SPEEDWAY (STR-8BPDX)	72.7	80.0	63.3	94.3	48.3	56.7	71.0	80.0	63.3	81.7	71.1
TG 50-9460	75.7	75.0	73.3	96.3	46.7	48.3	76.7	80.0	53.3	85.7	71.1
JT-45	65.0	76.7	71.7	96.3	48.3	58.3	72.7	70.0	73.3	78.3	71.1
TURBO RZ (BURL-TF8)	72.0	76.7	71.7	84.3	46.7	48.3	75.0	81.7	70.0	81.0	70.7
ESSENTIAL (IS-TF-154)	71.3	83.3	65.0	90.7	46.7	55.0	75.0	75.0	63.3	81.7	70.7
REBEL IV	78.7	81.7	60.0	83.0	48.3	60.0	69.3	73.3	66.7	86.0	70.7
WOLFPACK (PST-5WMB)	66.7	78.3	56.7	96.0	46.7	50.0	71.0	73.3	80.0	87.7	70.6
JT-36	76.7	73.3	63.3	99.0	48.3	50.0	61.7	80.0	70.0	83.3	70.6
MUSTANG 4 (M4)	70.0	83.3	76.7	95.7	45.0	50.0	73.3	83.3	63.3	65.0	70.6
SKYLINE	78.0	78.3	56.7	95.7	45.0	53.3	75.7	68.3	73.3	80.0	70.4

TABLE 33. (CONT'D) PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA 2/

NAME	AR1	IL1	KS2	KY1	MS1	NJ2	RI1	VA1	WA3	WI1	MEAN
GE-1	73.3	76.7	61.7	96.7	48.3	53.3	68.3	75.0	63.3	87.0	70.4
REMBRANDT	50.3	83.3	58.3	90.3	48.3	60.0	75.3	81.7	70.0	85.0	70.3
J-140	73.7	76.7	65.0	93.0	45.0	51.7	73.3	78.3	66.7	78.3	70.2
RAD-TF17	73.0	83.3	56.7	91.3	45.0	56.7	73.3	71.7	66.7	83.3	70.1
BULLSEYE	77.3	73.3	53.3	96.7	43.3	56.7	72.7	81.7	60.0	85.7	70.1
PST-5HP	65.7	83.3	61.7	92.7	48.3	51.7	70.3	76.7	63.3	86.7	70.0
STR-8BB5	75.3	81.7	53.3	96.7	46.7	53.3	71.7	75.0	63.3	82.3	69.9
HEMI	74.0	73.3	63.3	96.7	46.7	50.0	73.3	75.0	66.7	80.0	69.9
AST-1	72.3	75.0	58.3	86.3	48.3	53.3	80.0	76.7	66.7	81.7	69.9
TAHOE II	71.3	80.0	60.0	90.0	43.3	50.0	72.3	73.3	76.7	81.7	69.9
TRAVERSE SRP (RK-1)	68.3	78.3	60.0	94.3	45.0	56.7	70.7	80.0	66.7	76.7	69.7
BAR FA 6363	77.3	66.7	58.3	92.7	48.3	55.0	75.3	71.7	66.7	81.0	69.3
DP 50-9411	70.3	73.3	68.3	88.0	46.7	55.0	69.3	76.7	63.3	81.7	69.3
TITANIUM LS (MVS-BB-1)	70.3	75.0	70.0	91.0	46.7	45.0	65.0	75.0	70.0	84.3	69.2
MVS-341	65.7	80.0	55.0	94.0	45.0	45.0	70.0	80.0	73.3	84.0	69.2
FAT CAT (IS-TF-161)	71.7	76.7	61.7	92.0	48.3	55.0	73.3	75.0	63.3	73.3	69.0
JAMBOREE (IS-TF-128)	69.3	80.0	56.7	96.3	48.3	51.7	66.7	78.3	66.7	76.0	69.0
JT-33	71.3	73.3	63.3	89.0	50.0	51.7	70.0	80.0	63.3	76.7	68.9
NA-BT-1	58.0	78.3	70.0	97.0	48.3	48.3	68.3	71.7	63.3	85.0	68.8
ATF-1199	67.3	78.3	55.0	92.0	46.7	51.7	75.0	78.3	63.3	80.0	68.8
TALLADEGA (RP 3)	75.3	63.3	48.3	92.3	45.0	53.3	78.7	76.7	66.7	86.0	68.6
AST-4	73.0	63.3	60.0	97.7	46.7	51.7	67.3	76.7	66.7	81.7	68.5
PSG-TTRH	68.3	68.3	68.3	64.7	50.0	48.3	71.7	83.3	76.7	84.3	68.4
BGR-TF2	68.3	80.0	60.0	91.3	46.7	50.0	77.7	68.3	60.0	79.3	68.2
AST 7003	70.3	71.7	53.3	89.7	46.7	53.3	76.7	73.3	70.0	76.7	68.2
ATF 1247	71.3	68.3	58.3	96.7	46.7	51.7	76.7	71.7	60.0	80.0	68.1
RHAMBLER SRP (RHAMBLER)	66.3	73.3	70.0	85.7	46.7	50.0	71.0	80.0	63.3	75.0	68.1
TULSA TIME (TULSA III)	70.7	65.0	61.7	93.0	48.3	53.3	71.0	75.0	66.7	76.7	68.1
AST-3	71.7	75.0	58.3	91.3	46.7	43.3	79.0	71.7	70.0	73.3	68.0
ROCKET (IS-TF-147)	71.3	73.3	60.0	95.0	46.7	46.7	69.0	78.3	63.3	76.7	68.0
SR 8650 (STR-8LMM)	69.3	75.0	61.7	84.7	50.0	48.3	70.3	83.3	63.3	73.3	67.9
PSG-85QR	71.3	78.3	65.0	78.0	46.7	53.3	66.7	76.7	66.7	76.7	67.9
LS-03	68.0	75.0	48.3	97.7	48.3	48.3	70.0	68.3	66.7	86.7	67.7
GWTF	62.3	75.0	60.0	96.3	46.7	45.0	70.7	81.7	63.3	76.0	67.7
FIRECRACKER LS (MVS-MST)	75.7	68.3	51.7	96.3	46.7	48.3	68.3	80.0	60.0	80.0	67.5
MVS-1107	63.7	71.7	56.7	92.7	48.3	50.0	73.3	78.3	66.7	73.3	67.5
IS-TF-135	69.7	70.0	56.7	94.7	46.7	48.3	76.7	80.0	60.0	71.7	67.4
TURBO	63.3	63.3	53.3	92.7	48.3	53.3	66.7	83.3	66.7	80.7	67.2
J-130	71.0	65.0	63.3	90.0	48.3	51.7	70.0	76.7	56.7	78.3	67.1
KZ-1	66.7	75.0	58.3	94.7	46.7	48.3	71.0	76.7	56.7	76.7	67.1
AST 7002	70.3	70.0	55.0	91.7	45.0	46.7	68.3	71.7	63.3	88.3	67.0
COL-1	67.3	80.0	43.3	92.0	45.0	51.7	70.0	80.0	60.0	81.0	67.0
IS-TF-152	68.0	71.7	51.7	91.7	48.3	51.7	68.3	81.7	60.0	76.7	67.0
LS-06	58.3	75.0	56.7	94.3	45.0	48.3	65.7	78.3	63.3	84.3	66.9

