

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 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 2009

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Riverside	CA3
California	Sunnyvale	CA6
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	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic)	NJ3
New Mexico	Las Cruces	NM1
New Mexico	Las Cruces (Saline Irrigation)	NM2
North Carolina	Raleigh	NC1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
South Dakota	Highmore (Drought Study)	SD1
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

2006 NATIONAL TALL FESCUE TEST

Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
*1	Ky-31	Standard Entry	*41	Firecracker LS (MVS-MST)	Mountain View Seeds	81	JT-36	Jacklin Seed by Simplot
*2	Spyder LS (Z-2000)	Z-Seeds	*42	Mustang 4 (M4)	Pickseed	82	JT-45	Jacklin Seed by Simplot
3	Braveheart(DP 50-9407)	DLF Trifolium A/S	43	0312	Pickseed	83	JT-42	Jacklin Seed by Simplot
4	Umbrella (DP 50-9411)	DLF Trifolium A/S	44	PSG-TTST	Smith Seed Services	84	JT-33	Jacklin Seed by Simplot
5	Cannavaro (DP 50-9440)	DLF Trifolium A/S	45	Col-1	Pickseed	85	BGR-TF1	Berger Seed Company
6	Greenbrooks (TG 50-9460)	DLF Trifolium A/S	46	J-130	Pickseed	86	BGR-TF2	Berger Seed Company
*7	Plato	Olsen Seed Company	47	Corona (Col-M)	Pickseed	*87	Gazelle II (PST-5HP)	The Scotts Company
*8	Lindbergh	Olsen Seed Company	48	Crossfire 3 (Col-J)	Pickseed	*88	Wolfpack II (PST-5WMB)	The Scotts Company
*9	Aristotle	Olsen Seed Company	*49	Hunter	LESCO, Inc.	*89	AST 7002	Allied Seed LLC
*10	Einstein	Olsen Seed Company	*50	Biltmore	LESCO, Inc.	*90	AST 7001	Allied Seed LLC
*11	Silverado	Standard Entry	*51	Padre	LESCO, Inc.	*91	Darlington (CS-TF1)	Columbia Seeds
*12	Monet (LTP-610 CL)	Lebanon Seaboard Corp.	*52	Magellan	LESCO, Inc.	92	KZ-1	KZ Seeds
*13	Cezanne Rz (LTP-CRL)	Lebanon Seaboard Corp.	53	Catelyst (NA-BT-1)	LESCO, Inc.	*93	Renovate (LS-11)	LESCO, Inc.
*14	Van Gogh (LTP-RK2)	Lebanon Seaboard Corp.	54	Stetson II (NA-SS)	LESCO, Inc.	*94	Compete (LS-06)	LESCO, Inc.
15	Ninja 3 (ATF 1247)	Ampac Seed Company	55	Finelawn Xpress (RP 2)	ProSeeds Marketing	*95	Hudson (DKS)	Smith Seed Services
16	Cochise IV (RKCL)	Ampac Seed Company	56	Falcon NG (CE 1)	ProSeeds Marketing	*96	Reunion (LS-03)	LESCO, Inc.
*17	RK 4	Pennington Seed Company	*57	Shenandoah Elite (RK 6)	ProSeeds Marketing	97	GWTF	Grassland Oregon
18	RK 5	Pennington Seed Company	*58	Falcon V (ATM)	ProSeeds Marketing	98	KZ-2	KZ Seeds
19	GE-1	Pennington Seed Company	*59	Shenandoah III (SH 3)	ProSeeds Marketing	*99	AST9002 (AST-2)	Allied Seed LLC
20	LS 1200 (SC-1)	Lewis Seed Company	60	BAR Fa 6363	Barenbrug USA	*100	AST9001 (AST-3)	Allied Seed LLC
21	ATF 1328	Lewis Seed Company	61	BAR Fa 6253	Barenbrug USA	*101	RNP	Pennington Seed Company
*22	Skyline	Burlingham Seeds	*62	Talladega (RP 3)	Columbia Seeds	102	AST1001 (AST-4)	Allied Seed LLC
*23	Hemi	Burlingham Seeds	*63	Tahoe II	Columbia Seeds	*103	AST7003	Allied Seed LLC
*24	Turbo RZ (Burl-TF8)	Burlingham Seeds	64	06-WALK	Oregro Seeds	*104	AST9003 (AST-1)	Allied Seed LLC
*25	Turbo	Burlingham Seeds	*65	Escalade	Oregro Seeds	105	J-140	Pickseed
*26	Bullseye	Burlingham Seeds	66	06-DUST	Oregro Seeds	*106	Pedigree (ATF-1199)	Pennington Seed Company
27	Trio (IS-TF-152)	Ampac Seed Company	*67	Honky Tonk (RAD-TF17)	Radix Research	*107	Justice	Standard Entry
28	Sidewinder (IS-TF-138)	Ampac Seed Company	68	PSG-85QR	Pickseed Genetics	*108	Rebel IV	Standard Entry
29	Rocket (IS-TF-147)	DLF International Seeds	69	STR-8GRQR	Seed Research of Oregon	*109	3 rd Millennium SRP	Turf Merchants, Inc.
30	Jamboree (IS-TF-128)	DLF International Seeds	70	PSG-82BR	Pickseed Genetics	*110	Traverse SPR (RK-1)	Turf Merchants, Inc.
*31	Toccoa (IS-TF-151)	Columbia Seeds	*71	Faith (K06-WA)	The Scotts Company	*111	Rhambler SRP (Rhambler)	Turf Merchants, Inc.
32	Terrier (IS-TF-135)	DLF International Seeds	72	GO-1BFD	Grassland Oregon	*112	Firenza	Integra Seeds
*33	Raptor II (MVS-TF-158)	Mountain View Seeds	*73	SR 8650 (STR-8LMM)	Seed Research of Oregon	*113	Falcon IV	Standard Entry
34	IS-TF-159	Grassland Oregon	74	STR-8BB5	Seed Research of Oregon			
35	GARRISON (IS-TF-153)	DLF International Seeds	*75	Tulsa Time (Tulsa III)	Seed Research of Oregon			
*36	Essential (IS-TF-154)	DLF International Seeds	76	PSG-RNDR	Smith Seed Services			
37	Fat Cat (IS-TF-161)	DLF International Seeds	77	PSG-TTRH	Smith Seed Services			
38	MVS-341	Mountain View Seeds	*78	Speedway (STR-8BPDx)	Seed Research of Oregon			
39	MVS-1107	Mountain View Seeds	*79	Rembrandt	Standard Entry			
*40	Titanium LS (MVS-BB-1)	Mountain View Seeds	80	JT-41	Jacklin Seed by Simplot			

* COMMERCIALY AVAILABLE IN THE USA IN 2010

TABLE A.

2009 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	7.1-7.5	-	-	-	FULL SUN	2.1-2.5	TO PREVENT STRESS
CA6	LOAM	6.6-7.0	61-150	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
GA1	SANDY LOAM	5.6-6.0	61-150	241-375	-	FULL SUN	2.6-3.0	TO PREVENT STRESS
IA1	SILTY CLAY LOAM	6.6-7.0	0-60	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	151-240	2.1-3.0	DENSE SHADE	2.1-2.5	TO PREVENT STRESS
IN1	SANDY CLAY LOAM	7.1-7.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	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	ONLY DURING SEVERE STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MN1	SILTY CLAY LOAM	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
MO1	SILT LOAM AND SILT	5.6-6.0	0-60	0-150	2.1-3.0	FULL SUN	3.1-3.5	TO PREVENT DORMANCY
MS1	SANDY LOAM	7.1-7.5	151-270	241-375	3.1-4.0	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
NJ1	LOAM	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	151-270	376-500	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NM1	LOAMY SAND	7.1-7.5	-	-	-	FULL SUN	1.6-2.0	TO PREVENT STRESS
NM2	LOAMY SAND	7.1-7.5	-	-	-	FULL SUN	1.6-2.0	TO PREVENT STRESS
PA1	SILTY CLAY LOAM	6.6-7.0	151-270	0-150	3.1-4.0	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	6.6-7.0	61-150	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	SILTY CLAY LOAM	7.6-8.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	5.6-6.0	0-60	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
VA4	SANDY LOAM	-	-	-	3.1-4.0	FULL SUN	3.6-4.0	ONLY DURING SEVERE STRESS
WA3	SANDY LOAM	5.6-6.0	0-60	241-375	4.1-5.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	-	-	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2009

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		X
CA6	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	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	X
IL2			X	X	X	X	X	X	X	X	X				
IN1				X	X	X	X	X	X	X			X		X
KS2					X	X	X	X	X				X		X
KY1			X	X	X	X	X	X	X	X			X		
MD1					X	X	X	X	X	X	X		X		
MN1					X	X	X	X	X	X			X	X	X
MO1				X	X	X	X	X	X	X	X	X	X		X
MS1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NE1					X	X	X	X	X	X			X	X	
NJ1				X	X	X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X	X		X	X	
NJ3															
NM1			X	X	X	X	X	X	X	X	X		X		
NM2			X	X	X	X	X	X	X	X	X		X		
PA1					X	X	X	X	X	X			X	X	X
RI1				X	X	X	X	X	X	X	X		X		X
SD2					X	X	X	X	X	X					
TN1	X	X	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	X
VA1			X	X	X	X	X		X	X			X		
VA4			X	X	X	X	X	X	X	X			X		
WA3		X	X	X	X	X		X	X	X	X	X	X		X
WI1					X	X	X	X	X					X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2009

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	BROWN PATCH WARM TEMP.	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER
AR1		X		X	X	X								
CA3							X							
CA6														
GA1											X	X	X	X
IA1														
IL1													X	
IL2						X								
IN1		X								X				
KS2													X	
KY1														
MD1														
MN1									X			X		
MO1														
MS1							X							
NC1		X	X				X			X				
NE1	X	X	X											
NJ1														
NJ2														
NJ3														
NM1					X	X					X	X	X	
NM2					X	X					X	X	X	
PA1										X				
RI1														
SD2				X										
TN1				X	X	X								
TX1	X	X	X											
UT1													X	
VA1														
VA4										X				
WA3							X							
WI1								X						

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2009

LOCATION	PERCENT SEDGE	PERCENT CANOPY FULLNESS	PERCENT SPRING GREENUP	WINTER DENSITY	PERCENT BROWN PATCH	BROWN PATCH JUNE	PATCH JULY	RATINGS AUGUST	PERCENT APRIL	POA ANNUA SEPTEMBER
AR1										
CA3										
CA6										
GA1										
IA1										
IL1										
IL2	X									
IN1										
KS2										
KY1										
MD1										
MN1										
M01										
MS1										
NC1										
NE1										
NJ1		X				X	X	X		
NJ2										
* NJ3										
NM1			X							
NM2										
PA1										
RI1										
SD2										
TN1					X					
TX1										
UT1										
VA1										
VA4										
WA3				X				X	X	
WI1										

* MORE DATA FOR "NJ1" IN TABLE 11.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2009 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	WI1	MEAN
* FALCON V (ATM)	6.5	6.8	6.9	7.8	6.6	5.2	6.7	7.2	6.0	6.0	6.8	7.6	6.6	5.3	4.3	7.5	6.5
RK 5	6.7	6.4	7.1	7.3	6.3	5.3	6.8	7.2	6.2	5.8	7.1	7.8	6.5	5.0	4.0	7.3	6.4
* RK 4	6.4	6.1	6.9	7.0	6.2	5.7	6.6	6.8	5.6	6.0	7.4	7.7	6.3	5.1	4.3	7.7	6.4
* WOLFPACK II (PST-5WMB)	6.6	6.0	6.8	7.3	6.3	5.2	6.6	7.0	5.7	5.5	7.1	7.4	6.5	4.9	4.5	7.9	6.3
* FIRECRACKER LS (MVS-MST)	6.5	6.3	7.2	7.3	6.5	4.4	6.7	7.3	5.8	6.0	7.1	7.9	6.5	4.8	4.0	7.3	6.3
LS 1200 (SC-1)	6.7	6.1	6.6	7.1	6.4	4.3	6.7	7.4	5.8	6.0	7.5	7.8	6.6	4.5	4.3	7.5	6.3
* MONET (LTP-610 CL)	6.5	6.4	6.9	7.2	6.6	4.4	6.8	7.3	6.1	5.7	7.3	7.3	6.6	4.9	4.0	7.1	6.3
COCHISE IV (RKCL)	6.3	6.3	7.0	7.7	6.6	5.2	6.7	7.2	5.5	6.2	5.8	7.8	6.8	5.2	3.8	6.9	6.3
* BULLSEYE	6.4	6.6	7.0	7.1	6.0	5.4	6.6	6.7	5.5	5.8	7.2	7.3	6.3	5.2	3.8	7.7	6.3
* ESSENTIAL (IS-TF-154)	6.5	6.8	6.9	7.3	6.0	5.4	6.5	7.0	5.3	6.0	7.0	7.4	5.9	4.7	4.4	7.5	6.3
* SHENANDOAH III (SH 3)	6.4	6.3	6.7	7.2	6.5	5.0	6.7	7.4	5.7	5.6	6.9	7.6	6.3	5.3	4.1	6.3	6.3
* FAITH (K06-WA)	6.4	6.2	7.0	7.3	6.6	4.5	6.8	6.1	5.9	6.3	6.5	7.9	6.5	5.1	4.4	6.4	6.2
CATELYST (NA-BT-1)	6.8	6.7	6.6	7.3	6.4	3.8	6.6	6.9	5.2	5.6	6.6	7.7	6.7	4.8	4.6	7.5	6.2
* TURBO	6.2	5.8	6.6	7.3	6.4	5.2	6.6	6.6	5.6	6.0	7.4	7.7	6.7	4.9	3.7	6.9	6.2
* SPEEDWAY (STR-8BPD)	6.7	6.3	6.0	6.9	6.2	5.1	6.6	7.1	6.0	5.8	7.3	7.5	6.4	5.1	4.4	6.0	6.2
* 3RD MILLENNIUM SRP	6.9	6.3	6.8	7.1	6.0	5.1	6.6	6.9	5.5	5.4	6.0	7.7	6.2	5.0	4.5	7.3	6.2
* HEMI	6.6	6.4	6.4	7.0	6.3	4.9	6.7	6.7	5.9	5.9	7.3	7.4	6.0	4.7	4.2	6.9	6.2
* RHAMBLER SRP (RHAMBLER)	6.5	6.3	6.4	7.3	6.2	4.2	6.6	7.1	5.7	6.1	6.8	7.6	6.5	5.2	4.3	6.5	6.2
* VAN GOGH (LTP-RK2)	6.4	5.9	6.5	7.0	6.4	5.2	6.5	6.3	5.5	5.8	7.2	7.4	6.5	5.0	4.4	7.1	6.2
* SPYDER LS (Z-2000)	7.2	5.8	6.8	6.9	6.7	5.1	6.6	7.0	5.7	5.9	5.9	7.3	6.6	4.9	3.6	6.3	6.2
BRAVEHEART (DP 50-9407)	6.9	6.3	6.5	7.0	6.6	4.5	6.6	7.1	6.1	5.5	6.9	6.7	6.4	4.7	3.7	6.7	6.1
STR-8BB5	6.6	5.6	6.7	6.6	5.7	5.6	6.7	6.8	6.1	5.3	6.6	6.8	6.4	4.9	3.9	7.6	6.1
* SHENANDOAH ELITE (RK 6)	6.5	6.6	6.9	7.3	6.2	4.5	6.6	6.0	5.4	5.8	5.3	7.5	6.8	5.2	4.3	7.0	6.1
GARRISON (IS-TF-153)	6.8	6.3	6.6	6.6	6.6	4.4	6.6	6.5	5.4	5.8	6.9	7.1	6.1	5.0	4.0	7.2	6.1
ROCKET (IS-TF-147)	6.5	5.7	6.5	7.3	6.2	5.1	6.6	6.7	5.8	5.4	7.3	6.6	6.4	4.6	3.9	7.2	6.1
IS-TF-159	6.1	5.5	6.9	7.5	6.3	3.9	6.6	6.6	5.4	6.1	6.8	6.9	6.1	5.4	3.6	7.7	6.1
* FIRENZA	6.4	6.4	6.5	7.0	6.0	5.4	6.6	5.6	5.4	5.6	6.8	7.1	5.9	5.0	4.5	7.5	6.1
* RAPTOR II (MVS-TF-158)	6.5	5.6	6.3	7.1	6.1	5.0	6.7	6.9	5.5	5.7	6.9	7.0	6.2	4.8	3.7	7.3	6.1
JAMBOREE (IS-TF-128)	6.1	5.8	6.7	7.6	6.2	4.7	6.6	6.6	5.2	6.3	5.9	7.5	6.2	5.0	4.0	6.8	6.1
* TRAVERSE SRP (RK-1)	6.4	5.8	6.8	6.9	6.0	4.9	6.6	6.7	5.8	6.0	6.0	7.2	6.6	4.8	4.4	6.1	6.1
CANNAVARO (DP 50-9440)	6.3	6.2	7.1	6.8	6.4	3.3	6.8	6.5	6.0	6.2	6.0	7.8	7.1	5.3	3.1	6.0	6.1
* GAZELLE II (PST-5HP)	6.7	5.8	6.3	6.5	5.9	4.9	6.7	6.5	5.4	4.8	7.4	6.7	6.3	5.0	4.3	7.5	6.0
* MUSTANG 4 (M4)	6.3	6.1	6.4	7.0	6.3	4.5	6.7	5.8	6.1	5.7	5.6	7.3	6.6	4.9	4.1	6.7	6.0
PSG-82BR	6.4	5.9	6.6	6.8	5.6	5.2	6.7	6.0	5.5	4.8	6.8	7.0	6.4	5.0	4.2	7.3	6.0
SIDEWINDER (IS-TF-138)	6.3	5.3	6.9	7.2	6.6	5.4	6.6	6.1	5.6	5.8	4.8	7.1	6.3	4.6	4.0	7.3	6.0
FAT CAT (IS-TF-161)	6.3	5.6	6.5	6.9	6.1	5.3	6.6	6.6	5.2	5.4	7.4	6.7	6.2	5.1	3.6	6.6	6.0
* CEZANNE RZ (LTP-CRL)	6.5	5.8	6.1	6.6	5.8	5.1	6.6	6.5	5.8	4.9	6.9	6.7	6.3	5.1	4.1	6.9	6.0
GREENBROOKS (TG 50-9460)	6.5	6.1	6.6	7.1	5.9	4.1	6.7	5.8	5.6	5.1	6.9	7.5	6.0	5.0	3.5	7.1	6.0
CORONA (COL-M)	6.4	5.6	6.4	6.7	5.8	5.8	6.8	5.8	5.8	4.5	6.3	6.5	6.4	5.0	3.6	7.8	6.0
PSG-85QR	6.2	6.2	6.3	6.6	6.3	4.9	6.7	6.1	5.7	5.1	6.5	7.2	5.7	4.8	4.3	6.7	6.0
* JUSTICE	6.7	5.8	6.6	6.3	5.8	4.2	6.4	6.7	5.4	5.2	7.0	6.6	6.0	4.9	3.8	7.7	5.9
J-140	6.5	5.7	6.4	6.3	5.9	4.6	6.6	6.5	5.3	5.2	7.0	7.2	6.1	4.7	3.9	7.3	5.9
* TALLADEGA (RP 3)	6.5	6.0	6.7	7.0	6.1	4.7	6.6	6.3	5.7	5.2	5.6	6.9	6.4	5.0	3.5	6.7	5.9
BGR-TF2	6.4	5.2	6.3	6.7	5.6	4.9	6.7	6.5	5.9	4.8	7.2	6.2	6.1	5.5	3.3	7.5	5.9

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2009 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	WI1	MEAN
* TITANIUM LS (MVS-BB-1)	6.3	5.9	5.6	6.7	6.2	4.3	6.8	5.8	5.8	5.1	6.8	6.7	6.2	4.7	3.9	7.9	5.9
GE-1	6.7	5.9	6.0	6.4	6.0	5.0	6.6	6.6	5.7	5.2	7.4	6.2	6.0	4.8	3.8	6.4	5.9
* PEDIGREE (ATF-1199)	6.6	5.9	6.1	6.6	5.6	5.1	6.6	6.3	5.7	4.9	7.4	5.9	6.0	5.0	3.6	7.2	5.9
* TOCCOA (IS-TF-151)	6.0	4.8	6.6	7.0	6.0	5.0	6.5	6.2	5.9	5.5	6.5	6.4	6.0	4.5	3.4	7.9	5.9
FINELAWN XPRESS (RP 2)	5.9	6.2	6.4	7.0	5.8	4.4	6.4	6.0	5.3	5.7	5.2	7.4	6.3	5.0	4.2	7.0	5.9
TRIO (IS-TF-152)	6.2	5.4	6.3	6.7	5.9	5.4	6.7	5.4	5.7	5.4	5.4	6.5	6.4	5.4	4.0	7.5	5.9
* ESCALADE	6.7	5.7	6.4	6.8	5.7	4.6	6.6	5.8	5.9	4.9	6.3	6.6	6.0	5.1	3.6	7.5	5.9
* SR 8650 (STR-8LMM)	6.2	6.0	6.3	6.6	5.9	4.2	6.4	6.0	5.5	5.3	6.4	6.6	6.1	5.1	4.4	7.1	5.9
UMBRELLA (DP 50-9411)	6.4	5.4	6.2	6.3	6.2	5.3	6.6	6.6	6.2	5.3	6.7	5.9	6.3	4.6	3.6	6.0	5.9
* TULSA TIME (TULSA III)	6.3	5.1	5.6	6.5	5.6	5.9	6.6	6.2	5.6	5.0	6.7	6.0	6.4	4.9	3.3	7.7	5.8
KZ-1	6.7	5.5	6.2	6.9	5.4	4.9	6.4	6.3	5.9	4.5	6.4	6.2	5.8	5.2	3.5	7.4	5.8
TERRIER (IS-TF-135)	6.3	5.8	6.7	6.7	5.3	4.1	6.4	6.2	5.4	5.6	7.0	6.7	6.3	4.4	3.4	7.1	5.8
JT-36	6.2	5.7	6.0	6.5	5.0	5.6	6.4	5.5	5.9	4.7	6.8	6.3	5.9	5.2	3.7	7.6	5.8
* REUNION (LS-03)	6.4	5.4	6.7	6.8	5.4	5.4	6.5	6.3	5.5	4.6	5.2	6.3	5.9	5.2	3.3	7.6	5.8
* HONKY TONK (RAD-TF17)	6.2	5.6	6.3	6.8	5.5	5.6	6.6	6.4	5.6	5.2	6.6	6.3	5.8	4.1	3.8	6.4	5.8
STR-8GRQR	6.1	6.0	5.7	6.7	5.7	5.0	6.6	5.7	5.7	4.6	7.0	6.4	6.1	4.5	3.6	7.1	5.8
* HUDSON (DKS)	6.3	5.5	6.2	6.7	5.3	5.8	6.5	5.9	5.4	4.4	6.5	6.4	6.0	5.2	3.1	7.1	5.8
* AST 7002	6.2	5.4	6.4	6.8	5.5	5.1	6.6	6.5	5.7	4.3	6.3	6.1	6.1	4.8	3.5	7.3	5.8
FALCON NG (CE 1)	6.1	6.0	6.1	6.6	5.8	5.2	6.6	6.1	4.9	4.8	5.9	6.8	6.2	4.7	3.6	6.9	5.8
* AST9001 (AST-3)	6.6	5.1	6.2	6.8	5.2	6.0	6.5	6.0	5.1	4.4	5.8	6.8	5.8	5.1	3.5	7.2	5.8
JT-42	6.5	5.6	6.4	6.3	5.5	5.4	6.5	6.6	5.9	4.5	6.3	6.1	6.1	4.7	3.5	6.2	5.8
NINJA 3 (ATF 1247)	6.4	5.4	6.3	6.6	5.4	5.3	6.7	5.6	5.6	4.9	6.3	5.9	6.0	4.8	3.8	7.2	5.8
* SKYLINE	6.3	5.5	6.2	6.3	5.5	4.4	6.5	6.5	5.7	4.6	6.4	6.0	5.9	4.9	4.0	7.2	5.8
MVS-1107	6.3	5.9	6.1	6.3	5.6	4.7	6.6	5.7	6.0	4.8	7.3	6.3	6.1	4.6	4.2	5.7	5.8
* TURBO RZ (BURL-TF8)	6.2	5.0	6.4	6.7	6.0	5.3	6.6	6.4	5.9	4.5	5.5	6.4	5.5	4.5	3.9	6.9	5.7
* GWTF	6.6	5.1	5.9	6.7	5.5	5.2	6.5	6.8	5.8	4.4	6.4	6.4	5.9	5.0	3.3	6.3	5.7
* RENOVATE (LS-11)	6.0	5.4	6.4	6.7	5.5	4.7	6.6	6.0	5.8	4.6	5.7	5.8	5.8	5.8	3.4	7.5	5.7
J-130	6.3	5.8	6.3	6.0	5.9	5.6	6.5	6.3	5.8	4.4	6.3	6.4	5.7	4.3	3.6	6.6	5.7
* FALCON IV	6.7	6.1	6.0	6.0	5.7	5.4	6.6	5.8	5.3	4.8	6.6	6.6	6.1	4.5	3.8	5.9	5.7
ATF 1328	6.1	5.0	5.9	6.4	5.2	5.9	6.5	5.5	5.2	4.6	7.6	6.2	5.9	4.6	3.6	7.3	5.7
* RNP	6.3	4.9	6.4	6.8	5.2	5.4	6.5	6.4	5.5	4.8	5.8	6.3	5.7	5.3	3.4	6.7	5.7
BGR-TF1	6.3	5.4	6.4	6.5	5.3	6.0	6.5	6.0	5.1	4.8	5.6	6.0	5.9	5.0	3.4	7.4	5.7
* COMPETE (LS-06)	6.3	5.0	6.3	6.0	5.7	5.9	6.6	6.1	5.7	4.8	4.9	6.7	5.6	5.5	3.6	6.7	5.7
* DARLINGTON (CS-TF1)	6.4	5.3	6.5	6.3	5.7	5.1	6.4	6.2	5.7	4.8	6.1	6.2	5.6	5.0	3.4	6.7	5.7
JT-33	6.4	5.3	6.3	6.1	5.3	5.9	6.5	5.8	5.9	4.7	5.7	5.9	5.8	5.0	3.6	7.1	5.7
* REBEL IV	6.5	5.6	6.2	6.3	5.3	4.7	6.5	6.3	5.9	4.7	6.2	6.3	5.7	4.7	3.7	6.5	5.7
JT-41	6.2	5.3	6.3	6.3	4.9	5.2	6.4	5.8	5.8	4.7	6.7	6.0	5.7	5.1	3.8	6.8	5.7
COL-1	6.2	5.6	6.1	6.6	5.9	4.3	6.6	5.9	5.7	4.4	6.0	6.4	5.8	4.7	3.5	7.3	5.7
STETSON II (NA-SS)	6.3	4.8	6.1	6.3	5.7	5.4	6.7	5.1	5.9	4.4	6.5	5.7	5.9	4.8	3.6	7.8	5.7
JT-45	6.3	5.6	6.4	6.9	5.3	4.0	6.4	6.1	5.6	4.5	6.1	6.3	6.0	4.8	3.7	6.7	5.7
* PADRE	6.6	5.8	6.1	6.3	5.4	5.6	6.6	5.6	5.5	3.7	4.9	6.4	5.6	5.0	4.1	7.3	5.7
BAR FA 6253	6.6	5.9	6.3	6.8	5.8	4.7	6.6	5.6	5.6	4.6	6.0	6.2	6.0	4.6	3.7	5.6	5.7
* MAGELLAN	6.4	5.1	6.0	6.4	5.8	5.1	6.6	5.8	5.5	4.3	7.0	6.0	5.8	4.8	3.6	6.5	5.7
CROSSFIRE 3 (COL-J)	6.2	4.8	6.1	6.5	5.0	4.7	6.6	5.8	5.7	4.5	5.9	6.6	5.6	5.1	3.4	7.9	5.7
* AST9002 (AST-2)	6.4	5.2	6.6	6.8	5.7	5.2	6.6	5.8	6.3	3.9	5.9	6.3	5.8	5.2	3.5	5.2	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2009 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	WI1	MEAN
* REMBRANDT	6.3	5.7	5.7	5.9	5.3	5.3	6.6	6.1	5.8	4.4	7.0	5.8	5.7	5.0	3.6	6.1	5.6
* AST9003 (AST-1)	6.0	5.6	6.0	6.8	5.5	4.0	6.5	5.9	6.1	4.8	4.9	6.5	5.6	4.9	3.4	7.4	5.6
MVS-341	5.9	5.5	6.0	6.4	5.7	4.7	6.4	5.6	5.6	5.0	6.7	6.6	6.1	4.4	3.6	5.6	5.6
06-DUST	6.3	5.8	5.9	6.3	5.1	5.3	6.6	6.3	5.7	4.3	5.2	5.9	6.0	4.3	3.6	7.1	5.6
* AST7003	5.9	5.1	6.1	6.8	5.2	5.1	6.5	5.9	5.3	4.2	5.9	6.0	5.8	5.0	3.5	7.1	5.6
PSG-TTRH	6.8	5.2	6.3	6.0	5.2	4.9	6.4	5.2	5.8	4.6	5.2	6.1	5.8	5.1	3.6	7.1	5.6
GO-1BFD	6.0	5.6	5.8	6.3	5.3	3.9	6.7	5.8	5.8	4.2	7.1	5.7	5.9	4.7	4.2	5.8	5.5
* EINSTEIN	6.0	5.0	5.8	6.1	5.5	4.3	6.6	5.8	5.6	4.3	6.9	5.8	5.7	4.8	3.0	7.3	5.5
KZ-2	5.9	5.1	6.4	6.3	5.7	5.4	6.6	5.8	5.6	4.6	5.9	6.4	6.0	5.0	3.1	5.0	5.5
* HUNTER	6.4	5.2	6.0	6.4	5.3	5.4	6.5	5.9	5.8	3.9	5.0	5.6	5.8	5.3	3.3	6.6	5.5
AST1001 (AST-4)	6.1	4.8	6.1	6.8	4.7	4.9	6.6	5.3	5.3	4.3	5.2	6.5	6.1	5.4	3.3	6.5	5.5
* AST 7001	6.2	4.6	6.0	6.2	4.9	4.8	6.3	6.6	5.6	4.4	5.9	6.0	5.5	4.7	3.3	7.0	5.5
* TAHOE II	6.0	4.5	6.1	6.3	5.6	4.8	6.3	6.1	5.6	4.6	6.3	6.0	5.9	4.5	3.5	5.9	5.5
PSG-RNDR	6.5	5.2	6.3	6.0	5.1	4.9	6.3	4.8	5.8	4.0	5.8	5.3	6.0	4.6	3.3	7.2	5.4
06-WALK	6.0	5.4	5.9	6.2	5.3	4.6	6.5	5.1	5.6	3.9	6.4	5.6	5.8	4.5	3.5	6.7	5.4
* LINDBERGH	5.9	5.2	5.8	5.7	5.2	5.1	6.6	4.8	5.6	3.7	6.8	5.6	5.5	5.0	3.3	6.7	5.4
BAR FA 6363	6.0	4.7	5.8	5.8	5.0	4.9	6.6	5.6	5.5	4.5	6.9	4.4	6.1	4.8	3.4	6.0	5.4
0312	5.4	5.4	6.2	6.3	5.3	4.9	6.5	5.3	6.1	4.3	5.8	5.4	5.6	3.9	3.1	6.2	5.4
* BILTMORE	6.4	4.6	5.7	5.7	4.9	4.7	6.5	5.6	5.3	3.6	6.1	5.9	5.4	4.8	3.3	6.3	5.3
* PLATO	5.8	5.1	5.7	5.8	4.7	4.4	6.3	4.6	5.7	3.6	6.1	5.6	5.4	4.3	3.2	6.5	5.2
PSG-TTST	6.1	5.3	5.3	6.3	5.2	4.3	6.3	4.9	5.3	3.3	6.1	4.9	5.6	4.5	3.2	6.0	5.2
* ARISTOTLE	6.2	4.3	5.1	5.9	4.9	4.6	6.3	5.2	5.6	3.3	6.3	4.8	5.2	4.4	3.1	6.8	5.1
* SILVERADO	5.5	4.9	4.9	5.5	4.8	3.4	5.8	4.8	5.1	2.4	6.1	4.6	5.3	4.0	3.5	5.3	4.7
* KY-31	4.5	3.9	2.2	4.0	2.6	1.0	4.4	3.2	5.5	1.1	4.9	2.4	3.8	3.3	2.6	2.8	3.3
LSD VALUE	0.6	0.8	0.6	0.6	0.7	1.2	0.3	1.1	0.8	0.7	1.5	0.6	0.6	0.6	0.6	1.7	0.2
C.V. (%)	5.5	9.0	6.2	5.6	7.6	15.2	3.2	11.5	8.9	8.6	15.0	5.8	5.8	7.8	10.2	15.8	9.6

* COMMERCIALY AVAILABLE IN THE USA IN 2010.