TABLE 33. (CONT'D) PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA 2/

NAME	AR1	IL1	KS2	KY1	MS1	NJ2	RI1	VA1	WA3	WI1	MEAN
BGR-TF1	59.0	76.7	61.7	97.3	46.7	43.3	63.3	71.7	66.7	82.7	66.9
AST-2	68.3	83.3	46.7	93.3	45.0	40.0	70.0	75.0	66.7	80.0	66.8
RNP	74.0	63.3	63.3	90.7	48.3	48.3	68.3	75.0	63.3	73.3	66.8
CEZANNE RZ (LTP-CRL)	65.0	71.7	51.7	97.7	45.0	58.3	66.7	71.7	60.0	79.3	66.7
DP 50-9440	73.0	73.3	65.0	83.3	48.3	48.3	73.3	68.3	53.3	80.0	66.6
BAR FA 6253	61.0	61.7	55.0	92.7	48.3	53.3	71.7	75.0	70.0	76.7	66.5
IS-TF-159	67.7	73.3	55.0	95.0	48.3	43.3	76.0	76.7	56.7	71.0	66.3
NA-SS	74.0	68.3	50.0	96.0	46.7	51.7	60.0	63.3	70.0	82.7	66.3
COL-M	74.3	73.3	46.7	95.7	46.7	43.3	70.0	78.3	53.3	77.3	65.9
ATF 1328	70.7	70.0	53.3	92.7	43.3	48.3	68.3	71.7	63.3	76.7	65.8
HUNTER	52.0	71.7	53.3	82.7	48.3	50.0	70.0	83.3	60.0	83.3	65.5
TOCCOA (IS-TF-151)	56.0	76.7	63.3	93.3	45.0	46.7	64.3	71.7	63.3	73.3	65.4
RAPTOR II (MVS-TF-158)	72.7	75.0	41.7	85.3	46.7	48.3	71.7	76.7	56.7	78.3	65.3
KZ-2	72.7	78.3	56.7	86.3	45.0	43.3	66.7	68.3	60.0	73.3	65.1
STR-8GRQR	59.7	71.7	53.3	88.0	46.7	56.7	68.3	71.7	53.3	76.7	64.6
0312	64.3	68.3	61.7	89.3	45.0	43.3	61.7	78.3	60.0	73.3	64.5
06-WALK	63.0	71.7	55.0	85.0	43.3	50.0	66.7	61.7	66.7	78.3	64.1
DARLINGTON (CS-TF1)	63.0	61.7	65.0	94.3	46.7	43.3	63.3	65.0	70.0	66.7	63.9
COL-J	71.7	58.3	46.7	84.7	46.7	46.7	71.7	81.7	46.7	81.7	63.6
DKS	54.0	73.3	60.0	81.3	46.7	43.3	72.7	76.7	46.7	79.3	63.4
IS-TF-138	64.0	71.7	50.0	82.7	40.0	48.3	69.0	78.3	60.0	70.0	63.4
LS-11	72.0	75.0	51.7	63.3	46.7	45.0	56.7	71.7	73.3	76.7	63.2
PSG-RNDR	70.7	65.0	50.0	81.3	41.7	53.3	64.3	78.3	53.3	73.3	63.1
AGGRESSOR (IS-TF-153)	66.7	65.0	61.7	80.0	48.3	45.0	56.0	70.0	63.3	75.0	63.1
AST 7001	58.3	58.3	48.3	89.7	46.7	46.7	70.0	66.7	63.3	76.7	62.5
LSD VALUE	19.7	15.3	20.4	15.4	5.0	11.0	15.1	13.7	15.1	10.6	4.7
C.V. (%)	17.4	12.7	20.2	10.4	6.6	13.2	13.0	11.0	14.1	8.1	13.2

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 34. ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	MN1	UT1	MEAN	NAME	MN1	UT1	MEAN
3RD MILLENNIUM SRP	6.7	5.0	5.8	IS-TF-135	5.0	4.3	4.7
KY-31	6.7	4.7	5.7	JT-42	5.0	4.3	4.7
EINSTEIN	6.0	5.0	5.5	KO6-WA	5.0	4.3	4.7
MAGELLAN	6.0	4.7	5.3	MVS-1107	5.0	4.3	4.7
RK 4	6.0	4.7	5.3	RAPTOR II (MVS-TF-158)	5.3	4.0	4.7
ARISTOTLE	5.3	5.3	5.3	RK 6	5.0	4.3	4.7
REMBRANDT	6.3	4.3	5.3	AST-4	4.7	4.3	4.5
MONET (LTP-610 CL)	5.7	4.7	5.2	ATF 1247	5.0	4.0	4.5
TRAVERSE SRP (RK-1)	5.7	4.7	5.2	GO-1BFD	5.0	4.0	4.5
LINDBERGH	5.0	5.3	5.2	IS-TF-159	5.0	4.0	4.5
BILTMORE	5.0	5.0	5.0	JAMBOREE (IS-TF-128)	5.3	3.7	4.5
FIRENZA	6.3	3.7	5.0	JT-36	4.7	4.3	4.5
GE-1	6.0	4.0	5.0	RAD-TF17	4.7	4.3	4.5
PLATO	5.0	5.0	5.0	RHAMBLER SRP (RHAMBLER)	4.7	4.3	4.5
ROCKET (IS-TF-147)	6.0	4.0	5.0	RNP	4.3	4.7	4.5
SC-1	5.7	4.3	5.0	TALLADEGA (RP 3)	5.0	4.0	4.5
SPYDER LS (Z-2000)	5.7	4.3	5.0	TITANIUM LS (MVS-BB-1)	5.0	4.0	4.5
TG 50-9460	5.3	4.7	5.0	AST-1	4.7	4.0	4.3
TURBO	5.3	4.7	5.0	BGR-TF1	4.7	4.0	4.3
ATM	5.0	4.7	4.8	GWTF	4.0	4.7	4.3
ESCALADE	5.0	4.7	4.8	NA-BT-1	4.7	4.0	4.3
PADRE	5.0	4.7	4.8	PSG-RNDR	4.7	4.0	4.3
PSG-82BR	5.7	4.0	4.8	RK 5	4.7	4.0	4.3
WOLFPACK (PST-5WMB)	4.7	5.0	4.8	SPEEDWAY (STR-8BPDX)	4.7	4.0	4.3
RP 2	5.0	4.7	4.8	TOCCOA (IS-TF-151)	4.7	4.0	4.3
SILVERADO	5.0	4.7	4.8	AST 7003	4.3	4.3	4.3
ATF-1199	5.3	4.3	4.8	MVS-341	4.3	4.3	4.3
CE 1	5.3	4.3	4.8	STR-8BB5	4.3	4.3	4.3
FALCON IV	6.3	3.3	4.8	TURBO RZ (BURL-TF8)	5.0	3.7	4.3
JUSTICE	5.3	4.3	4.8	VAN GOGH (LTP-RK2)	4.3	4.3	4.3
REBEL IV	6.0	3.7	4.8	ATF 1328	5.0	3.3	4.2
SH 3	5.3	4.3	4.8	DP 50-9407	3.7	4.7	4.2
DARLINGTON (CS-TF1)	4.7	4.7	4.7	IS-TF-138	5.0	3.3	4.2
JT-45	5.7	3.7	4.7	J-130	5.0	3.3	4.2
PSG-85QR	5.7	3.7	4.7	J-140	5.0	3.3	4.2
PSG-TTRH	4.7	4.7	4.7	JT-41	5.0	3.3	4.2
SKYLINE	6.0	3.3	4.7	LS-11	4.7	3.7	4.2
O6-DUST	5.3	4.0	4.7	PST-5HP	4.7	3.7	4.2
AGGRESSOR (IS-TF-153)	5.3	4.0	4.7	RKCL	4.7	3.7	4.2
BULLSEYE	5.3	4.0	4.7	STR-8GRQR	5.0	3.3	4.2
CEZANNE RZ (LTP-CRL)	5.0	4.3	4.7	AST 7002	4.3	4.0	4.2
				DP 50-9411	4.0	4.3	4.2