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" *
 2009 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	GA1	IA1	IL1	IN1	KS2	M01	NJ1	RI1	TN1	VA1	VA4	MEAN
LS 1200 (SC-1)	6.7	6.9	6.8	7.6	5.5	6.3	7.6	6.8	7.1	7.0	7.1	6.9
BULLSEYE	6.6	6.7	6.9	7.2	4.6	6.6	8.2	6.3	7.1	6.9	7.1	6.7
MONET (LTP-610 CL)	6.9	6.8	6.6	7.1	4.3	7.0	7.3	6.8	7.1	6.7	7.3	6.7
TALLADEGA (RP 3)	6.8	6.8	6.9	6.9	5.7	6.4	7.1	6.1	7.1	7.0	7.3	6.7
TURBO	6.3	6.8	6.9	7.2	5.1	6.2	7.9	6.5	7.1	6.7	7.1	6.7
FALCON V (ATM)	6.9	6.9	6.9	7.3	4.4	6.8	8.0	6.1	7.1	6.8	6.7	6.7
MUSTANG 4 (M4)	6.4	6.9	6.6	6.9	4.9	6.4	8.2	6.3	6.9	7.0	7.0	6.7
WOLFPACK II (PST-5WMB)	6.5	6.9	7.2	6.9	5.3	6.4	8.2	6.0	7.0	6.4	6.6	6.7
COCHISE IV (RKCL)	7.0	6.7	6.9	7.3	4.9	6.2	8.2	6.2	6.7	6.3	7.0	6.7
SPEEDWAY (STR-8BPDx)	6.6	6.8	7.0	7.0	5.5	6.2	7.5	6.3	6.9	6.5	7.1	6.7
SHENANDOAH ELITE (RK 6)	6.0	6.9	6.6	7.2	4.9	6.6	7.5	6.3	7.1	6.8	7.4	6.7
RHAMBLER SRP (RHAMBLER)	6.6	7.2	7.1	7.1	5.1	6.6	6.7	5.8	7.2	6.9	7.0	6.7
RK 5	6.7	7.1	7.0	7.0	5.1	5.9	7.8	6.1	7.1	6.2	7.3	6.7
FAITH (K06-WA)	6.6	6.9	6.9	7.0	5.1	6.5	7.8	6.3	7.2	6.4	6.4	6.7
CATELYST (NA-BT-1)	6.7	6.9	7.0	7.1	5.1	6.4	7.9	5.9	6.9	6.9	6.2	6.6
SHENANDOAH III (SH 3)	6.0	6.9	6.9	7.0	4.9	6.5	7.7	6.4	6.8	6.6	7.2	6.6
FINELAWN XPRESS (RP 2)	6.7	6.9	6.9	7.1	5.3	6.6	7.6	6.0	7.1	6.3	6.4	6.6
3RD MILLENNIUM SRP	6.2	6.7	7.0	7.2	5.2	6.4	7.0	6.3	7.1	6.5	7.2	6.6
BRAVEHEART (DP 50-9407)	6.6	6.6	6.7	7.0	5.7	6.1	6.6	6.2	7.2	6.5	7.5	6.6
FIRECRACKER LS (MVS-MST)	6.4	7.1	6.8	7.1	5.4	6.4	7.4	6.0	7.0	6.6	6.2	6.6
VAN GOGH (LTP-RK2)	6.3	6.6	6.9	7.1	4.9	6.4	8.0	6.0	7.1	6.1	7.0	6.6
RK 4	6.5	6.3	6.7	7.0	5.1	6.0	8.0	6.3	7.0	6.1	7.3	6.6
FIRENZA	6.4	6.8	6.9	6.8	4.9	6.5	7.2	6.2	7.0	6.8	6.8	6.6
TRAVERSE SRP (RK-1)	6.6	6.9	7.0	6.9	4.6	6.6	7.1	6.0	6.8	6.4	7.0	6.5
SIDEWINDER (IS-TF-138)	6.2	6.3	6.4	6.9	5.3	6.1	6.7	6.5	7.1	6.4	7.7	6.5
GARRISON (IS-TF-153)	6.9	6.4	6.8	7.0	4.3	6.3	7.6	6.5	7.1	6.2	6.7	6.5
SR 8650 (STR-8LMM)	6.2	6.7	6.9	6.8	5.5	6.4	6.9	5.7	7.2	6.1	7.1	6.5
JAMBOREE (IS-TF-128)	6.0	6.5	6.7	7.5	4.8	6.4	7.1	6.5	7.0	6.1	6.8	6.5
SPYDER LS (Z-2000)	6.1	6.6	6.9	6.9	4.6	5.8	7.6	6.5	7.0	6.5	7.0	6.5
HEMI	6.4	6.2	7.0	7.0	4.8	6.9	7.1	6.2	7.1	6.1	6.3	6.5
IS-TF-159	6.8	6.6	6.7	7.2	4.1	6.0	7.2	6.2	7.2	5.8	7.5	6.5
CANNAVARO (DP 50-9440)	6.4	6.2	6.6	7.3	4.9	6.0	7.2	6.3	7.2	5.9	7.0	6.5
GAZELLE II (PST-5HP)	6.6	6.6	7.1	6.9	5.1	5.9	6.3	5.8	6.9	7.0	7.1	6.5
GREENBROOKS (TG 50-9460)	6.3	6.7	6.8	7.0	5.3	5.6	7.4	6.4	7.1	6.1	6.4	6.5
RAPTOR II (MVS-TF-158)	6.6	6.4	6.8	7.1	5.3	6.3	6.6	5.8	6.9	5.8	7.5	6.5
ROCKET (IS-TF-147)	6.4	6.7	6.8	7.1	4.9	6.1	7.0	5.9	7.2	5.9	6.8	6.4
J-140	6.2	6.5	7.3	6.7	5.1	6.1	6.8	6.0	6.9	6.3	6.9	6.4
TITANIUM LS (MVS-BB-1)	6.5	6.7	7.0	6.2	5.3	6.3	6.3	5.7	6.8	6.5	7.1	6.4
TRIO (IS-TF-152)	6.1	6.7	6.6	6.6	4.9	6.3	5.8	6.2	7.3	6.5	7.3	6.4
CORONA (COL-M)	5.9	6.4	7.1	6.8	5.1	6.1	6.5	6.3	7.0	6.1	6.7	6.4
TULSA TIME (TULSA III)	6.4	6.4	7.0	6.6	5.3	5.9	5.8	6.1	6.9	6.4	7.0	6.3
REUNION (LS-03)	5.9	6.2	6.8	6.6	5.7	5.9	6.2	6.4	6.9	6.1	6.9	6.3
BGR-TF1	6.0	6.2	7.0	6.3	4.9	5.9	6.3	6.2	7.1	6.1	7.5	6.3
ESSENTIAL (IS-TF-154)	6.7	6.7	6.7	7.0	4.7	6.1	7.3	5.6	6.6	6.0	6.2	6.3

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" *
 2009 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	GA1	IA1	IL1	IN1	KS2	M01	NJ1	RI1	TN1	VA1	VA4	MEAN
UMBRELLA (DP 50-9411)	5.9	6.1	6.9	6.6	5.3	6.2	6.0	6.4	6.8	6.4	7.1	6.3
STR-8BB5	5.9	6.2	6.7	6.5	5.3	6.3	6.7	5.5	6.9	6.6	7.0	6.3
RENOVATE (LS-11)	5.8	6.1	6.9	6.5	5.1	6.0	6.0	6.5	6.8	6.6	7.0	6.3
PSG-85QR	6.4	6.3	6.9	6.8	5.5	6.4	5.8	6.0	6.9	5.8	6.4	6.3
GWTF	6.3	6.2	6.6	6.8	5.3	6.2	5.2	6.1	6.9	6.5	7.1	6.3
BAR FA 6253	6.1	6.7	6.9	6.7	5.9	6.3	5.1	5.9	6.9	6.5	6.3	6.3
PEDIGREE (ATF-1199)	6.1	6.4	6.9	6.7	5.4	6.1	5.8	5.8	6.8	6.1	7.0	6.3
CEZANNE RZ (LTP-CRL)	6.7	6.3	6.9	6.6	4.5	5.6	6.4	5.8	7.1	5.9	7.3	6.3
J-130	6.0	6.0	7.1	6.3	4.8	6.0	6.2	6.0	7.1	6.0	7.3	6.3
PSG-82BR	6.3	6.3	6.8	6.5	5.7	6.0	6.8	5.6	6.8	5.9	6.3	6.3
KZ-1	6.1	6.4	7.0	6.4	4.2	6.3	5.5	6.1	7.1	6.8	6.8	6.2
KZ-2	6.2	5.9	6.8	6.4	5.3	6.2	5.5	6.4	6.9	6.3	6.8	6.2
ESCALADE	6.1	6.6	6.5	6.4	5.1	6.2	6.1	5.6	7.0	6.3	6.7	6.2
AST9003 (AST-1)	6.0	6.4	6.4	6.9	4.9	6.0	5.6	6.2	6.9	6.4	6.8	6.2
BGR-TF2	6.3	6.4	6.8	6.5	4.9	6.1	5.2	6.2	7.1	6.1	7.0	6.2
TERRIER (IS-TF-135)	6.0	6.9	6.9	7.0	5.2	5.8	5.7	5.7	6.7	5.8	6.8	6.2
REBEL IV	6.2	6.5	6.7	6.5	5.4	6.0	5.4	5.9	6.8	6.0	7.0	6.2
AST7003	5.9	5.9	6.7	6.7	5.0	6.4	5.6	6.0	7.1	6.3	6.7	6.2
FAT CAT (IS-TF-161)	6.2	6.2	6.8	6.8	4.4	6.3	5.2	6.1	6.9	6.5	6.7	6.2
HUDSON (DKS)	5.6	6.5	6.7	6.6	5.1	6.1	5.0	6.4	7.0	6.2	6.8	6.2
GE-1	6.7	6.6	6.8	6.6	5.2	5.7	6.1	5.3	7.1	5.7	6.3	6.2
SKYLINE	6.1	6.3	6.9	6.3	5.1	6.0	5.7	5.9	6.8	6.0	7.0	6.2
COL-1	5.7	6.3	6.8	6.6	5.2	6.6	5.4	5.6	7.1	5.9	6.9	6.2
COMPETE (LS-06)	5.9	6.4	6.6	6.4	4.7	6.0	5.7	6.6	7.0	6.3	6.2	6.2
FALCON IV	6.4	6.5	6.8	6.5	4.6	6.1	5.5	5.7	6.8	6.2	6.7	6.2
FALCON NG (CE 1)	6.1	6.5	6.8	6.5	5.1	6.1	6.1	5.5	6.9	6.1	6.2	6.2
AST 7002	6.1	6.5	6.7	6.7	4.4	6.7	5.0	6.2	7.1	6.0	6.5	6.2
JUSTICE	6.2	6.3	6.9	6.5	4.4	5.9	5.8	5.9	6.6	6.2	6.9	6.2
AST9002 (AST-2)	5.8	6.8	6.6	6.8	4.6	6.2	4.9	6.5	6.8	5.9	6.8	6.1
MVS-1107	6.3	6.3	6.9	6.2	5.8	5.5	5.4	5.6	6.8	6.3	6.6	6.1
RNP	5.8	6.3	6.7	6.3	5.2	6.4	5.5	6.0	6.8	6.0	6.6	6.1
CROSSFIRE 3 (COL-J)	5.7	6.2	7.0	6.7	5.6	6.2	5.4	6.0	6.8	5.8	6.3	6.1
AST1001 (AST-4)	5.9	6.4	6.7	6.7	4.5	6.2	5.2	6.3	7.1	5.9	6.6	6.1
ATF 1328	6.2	6.2	6.5	6.5	5.3	5.9	5.4	6.2	7.1	5.9	6.2	6.1
STETSON II (NA-SS)	6.1	6.3	6.7	6.4	4.4	6.2	5.0	6.4	6.8	6.1	6.9	6.1
HONKY TONK (RAD-TF17)	6.3	6.1	6.8	6.1	5.2	6.1	5.4	6.0	7.2	5.7	6.2	6.1
STR-8GRQR	6.2	6.3	6.9	6.5	5.5	6.3	4.1	5.6	6.9	6.0	6.9	6.1
DARLINGTON (CS-TF1)	6.1	6.1	7.0	6.7	4.9	6.6	4.1	6.0	6.7	6.1	6.9	6.1
AST9001 (AST-3)	5.6	5.8	6.7	7.0	4.9	6.3	5.6	6.0	6.6	5.9	6.6	6.1
TOCCOA (IS-TF-151)	6.0	6.2	6.4	6.8	4.9	6.2	5.1	6.3	6.9	5.5	6.7	6.1
JT-36	6.2	6.4	6.7	6.2	5.3	6.1	4.9	5.9	6.8	6.1	6.1	6.1
NINJA 3 (ATF 1247)	6.2	6.3	6.8	6.7	4.7	5.6	5.4	5.9	7.3	5.6	6.4	6.1
TURBO RZ (BURL-TF8)	6.2	6.2	6.5	6.6	4.7	6.3	5.2	5.8	6.9	6.0	6.3	6.1
JT-41	6.1	6.4	6.3	6.6	5.0	6.1	5.9	5.8	6.6	5.7	6.1	6.1
AST 7001	6.0	5.8	6.5	6.7	5.3	6.0	4.1	5.8	6.9	6.3	7.1	6.0

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" *
 2009 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	GA1	IA1	IL1	IN1	KS2	M01	NJ1	RI1	TN1	VA1	VA4	MEAN
MVS-341	6.3	6.2	7.0	6.5	4.7	5.7	4.7	6.2	6.9	5.7	6.4	6.0
O6-DUST	6.0	6.2	6.6	6.4	4.8	6.0	5.5	5.6	6.8	5.6	6.7	6.0
TAHOE II	6.2	6.1	6.9	6.4	4.9	5.7	4.6	6.0	6.9	5.9	6.9	6.0
PADRE	6.0	6.2	6.6	6.6	5.1	5.9	5.5	5.5	7.0	5.9	6.1	6.0
JT-33	5.8	5.8	7.2	6.4	5.4	6.0	4.6	5.7	6.6	5.7	7.1	6.0
HUNTER	5.7	6.1	6.7	6.5	5.6	5.9	4.8	5.5	6.9	5.8	6.7	6.0
PSG-TTRH	5.9	6.2	6.7	6.6	5.9	6.0	4.3	5.3	6.9	6.0	6.3	6.0
REMBRANDT	6.1	6.4	6.8	6.2	5.2	5.9	5.0	5.8	6.6	5.8	6.2	6.0
JT-45	5.7	6.2	6.6	6.4	5.2	5.8	5.8	6.1	6.6	5.6	5.9	6.0
BILTMORE	5.8	6.1	6.6	6.4	5.1	5.7	5.0	5.6	6.9	5.6	6.7	6.0
JT-42	6.1	6.3	6.7	6.4	4.7	5.9	5.2	5.7	6.6	5.7	6.2	5.9
EINSTEIN	6.0	6.1	6.9	6.3	5.5	5.4	4.4	5.3	7.0	5.6	6.3	5.9
MAGELLAN	5.9	6.0	6.9	6.2	4.7	5.7	4.0	5.3	7.2	5.9	6.8	5.9
O312	5.0	6.4	6.6	6.6	4.9	5.7	5.0	5.6	6.6	5.6	6.6	5.9
GO-1BFD	6.0	6.4	6.5	6.4	4.5	5.9	4.3	5.3	7.0	6.0	6.0	5.9
BAR FA 6363	5.9	6.3	7.0	6.1	4.5	6.0	4.3	5.4	6.9	5.6	6.4	5.9
PSG-RNDR	6.0	5.9	6.5	6.0	4.9	5.9	4.5	5.3	6.8	6.0	6.2	5.8
O6-WALK	6.1	6.0	6.4	5.9	5.1	5.7	4.3	5.6	6.9	5.7	6.2	5.8
LINDBERGH	5.3	5.7	6.9	6.1	5.2	5.5	3.7	5.0	7.0	5.4	6.8	5.7
PSG-TTST	5.5	6.2	6.3	6.1	4.7	5.9	3.4	4.9	6.9	5.6	6.3	5.6
PLATO	5.6	5.9	6.8	6.2	4.7	5.2	3.1	4.9	6.9	5.1	6.1	5.5
ARISTOTLE	5.7	5.9	6.1	6.2	4.9	5.2	2.8	5.0	6.6	5.2	6.1	5.4
SILVERADO	5.6	5.6	5.4	5.4	4.0	4.9	2.7	4.1	6.3	5.0	6.4	5.0
KY-31	4.7	4.2	3.2	4.0	3.2	3.1	1.0	1.9	5.4	3.8	5.1	3.6
LSD VALUE	0.6	0.7	0.6	0.4	1.2	0.8	1.1	0.6	0.4	0.9	0.4	0.2
C.V. (%)	6.3	7.1	5.9	4.1	14.6	7.9	12.1	6.4	3.7	8.8	3.3	7.5

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.