TABLE 34. ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	MN1	UT1	MEAN
FIRECRACKER LS (MVS-MST)	4.3	4.0	4.2
IS-TF-152	5.3	3.0	4.2
JT-33	4.3	4.0	4.2
KZ-1	4.3	4.0	4.2
LS-06	4.3	4.0	4.2
NA-SS	4.3	4.0	4.2
PSG-TTST	4.0	4.3	4.2
TULSA TIME (TULSA III)	4.3	4.0	4.2
06-WALK	4.7	3.3	4.0
AST 7001	4.3	3.7	4.0
BAR FA 6363	4.3	3.7	4.0
DP 50-9440	4.3	3.7	4.0
HEMI	4.7	3.3	4.0
HUNTER	4.0	4.0	4.0
MUSTANG 4 (M4)	4.7	3.3	4.0
SR 8650 (STR-8LMM)	4.3	3.7	4.0
TAHOE II	3.7	4.3	4.0
AST-2	3.7	4.0	3.8
AST-3	3.7	4.0	3.8
BAR FA 6253	4.3	3.3	3.8
COL-1	4.0	3.7	3.8
COL-J	4.3	3.3	3.8
DKS	4.3	3.3	3.8
ESSENTIAL (IS-TF-154)	3.7	4.0	3.8
FAT CAT (IS-TF-161)	4.3	3.3	3.8
LS-03	3.7	4.0	3.8
BGR-TF2	4.0	3.3	3.7
COL-M	4.0	3.3	3.7
KZ-2	4.0	3.3	3.7
0312	3.7	3.3	3.5
LSD VALUE	1.6	0.9	0.9
C.V. (%)	20.0	14.3	17.9

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 35. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT KNOXVILLE, TN 2/
2007 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
REBEL IV	55.0	86.0	86.7	75.9
3RD MILLENNIUM SRP	50.0	88.7	88.7	75.8
RK 6	56.7	84.0	86.7	75.8
06-DUST	55.0	84.3	86.7	75.3
RK 5	48.3	87.7	88.3	74.8
TURBO	50.0	86.0	88.3	74.8
TG 50-9460	50.0	85.7	88.3	74.7
FIRENZA	51.7	85.0	87.0	74.6
BGR-TF1	53.3	83.3	86.7	74.4
JT-42	55.0	83.3	85.0	74.4
JUSTICE	53.3	84.0	86.0	74.4
SPYDER LS (Z-2000)	51.7	85.7	86.0	74.4
TALLADEGA (RP 3)	53.3	84.0	86.0	74.4
TRAVERSE SRP (RK-1)	55.0	83.0	85.0	74.3
EINSTEIN	48.3	86.7	87.7	74.2
IS-TF-152	48.3	86.0	88.3	74.2
ARISTOTLE	48.3	86.7	87.3	74.1
LINDBERGH	55.0	83.0	84.3	74.1
RAD-TF17	51.7	84.0	86.0	73.9
ATM	51.7	84.0	85.7	73.8
JT-45	53.3	83.0	85.0	73.8
K06-WA	55.0	81.3	85.0	73.8
KZ-1	53.3	83.0	85.0	73.8
REMBRANDT	50.0	84.0	87.0	73.7
DP 50-9407	50.0	84.0	86.7	73.6
LS-06	50.0	84.0	86.7	73.6
PLATO	51.7	84.0	85.0	73.6
PST-5HP	53.3	82.3	85.0	73.6
DARLINGTON (CS-TF1)	53.3	83.0	84.0	73.4
BGR-TF2	48.3	85.0	86.7	73.3
AST-2	48.3	84.3	86.7	73.1
GWTF	50.0	83.0	86.0	73.0
NA-BT-1	46.7	85.7	86.7	73.0
AST-1	51.7	83.0	84.0	72.9
MONET (LTP-610 CL)	50.0	83.3	85.0	72.8
LS-11	53.3	81.3	83.3	72.7
NA-SS	50.0	83.0	85.0	72.7
RKCL	50.0	82.3	85.7	72.7
SPEEDWAY (STR-8BPDX)	50.0	83.0	85.0	72.7
STR-8BB5	50.0	83.0	85.0	72.7
SC-1	50.0	83.0	84.7	72.6
AST 7002	48.3	84.0	85.0	72.4
ATF-1199	51.7	82.3	83.3	72.4
MVS-341	50.0	82.0	85.0	72.3
STR-8GRQR	48.3	83.0	85.7	72.3
DKS	46.7	84.0	86.0	72.2
IS-TF-135	46.7	84.0	86.0	72.2

TABLE 35. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT KNOXVILLE, TN 2/
2007 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
RK 4	48.3	83.0	85.0	72.1
RP 2	50.0	81.3	85.0	72.1
TOCCOA (IS-TF-151)	48.3	82.3	85.7	72.1
TULSA TIME (TULSA III)	47.7	82.3	86.0	72.0
FALCON IV	46.7	84.0	85.0	71.9
J-140	46.7	84.0	85.0	71.9
PSG-TTRH	50.0	81.3	84.3	71.9
SR 8650 (STR-8LMM)	46.7	83.0	86.0	71.9
JAMBOREE (IS-TF-128)	48.3	82.3	84.7	71.8
KY-31	46.7	83.0	85.7	71.8
ESCALADE	50.0	80.7	84.3	71.7
PADRE	48.3	82.0	84.7	71.7
06-WALK	48.3	81.3	85.0	71.6
COL-M	46.7	83.0	85.0	71.6
TAHOE II	48.3	81.3	85.0	71.6
ESSENTIAL (IS-TF-154)	46.7	83.3	84.3	71.4
WOLFPACK (PST-5WMB)	50.0	81.0	83.3	71.4
SKYLINE	46.7	82.3	85.3	71.4
TURBO RZ (BURL-TF8)	45.0	83.3	86.0	71.4
JT-41	51.7	79.7	82.7	71.3
SILVERADO	48.3	82.3	83.3	71.3
BILTMORE	46.7	82.0	85.0	71.2
MUSTANG 4 (M4)	46.7	83.0	84.0	71.2
RAPTOR II (MVS-TF-158)	45.0	84.3	84.3	71.2
COL-J	45.0	82.3	86.0	71.1
AGGRESSOR (IS-TF-153)	46.7	81.3	85.0	71.0
AST 7001	46.7	81.3	85.0	71.0
AST-4	46.7	82.3	84.0	71.0
MAGELLAN	46.7	81.3	85.0	71.0
PSG-85QR	46.7	81.3	85.0	71.0
PSG-82BR	45.0	82.0	85.0	70.7
PSG-RNDR	45.0	83.0	84.0	70.7
GO-1BFD	48.3	79.0	84.3	70.6
IS-TF-138	43.3	82.3	86.0	70.6
LS-03	45.0	81.7	85.0	70.6
ROCKET (IS-TF-147)	43.3	82.3	86.0	70.6
ATF 1247	46.7	81.3	83.3	70.4
BAR FA 6253	48.3	79.0	84.0	70.4
DP 50-9440	45.0	81.3	85.0	70.4
JT-36	45.0	81.3	85.0	70.4
AST 7003	45.0	81.7	84.3	70.3
HEMI	45.0	82.0	84.0	70.3
CEZANNE RZ (LTP-CRL)	43.3	82.3	85.0	70.2
COL-1	41.7	83.0	85.7	70.1
GE-1	45.0	81.3	84.0	70.1
IS-TF-159	43.3	82.0	85.0	70.1
J-130	43.3	81.3	85.0	69.9

TABLE 35. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT KNOXVILLE, TN 2/

2007 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
VAN GOGH (LTP-RK2)	43.3	81.3	85.0	69.9
BULLSEYE	43.3	81.7	84.0	69.7
TITANIUM LS (MVS-BB-1)	41.7	82.0	85.0	69.6
ATF 1328	43.3	80.7	84.3	69.4
JT-33	48.3	78.3	81.7	69.4
PSG-TTST	41.7	81.3	85.0	69.3
AST-3	40.0	82.3	85.0	69.1
DP 50-9411	38.3	82.3	86.7	69.1
RHAMBLER SRP (RHAMBLER)	38.3	84.0	85.0	69.1
KZ-2	41.7	81.3	84.0	69.0
FIRECRACKER LS (MVS-MST)	43.3	79.7	83.3	68.8
SH 3	46.7	78.3	81.0	68.7
HUNTER	45.0	79.0	81.7	68.6
MVS-1107	41.7	79.0	83.3	68.0
FAT CAT (IS-TF-161)	45.0	76.7	80.7	67.4
BAR FA 6363	43.3	76.7	81.7	67.2
RNP	41.7	76.7	81.7	66.7
CE 1	40.0	77.3	81.7	66.3
0312	38.3	70.7	80.0	63.0
LSD VALUE	20.2	10.0	7.2	10.0
C.V. (%)	13.0	4.3	2.8	4.6

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 36. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT DALLAS, TX 2/
2007 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
3RD MILLENNIUM SRP	40.0	80.0	90.0	90.0	93.0	78.6
RK 4	33.3	80.0	83.3	90.0	96.0	76.5
GE-1	36.7	70.0	83.3	90.0	90.0	74.0
LINDBERGH	26.7	70.0	83.3	86.7	92.7	71.9
AST-3	23.3	73.3	83.3	83.3	93.0	71.3
PADRE	36.7	70.0	76.7	80.0	89.7	70.6
JT-36	26.7	70.0	80.0	80.0	93.0	69.9
HUNTER	23.3	66.7	80.0	83.3	93.0	69.3
RHAMBLER SRP (RHAMBLER)	23.3	70.0	80.0	80.0	93.0	69.3
SH 3	26.7	63.3	83.3	83.3	89.7	69.3
RAD-TF17	20.0	66.7	80.0	83.3	93.0	68.6
06-DUST	26.7	66.7	80.0	80.0	86.7	68.0
PLATO	33.3	56.7	80.0	80.0	90.0	68.0
DKS	23.3	63.3	76.7	83.3	89.7	67.3
NA-BT-1	23.3	63.3	80.0	80.0	90.0	67.3
WOLFPACK (PST-5WMB)	20.0	63.3	80.0	80.0	93.0	67.3
SPYDER LS (Z-2000)	26.7	66.7	76.7	76.7	89.7	67.3
STR-8BB5	20.0	66.7	76.7	80.0	90.0	66.7
TOCCOA (IS-TF-151)	26.7	63.3	76.7	76.7	90.0	66.7
PST-5HP	26.7	63.3	76.7	80.0	86.3	66.6
COL-M	20.0	66.7	76.7	76.7	90.0	66.0
RP 2	23.3	66.7	76.7	76.7	86.7	66.0
TALLADEGA (RP 3)	26.7	56.7	76.7	80.0	90.0	66.0
TRAVERSE SRP (RK-1)	16.7	66.7	76.7	80.0	90.0	66.0
BILTMORE	26.7	60.0	76.7	80.0	83.3	65.3
RK 5	26.7	60.0	73.3	76.7	90.0	65.3
RKCL	23.3	63.3	76.7	76.7	86.7	65.3
AST-4	20.0	56.7	76.7	80.0	90.0	64.7
GWTF	20.0	63.3	76.7	76.7	86.7	64.7
SPEEDWAY (STR-8BPDX)	16.7	60.0	80.0	80.0	86.7	64.7
06-WALK	16.7	60.0	76.7	80.0	89.7	64.6
AST 7002	23.3	60.0	76.7	76.7	83.3	64.0
AST-2	20.0	53.3	76.7	80.0	90.0	64.0
BGR-TF2	23.3	56.7	76.7	76.7	86.7	64.0
IS-TF-152	20.0	60.0	76.7	76.7	86.7	64.0
CE 1	23.3	60.0	70.0	73.3	93.0	63.9
PSG-RNDR	16.7	56.7	73.3	80.0	93.0	63.9
IS-TF-138	23.3	70.0	73.3	73.3	76.7	63.3
J-140	23.3	53.3	76.7	76.7	86.7	63.3
LS-06	26.7	53.3	73.3	80.0	83.3	63.3
MVS-1107	20.0	56.7	76.7	76.7	86.7	63.3
GO-1BFD	20.0	56.7	70.0	76.7	90.0	62.7
MVS-341	30.0	60.0	70.0	70.0	83.3	62.7
PSG-85QR	16.7	56.7	76.7	76.7	86.7	62.7
FIRECRACKER LS (MVS-MST)	23.3	56.7	70.0	76.7	86.3	62.6
REMBRANDT	23.3	56.7	70.0	73.3	89.7	62.6
FALCON IV	16.7	53.3	76.7	76.7	86.7	62.0

TABLE 36. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT DALLAS, TX 2/
2007 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
MUSTANG 4 (M4)	23.3	50.0	70.0	76.7	90.0	62.0
TAHOE II	30.0	53.3	73.3	73.3	80.0	62.0
TULSA TIME (TULSA III)	20.0	56.7	70.0	73.3	90.0	62.0
DARLINGTON (CS-TF1)	20.0	56.7	70.0	73.3	86.7	61.3
RNP	13.3	50.0	76.7	76.7	89.7	61.3
SILVERADO	23.3	53.3	70.0	73.3	86.7	61.3
TITANIUM LS (MVS-BB-1)	20.0	56.7	70.0	73.3	86.7	61.3
ATF 1247	20.0	50.0	73.3	73.3	86.7	60.7
DP 50-9440	26.7	53.3	63.3	73.3	86.7	60.7
IS-TF-159	20.0	56.7	70.0	70.0	86.7	60.7
JT-42	20.0	56.7	70.0	73.3	83.3	60.7
LS-11	26.7	56.7	70.0	70.0	80.0	60.7
PSG-82BR	23.3	53.3	66.7	66.7	93.0	60.6
RK 6	25.0	53.3	70.0	70.0	83.3	60.3
AST 7003	16.7	53.3	70.0	76.7	83.3	60.0
CEZANNE RZ (LTP-CRL)	20.0	46.7	73.3	73.3	86.7	60.0
FIRENZA	26.7	53.3	66.7	66.7	86.7	60.0
MAGELLAN	20.0	50.0	70.0	73.3	86.7	60.0
ATM	23.3	60.0	63.3	63.3	89.7	59.9
KY-31	23.3	53.3	66.7	70.0	86.3	59.9
ATF-1199	20.0	53.3	70.0	70.0	83.3	59.3
BULLSEYE	16.7	56.7	73.3	73.3	76.7	59.3
J-130	16.7	50.0	70.0	73.3	86.3	59.3
LS-03	16.7	56.7	70.0	70.0	83.3	59.3
NA-SS	20.0	46.7	70.0	76.7	83.3	59.3
SC-1	20.0	53.3	66.7	70.0	86.7	59.3
VAN GOGH (LTP-RK2)	13.3	50.0	70.0	73.3	89.7	59.3
BGR-TF1	20.0	50.0	70.0	70.0	83.3	58.7
KO6-WA	20.0	46.7	66.7	73.3	86.7	58.7
SKYLINE	16.7	46.7	66.7	76.7	86.7	58.7
TG 50-9460	23.3	50.0	66.7	66.7	86.7	58.7
ESCALADE	20.0	46.7	70.0	76.7	79.7	58.6
SR 8650 (STR-8LMM)	13.3	50.0	66.7	76.7	86.3	58.6
COL-J	16.7	46.7	66.7	73.3	86.7	58.0
JT-45	23.3	53.3	66.7	70.0	76.7	58.0
AST-1	16.7	46.7	66.7	70.0	86.7	57.3
ATF 1328	16.7	50.0	66.7	66.7	86.7	57.3
DP 50-9407	20.0	43.3	66.7	73.3	83.3	57.3
JT-41	16.7	43.3	70.0	73.3	83.3	57.3
ESSENTIAL (IS-TF-154)	26.7	50.0	63.3	66.7	76.7	56.7
KZ-1	26.7	46.7	66.7	66.7	76.7	56.7
MONET (LTP-610 CL)	20.0	43.3	66.7	66.7	86.7	56.7
TURBO	20.0	46.7	63.3	70.0	83.3	56.7
BAR FA 6253	10.0	40.0	70.0	73.3	86.7	56.0
DP 50-9411	20.0	40.0	66.7	73.3	80.0	56.0
AST 7001	20.0	43.3	63.3	66.7	83.3	55.3
BAR FA 6363	16.7	46.7	63.3	66.7	83.3	55.3