*/ 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 FOUR LOCATIONS 1/
IN THE NORTHEAST REGION
2009 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
COCHISE IV (RKCL)	8.2	6.2	7.8	6.2	7.1
FAITH (K06-WA)	7.8	6.3	7.9	6.3	7.1
LS 1200 (SC-1)	7.6	6.0	7.8	6.8	7.0
TURBO	7.9	6.0	7.7	6.5	7.0
RK 4	8.0	6.0	7.7	6.3	7.0
FALCON V (ATM)	8.0	6.0	7.6	6.1	6.9
BULLSEYE	8.2	5.8	7.3	6.3	6.9
MUSTANG 4 (M4)	8.2	5.7	7.3	6.3	6.9
RK 5	7.8	5.8	7.8	6.1	6.9
CANNAVARO (DP 50-9440)	7.2	6.2	7.8	6.3	6.9
JAMBOREE (IS-TF-128)	7.1	6.3	7.5	6.5	6.8
FIRECRACKER LS (MVS-MST)	7.4	6.0	7.9	6.0	6.8
SPYDER LS (Z-2000)	7.6	5.9	7.3	6.5	6.8
SHENANDOAH III (SH 3)	7.7	5.6	7.6	6.4	6.8
VAN GOGH (LTP-RK2)	8.0	5.8	7.4	6.0	6.8
WOLFPACK II (PST-5WMB)	8.2	5.5	7.4	6.0	6.8
CATELYST (NA-BT-1)	7.9	5.6	7.7	5.9	6.8
MONET (LTP-610 CL)	7.3	5.7	7.3	6.8	6.8
SHENANDOAH ELITE (RK 6)	7.5	5.8	7.5	6.3	6.8
SPEEDWAY (STR-8BPD)	7.5	5.8	7.5	6.3	6.7
GARRISON (IS-TF-153)	7.6	5.8	7.1	6.5	6.7
FINELAWN XPRESS (RP 2)	7.6	5.7	7.4	6.0	6.7
HEMI	7.1	5.9	7.4	6.2	6.7
GREENBROOKS (TG 50-9460)	7.4	5.1	7.5	6.4	6.6
IS-TF-159	7.2	6.1	6.9	6.2	6.6
3RD MILLENNIUM SRP	7.0	5.4	7.7	6.3	6.6
ESSENTIAL (IS-TF-154)	7.3	6.0	7.4	5.6	6.6
TRAVERSE SRP (RK-1)	7.1	6.0	7.2	6.0	6.6
RHAMBLER SRP (RHAMBLER)	6.7	6.1	7.6	5.8	6.5
SIDEWINDER (IS-TF-138)	6.7	5.8	7.1	6.5	6.5
FIRENZA	7.2	5.6	7.1	6.2	6.5
TALLADEGA (RP 3)	7.1	5.2	6.9	6.1	6.4
J-140	6.8	5.2	7.2	6.0	6.3
RAPTOR II (MVS-TF-158)	6.6	5.7	7.0	5.8	6.3
BRAVEHEART (DP 50-9407)	6.6	5.5	6.7	6.2	6.3
ROCKET (IS-TF-147)	7.0	5.4	6.6	5.9	6.2
SR 8650 (STR-8LMM)	6.9	5.3	6.6	5.7	6.1
STR-8BB5	6.7	5.3	6.8	5.5	6.1
PSG-82BR	6.8	4.8	7.0	5.6	6.0
PSG-85QR	5.8	5.1	7.2	6.0	6.0
CORONA (COL-M)	6.5	4.5	6.5	6.3	6.0
TRIO (IS-TF-152)	5.8	5.4	6.5	6.2	6.0
COMPETE (LS-06)	5.7	4.8	6.7	6.6	5.9
TITANIUM LS (MVS-BB-1)	6.3	5.1	6.7	5.7	5.9

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT FOUR LOCATIONS 1/
 IN THE NORTHEAST REGION
 2009 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
CEZANNE RZ (LTP-CRL)	6.4	4.9	6.7	5.8	5.9
UMBRELLA (DP 50-9411)	6.0	5.3	5.9	6.4	5.9
TERRIER (IS-TF-135)	5.7	5.6	6.7	5.7	5.9
REUNION (LS-03)	6.2	4.6	6.3	6.4	5.9
GAZELLE II (PST-5HP)	6.3	4.8	6.7	5.8	5.9
FAT CAT (IS-TF-161)	5.2	5.4	6.7	6.1	5.9
JUSTICE	5.8	5.2	6.6	5.9	5.9
TOCCOA (IS-TF-151)	5.1	5.5	6.4	6.3	5.8
BGR-TF1	6.3	4.8	6.0	6.2	5.8
ESCALADE	6.1	4.9	6.6	5.6	5.8
FALCON NG (CE 1)	6.1	4.8	6.8	5.5	5.8
AST9003 (AST-1)	5.6	4.8	6.5	6.2	5.8
J-130	6.2	4.4	6.4	6.0	5.8
RENOVATE (LS-11)	6.0	4.6	5.8	6.5	5.7
TULSA TIME (TULSA III)	5.8	5.0	6.0	6.1	5.7
KZ-2	5.5	4.6	6.4	6.4	5.7
AST9001 (AST-3)	5.6	4.4	6.8	6.0	5.7
HONKY TONK (RAD-TF17)	5.4	5.2	6.3	6.0	5.7
GE-1	6.1	5.2	6.2	5.3	5.7
JT-45	5.8	4.5	6.3	6.1	5.7
RNP	5.5	4.8	6.3	6.0	5.6
FALCON IV	5.5	4.8	6.6	5.7	5.6
BGR-TF2	5.2	4.8	6.2	6.2	5.6
JT-41	5.9	4.7	6.0	5.8	5.6
ATF 1328	5.4	4.6	6.2	6.2	5.6
CROSSFIRE 3 (COL-J)	5.4	4.5	6.6	6.0	5.6
MVS-341	4.7	5.0	6.6	6.2	5.6
REBEL IV	5.4	4.7	6.3	5.9	5.6
PEDIGREE (ATF-1199)	5.8	4.9	5.9	5.8	5.6
KZ-1	5.5	4.5	6.2	6.1	5.6
AST1001 (AST-4)	5.2	4.3	6.5	6.3	5.6
HUDSON (DKS)	5.0	4.4	6.4	6.4	5.6
SKYLINE	5.7	4.6	6.0	5.9	5.6
GWTF	5.2	4.4	6.4	6.1	5.5
NINJA 3 (ATF 1247)	5.4	4.9	5.9	5.9	5.5
TURBO RZ (BURL-TF8)	5.2	4.5	6.4	5.8	5.5
MVS-1107	5.4	4.8	6.3	5.6	5.5
BAR FA 6253	5.1	4.6	6.2	5.9	5.5
JT-36	4.9	4.7	6.3	5.9	5.5
COL-1	5.4	4.4	6.4	5.6	5.5
AST7003	5.6	4.2	6.0	6.0	5.4
AST 7002	5.0	4.3	6.1	6.2	5.4
JT-42	5.2	4.5	6.1	5.7	5.4
AST9002 (AST-2)	4.9	3.9	6.3	6.5	5.4
STETSON II (NA-SS)	5.0	4.4	5.7	6.4	5.3

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS 1/
IN THE NORTHEAST REGION
2009 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
06-DUST	5.5	4.3	5.9	5.6	5.3
TAHOE II	4.6	4.6	6.0	6.0	5.3
PADRE	5.5	3.7	6.4	5.5	5.3
DARLINGTON (CS-TF1)	4.1	4.8	6.2	6.0	5.3
REMBRANDT	5.0	4.4	5.8	5.8	5.2
JT-33	4.6	4.7	5.9	5.7	5.2
STR-8GRQR	4.1	4.6	6.4	5.6	5.2
AST 7001	4.1	4.4	6.0	5.8	5.1
0312	5.0	4.3	5.4	5.6	5.1
PSG-TTRH	4.3	4.6	6.1	5.3	5.1
BILTMORE	5.0	3.6	5.9	5.6	5.0
EINSTEIN	4.4	4.3	5.8	5.3	5.0
HUNTER	4.8	3.9	5.6	5.5	4.9
MAGELLAN	4.0	4.3	6.0	5.3	4.9
GO-1BFD	4.3	4.2	5.7	5.3	4.9
06-WALK	4.3	3.9	5.6	5.6	4.8
PSG-RNDR	4.5	4.0	5.3	5.3	4.8
BAR FA 6363	4.3	4.5	4.4	5.4	4.7
LINDBERGH	3.7	3.7	5.6	5.0	4.5
PLATO	3.1	3.6	5.6	4.9	4.3
PSG-TTST	3.4	3.3	4.9	4.9	4.1
ARISTOTLE	2.8	3.3	4.8	5.0	4.0
SILVERADO	2.7	2.4	4.6	4.1	3.4
KY-31	1.0	1.1	2.4	1.9	1.6
LSD VALUE	1.1	0.7	0.6	0.6	0.4
C.V. (%)	12.1	8.6	5.8	6.4	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 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT EIGHT LOCATIONS 1/
IN THE TRANSITION REGION
2009 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
LS 1200 (SC-1)	6.7	5.5	7.1	6.4	6.3	7.4	7.1	7.0	6.7
BRAVEHEART (DP 50-9407)	6.9	5.7	7.0	6.6	6.1	7.1	7.2	6.5	6.7
FALCON V (ATM)	6.5	4.4	7.8	6.6	6.8	7.2	7.1	6.8	6.6
FIRECRACKER LS (MVS-MST)	6.5	5.4	7.3	6.5	6.4	7.3	7.0	6.6	6.6
RHAMBLER SRP (RHAMBLER)	6.5	5.1	7.3	6.2	6.6	7.1	7.2	6.9	6.6
CATELYST (NA-BT-1)	6.8	5.1	7.3	6.4	6.4	6.9	6.9	6.9	6.6
MONET (LTP-610 CL)	6.5	4.3	7.2	6.6	7.0	7.3	7.1	6.7	6.6
WOLFPACK II (PST-5WMB)	6.6	5.3	7.3	6.3	6.4	7.0	7.0	6.4	6.6
SHENANDOAH III (SH 3)	6.4	4.9	7.2	6.5	6.5	7.4	6.8	6.6	6.5
3RD MILLENNIUM SRP	6.9	5.2	7.1	6.0	6.4	6.9	7.1	6.5	6.5
SPEEDWAY (STR-8BPD)	6.7	5.5	6.9	6.2	6.2	7.1	6.9	6.5	6.5
COCHISE IV (RKCL)	6.3	4.9	7.7	6.6	6.2	7.2	6.7	6.3	6.5
TALLADEGA (RP 3)	6.5	5.7	7.0	6.1	6.4	6.3	7.1	7.0	6.5
SPYDER LS (Z-2000)	7.2	4.6	6.9	6.7	5.8	7.0	7.0	6.5	6.5
RK 5	6.7	5.1	7.3	6.3	5.9	7.2	7.1	6.2	6.5
FAITH (K06-WA)	6.4	5.1	7.3	6.6	6.5	6.1	7.2	6.4	6.5
HEMI	6.6	4.8	7.0	6.3	6.9	6.7	7.1	6.1	6.4
TURBO	6.2	5.1	7.3	6.4	6.2	6.6	7.1	6.7	6.4
SHENANDOAH ELITE (RK 6)	6.5	4.9	7.3	6.2	6.6	6.0	7.1	6.8	6.4
BULLSEYE	6.4	4.6	7.1	6.0	6.6	6.7	7.1	6.9	6.4
SIDEWINDER (IS-TF-138)	6.3	5.3	7.2	6.6	6.1	6.1	7.1	6.4	6.4
RAPTOR II (MVS-TF-158)	6.5	5.3	7.1	6.1	6.3	6.9	6.9	5.8	6.4
JAMBOREE (IS-TF-128)	6.1	4.8	7.6	6.2	6.4	6.6	7.0	6.1	6.4
STR-8BB5	6.6	5.3	6.6	5.7	6.3	6.8	6.9	6.6	6.3
ROCKET (IS-TF-147)	6.5	4.9	7.3	6.2	6.1	6.7	7.2	5.9	6.3
MUSTANG 4 (M4)	6.3	4.9	7.0	6.3	6.4	5.8	6.9	7.0	6.3
RK 4	6.4	5.1	7.0	6.2	6.0	6.8	7.0	6.1	6.3
VAN GOGH (LTP-RK2)	6.4	4.9	7.0	6.4	6.4	6.3	7.1	6.1	6.3
GWTF	6.6	5.3	6.7	5.5	6.2	6.8	6.9	6.5	6.3
GAZELLE II (PST-5HP)	6.7	5.1	6.5	5.9	5.9	6.5	6.9	7.0	6.3
GARRISON (IS-TF-153)	6.8	4.3	6.6	6.6	6.3	6.5	7.1	6.2	6.3
TRAVERSE SRP (RK-1)	6.4	4.6	6.9	6.0	6.6	6.7	6.8	6.4	6.3
BAR FA 6253	6.6	5.9	6.8	5.8	6.3	5.6	6.9	6.5	6.3
UMBRELLA (DP 50-9411)	6.4	5.3	6.3	6.2	6.2	6.6	6.8	6.4	6.3
ESSENTIAL (IS-TF-154)	6.5	4.7	7.3	6.0	6.1	7.0	6.6	6.0	6.3
FIRENZA	6.4	4.9	7.0	6.0	6.5	5.6	7.0	6.8	6.3
CANNAVARO (DP 50-9440)	6.3	4.9	6.8	6.4	6.0	6.5	7.2	5.9	6.3
SR 8650 (STR-8LMM)	6.2	5.5	6.6	5.9	6.4	6.0	7.2	6.1	6.2
TITANIUM LS (MVS-BB-1)	6.3	5.3	6.7	6.2	6.3	5.8	6.8	6.5	6.2
FAT CAT (IS-TF-161)	6.3	4.4	6.9	6.1	6.3	6.6	6.9	6.5	6.2
PSG-85QR	6.2	5.5	6.6	6.3	6.4	6.1	6.9	5.8	6.2
FINELAWN XPRESS (RP 2)	5.9	5.3	7.0	5.8	6.6	6.0	7.1	6.3	6.2
KZ-1	6.7	4.2	6.9	5.4	6.3	6.3	7.1	6.8	6.2
ESCALADE	6.7	5.1	6.8	5.7	6.2	5.8	7.0	6.3	6.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/
 IN THE TRANSITION REGION
 2009 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
IS-TF-159	6.1	4.1	7.5	6.3	6.0	6.6	7.2	5.8	6.2
REUNION (LS-03)	6.4	5.7	6.8	5.4	5.9	6.3	6.9	6.1	6.2
PEDIGREE (ATF-1199)	6.6	5.4	6.6	5.6	6.1	6.3	6.8	6.1	6.2
J-140	6.5	5.1	6.3	5.9	6.1	6.5	6.9	6.3	6.2
GE-1	6.7	5.2	6.4	6.0	5.7	6.6	7.1	5.7	6.2
BGR-TF2	6.4	4.9	6.7	5.6	6.1	6.5	7.1	6.1	6.2
COL-1	6.2	5.2	6.6	5.9	6.6	5.9	7.1	5.9	6.2
GREENBROOKS (TG 50-9460)	6.5	5.3	7.1	5.9	5.6	5.8	7.1	6.1	6.1
TULSA TIME (TULSA III)	6.3	5.3	6.5	5.6	5.9	6.2	6.9	6.4	6.1
RNP	6.3	5.2	6.8	5.2	6.4	6.4	6.8	6.0	6.1
CORONA (COL-M)	6.4	5.1	6.7	5.8	6.1	5.8	7.0	6.1	6.1
TRIO (IS-TF-152)	6.2	4.9	6.7	5.9	6.3	5.4	7.3	6.5	6.1
TURBO RZ (BURL-TF8)	6.2	4.7	6.7	6.0	6.3	6.4	6.9	6.0	6.1
PSG-82BR	6.4	5.7	6.8	5.6	6.0	6.0	6.8	5.9	6.1
HONKY TONK (RAD-TF17)	6.2	5.2	6.8	5.5	6.1	6.4	7.2	5.7	6.1
AST 7002	6.2	4.4	6.8	5.5	6.7	6.5	7.1	6.0	6.1
DARLINGTON (CS-TF1)	6.4	4.9	6.3	5.7	6.6	6.2	6.7	6.1	6.1
STR-8GRQR	6.1	5.5	6.7	5.7	6.3	5.7	6.9	6.0	6.1
FALCON NG (CE 1)	6.1	5.1	6.6	5.8	6.1	6.1	6.9	6.1	6.1
AST7003	5.9	5.0	6.8	5.2	6.4	5.9	7.1	6.3	6.1
TOCCOA (IS-TF-151)	6.0	4.9	7.0	6.0	6.2	6.2	6.9	5.5	6.1
HUDSON (DKS)	6.3	5.1	6.7	5.3	6.1	5.9	7.0	6.2	6.1
RENOVATE (LS-11)	6.0	5.1	6.7	5.5	6.0	6.0	6.8	6.6	6.1
JUSTICE	6.7	4.4	6.3	5.8	5.9	6.7	6.6	6.2	6.1
REBEL IV	6.5	5.4	6.3	5.3	6.0	6.3	6.8	6.0	6.1
SKYLINE	6.3	5.1	6.3	5.5	6.0	6.5	6.8	6.0	6.1
CEZANNE RZ (LTP-CRL)	6.5	4.5	6.6	5.8	5.6	6.5	7.1	5.9	6.1
J-130	6.3	4.8	6.0	5.9	6.0	6.3	7.1	6.0	6.1
AST9001 (AST-3)	6.6	4.9	6.8	5.2	6.3	6.0	6.6	5.9	6.0
AST9003 (AST-1)	6.0	4.9	6.8	5.5	6.0	5.9	6.9	6.4	6.0
AST 7001	6.2	5.3	6.2	4.9	6.0	6.6	6.9	6.3	6.0
KZ-2	5.9	5.3	6.3	5.7	6.2	5.8	6.9	6.3	6.0
MVS-1107	6.3	5.8	6.3	5.6	5.5	5.7	6.8	6.3	6.0
HUNTER	6.4	5.6	6.4	5.3	5.9	5.9	6.9	5.8	6.0
AST9002 (AST-2)	6.4	4.6	6.8	5.7	6.2	5.8	6.8	5.9	6.0
BGR-TF1	6.3	4.9	6.5	5.3	5.9	6.0	7.1	6.1	6.0
COMPETE (LS-06)	6.3	4.7	6.0	5.7	6.0	6.1	7.0	6.3	6.0
TERRIER (IS-TF-135)	6.3	5.2	6.7	5.3	5.8	6.2	6.7	5.8	6.0
PSG-TTRH	6.8	5.9	6.0	5.2	6.0	5.2	6.9	6.0	6.0
MAGELLAN	6.4	4.7	6.4	5.8	5.7	5.8	7.2	5.9	6.0
FALCON IV	6.7	4.6	6.0	5.7	6.1	5.8	6.8	6.2	6.0
CROSSFIRE 3 (COL-J)	6.2	5.6	6.5	5.0	6.2	5.8	6.8	5.8	6.0
JT-45	6.3	5.2	6.9	5.3	5.8	6.1	6.6	5.6	6.0
PADRE	6.6	5.1	6.3	5.4	5.9	5.6	7.0	5.9	6.0
JT-42	6.5	4.7	6.3	5.5	5.9	6.6	6.6	5.7	6.0

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT EIGHT LOCATIONS 1/
IN THE TRANSITION REGION
2009 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	MEAN
JT-36	6.2	5.3	6.5	5.0	6.1	5.5	6.8	6.1	5.9
ATF 1328	6.1	5.3	6.4	5.2	5.9	5.5	7.1	5.9	5.9
TAHOE II	6.0	4.9	6.3	5.6	5.7	6.1	6.9	5.9	5.9
NINJA 3 (ATF 1247)	6.4	4.7	6.6	5.4	5.6	5.6	7.3	5.6	5.9
06-DUST	6.3	4.8	6.3	5.1	6.0	6.3	6.8	5.6	5.9
JT-33	6.4	5.4	6.1	5.3	6.0	5.8	6.6	5.7	5.9
REMBRANDT	6.3	5.2	5.9	5.3	5.9	6.1	6.6	5.8	5.9
STETSON II (NA-SS)	6.3	4.4	6.3	5.7	6.2	5.1	6.8	6.1	5.9
EINSTEIN	6.0	5.5	6.1	5.5	5.4	5.8	7.0	5.6	5.9
GO-1BFD	6.0	4.5	6.3	5.3	5.9	5.8	7.0	6.0	5.9
MVS-341	5.9	4.7	6.4	5.7	5.7	5.6	6.9	5.7	5.8
JT-41	6.2	5.0	6.3	4.9	6.1	5.8	6.6	5.7	5.8
AST1001 (AST-4)	6.1	4.5	6.8	4.7	6.2	5.3	7.1	5.9	5.8
06-WALK	6.0	5.1	6.2	5.3	5.7	5.1	6.9	5.7	5.7
PSG-RNDR	6.5	4.9	6.0	5.1	5.9	4.8	6.8	6.0	5.7
BILTMORE	6.4	5.1	5.7	4.9	5.7	5.6	6.9	5.6	5.7
PSG-TTST	6.1	4.7	6.3	5.2	5.9	4.9	6.9	5.6	5.7
BAR FA 6363	6.0	4.5	5.8	5.0	6.0	5.6	6.9	5.6	5.7
0312	5.4	4.9	6.3	5.3	5.7	5.3	6.6	5.6	5.6
LINDBERGH	5.9	5.2	5.7	5.2	5.5	4.8	7.0	5.4	5.6
ARISTOTLE	6.2	4.9	5.9	4.9	5.2	5.2	6.6	5.2	5.5
PLATO	5.8	4.7	5.8	4.7	5.2	4.6	6.9	5.1	5.3
SILVERADO	5.5	4.0	5.5	4.8	4.9	4.8	6.3	5.0	5.1
KY-31	4.5	3.2	4.0	2.6	3.1	3.2	5.4	3.8	3.7
LSD VALUE	0.6	1.2	0.6	0.7	0.8	1.1	0.4	0.9	0.3
C.V. (%)	5.5	14.6	5.6	7.6	7.9	11.5	3.7	8.8	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
2009 DATA

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

NAME	GA1	MS1	TX1	MEAN
COCHISE IV (RKCL)	7.0	6.7	6.8	6.8
MONET (LTP-610 CL)	6.9	6.8	6.6	6.8
FALCON V (ATM)	6.9	6.7	6.6	6.8
CANNAVARO (DP 50-9440)	6.4	6.8	7.1	6.7
LS 1200 (SC-1)	6.7	6.7	6.6	6.7
CATELYST (NA-BT-1)	6.7	6.6	6.7	6.6
RK 5	6.7	6.8	6.5	6.6
FAITH (K06-WA)	6.6	6.8	6.5	6.6
TALLADEGA (RP 3)	6.8	6.6	6.4	6.6
TRAVERSE SRP (RK-1)	6.6	6.6	6.6	6.6
MUSTANG 4 (M4)	6.4	6.7	6.6	6.6
WOLFPACK II (PST-5WMB)	6.5	6.6	6.5	6.6
GARRISON (IS-TF-153)	6.9	6.6	6.1	6.5
RHAMBLER SRP (RHAMBLER)	6.6	6.6	6.5	6.5
TURBO	6.3	6.6	6.7	6.5
CEZANNE RZ (LTP-CRL)	6.7	6.6	6.3	6.5
GAZELLE II (PST-5HP)	6.6	6.7	6.3	6.5
FIRECRACKER LS (MVS-MST)	6.4	6.7	6.5	6.5
BRAVEHEART (DP 50-9407)	6.6	6.6	6.4	6.5
SPEEDWAY (STR-8BPDx)	6.6	6.6	6.4	6.5
BULLSEYE	6.6	6.6	6.3	6.5
TITANIUM LS (MVS-BB-1)	6.5	6.8	6.2	6.5
IS-TF-159	6.8	6.6	6.1	6.5
FINELAWN XPRESS (RP 2)	6.7	6.4	6.3	6.5
RAPTOR II (MVS-TF-158)	6.6	6.7	6.2	6.5
ROCKET (IS-TF-147)	6.4	6.6	6.4	6.5
PSG-82BR	6.3	6.7	6.4	6.5
TULSA TIME (TULSA III)	6.4	6.6	6.4	6.5
SHENANDOAH ELITE (RK 6)	6.0	6.6	6.8	6.5
RK 4	6.5	6.6	6.3	6.4
SPYDER LS (Z-2000)	6.1	6.6	6.6	6.4
VAN GOGH (LTP-RK2)	6.3	6.5	6.5	6.4
GE-1	6.7	6.6	6.0	6.4
HEMI	6.4	6.7	6.0	6.4
TRIO (IS-TF-152)	6.1	6.7	6.4	6.4
CORONA (COL-M)	5.9	6.8	6.4	6.4
ESSENTIAL (IS-TF-154)	6.7	6.5	5.9	6.4
SIDEWINDER (IS-TF-138)	6.2	6.6	6.3	6.4
FALCON IV	6.4	6.6	6.1	6.4
MVS-1107	6.3	6.6	6.1	6.4
BGR-TF2	6.3	6.7	6.1	6.3
GREENBROOKS (TG 50-9460)	6.3	6.7	6.0	6.3
STR-8BB5	5.9	6.7	6.4	6.3
3RD MILLENNIUM SRP	6.2	6.6	6.2	6.3
SHENANDOAH III (SH 3)	6.0	6.7	6.3	6.3

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT THREE LOCATIONS 1/
 IN THE SOUTHEAST REGION
 2009 DATA

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

NAME	GA1	MS1	TX1	MEAN
FAT CAT (IS-TF-161)	6.2	6.6	6.2	6.3
MVS-341	6.3	6.4	6.1	6.3
J-140	6.2	6.6	6.1	6.3
JAMBOREE (IS-TF-128)	6.0	6.6	6.2	6.3
NINJA 3 (ATF 1247)	6.2	6.7	6.0	6.3
AST 7002	6.1	6.6	6.1	6.3
FIRENZA	6.4	6.6	5.9	6.3
STR-8GRQR	6.2	6.6	6.1	6.3
FALCON NG (CE 1)	6.1	6.6	6.2	6.3
PEDIGREE (ATF-1199)	6.1	6.6	6.0	6.3
PSG-85QR	6.4	6.7	5.7	6.3
TERRIER (IS-TF-135)	6.0	6.4	6.3	6.3
UMBRELLA (DP 50-9411)	5.9	6.6	6.3	6.3
JT-42	6.1	6.5	6.1	6.2
HONKY TONK (RAD-TF17)	6.3	6.6	5.8	6.2
06-DUST	6.0	6.6	6.0	6.2
BAR FA 6253	6.1	6.6	6.0	6.2
ESCALADE	6.1	6.6	6.0	6.2
KZ-2	6.2	6.6	6.0	6.2
ATF 1328	6.2	6.5	5.9	6.2
STETSON II (NA-SS)	6.1	6.7	5.9	6.2
JUSTICE	6.2	6.4	6.0	6.2
GWTF	6.3	6.5	5.9	6.2
SR 8650 (STR-8LMM)	6.2	6.4	6.1	6.2
AST1001 (AST-4)	5.9	6.6	6.1	6.2
BAR FA 6363	5.9	6.6	6.1	6.2
G0-1BFD	6.0	6.7	5.9	6.2
SKYLINE	6.1	6.5	5.9	6.2
JT-36	6.2	6.4	5.9	6.2
REBEL IV	6.2	6.5	5.7	6.2
BGR-TF1	6.0	6.5	5.9	6.1
REUNION (LS-03)	5.9	6.5	5.9	6.1
TOCCOA (IS-TF-151)	6.0	6.5	6.0	6.1
REMBRANDT	6.1	6.6	5.7	6.1
TAHOE II	6.2	6.3	5.9	6.1
KZ-1	6.1	6.4	5.8	6.1
TURBO RZ (BURL-TF8)	6.2	6.6	5.5	6.1
MAGELLAN	5.9	6.6	5.8	6.1
06-WALK	6.1	6.5	5.8	6.1
PSG-RNDR	6.0	6.3	6.0	6.1
AST7003	5.9	6.5	5.8	6.1
JT-41	6.1	6.4	5.7	6.1
AST9002 (AST-2)	5.8	6.6	5.8	6.1
PADRE	6.0	6.6	5.6	6.1
EINSTEIN	6.0	6.6	5.7	6.1

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT THREE LOCATIONS 1/
 IN THE SOUTHEAST REGION
 2009 DATA

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

NAME	GA1	MS1	TX1	MEAN
J-130	6.0	6.5	5.7	6.1
JT-33	5.8	6.5	5.8	6.1
RENOVATE (LS-11)	5.8	6.6	5.8	6.1
AST9003 (AST-1)	6.0	6.5	5.6	6.0
PSG-TTRH	5.9	6.4	5.8	6.0
HUDSON (DKS)	5.6	6.5	6.0	6.0
COL-1	5.7	6.6	5.8	6.0
COMPETE (LS-06)	5.9	6.6	5.6	6.0
DARLINGTON (CS-TF1)	6.1	6.4	5.6	6.0
JT-45	5.7	6.4	6.0	6.0
RNP	5.8	6.5	5.7	6.0
HUNTER	5.7	6.5	5.8	6.0
AST9001 (AST-3)	5.6	6.5	5.8	6.0
CROSSFIRE 3 (COL-J)	5.7	6.6	5.6	6.0
AST 7001	6.0	6.3	5.5	5.9
BILTMORE	5.8	6.5	5.4	5.9
LINDBERGH	5.3	6.6	5.5	5.8
PSG-TTST	5.5	6.3	5.6	5.8
PLATO	5.6	6.3	5.4	5.8
ARISTOTLE	5.7	6.3	5.2	5.7
O312	5.0	6.5	5.6	5.7
SILVERADO	5.6	5.8	5.3	5.6
KY-31	4.7	4.4	3.8	4.3
LSD VALUE	0.6	0.3	0.6	0.3
C.V. (%)	6.3	3.2	5.8	5.2