TABLE 36. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT DALLAS, TX 2/

2007 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
IS-TF-135	20.0	46.7	63.3	63.3	83.3	55.3
PSG-TTST	23.3	46.7	60.0	63.3	83.3	55.3
RAPTOR II (MVS-TF-158)	16.7	46.7	60.0	63.3	86.7	54.7
AGGRESSOR (IS-TF-153)	16.7	40.0	60.0	66.7	86.7	54.0
COL-1	16.7	43.3	63.3	66.7	80.0	54.0
EINSTEIN	16.7	46.7	60.0	63.3	83.3	54.0
KZ-2	16.7	46.7	63.3	66.7	76.7	54.0
STR-8GRQR	10.0	43.3	66.7	70.0	80.0	54.0
JUSTICE	16.7	43.3	63.3	63.3	76.7	52.7
REBEL IV	16.7	40.0	63.3	63.3	80.0	52.7
FAT CAT (IS-TF-161)	16.7	40.0	60.0	60.0	80.0	51.3
HEMI	16.7	46.7	56.7	63.3	73.3	51.3
PSG-TTRH	16.7	46.7	60.0	60.0	73.0	51.3
ROCKET (IS-TF-147)	16.7	30.0	56.7	63.3	83.3	50.0
ARISTOTLE	20.0	36.7	56.7	63.3	73.0	49.9
0312	15.0	40.0	60.0	60.0	73.3	49.7
JT-33	20.0	40.0	50.0	50.0	73.3	46.7
TURBO RZ (BURL-TF8)	16.7	30.0	50.0	53.3	66.7	43.3
JAMBOREE (IS-TF-128)	13.3	30.0	46.7	46.7	63.3	40.0
LSD VALUE	35.5	45.0	39.0	30.9	38.6	30.2
C.V. (%)	41.1	27.7	16.9	15.2	11.2	15.9

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 37. WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA

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

NAME	WA3	NAME	WA3
RP 2	8.3	KZ-2	7.3
CEZANNE RZ (LTP-CRL)	8.0	LINDBERGH	7.3
EINSTEIN	8.0	RHAMBLER SRP (RHAMBLER)	7.3
ESCALADE	8.0	RK 6	7.3
KO6-WA	8.0	ROCKET (IS-TF-147)	7.3
MONET (LTP-610 CL)	8.0	SPYDER LS (Z-2000)	7.3
NA-BT-1	8.0	STR-8BB5	7.3
RKCL	8.0	TAHOE II	7.3
TITANIUM LS (MVS-BB-1)	8.0	TULSA TIME (TULSA III)	7.3
TURBO	8.0	TURBO RZ (BURL-TF8)	7.3
06-DUST	7.7	ATF 1247	7.0
AGGRESSOR (IS-TF-153)	7.7	ATF 1328	7.0
AST 7003	7.7	DKS	7.0
BILTMORE	7.7	DP 50-9407	7.0
ESSENTIAL (IS-TF-154)	7.7	FIRECRACKER LS (MVS-MST)	7.0
FIRENZA	7.7	GO-1BFD	7.0
J-140	7.7	IS-TF-152	7.0
JT-36	7.7	JT-45	7.0
MVS-1107	7.7	LS-03	7.0
WOLFPACK (PST-5WMB)	7.7	LS-06	7.0
REMBRANDT	7.7	LS-11	7.0
RK 4	7.7	MUSTANG 4 (M4)	7.0
SH 3	7.7	MVS-341	7.0
SKYLINE	7.7	PADRE	7.0
0312	7.3	PLATO	7.0
06-WALK	7.3	PSG-TTRH	7.0
3RD MILLENNIUM SRP	7.3	RAPTOR II (MVS-TF-158)	7.0
ARISTOTLE	7.3	REBEL IV	7.0
AST-3	7.3	SC-1	7.0
ATM	7.3	SR 8650 (STR-8LMM)	7.0
BAR FA 6253	7.3	TALLADEGA (RP 3)	7.0
BULLSEYE	7.3	TOCCOA (IS-TF-151)	7.0
CE 1	7.3	TRAVERSE SRP (RK-1)	7.0
COL-M	7.3	AST 7001	6.7
DARLINGTON (CS-TF1)	7.3	AST 7002	6.7
DP 50-9440	7.3	AST-1	6.7
FAT CAT (IS-TF-161)	7.3	ATF-1199	6.7
HEMI	7.3	COL-1	6.7
IS-TF-138	7.3	COL-J	6.7
J-130	7.3	DP 50-9411	6.7
KZ-1	7.3	FALCON IV	6.7
		GE-1	6.7

TABLE 37. WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA

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

NAME	WA3
HUNTER	6.7
IS-TF-135	6.7
IS-TF-159	6.7
JT-33	6.7
JT-41	6.7
JT-42	6.7
MAGELLAN	6.7
NA-SS	6.7
PSG-82BR	6.7
PSG-85QR	6.7
PST-5HP	6.7
RAD-TF17	6.7
RK 5	6.7
SPEEDWAY (STR-8BPDX)	6.7
STR-8GRQR	6.7
VAN GOGH (LTP-RK2)	6.7
BGR-TF1	6.5
AST-2	6.3
AST-4	6.3
BAR FA 6363	6.3
BGR-TF2	6.3
GWTF	6.3
JAMBOREE (IS-TF-128)	6.3
JUSTICE	6.3
PSG-RNDR	6.3
PSG-TTST	6.3
RNP	6.3
TG 50-9460	6.3
KY-31	6.0
SILVERADO	6.0
LSD VALUE	1.1
C.V. (%)	9.8

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

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

TABLE 38. PERCENT WEED RATINGS OF TALL FESCUE CULTIVARS 1/
2007 DATA 2/

NAME	WA3	NAME	WA3
LS-03	36.7	AST 7001	26.7
HUNTER	35.0	BAR FA 6363	26.7
COL-J	34.2	JUSTICE	26.7
DKS	33.3	RHAMBLER SRP (RHAMBLER)	26.7
GE-1	33.3	TALLADEGA (RP 3)	26.7
KZ-1	33.3	TURBO	26.7
LS-06	33.3	AST-3	25.8
RAD-TF17	33.3	ATF 1247	25.8
AST 7003	31.7	06-WALK	25.0
AST-1	31.7	BULLSEYE	25.0
AST-4	31.7	DARLINGTON (CS-TF1)	25.0
ATF 1328	31.7	ESCALADE	25.0
COL-M	31.7	NA-SS	25.0
IS-TF-159	31.7	REBEL IV	25.0
RNP	31.7	RK 5	25.0
STR-8GRQR	31.7	SKYLINE	25.0
AST 7002	30.8	TRAVERSE SRP (RK-1)	25.0
BGR-TF2	30.0	HEMI	24.2
FALCON IV	30.0	TITANIUM LS (MVS-BB-1)	24.2
GWTF	30.0	PSG-85QR	23.7
JT-33	30.0	AGGRESSOR (IS-TF-153)	23.3
LS-11	30.0	FIRENZA	23.3
MVS-1107	30.0	JT-41	23.3
TAHOE II	30.0	TURBO RZ (BURL-TF8)	23.3
TOCCOA (IS-TF-151)	30.0	TG 50-9460	22.7
TULSA TIME (TULSA III)	30.0	DP 50-9407	22.5
IS-TF-152	29.2	MAGELLAN	22.5
MVS-341	29.2	BAR FA 6253	21.7
PSG-82BR	29.2	JAMBOREE (IS-TF-128)	21.7
0312	28.3	SC-1	21.7
06-DUST	28.3	SH 3	21.7
ATF-1199	28.3	SPEEDWAY (STR-8BPDX)	21.7
ATM	28.3	BGR-TF1	20.8
BILTMORE	28.3	CE 1	20.8
IS-TF-135	28.3	JT-45	20.8
IS-TF-138	28.3	LINDBERGH	20.8
KZ-2	28.3	PSG-TTRH	20.8
PADRE	28.3	PSG-TTST	20.8
PSG-RNDR	28.3	PST-5HP	20.8
DP 50-9411	27.7	REMBRANDT	20.8
AST-2	27.5	ROCKET (IS-TF-147)	20.8
J-140	27.5	FAT CAT (IS-TF-161)	20.0
SILVERADO	27.5	WOLFPACK (PST-5WMB)	20.0
		RP 2	20.0