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 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT SIX LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2009 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
RK 5	7.1	7.0	7.0	5.3	6.2	7.3	6.7
WOLFPACK II (PST-5WMB)	6.9	7.2	6.9	5.2	5.7	7.9	6.6
FALCON V (ATM)	6.9	6.9	7.3	5.2	6.0	7.5	6.6
CORONA (COL-M)	6.4	7.1	6.8	5.8	5.8	7.8	6.6
BULLSEYE	6.7	6.9	7.2	5.4	5.5	7.7	6.6
TULSA TIME (TULSA III)	6.4	7.0	6.6	5.9	5.6	7.7	6.5
RK 4	6.3	6.7	7.0	5.7	5.6	7.7	6.5
LS 1200 (SC-1)	6.9	6.8	7.6	4.3	5.8	7.5	6.5
STR-8BB5	6.2	6.7	6.5	5.6	6.1	7.6	6.5
3RD MILLENNIUM SRP	6.7	7.0	7.2	5.1	5.5	7.3	6.4
TURBO	6.8	6.9	7.2	5.2	5.6	6.9	6.4
ESSENTIAL (IS-TF-154)	6.7	6.7	7.0	5.4	5.3	7.5	6.4
ROCKET (IS-TF-147)	6.7	6.8	7.1	5.1	5.8	7.2	6.4
FIRENZA	6.8	6.9	6.8	5.4	5.4	7.5	6.4
STETSON II (NA-SS)	6.3	6.7	6.4	5.4	5.9	7.8	6.4
TRIO (IS-TF-152)	6.7	6.6	6.6	5.4	5.7	7.5	6.4
FIRECRACKER LS (MVS-MST)	7.1	6.8	7.1	4.4	5.8	7.3	6.4
JT-36	6.4	6.7	6.2	5.6	5.9	7.6	6.4
COCHISE IV (RKCL)	6.7	6.9	7.3	5.2	5.5	6.9	6.4
GAZELLE II (PST-5HP)	6.6	7.1	6.9	4.9	5.4	7.5	6.4
VAN GOGH (LTP-RK2)	6.6	6.9	7.1	5.2	5.5	7.1	6.4
JT-33	5.8	7.2	6.4	5.9	5.9	7.1	6.4
CROSSFIRE 3 (COL-J)	6.2	7.0	6.7	4.7	5.7	7.9	6.4
HUDSON (DKS)	6.5	6.7	6.6	5.8	5.4	7.1	6.4
REUNION (LS-03)	6.2	6.8	6.6	5.4	5.5	7.6	6.4
TOCCOA (IS-TF-151)	6.2	6.4	6.8	5.0	5.9	7.9	6.4
MONET (LTP-610 CL)	6.8	6.6	7.1	4.4	6.1	7.1	6.4
RAPTOR II (MVS-TF-158)	6.4	6.8	7.1	5.0	5.5	7.3	6.3
AST 7002	6.5	6.7	6.7	5.1	5.7	7.3	6.3
HEMI	6.2	7.0	7.0	4.9	5.9	6.9	6.3
SIDEWINDER (IS-TF-138)	6.3	6.4	6.9	5.4	5.6	7.3	6.3
KZ-1	6.4	7.0	6.4	4.9	5.9	7.4	6.3
BGR-TF2	6.4	6.8	6.5	4.9	5.9	7.5	6.3
BGR-TF1	6.2	7.0	6.3	6.0	5.1	7.4	6.3
SHENANDOAH III (SH 3)	6.9	6.9	7.0	5.0	5.7	6.3	6.3
SPEEDWAY (STR-8BPDx)	6.8	7.0	7.0	5.1	6.0	6.0	6.3
PEDIGREE (ATF-1199)	6.4	6.9	6.7	5.1	5.7	7.2	6.3
TITANIUM LS (MVS-BB-1)	6.7	7.0	6.2	4.3	5.8	7.9	6.3
RHAMBLER SRP (RHAMBLER)	7.2	7.1	7.1	4.2	5.7	6.5	6.3
NINJA 3 (ATF 1247)	6.3	6.8	6.7	5.3	5.6	7.2	6.3
COMPETE (LS-06)	6.4	6.6	6.4	5.9	5.7	6.7	6.3
MUSTANG 4 (M4)	6.9	6.6	6.9	4.5	6.1	6.7	6.3
PADRE	6.2	6.6	6.6	5.6	5.5	7.3	6.3
AST9001 (AST-3)	5.8	6.7	7.0	6.0	5.1	7.2	6.3

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2009 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
FAITH (K06-WA)	6.9	6.9	7.0	4.5	5.9	6.4	6.3
SHENANDOAH ELITE (RK 6)	6.9	6.6	7.2	4.5	5.4	7.0	6.3
ATF 1328	6.2	6.5	6.5	5.9	5.2	7.3	6.3
BRAVEHEART (DP 50-9407)	6.6	6.7	7.0	4.5	6.1	6.7	6.3
TALLADEGA (RP 3)	6.8	6.9	6.9	4.7	5.7	6.7	6.3
J-140	6.5	7.3	6.7	4.6	5.3	7.3	6.3
TRAVERSE SRP (RK-1)	6.9	7.0	6.9	4.9	5.8	6.1	6.3
RENOVATE (LS-11)	6.1	6.9	6.5	4.7	5.8	7.5	6.3
STR-8GRQR	6.3	6.9	6.5	5.0	5.7	7.1	6.3
FINELAWN XPRESS (RP 2)	6.9	6.9	7.1	4.4	5.3	7.0	6.3
CEZANNE RZ (LTP-CRL)	6.3	6.9	6.6	5.1	5.8	6.9	6.3
CATELYST (NA-BT-1)	6.9	7.0	7.1	3.8	5.2	7.5	6.3
SPYDER LS (Z-2000)	6.6	6.9	6.9	5.1	5.7	6.3	6.3
IS-TF-159	6.6	6.7	7.2	3.9	5.4	7.7	6.3
PSG-82BR	6.3	6.8	6.5	5.2	5.5	7.3	6.2
TURBO RZ (BURL-TF8)	6.2	6.5	6.6	5.3	5.9	6.9	6.2
ESCALADE	6.6	6.5	6.4	4.6	5.9	7.5	6.2
TERRIER (IS-TF-135)	6.9	6.9	7.0	4.1	5.4	7.1	6.2
JAMBOREE (IS-TF-128)	6.5	6.7	7.5	4.7	5.2	6.8	6.2
J-130	6.0	7.1	6.3	5.6	5.8	6.6	6.2
PSG-85QR	6.3	6.9	6.8	4.9	5.7	6.7	6.2
GREENBROOKS (TG 50-9460)	6.7	6.8	7.0	4.1	5.6	7.1	6.2
PSG-TTRH	6.2	6.7	6.6	4.9	5.8	7.1	6.2
O6-DUST	6.2	6.6	6.4	5.3	5.7	7.1	6.2
SR 8650 (STR-8LMM)	6.7	6.9	6.8	4.2	5.5	7.1	6.2
UMBRELLA (DP 50-9411)	6.1	6.9	6.6	5.3	6.2	6.0	6.2
GARRISON (IS-TF-153)	6.4	6.8	7.0	4.4	5.4	7.2	6.2
DARLINGTON (CS-TF1)	6.1	7.0	6.7	5.1	5.7	6.7	6.2
AST9003 (AST-1)	6.4	6.4	6.9	4.0	6.1	7.4	6.2
HUNTER	6.1	6.7	6.5	5.4	5.8	6.6	6.2
GE-1	6.6	6.8	6.6	5.0	5.7	6.4	6.2
JT-41	6.4	6.3	6.6	5.2	5.8	6.8	6.2
JT-42	6.3	6.7	6.4	5.4	5.9	6.2	6.2
JUSTICE	6.3	6.9	6.5	4.2	5.4	7.7	6.2
COL-1	6.3	6.8	6.6	4.3	5.7	7.3	6.2
RNP	6.3	6.7	6.3	5.4	5.5	6.7	6.2
FAT CAT (IS-TF-161)	6.2	6.8	6.8	5.3	5.2	6.6	6.1
SKYLINE	6.3	6.9	6.3	4.4	5.7	7.2	6.1
AST9002 (AST-2)	6.8	6.6	6.8	5.2	6.3	5.2	6.1
0312	6.4	6.6	6.6	4.9	6.1	6.2	6.1
GWTF	6.2	6.6	6.8	5.2	5.8	6.3	6.1
FALCON NG (CE 1)	6.5	6.8	6.5	5.2	4.9	6.9	6.1
AST7003	5.9	6.7	6.7	5.1	5.3	7.1	6.1
REBEL IV	6.5	6.7	6.5	4.7	5.9	6.5	6.1
HONKY TONK (RAD-TF17)	6.1	6.8	6.1	5.6	5.6	6.4	6.1

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2009 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
AST1001 (AST-4)	6.4	6.7	6.7	4.9	5.3	6.5	6.1
REMBRANDT	6.4	6.8	6.2	5.3	5.8	6.1	6.1
FALCON IV	6.5	6.8	6.5	5.4	5.3	5.9	6.1
PSG-RNDR	5.9	6.5	6.0	4.9	5.8	7.2	6.1
EINSTEIN	6.1	6.9	6.3	4.3	5.6	7.3	6.1
AST 7001	5.8	6.5	6.7	4.8	5.6	7.0	6.1
MAGELLAN	6.0	6.9	6.2	5.1	5.5	6.5	6.0
LINDBERGH	5.7	6.9	6.1	5.1	5.6	6.7	6.0
BAR FA 6253	6.7	6.9	6.7	4.7	5.6	5.6	6.0
BAR FA 6363	6.3	7.0	6.1	4.9	5.5	6.0	6.0
MVS-1107	6.3	6.9	6.2	4.7	6.0	5.7	6.0
MVS-341	6.2	7.0	6.5	4.7	5.6	5.6	5.9
TAHOE II	6.1	6.9	6.4	4.8	5.6	5.9	5.9
CANNAVARO (DP 50-9440)	6.2	6.6	7.3	3.3	6.0	6.0	5.9
BILTMORE	6.1	6.6	6.4	4.7	5.3	6.3	5.9
PLATO	5.9	6.8	6.2	4.4	5.7	6.5	5.9
JT-45	6.2	6.6	6.4	4.0	5.6	6.7	5.9
06-WALK	6.0	6.4	5.9	4.6	5.6	6.7	5.9
KZ-2	5.9	6.8	6.4	5.4	5.6	5.0	5.9
ARISTOTLE	5.9	6.1	6.2	4.6	5.6	6.8	5.8
GO-1BFD	6.4	6.5	6.4	3.9	5.8	5.8	5.8
PSG-TTST	6.2	6.3	6.1	4.3	5.3	6.0	5.7
SILVERADO	5.6	5.4	5.4	3.4	5.1	5.3	5.0
KY-31	4.2	3.2	4.0	1.0	5.5	2.8	3.4
LSD VALUE	0.7	0.6	0.4	1.2	0.8	1.7	0.4
C.V. (%)	7.1	5.9	4.1	15.2	8.9	15.8	10.3

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/ 2009 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
RENOVATE (LS-11)	4.0	6.0	8.0	6.3	5.3	5.7	5.0	5.8
BGR-TF2	3.3	5.7	7.7	6.7	4.7	5.7	5.0	5.5
COMPETE (LS-06)	3.7	6.0	7.3	6.0	4.0	6.0	5.3	5.5
AST1001 (AST-4)	3.3	5.3	7.7	6.3	4.7	5.7	5.0	5.4
IS-TF-159	4.0	4.7	6.7	6.0	5.3	5.7	5.7	5.4
TRIO (IS-TF-152)	3.3	4.0	6.7	6.3	5.3	6.7	5.7	5.4
CANNAVARO (DP 50-9440)	3.0	4.0	8.3	6.0	4.0	6.7	5.3	5.3
HUNTER	4.3	6.3	7.7	5.3	3.3	5.0	5.3	5.3
RNP	4.0	5.7	8.3	6.0	3.3	5.0	5.0	5.3
SHENANDOAH III (SH 3)	3.0	4.7	7.7	6.0	4.7	6.0	5.3	5.3
FALCON V (ATM)	3.0	4.0	7.3	6.0	4.3	6.3	6.0	5.3
AST9002 (AST-2)	3.3	5.0	8.0	6.0	4.3	5.3	4.7	5.2
HUDSON (DKS)	3.3	4.7	7.3	6.0	4.7	5.7	5.0	5.2
KZ-1	3.7	5.3	6.7	6.3	4.3	5.0	5.3	5.2
REUNION (LS-03)	3.3	5.0	7.3	6.7	4.7	4.7	5.0	5.2
SHENANDOAH ELITE (RK 6)	3.0	4.0	8.3	6.0	4.3	6.0	5.0	5.2
BULLSEYE	3.0	4.3	7.3	6.3	4.0	5.7	5.7	5.2
COCHISE IV (RKCL)	3.0	5.3	7.3	6.3	4.0	5.0	5.3	5.2
JT-36	3.7	6.3	7.0	5.3	3.3	5.7	5.0	5.2
RHAMBLER SRP (RHAMBLER)	3.3	5.0	6.7	6.0	5.0	5.7	4.7	5.2
AST9001 (AST-3)	3.3	4.3	7.3	6.3	4.3	5.3	5.0	5.1
JT-41	3.7	5.3	7.7	6.0	3.7	4.7	5.0	5.1
ESCALADE	3.0	5.0	7.3	6.0	4.3	5.3	5.0	5.1
PSG-TTRH	3.3	5.3	6.7	6.0	5.0	4.7	5.0	5.1
CROSSFIRE 3 (COL-J)	3.7	5.0	7.0	5.7	3.7	5.7	5.0	5.1
FAT CAT (IS-TF-161)	3.0	3.7	6.7	6.3	5.0	6.0	5.0	5.1
SR 8650 (STR-8LMM)	3.7	5.0	7.3	5.7	3.7	5.0	5.3	5.1
CEZANNE RZ (LTP-CRL)	4.0	5.0	7.0	5.7	3.3	5.3	5.3	5.1
FAITH (K06-WA)	3.3	5.3	8.0	6.0	3.3	4.7	5.0	5.1
RK 4	3.7	4.0	7.0	6.0	4.3	5.7	5.0	5.1
SPEEDWAY (STR-8BPDx)	3.0	4.0	7.0	5.7	4.7	6.0	5.3	5.1
CORONA (COL-M)	3.0	4.0	6.7	6.3	5.3	5.0	5.0	5.0
AST7003	3.3	5.3	7.0	6.0	3.3	5.0	5.3	5.0
DARLINGTON (CS-TF1)	3.3	5.3	7.3	6.7	3.3	4.7	4.7	5.0
GREENBROOKS (TG 50-9460)	3.3	5.0	7.3	6.0	3.0	5.7	5.0	5.0
REMBRANDT	3.7	5.3	6.3	6.0	4.7	4.3	5.0	5.0
FINELAWN XPRESS (RP 2)	2.7	3.7	7.3	6.0	3.7	6.3	5.3	5.0
FIRENZA	3.0	4.0	7.3	6.0	4.3	5.3	5.0	5.0
GAZELLE II (PST-5HP)	3.0	3.7	6.3	6.0	4.7	6.3	5.0	5.0
GWTF	3.0	4.3	7.0	6.0	4.0	5.7	5.0	5.0
JAMBOREE (IS-TF-128)	3.0	4.0	7.0	6.0	3.3	6.3	5.3	5.0
LINDBERGH	3.0	4.7	6.3	5.7	4.0	6.3	5.0	5.0
PADRE	3.3	4.7	6.3	5.7	4.7	5.3	5.0	5.0
VAN GOGH (LTP-RK2)	3.0	4.0	7.3	6.3	4.3	5.0	5.0	5.0

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
 (CONT'D) MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
 2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
3RD MILLENNIUM SRP	3.0	5.0	7.3	6.0	3.7	5.0	5.0	5.0
BGR-TF1	3.0	4.3	7.0	6.0	4.3	4.7	5.3	5.0
GARRISON (IS-TF-153)	3.0	3.3	7.0	6.0	4.7	5.3	5.3	5.0
KZ-2	3.3	4.7	7.0	6.0	4.0	4.7	5.0	5.0
PSG-82BR	3.0	4.7	6.3	5.7	4.7	5.3	5.0	5.0
RK 5	2.7	4.0	6.7	6.0	4.3	5.3	5.7	5.0
TALLADEGA (RP 3)	3.0	4.7	7.0	6.0	4.0	5.0	5.0	5.0
JT-33	3.7	5.0	6.7	6.0	4.0	4.7	4.7	5.0
PEDIGREE (ATF-1199)	2.7	5.0	7.0	6.0	4.7	4.3	5.0	5.0
AST9003 (AST-1)	3.0	4.0	7.3	6.7	3.7	4.7	5.0	4.9
JUSTICE	3.3	4.0	6.3	5.7	5.0	5.0	5.0	4.9
MONET (LTP-610 CL)	3.0	4.0	7.0	6.0	3.7	5.7	5.0	4.9
MUSTANG 4 (M4)	3.0	5.0	7.3	5.7	3.7	4.7	5.0	4.9
SKYLINE	3.3	4.0	6.7	6.0	4.0	5.3	5.0	4.9
TURBO	2.7	4.3	7.7	6.0	3.7	5.0	5.0	4.9
STR-8BB5	3.0	4.3	7.0	5.7	4.0	5.0	5.0	4.9
TULSA TIME (TULSA III)	3.3	4.3	7.3	5.7	3.7	4.7	5.0	4.9
SPYDER LS (Z-2000)	3.7	5.0	6.7	6.0	3.3	4.0	5.3	4.9
WOLFPACK II (PST-5WMB)	3.0	4.3	7.0	6.0	4.0	4.7	5.0	4.9
AST 7002	3.3	4.3	6.3	6.0	3.7	5.0	5.0	4.8
EINSTEIN	3.0	4.3	6.3	5.7	4.0	5.3	5.0	4.8
FIRECRACKER LS (MVS-MST)	2.3	3.3	6.3	6.0	4.7	6.0	5.0	4.8
GE-1	3.0	4.7	6.7	5.3	3.7	5.3	5.0	4.8
JT-45	3.3	4.3	7.3	5.3	3.0	5.3	5.0	4.8
PSG-85QR	3.0	4.0	7.0	5.3	4.3	5.0	5.0	4.8
RAPTOR II (MVS-TF-158)	3.0	4.7	6.3	5.7	3.7	5.0	5.3	4.8
STETSON II (NA-SS)	3.0	4.7	7.7	6.0	3.3	4.0	5.0	4.8
BAR FA 6363	2.7	3.7	6.3	5.7	4.3	5.7	5.0	4.8
BILTMORE	3.0	4.0	6.7	6.0	3.7	5.0	5.0	4.8
CATELYST (NA-BT-1)	2.3	3.0	6.3	6.0	4.7	6.0	5.0	4.8
MAGELLAN	3.0	3.7	6.0	6.0	4.3	5.3	5.0	4.8
NINJA 3 (ATF 1247)	3.3	4.7	6.7	5.7	3.7	4.3	5.0	4.8
TRAVERSE SRP (RK-1)	2.7	3.7	7.0	5.3	4.0	5.3	5.3	4.8
AST 7001	3.3	4.0	6.0	6.0	3.7	5.0	5.0	4.7
BRAVEHEART (DP 50-9407)	3.0	4.0	6.0	6.0	2.7	5.3	6.0	4.7
COL-1	3.0	3.7	6.3	6.0	3.7	5.3	5.0	4.7
FALCON NG (CE 1)	3.0	5.3	6.7	5.3	3.0	4.7	5.0	4.7
J-140	2.7	4.0	6.7	6.0	4.0	4.7	5.0	4.7
JT-42	3.0	4.3	6.3	6.0	3.7	4.7	5.0	4.7
REBEL IV	2.7	3.7	6.7	5.3	4.0	5.7	5.0	4.7
TITANIUM LS (MVS-BB-1)	2.7	4.3	6.7	5.7	3.7	5.0	5.0	4.7
ESSENTIAL (IS-TF-154)	2.3	3.3	6.0	6.0	4.3	5.3	5.3	4.7
GO-1BFD	3.3	4.3	6.0	5.3	4.0	5.0	4.7	4.7
HEMI	2.7	3.7	7.0	6.0	4.0	4.3	5.0	4.7
ATF 1328	3.0	3.7	5.7	6.0	4.0	5.0	5.0	4.6

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ROCKET (IS-TF-147)	2.7	3.7	5.7	6.0	4.3	5.3	4.7	4.6
SIDEWINDER (IS-TF-138)	2.7	3.3	6.7	6.3	4.0	4.3	5.0	4.6
UMBRELLA (DP 50-9411)	2.7	4.0	7.3	5.7	3.0	4.3	5.3	4.6
BAR FA 6253	2.7	4.3	6.7	5.3	3.3	4.7	5.3	4.6
MVS-1107	3.0	4.0	6.3	5.7	3.3	4.7	5.0	4.6
PSG-RNDR	2.7	3.7	6.3	6.0	4.0	4.3	5.0	4.6
06-WALK	3.0	4.3	6.0	5.7	3.3	4.3	5.0	4.5
PSG-TTST	3.3	4.3	5.7	5.0	4.0	4.3	5.0	4.5
LS 1200 (SC-1)	1.7	3.0	6.3	6.0	4.3	5.3	5.0	4.5
TOCCOA (IS-TF-151)	2.7	4.0	6.3	6.0	3.3	4.3	5.0	4.5
FALCON IV	3.0	4.7	6.0	5.3	3.0	4.7	5.0	4.5
STR-8GRQR	2.7	4.3	6.3	5.0	3.7	4.7	5.0	4.5
TAHOE II	2.3	3.7	6.3	6.0	4.3	4.0	4.7	4.5
TURBO RZ (BURL-TF8)	3.3	3.7	5.7	5.7	3.3	4.7	5.0	4.5
MVS-341	2.7	3.3	5.7	6.0	3.7	4.7	5.0	4.4
ARISTOTLE	2.7	4.3	5.7	5.3	3.7	4.0	5.0	4.4
TERRIER (IS-TF-135)	2.3	3.7	6.3	6.0	3.3	4.0	5.0	4.4
06-DUST	2.3	4.0	5.7	5.7	3.0	4.7	5.0	4.3
J-130	2.3	3.7	5.7	6.0	3.7	4.0	5.0	4.3
PLATO	3.0	4.3	5.0	5.3	3.3	4.0	5.0	4.3
HONKY TONK (RAD-TF17)	2.0	2.7	5.3	5.3	4.0	4.7	5.0	4.1
SILVERADO	2.7	3.3	4.0	4.7	4.0	5.0	4.7	4.0
0312	2.3	3.0	4.3	5.3	3.0	4.7	4.7	3.9
KY-31	3.3	4.7	3.0	3.7	2.7	3.0	3.0	3.3
LSD VALUE	1.0	1.5	1.5	0.7	1.6	1.6	0.6	0.6
C.V. (%)	20.9	21.9	14.0	7.8	25.3	19.0	7.2	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 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHWEST REGION
2009 DATA

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

NAME	CA3	NM1	MEAN	NAME	CA3	NM1	MEAN
BULLSEYE	6.6	7.2	6.9	3RD MILLENNIUM SRP	6.3	6.0	6.2
HEMI	6.4	7.3	6.9	STR-8BB5	5.6	6.6	6.1
MONET (LTP-610 CL)	6.4	7.3	6.9	MVS-341	5.5	6.7	6.1
ESSENTIAL (IS-TF-154)	6.8	7.0	6.9	CANNAVARO (DP 50-9440)	6.2	6.0	6.1
SPEEDWAY (STR-8BPDJ)	6.3	7.3	6.8	UMBRELLA (DP 50-9411)	5.4	6.7	6.1
LS 1200 (SG-1)	6.1	7.5	6.8	HONKY TONK (RAD-TF17)	5.6	6.6	6.1
FALCON V (ATM)	6.8	6.8	6.8	MAGELLAN	5.1	7.0	6.1
RK 4	6.1	7.4	6.8	J-130	5.8	6.3	6.0
RK 5	6.4	7.1	6.7	JT-41	5.3	6.7	6.0
FIRECRACKER LS (MVS-MST)	6.3	7.1	6.7	COCHISE IV (RKCL)	6.3	5.8	6.0
CATELYST (NA-BT-1)	6.7	6.6	6.7	ESCALADE	5.7	6.3	6.0
PEDIGREE (ATF-1199)	5.9	7.4	6.6	HUDSON (DKS)	5.5	6.5	6.0
SHENANDOAH III (SH 3)	6.3	6.9	6.6	LINDBERGH	5.2	6.8	6.0
TURBO	5.8	7.4	6.6	SHENANDOAH ELITE (RK 6)	6.6	5.3	6.0
GE-1	5.9	7.4	6.6	BAR FA 6253	5.9	6.0	6.0
FIRENZA	6.4	6.8	6.6	SKYLINE	5.5	6.4	6.0
MVS-1107	5.9	7.3	6.6	KZ-1	5.5	6.4	6.0
GARRISON (IS-TF-153)	6.3	6.9	6.6	EINSTEIN	5.0	6.9	6.0
BRAVEHEART (DP 50-9407)	6.3	6.9	6.6	FALCON NG (CE 1)	6.0	5.9	6.0
GAZELLE II (PST-5HP)	5.8	7.4	6.6	CORONA (COL-M)	5.6	6.3	5.9
WOLFPACK II (PST-5WMB)	6.0	7.1	6.6	JT-42	5.6	6.3	5.9
VAN GOGH (LTP-RK2)	5.9	7.2	6.6	TULSA TIME (TULSA III)	5.1	6.7	5.9
RHAMBLER SRP (RHAMBLER)	6.3	6.8	6.5	REBEL IV	5.6	6.2	5.9
ROCKET (IS-TF-147)	5.7	7.3	6.5	TRAVERSE SRP (RK-1)	5.8	6.0	5.9
GREENBROOKS (TG 50-9460)	6.1	6.9	6.5	06-WALK	5.4	6.4	5.9
FAT CAT (IS-TF-161)	5.6	7.4	6.5	JT-45	5.6	6.1	5.9
STR-8GRQR	6.0	7.0	6.5	MUSTANG 4 (M4)	6.1	5.6	5.9
JUSTICE	5.8	7.0	6.4	JAMBOREE (IS-TF-128)	5.8	5.9	5.9
TERRIER (IS-TF-135)	5.8	7.0	6.4	AST 7002	5.4	6.3	5.8
GO-1BFD	5.6	7.1	6.4	SPYDER LS (Z-2000)	5.8	5.9	5.8
FAITH (K06-WA)	6.2	6.5	6.4	NINJA 3 (ATF 1247)	5.4	6.3	5.8
J-140	5.7	7.0	6.4	TALLADEGA (RP 3)	6.0	5.6	5.8
TITANIUM LS (MVS-BB-1)	5.9	6.8	6.4	COL-1	5.6	6.0	5.8
PSG-82BR	5.9	6.8	6.3	BAR FA 6363	4.7	6.9	5.8
FALCON IV	6.1	6.6	6.3	GWTF	5.1	6.4	5.8
REMBRANDT	5.7	7.0	6.3	FINELAWN XPRESS (RP 2)	6.2	5.2	5.7
PSG-85QR	6.2	6.5	6.3	PSG-TTST	5.3	6.1	5.7
CEZANNE RZ (LTP-CRL)	5.8	6.9	6.3	DARLINGTON (CS-TF1)	5.3	6.1	5.7
ATF 1328	5.0	7.6	6.3	STETSON II (NA-SS)	4.8	6.5	5.7
RAPTOR II (MVS-TF-158)	5.6	6.9	6.3	TOCCOA (IS-TF-151)	4.8	6.5	5.7
JT-36	5.7	6.8	6.2	PLATO	5.1	6.1	5.6
BGR-TF2	5.2	7.2	6.2	0312	5.4	5.8	5.6
SR 8650 (STR-8LMM)	6.0	6.4	6.2	RENOVATE (LS-11)	5.4	5.7	5.6
IS-TF-159	5.5	6.8	6.2	AST9002 (AST-2)	5.2	5.9	5.6
				SILVERADO	4.9	6.1	5.5

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT TWO LOCATIONS 1/
IN THE SOUTHWEST REGION
2009 DATA

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

NAME	CA3	NM1	MEAN
O6-DUST	5.8	5.2	5.5
KZ-2	5.1	5.9	5.5
PSG-RNDR	5.2	5.8	5.5
JT-33	5.3	5.7	5.5
BGR-TF1	5.4	5.6	5.5
AST9001 (AST-3)	5.1	5.8	5.5
AST7003	5.1	5.9	5.5
TRIO (IS-TF-152)	5.4	5.4	5.4
TAHOE II	4.5	6.3	5.4
CROSSFIRE 3 (COL-J)	4.8	5.9	5.4
PADRE	5.8	4.9	5.3
BILTMORE	4.6	6.1	5.3
REUNION (LS-03)	5.4	5.2	5.3
RNP	4.9	5.8	5.3
ARISTOTLE	4.3	6.3	5.3
TURBO RZ (BURL-TF8)	5.0	5.5	5.3
AST 7001	4.6	5.9	5.3
AST9003 (AST-1)	5.6	4.9	5.3
PSG-TTRH	5.2	5.2	5.2
HUNTER	5.2	5.0	5.1
SIDEWINDER (IS-TF-138)	5.3	4.8	5.1
AST1001 (AST-4)	4.8	5.2	5.0
COMPETE (LS-06)	5.0	4.9	5.0
KY-31	3.9	4.9	4.4
LSD VALUE	0.8	1.5	0.9
C.V. (%)	9.0	15.0	12.8

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

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

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2009 DATA

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

NAME	CA6	WA3	MEAN	NAME	CA6	WA3	MEAN
FAITH (K06-WA)	7.0	4.4	5.7	CANNAVARO (DP 50-9440)	7.1	3.1	5.1
WOLFPACK II (PST-5WMB)	6.8	4.5	5.7	TERRIER (IS-TF-135)	6.7	3.4	5.1
3RD MILLENNIUM SRP	6.8	4.5	5.7	JT-45	6.4	3.7	5.1
ESSENTIAL (IS-TF-154)	6.9	4.4	5.7	CEZANNE RZ (LTP-CRL)	6.1	4.1	5.1
TRAVERSE SRP (RK-1)	6.8	4.4	5.6	JT-41	6.3	3.8	5.1
CATELYST (NA-BT-1)	6.6	4.6	5.6	FAT CAT (IS-TF-161)	6.5	3.6	5.1
RK 4	6.9	4.3	5.6	HONKY TONK (RAD-TF17)	6.3	3.8	5.1
FALCON V (ATM)	6.9	4.3	5.6	AST9002 (AST-2)	6.6	3.5	5.0
FIRECRACKER LS (MVS-MST)	7.2	4.0	5.6	NINJA 3 (ATF 1247)	6.3	3.8	5.0
SHENANDOAH ELITE (RK 6)	6.9	4.3	5.6	GREENBROOKS (TG 50-9460)	6.6	3.5	5.0
RK 5	7.1	4.0	5.6	ESCALADE	6.4	3.6	5.0
FIRENZA	6.5	4.5	5.5	CORONA (COL-M)	6.4	3.6	5.0
SIDEWINDER (IS-TF-138)	6.9	4.0	5.4	TOCCOA (IS-TF-151)	6.6	3.4	5.0
LS 1200 (SC-1)	6.6	4.3	5.4	REUNION (LS-03)	6.7	3.3	5.0
VAN GOGH (LTP-RK2)	6.5	4.4	5.4	GO-1BFD	5.8	4.2	5.0
MONET (LTP-610 CL)	6.9	4.0	5.4	BAR FA 6253	6.3	3.7	5.0
SHENANDOAH III (SH 3)	6.7	4.1	5.4	JT-33	6.3	3.6	5.0
PSG-82BR	6.6	4.2	5.4	COMPETE (LS-06)	6.3	3.6	5.0
COCHISE IV (RKCL)	7.0	3.8	5.4	RAPTOR II (MVS-TF-158)	6.3	3.7	5.0
BULLSEYE	7.0	3.8	5.4	DARLINGTON (CS-TF1)	6.5	3.4	5.0
RHAMBLER SRP (RHAMBLER)	6.4	4.3	5.4	REBEL IV	6.2	3.7	5.0
SR 8650 (STR-8LMM)	6.3	4.4	5.3	J-130	6.3	3.6	4.9
JAMBOREE (IS-TF-128)	6.7	4.0	5.3	JT-42	6.4	3.5	4.9
FINELAWN XPRESS (RP 2)	6.4	4.2	5.3	PSG-TTRH	6.3	3.6	4.9
STR-8BB5	6.7	3.9	5.3	AST 7002	6.4	3.5	4.9
HEMI	6.4	4.2	5.3	GE-1	6.0	3.8	4.9
GARRISON (IS-TF-153)	6.6	4.0	5.3	RNP	6.4	3.4	4.9
GAZELLE II (PST-5HP)	6.3	4.3	5.3	FALCON IV	6.0	3.8	4.9
PSG-85QR	6.3	4.3	5.3	BGR-TF1	6.4	3.4	4.9
IS-TF-159	6.9	3.6	5.2	PEDIGREE (ATF-1199)	6.1	3.6	4.9
MUSTANG 4 (M4)	6.4	4.1	5.2	UMBRELLA (DP 50-9411)	6.2	3.6	4.9
JUSTICE	6.6	3.8	5.2	RENOVATE (LS-11)	6.4	3.4	4.9
SPYDER LS (Z-2000)	6.8	3.6	5.2	KZ-1	6.2	3.5	4.9
SPEEDWAY (STR-8BPD)	6.0	4.4	5.2	STETSON II (NA-SS)	6.1	3.6	4.9
ROCKET (IS-TF-147)	6.5	3.9	5.2	JT-36	6.0	3.7	4.9
TURBO	6.6	3.7	5.2	FALCON NG (CE 1)	6.1	3.6	4.8
TURBO RZ (BURL-TF8)	6.4	3.9	5.1	AST9001 (AST-3)	6.2	3.5	4.8
PADRE	6.1	4.1	5.1	BGR-TF2	6.3	3.3	4.8
BRAVEHEART (DP 50-9407)	6.5	3.7	5.1	COL-1	6.1	3.5	4.8
J-140	6.4	3.9	5.1	MAGELLAN	6.0	3.6	4.8
MVS-1107	6.1	4.2	5.1	TAHOE II	6.1	3.5	4.8
TALLADEGA (RP 3)	6.7	3.5	5.1	PSG-RNDR	6.3	3.3	4.8
TRIO (IS-TF-152)	6.3	4.0	5.1	AST7003	6.1	3.5	4.8
SKYLINE	6.2	4.0	5.1	MVS-341	6.0	3.6	4.8
				CROSSFIRE 3 (COL-J)	6.1	3.4	4.8