TABLE 38. PERCENT WEED RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2007 DATA 2/

NAME	WA3
VAN GOGH (LTP-RK2)	20.0
FIRECRACKER LS (MVS-MST)	19.2
GO-1BFD	19.2
MUSTANG 4 (M4)	19.2
COL-1	18.3
JT-42	18.3
SR 8650 (STR-8LMM)	18.3
3RD MILLENNIUM SRP	17.5
JT-36	17.5
RAPTOR II (MVS-TF-158)	17.5
RK 4	17.5
STR-8BB5	17.5
KY-31	17.3
PLATO	16.8
J-130	16.7
RK 6	16.7
CEZANNE RZ (LTP-CRL)	16.2
ESSENTIAL (IS-TF-154)	15.8
ARISTOTLE	15.0
RKCL	15.0
DP 50-9440	13.5
KO6-WA	13.3
NA-BT-1	12.5
SPYDER LS (Z-2000)	10.2
EINSTEIN	10.0
MONET (LTP-610 CL)	10.0
LSD VALUE	14.9
C.V. (%)	53.7

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 39. NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS
AT PUYALLUP, WA 1/
2007 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/

NAME	OCTOBER	DECEMBER	MEAN	NAME	OCTOBER	DECEMBER	MEAN
SC-1	6.7	6.0	6.3	AST-2	5.3	3.7	4.5
BULLSEYE	7.3	5.0	6.2	DP 50-9411	5.3	3.7	4.5
KO6-WA	6.7	5.3	6.0	MAGELLAN	5.3	3.7	4.5
RK 4	7.0	4.7	5.8	MVS-1107	5.0	4.0	4.5
TG 50-9460	6.3	5.0	5.7	NA-SS	5.3	3.7	4.5
TRAVERSE SRP (RK-1)	6.7	4.7	5.7	PSG-85QR	5.3	3.7	4.5
AGGRESSOR (IS-TF-153)	6.3	4.7	5.5	TOCCOA (IS-TF-151)	5.7	3.3	4.5
FIRECRACKER LS (MVS-MST)	6.3	4.7	5.5	AST 7002	5.7	3.0	4.3
FIRENZA	6.3	4.7	5.5	AST 7003	5.3	3.3	4.3
MUSTANG 4 (M4)	6.7	4.3	5.5	BAR FA 6253	5.0	3.7	4.3
RKCL	6.7	4.3	5.5	BILTMORE	5.0	3.7	4.3
IS-TF-159	6.0	4.7	5.3	DKS	5.3	3.3	4.3
NA-BT-1	6.0	4.7	5.3	DP 50-9440	5.7	3.0	4.3
SPYDER LS (Z-2000)	6.3	4.3	5.3	FALCON IV	5.0	3.7	4.3
3RD MILLENNIUM SRP	5.3	5.0	5.2	J-140	5.3	3.3	4.3
ATM	6.0	4.3	5.2	MVS-341	5.0	3.7	4.3
WOLFPACK (PST-5WMB)	6.0	4.3	5.2	PSG-RNDR	5.3	3.3	4.3
RK 6	6.0	4.3	5.2	RAPTOR II (MVS-TF-158)	5.3	3.3	4.3
TITANIUM LS (MVS-BB-1)	6.0	4.3	5.2	REBEL IV	5.0	3.7	4.3
ESSENTIAL (IS-TF-154)	5.7	4.3	5.0	TURBO RZ (BURL-TF8)	4.7	4.0	4.3
GO-1BFD	5.3	4.7	5.0	AST-1	5.0	3.3	4.2
IS-TF-138	5.7	4.3	5.0	AST-3	4.7	3.7	4.2
MONET (LTP-610 CL)	6.7	3.3	5.0	ATF 1247	5.0	3.3	4.2
RHAMBLER SRP (RHAMBLER)	5.7	4.3	5.0	ATF-1199	4.7	3.7	4.2
RK 5	5.7	4.3	5.0	CEZANNE RZ (LTP-CRL)	5.3	3.0	4.2
RP 2	6.3	3.7	5.0	EINSTEIN	4.7	3.7	4.2
SH 3	5.7	4.3	5.0	ESCALADE	5.0	3.3	4.2
SPEEDWAY (STR-8BPDX)	6.0	4.0	5.0	JT-45	4.3	4.0	4.2
DP 50-9407	5.7	4.0	4.8	KZ-2	5.0	3.3	4.2
GE-1	5.3	4.3	4.8	LINDBERGH	4.7	3.7	4.2
HEMI	5.7	4.0	4.8	PADRE	4.7	3.7	4.2
JAMBOREE (IS-TF-128)	5.3	4.3	4.8	TAHOE II	5.3	3.0	4.2
PST-5HP	5.7	4.0	4.8	06-DUST	5.3	2.7	4.0
ROCKET (IS-TF-147)	5.7	4.0	4.8	06-WALK	4.3	3.7	4.0
TALLADEGA (RP 3)	5.7	4.0	4.8	AST-4	4.7	3.3	4.0
TURBO	5.7	4.0	4.8	ATF 1328	5.7	2.3	4.0
VAN GOGH (LTP-RK2)	6.3	3.3	4.8	FAT CAT (IS-TF-161)	4.7	3.3	4.0
CE 1	5.0	4.3	4.7	IS-TF-135	5.0	3.0	4.0
PSG-82BR	6.0	3.3	4.7	IS-TF-152	5.0	3.0	4.0
SR 8650 (STR-8LMM)	5.7	3.7	4.7	LS-03	4.7	3.3	4.0
STR-8BB5	6.0	3.3	4.7	LS-06	5.0	3.0	4.0

TABLE 39. NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT PUYALLUP, WA 1/
2007 DATA

NAME	NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/ OCTOBER	DECEMBER	MEAN
SKYLINE	4.7	3.3	4.0
STR-8GRQR	5.0	3.0	4.0
TULSA TIME (TULSA III)	4.3	3.7	4.0
BGR-TF1	4.7	3.0	3.8
COL-J	4.3	3.3	3.8
J-130	4.7	3.0	3.8
JT-33	4.0	3.7	3.8
JT-36	4.7	3.0	3.8
JT-42	4.3	3.3	3.8
JUSTICE	4.7	3.0	3.8
KZ-1	4.7	3.0	3.8
REMBRANDT	4.7	3.0	3.8
RNP	3.7	4.0	3.8
COL-1	5.0	2.3	3.7
COL-M	4.3	3.0	3.7
PLATO	4.0	3.3	3.7
PSG-TTST	4.3	3.0	3.7
RAD-TF17	4.3	3.0	3.7
SILVERADO	5.0	2.3	3.7
ARISTOTLE	4.0	3.0	3.5
BAR FA 6363	4.0	3.0	3.5
BGR-TF2	4.0	3.0	3.5
DARLINGTON (CS-TF1)	4.3	2.7	3.5
GWTF	4.0	3.0	3.5
JT-41	4.3	2.7	3.5
LS-11	4.3	2.7	3.5
0312	4.3	2.3	3.3
AST 7001	4.7	2.0	3.3
PSG-TTRH	4.0	2.7	3.3
HUNTER	4.0	2.3	3.2
KY-31	4.0	2.0	3.0
LSD VALUE	1.7	1.4	1.1
C.V. (%)	16.9	21.7	14.5

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 40. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT KNOXVILLE, TN 2/
2007 DATA

NAME	JUNE	JULY	AUGUST	MEAN
EINSTEIN	25.7	23.3	21.7	23.6
PLATO	24.0	18.3	23.3	21.9
AST 7001	18.3	20.0	25.0	21.1
GO-1BFD	20.7	21.7	20.0	20.8
KY-31	16.3	16.0	30.0	20.8
REBEL IV	19.0	20.7	22.3	20.7
COL-1	13.3	20.0	28.3	20.6
06-DUST	17.3	19.3	23.3	20.0
J-140	16.7	16.0	26.7	19.8
SR 8650 (STR-8LMM)	18.3	21.0	20.0	19.8
LINDBERGH	20.0	16.7	21.7	19.4
AST 7003	16.7	17.3	23.3	19.1
DKS	18.3	12.3	26.7	19.1
KZ-2	17.3	14.3	25.0	18.9
RK 4	15.0	14.3	27.3	18.9
STR-8GRQR	17.3	18.3	21.0	18.9
TURBO	13.3	25.0	18.3	18.9
ARISTOTLE	21.7	13.0	21.7	18.8
JUSTICE	15.7	15.7	25.0	18.8
AST-2	15.0	17.7	23.3	18.7
TAHOE II	13.3	11.0	31.7	18.7
HUNTER	16.7	15.7	23.3	18.6
RK 5	18.3	21.7	15.7	18.6
SKYLINE	15.0	16.7	23.3	18.3
ESCALADE	14.0	20.0	20.0	18.0
0312	15.7	16.0	21.7	17.8
BGR-TF2	16.7	16.7	20.0	17.8
DP 50-9411	17.3	12.7	23.3	17.8
ESSENTIAL (IS-TF-154)	16.7	17.3	19.0	17.7
PST-5HP	20.7	20.0	12.3	17.7
ATF 1328	11.7	16.0	25.0	17.6
FIRECRACKER LS (MVS-MST)	20.0	18.7	14.0	17.6
IS-TF-135	15.0	15.7	21.7	17.4
JT-36	13.3	14.0	25.0	17.4
KO6-WA	11.7	17.3	23.3	17.4
AST-3	13.3	12.0	26.7	17.3
JT-33	13.3	13.3	25.0	17.2
PSG-TTRH	15.0	13.3	23.3	17.2
ROCKET (IS-TF-147)	13.3	18.3	20.0	17.2
AST-1	15.7	14.0	21.7	17.1
RNP	11.7	16.0	23.3	17.0
TRAVERSE SRP (RK-1)	13.3	17.7	20.0	17.0
LS-03	11.7	14.0	25.0	16.9
SC-1	17.3	15.0	18.3	16.9
MVS-1107	16.7	16.3	16.7	16.6

TABLE 40. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT KNOXVILLE, TN 2/
2007 DATA

NAME	JUNE	JULY	AUGUST	MEAN
06-WALK	11.7	16.0	21.7	16.4
RAD-TF17	11.7	16.0	21.7	16.4
TURBO RZ (BURL-TF8)	16.7	14.3	18.3	16.4
PSG-82BR	14.0	15.0	20.0	16.3
PSG-TTST	13.3	16.7	19.0	16.3
RKCL	17.3	13.3	18.3	16.3
SILVERADO	18.0	14.0	16.7	16.2
GWTF	13.3	15.0	20.0	16.1
MAGELLAN	10.0	16.7	21.7	16.1
MONET (LTP-610 CL)	8.3	13.3	26.7	16.1
AST 7002	11.7	15.7	20.7	16.0
STR-8BB5	15.0	14.7	18.3	16.0
3RD MILLENNIUM SRP	8.3	11.0	28.3	15.9
LS-06	10.0	9.3	28.3	15.9
TITANIUM LS (MVS-BB-1)	13.3	12.7	21.7	15.9
TOCCOA (IS-TF-151)	8.3	11.0	28.3	15.9
TULSA TIME (TULSA III)	10.0	14.3	23.3	15.9
BGR-TF1	15.0	14.0	18.3	15.8
COL-J	8.3	14.0	25.0	15.8
FAT CAT (IS-TF-161)	15.0	14.0	18.3	15.8
JT-42	15.0	15.7	16.7	15.8
PADRE	11.7	14.0	21.7	15.8
RK 6	11.7	13.7	21.7	15.7
AST-4	15.7	12.7	18.3	15.6
ATM	10.0	13.3	23.3	15.6
CE 1	13.3	12.7	20.7	15.6
CEZANNE RZ (LTP-CRL)	10.0	14.3	21.7	15.3
RAPTOR II (MVS-TF-158)	8.3	11.0	26.7	15.3
JT-41	10.0	12.3	23.3	15.2
IS-TF-138	10.0	15.0	20.0	15.0
J-130	13.3	11.7	20.0	15.0
REMBRANDT	13.3	11.7	20.0	15.0
VAN GOGH (LTP-RK2)	11.7	13.3	20.0	15.0
PSG-RNDR	10.0	14.0	20.7	14.9
SPEEDWAY (STR-8BPDX)	15.7	15.7	13.3	14.9
COL-M	8.3	11.0	25.0	14.8
WOLFPACK (PST-5WMB)	11.7	15.0	17.7	14.8
FALCON IV	15.0	15.0	14.0	14.7
LS-11	10.0	10.7	23.3	14.7
KZ-1	13.3	13.3	16.7	14.4
BILTMORE	11.7	13.0	18.3	14.3
SH 3	11.7	13.0	18.3	14.3
ATF 1247	11.0	13.3	18.3	14.2
BULLSEYE	6.7	19.0	16.7	14.1
DP 50-9440	10.0	12.3	20.0	14.1

TABLE 40. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT KNOXVILLE, TN 2/
2007 DATA

NAME	JUNE	JULY	AUGUST	MEAN
GE-1	11.7	13.3	17.3	14.1
JT-45	10.7	11.7	20.0	14.1
PSG-85QR	10.0	10.7	20.7	13.8
AGGRESSOR (IS-TF-153)	10.0	12.7	18.3	13.7
BAR FA 6363	10.0	10.0	21.0	13.7
MVS-341	12.3	12.7	16.0	13.7
TALLADEGA (RP 3)	8.3	11.0	21.7	13.7
NA-SS	10.0	13.3	17.3	13.6
SPYDER LS (Z-2000)	7.3	13.3	20.0	13.6
ATF-1199	10.0	9.3	20.7	13.3
RP 2	11.7	13.3	15.0	13.3
DARLINGTON (CS-TF1)	12.3	10.0	17.3	13.2
MUSTANG 4 (M4)	10.0	14.0	15.0	13.0
RHAMBLER SRP (RHAMBLER)	10.0	11.0	17.3	12.8
JAMBOREE (IS-TF-128)	10.0	12.3	15.7	12.7
IS-TF-152	5.0	15.0	17.7	12.6
NA-BT-1	10.0	11.0	16.7	12.6
HEMI	10.0	10.3	16.7	12.3
FIRENZA	8.3	14.3	14.0	12.2
TG 50-9460	8.3	12.7	15.0	12.0
IS-TF-159	10.0	8.7	16.7	11.8
DP 50-9407	8.3	12.7	13.3	11.4
BAR FA 6253	8.3	9.3	15.7	11.1
LSD VALUE	26.0	20.1	28.1	13.0
C.V. (%)	48.3	35.3	32.1	23.7

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
2006-07 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	2006 DATA 3/ QUALITY MEAN 1/	2006 DATA 3/ MAXIMUM IN TOP 25% 2/	2007 DATA QUALITY MEAN 1/	2007 DATA MAXIMUM IN TOP 25% 2/
0312	5.0	0.0	5.7	4.2
06-DUST	5.4	33.3	5.9	4.2
06-WALK	5.3	33.3	5.7	0.0
3RD MILLENNIUM SRP	5.3	0.0	6.4	70.8
AGGRESSOR (IS-TF-153)	5.1	0.0	6.2	25.0
ARISTOTLE	5.4	0.0	5.6	4.2
AST 7001	5.2	0.0	5.9	8.3
AST 7002	5.3	0.0	6.0	8.3
AST 7003	5.5	33.3	6.0	16.7
AST-1	5.5	33.3	6.2	41.7
AST-2	5.2	0.0	6.1	20.8
AST-3	5.3	0.0	6.2	45.8
AST-4	5.3	0.0	6.0	29.2
ATF 1247	5.4	0.0	5.8	8.3
ATF 1328	4.8	0.0	5.9	16.7
ATF-1199	4.9	0.0	6.0	20.8
ATM	5.5	33.3	6.4	54.2
BAR FA 6253	5.1	0.0	5.9	12.5
BAR FA 6363	5.1	0.0	5.7	4.2
BGR-TF1	5.4	0.0	6.1	29.2
BGR-TF2	5.2	0.0	6.0	20.8
BILTMORE	5.4	0.0	5.8	4.2
BULLSEYE	5.1	0.0	6.2	50.0
CE 1	5.2	0.0	6.0	16.7
CEZANNE RZ (LTP-CRL)	5.4	33.3	6.0	29.2
COL-1	5.1	0.0	6.0	8.3
COL-J	4.9	0.0	6.0	20.8
COL-M	5.4	33.3	6.1	20.8
DARLINGTON (CS-TF1)	5.3	0.0	6.0	16.7
DKS	5.1	0.0	6.0	12.5
DP 50-9407	5.2	0.0	6.1	16.7
DP 50-9411	4.9	0.0	6.0	20.8
DP 50-9440	5.4	33.3	6.1	25.0
EINSTEIN	5.4	0.0	5.8	12.5
ESCALADE	5.5	66.7	6.1	25.0
ESSENTIAL (IS-TF-154)	5.4	33.3	6.1	29.2
FALCON IV	5.0	0.0	5.9	20.8
FAT CAT (IS-TF-161)	5.5	33.3	6.2	41.7
FIRECRACKER LS (MVS-MST)	5.1	0.0	6.3	45.8
FIRENZA	5.5	33.3	6.3	50.0
GE-1	5.1	0.0	6.0	25.0
GO-1BFD	5.3	0.0	5.7	8.3
GWTF	4.7	0.0	6.0	29.2

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
(CONT'D) 2006 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	2006 DATA 3/ QUALITY MEAN 1/	2006 DATA 3/ MAXIMUM IN TOP 25% 2/	2007 DATA QUALITY MEAN 1/	2007 DATA MAXIMUM IN TOP 25% 2/
HEMI	5.2	0.0	6.1	16.7
HUNTER	5.2	0.0	5.9	12.5
IS-TF-135	5.2	0.0	5.9	16.7
IS-TF-138	5.1	0.0	6.1	41.7
IS-TF-152	4.9	0.0	6.1	37.5
IS-TF-159	5.1	0.0	6.1	29.2
J-130	5.2	0.0	6.1	29.2
J-140	5.2	0.0	6.2	25.0
JAMBOREE (IS-TF-128)	4.9	0.0	6.1	41.7
JT-33	5.1	0.0	5.8	4.2
JT-36	5.5	33.3	5.9	8.3
JT-41	5.2	0.0	6.0	12.5
JT-42	5.4	0.0	6.0	12.5
JT-45	5.8	33.3	5.9	8.3
JUSTICE	5.2	0.0	6.1	37.5
KO6-WA	5.7	33.3	6.6	83.3
KY-31	4.2	0.0	3.9	4.2
KZ-1	4.9	0.0	6.0	20.8
KZ-2	5.3	0.0	6.0	12.5
LINDBERGH	5.1	33.3	5.8	12.5
LS-03	5.4	0.0	6.0	20.8
LS-06	5.4	33.3	6.1	8.3
LS-11	5.3	0.0	6.0	20.8
MAGELLAN	5.2	0.0	5.8	8.3
MONET (LTP-610 CL)	5.7	33.3	6.4	62.5
MUSTANG 4 (M4)	5.1	0.0	6.3	54.2
MVS-1107	5.2	0.0	5.9	12.5
MVS-341	5.3	0.0	5.8	4.2
NA-BT-1	5.2	0.0	6.3	54.2
NA-SS	5.2	0.0	6.0	12.5
PADRE	5.3	0.0	5.8	12.5
PLATO	5.2	0.0	5.6	8.3
PSG-82BR	5.1	0.0	5.9	12.5
PSG-85QR	5.1	0.0	6.0	20.8
PSG-RNDR	4.8	0.0	5.7	12.5
PSG-TTRH	5.4	0.0	5.8	8.3
PSG-TTST	5.2	0.0	5.6	0.0
PST-5HP	5.3	0.0	6.0	25.0
WOLFPACK (PST-5WMB)	5.7	33.3	6.3	41.7
RAD-TF17	5.2	0.0	5.9	12.5
RAPTOR II (MVS-TF-158)	5.1	0.0	6.1	33.3
REBEL IV	5.1	0.0	5.9	25.0
REMBRANDT	5.4	0.0	5.9	12.5

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
(CONT'D) 2006 DATA

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

NAME	2006 DATA 3/ QUALITY MEAN 1/	2006 DATA 3/ MAXIMUM IN TOP 25% 2/	2007 DATA QUALITY MEAN 1/	2007 DATA MAXIMUM IN TOP 25% 2/
RHAMBLER SRP (RHAMBLER)	5.2	0.0	6.3	37.5
RK 4	5.6	33.3	6.2	33.3
RK 5	5.3	0.0	6.3	41.7
RK 6	5.4	33.3	6.4	66.7
RKCL	5.7	66.7	6.4	45.8
RNP	5.3	0.0	6.1	20.8
ROCKET (IS-TF-147)	5.4	33.3	6.0	12.5
RP 2	5.7	33.3	6.1	37.5
SC-1	5.5	33.3	6.4	79.2
SH 3	5.5	33.3	6.4	58.3
SILVERADO	5.1	0.0	5.1	0.0
SKYLINE	5.4	0.0	5.9	4.2
SPEEDWAY (STR-8BPDX)	5.3	0.0	6.1	20.8
SPYDER LS (Z-2000)	5.5	33.3	6.3	58.3
SR 8650 (STR-8LMM)	5.3	0.0	6.1	29.2
STR-8BB5	5.3	0.0	6.0	12.5
STR-8GRQR	4.9	0.0	5.8	4.2
TAHOE II	5.4	0.0	5.8	4.2
TALLADEGA (RP 3)	5.0	0.0	6.2	20.8
TG 50-9460	5.2	0.0	6.0	16.7
TITANIUM LS (MVS-BB-1)	5.3	0.0	6.1	25.0
TOCCOA (IS-TF-151)	5.1	0.0	6.0	29.2
TRAVERSE SRP (RK-1)	5.2	0.0	6.2	29.2
TULSA TIME (TULSA III)	5.4	33.3	6.0	20.8
TURBO	5.4	33.3	6.3	45.8
TURBO RZ (BURL-TF8)	5.6	33.3	5.9	8.3
VAN GOGH (LTP-RK2)	5.3	0.0	6.2	37.5
LSD VALUE	0.5		0.2	
C.V. (%)	8.2		9.0	

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

3/ 2006 QUALITY DATA RATED IN NOVEMBER AND DECEMBER AT "MS1" AND "WA3" ONLY.