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2009 DATA

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

NAME	CA6	WA3	MEAN
KZ-2	6.4	3.1	4.7
O6-DUST	5.9	3.6	4.7
ATF 1328	5.9	3.6	4.7
TITANIUM LS (MVS-BB-1)	5.6	3.9	4.7
AST9003 (AST-1)	6.0	3.4	4.7
O6-WALK	5.9	3.5	4.7
AST1001 (AST-4)	6.1	3.3	4.7
O312	6.2	3.1	4.7
STR-8GRQR	5.7	3.6	4.7
HUNTER	6.0	3.3	4.7
HUDSON (DKS)	6.2	3.1	4.7
GWTF	5.9	3.3	4.6
AST 7001	6.0	3.3	4.6
REMBRANDT	5.7	3.6	4.6
BAR FA 6363	5.8	3.4	4.6
LINDBERGH	5.8	3.3	4.5
BILTMORE	5.7	3.3	4.5
TULSA TIME (TULSA III)	5.6	3.3	4.5
PLATO	5.7	3.2	4.4
EINSTEIN	5.8	3.0	4.4
PSG-TTST	5.3	3.2	4.3
SILVERADO	4.9	3.5	4.2
ARISTOTLE	5.1	3.1	4.1
KY-31	2.2	2.6	2.4
LSD VALUE	0.6	0.6	0.4
C.V. (%)	6.2	10.2	7.7

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

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

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 GROWN UNDER SHADE AT CARBONDALE, IL 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT	PERCENT SEDGE	QUALITY RATINGS									MEAN
	COVER FALL		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PSG-TTST	67.3	11.0	8.0	7.3	8.3	8.7	8.7	8.7	8.7	7.7	7.0	8.1
HONKY TONK (RAD-TF17)	73.3	18.3	7.0	6.0	8.0	8.7	8.0	8.7	8.7	8.0	7.0	7.8
BGR-TF2	75.7	12.3	7.0	6.0	8.7	8.3	8.0	7.7	7.7	8.0	8.0	7.7
TITANIUM LS (MVS-BB-1)	73.7	7.0	8.0	7.0	8.7	8.3	7.3	8.0	8.7	7.0	6.3	7.7
ESSENTIAL (IS-TF-154)	67.7	8.0	6.7	6.3	8.3	8.7	8.0	8.0	8.0	7.7	6.3	7.6
JT-45	82.3	12.7	6.3	6.7	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.6
REBEL IV	70.7	6.0	6.7	6.7	8.0	8.3	7.0	8.0	8.0	8.0	8.0	7.6
SPEEDWAY (STR-8BPDx)	79.3	13.3	6.0	6.0	8.0	8.0	7.7	7.7	8.7	8.7	8.0	7.6
06-DUST	70.3	14.0	7.0	6.0	8.0	6.7	7.0	8.0	8.3	8.0	7.7	7.4
LINDBERGH	62.3	23.7	7.7	6.7	8.0	8.3	8.3	7.7	7.3	6.7	5.7	7.4
AST1001 (AST-4)	72.3	14.3	6.3	6.7	8.7	7.0	7.7	7.3	7.3	7.7	7.3	7.3
CANNAVARO (DP 50-9440)	77.0	18.7	6.3	5.3	8.0	8.3	7.3	7.3	7.3	8.0	8.0	7.3
JAMBOREE (IS-TF-128)	63.7	16.7	7.0	5.0	8.7	8.3	7.0	7.7	8.0	7.3	6.7	7.3
SHENANDOAH III (SH 3)	75.3	18.7	6.0	6.0	8.0	8.3	7.3	7.3	7.7	7.0	8.0	7.3
STETSON II (NA-SS)	79.0	16.3	6.7	6.0	8.0	7.3	7.3	7.3	7.0	7.7	8.3	7.3
3RD MILLENNIUM SRP	72.7	6.7	5.3	5.3	8.0	8.0	7.7	7.7	7.7	8.0	7.0	7.2
HUNTER	65.7	23.0	7.0	5.7	8.3	8.0	7.3	7.0	7.3	7.0	7.0	7.2
JUSTICE	69.0	12.3	6.0	6.0	8.7	8.0	7.0	7.0	7.7	7.7	7.0	7.2
KY-31	56.3	6.3	6.7	7.0	7.7	9.0	6.7	7.7	8.7	6.7	5.0	7.2
SPYDER LS (Z-2000)	69.7	12.3	7.0	6.0	7.7	7.7	7.7	7.7	7.3	7.0	6.7	7.2
TURBO RZ (BURL-TF8)	73.0	10.3	6.3	5.3	7.0	7.3	7.7	7.7	8.0	7.7	7.7	7.2
GARRISON (IS-TF-153)	72.3	7.3	7.0	6.0	7.7	7.0	7.7	7.0	7.3	7.7	7.0	7.1
PLATO	64.3	4.0	7.0	7.0	7.0	8.7	7.3	7.0	8.0	6.0	6.0	7.1
TOCCOA (IS-TF-151)	67.7	34.3	6.7	6.3	8.3	7.7	7.0	7.0	7.0	7.0	6.7	7.1
AST9003 (AST-1)	63.3	11.0	6.3	6.0	7.3	7.7	6.3	7.3	8.0	7.3	6.3	7.0
CROSSFIRE 3 (COL-J)	67.3	16.3	6.0	6.0	8.0	7.0	7.7	7.3	7.3	7.0	7.0	7.0
ESCALADE	63.0	5.7	6.3	5.3	7.7	7.7	7.7	7.3	7.0	7.0	7.0	7.0
FALCON IV	67.0	12.3	6.0	6.7	8.0	7.7	7.3	7.0	7.0	6.7	6.7	7.0
MAGELLAN	71.3	13.7	7.0	6.0	7.0	7.3	7.3	7.3	7.7	7.0	6.7	7.0
NINJA 3 (ATF 1247)	67.0	12.0	6.0	6.0	8.0	8.0	7.3	7.0	7.0	6.3	7.0	7.0
PEDIGREE (ATF-1199)	72.3	11.3	6.3	6.0	7.7	7.7	7.7	7.0	7.0	6.7	7.0	7.0
PSG-RNDR	68.3	10.0	8.0	6.7	7.7	6.7	6.7	6.7	7.0	7.0	7.0	7.0
RAPTOR II (MVS-TF-158)	66.0	13.7	6.3	5.3	8.0	7.3	7.3	7.3	7.0	7.0	7.0	7.0
SR 8650 (STR-8LMM)	70.3	15.0	6.0	5.3	7.3	7.3	7.3	7.7	7.3	7.3	7.0	7.0
WOLFPACK II (PST-5WMB)	67.3	18.0	6.7	5.7	7.7	7.7	7.3	7.3	7.0	7.0	6.7	7.0
FIRENZA	67.0	12.3	7.0	5.7	7.7	7.3	7.3	7.3	7.3	6.7	6.0	6.9
GREENBROOKS (TG 50-9460)	72.7	15.7	6.7	7.0	7.7	7.0	6.7	7.0	6.3	6.7	6.7	6.9
JT-33	75.0	16.7	6.7	6.0	7.0	7.0	7.0	7.3	7.3	7.0	7.0	6.9
JT-41	66.7	13.3	6.7	5.7	8.0	7.0	7.3	7.3	7.7	6.7	6.0	6.9
JT-42	63.3	14.3	5.7	5.3	7.7	7.3	6.7	7.0	7.3	7.7	7.0	6.9
PSG-TTRH	65.0	4.3	6.7	5.7	8.0	8.7	7.0	7.0	6.7	6.7	5.3	6.9
TRAVERSE SRP (RK-1)	72.7	7.0	5.3	5.3	7.0	8.3	7.3	7.3	7.3	7.3	7.0	6.9
TULSA TIME (TULSA III)	67.0	7.7	5.7	5.3	7.7	7.0	7.3	7.7	7.3	7.0	6.7	6.9
AST7003	66.0	21.3	6.7	6.0	6.7	7.0	7.7	7.3	7.3	6.3	6.0	6.8
BILTMORE	71.3	26.7	6.0	6.7	7.7	7.3	7.0	6.7	6.7	6.3	6.7	6.8

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

2009 DATA

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

NAME	PERCENT	PERCENT SEDGE	QUALITY RATINGS									MEAN
	COVER FALL		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BRAVEHEART (DP 50-9407)	67.3	7.3	5.3	5.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7
KZ-2	69.7	13.7	6.3	5.7	7.0	7.0	7.0	7.0	7.0	6.7	6.7	6.7
COL-1	69.7	11.7	5.3	5.3	7.0	7.3	6.7	7.0	7.7	7.0	6.3	6.6
CORONA (COL-M)	68.0	10.0	5.7	5.7	6.7	6.0	7.0	7.0	7.3	7.3	6.7	6.6
MVS-341	61.3	11.7	6.7	5.7	7.0	7.0	7.0	6.7	7.0	6.3	5.7	6.6
REMBRANDT	80.0	8.3	4.3	5.0	7.0	8.0	7.0	7.3	7.0	7.0	7.0	6.6
RNP	72.3	11.7	7.0	5.3	7.0	6.0	7.3	7.0	7.0	6.3	6.3	6.6
SKYLINE	70.7	13.0	6.0	6.0	8.0	7.0	6.3	6.3	6.7	6.7	6.7	6.6
BAR FA 6363	78.7	16.0	5.3	4.7	7.0	7.7	7.0	6.3	6.3	7.0	7.3	6.5
FAT CAT (IS-TF-161)	65.3	21.0	6.0	5.0	6.7	6.3	6.7	7.0	7.0	7.0	6.7	6.5
PADRE	71.7	13.7	5.0	5.7	7.0	7.0	7.0	7.3	7.0	6.3	6.0	6.5
PSG-82BR	63.3	8.3	5.7	5.7	6.3	7.0	6.7	7.0	7.0	6.7	6.3	6.5
06-WALK	66.0	20.3	5.3	6.0	8.0	6.3	6.3	6.3	7.0	6.7	6.0	6.4
BGR-TF1	58.3	9.0	6.3	5.3	6.7	6.7	7.0	6.7	6.3	6.3	6.7	6.4
FINELAWN XPRESS (RP 2)	69.0	13.0	5.3	5.3	6.3	7.3	6.3	6.7	7.0	6.7	7.0	6.4
MUSTANG 4 (M4)	74.0	13.7	5.3	5.3	7.0	6.3	6.7	6.7	6.7	6.7	7.0	6.4
STR-8GRQR	64.3	13.3	6.7	6.0	5.7	6.0	6.7	7.0	6.0	6.7	6.7	6.4
BULLSEYE	67.0	9.0	5.0	4.7	7.0	6.3	6.7	6.7	6.7	6.7	6.7	6.3
IS-TF-159	64.7	19.3	5.0	4.0	6.7	6.3	7.0	7.0	7.3	7.0	6.7	6.3
J-130	74.0	6.7	4.3	5.3	6.3	7.0	6.7	7.0	7.0	6.7	6.3	6.3
J-140	64.0	6.7	5.3	5.3	6.3	7.0	6.7	6.7	6.3	6.7	6.7	6.3
SILVERADO	62.0	20.7	5.3	5.3	7.7	6.3	7.3	6.7	6.0	6.3	6.0	6.3
UMBRELLA (DP 50-9411)	68.7	9.3	5.3	5.0	6.7	6.3	6.3	6.3	6.7	7.0	7.0	6.3
ARISTOTLE	51.7	10.0	4.7	5.7	6.7	7.3	6.7	6.7	6.7	6.0	5.7	6.2
AST 7001	69.0	18.7	5.3	5.0	6.3	6.3	6.7	6.3	6.0	6.7	7.0	6.2
AST 7002	73.0	18.7	6.0	5.0	6.7	6.7	6.3	6.0	5.3	6.7	7.0	6.2
EINSTEIN	62.7	9.7	5.3	4.7	6.7	6.0	6.7	7.0	7.0	6.7	6.0	6.2
FAITH (K06-WA)	70.7	5.3	6.0	5.0	6.7	5.7	7.0	7.0	6.0	6.0	6.7	6.2
GO-1BFD	69.3	11.3	5.0	5.0	6.7	6.7	7.0	6.7	6.3	6.0	6.3	6.2
HEMI	66.7	12.3	5.0	5.3	6.0	7.0	6.7	6.3	6.0	6.3	7.0	6.2
HUDSON (DKS)	68.7	10.3	4.7	4.7	6.0	6.3	6.3	6.7	7.3	7.0	7.0	6.2
JT-36	63.7	7.3	5.0	5.3	6.7	6.7	7.0	6.7	6.3	6.0	6.0	6.2
TERRIER (IS-TF-135)	50.3	15.7	6.0	5.3	6.7	6.3	6.0	6.3	6.7	6.3	6.0	6.2
0312	55.3	12.3	5.0	5.0	6.3	6.0	6.7	7.0	6.7	6.7	6.0	6.1
AST9001 (AST-3)	64.7	6.3	5.0	4.7	6.3	6.7	6.0	6.0	6.7	7.0	6.3	6.1
AST9002 (AST-2)	64.0	8.0	4.7	5.7	7.0	5.3	6.7	6.7	6.3	6.7	6.3	6.1
ATF 1328	53.7	8.0	4.7	4.7	6.0	6.3	6.0	7.0	6.7	7.0	7.0	6.1
DARLINGTON (CS-TF1)	71.7	11.7	5.0	4.7	6.3	6.3	6.3	6.3	6.3	6.7	7.0	6.1
STR-8BB5	54.0	6.7	5.0	5.0	6.7	6.7	6.7	6.7	6.7	6.0	5.7	6.1
COMPETE (LS-06)	73.7	14.3	4.0	4.0	6.3	6.0	6.3	6.3	6.3	6.7	7.7	6.0
FIRECRACKER LS (MVS-MST)	63.7	10.7	5.3	5.7	6.0	5.7	6.7	6.7	6.0	6.0	6.0	6.0
GE-1	68.3	5.0	6.0	6.0	6.3	6.3	6.0	6.0	6.0	5.7	6.0	6.0
PSG-85QR	64.3	10.3	5.3	5.7	5.7	6.0	6.0	6.3	6.3	6.3	6.0	6.0
RK 4	70.0	7.0	5.0	5.3	6.3	6.7	6.0	6.0	6.0	6.3	6.7	6.0
SHENANDOAH ELITE (RK 6)	71.0	3.7	4.0	4.3	5.7	6.3	6.7	6.7	6.7	7.0	7.0	6.0

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2009 DATA

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

NAME	PERCENT	PERCENT	QUALITY RATINGS									MEAN
	COVER		SEDGE	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
	FALL											
TRIO (IS-TF-152)	61.3	14.7	4.0	4.0	6.3	7.0	7.0	6.7	6.7	6.3	6.3	6.0
COCHISE IV (RKCL)	66.3	13.0	5.0	4.0	6.7	6.0	7.0	6.7	6.0	6.0	6.0	5.9
KZ-1	53.0	7.7	5.7	5.0	6.7	6.3	6.0	6.0	6.0	6.0	5.7	5.9
MVS-1107	57.3	14.0	5.7	5.0	7.0	6.0	5.7	5.7	6.0	5.7	6.0	5.9
MONET (LTP-610 CL)	58.7	8.7	4.3	4.3	7.0	6.0	6.7	6.3	5.7	6.0	6.0	5.8
CATELYST (NA-BT-1)	70.0	9.0	4.0	4.0	6.3	6.7	6.3	5.7	6.0	6.3	6.0	5.7
CEZANNE RZ (LTP-CRL)	48.0	11.3	4.0	4.3	6.3	5.7	6.7	6.3	6.0	6.0	5.7	5.7
VAN GOGH (LTP-RK2)	53.3	13.0	4.0	4.3	7.0	6.3	6.3	6.7	6.3	5.3	5.3	5.7
RHAMBLER SRP (RHAMBLER)	69.7	4.0	4.0	4.0	6.0	7.0	5.7	5.7	6.0	6.0	6.3	5.6
TAHOE II	51.3	15.0	4.0	4.3	6.0	5.3	6.3	6.3	6.3	6.0	6.0	5.6
TURBO	54.7	12.0	3.7	4.0	5.7	6.0	6.0	6.0	6.0	6.3	6.0	5.5
RENOVATE (LS-11)	66.7	15.0	3.3	4.0	5.7	5.7	5.7	6.0	6.0	6.3	6.3	5.4
ROCKET (IS-TF-147)	55.7	22.3	4.0	4.3	6.7	5.3	5.7	5.7	5.3	5.7	6.0	5.4
BAR FA 6253	46.7	21.0	4.0	4.0	5.0	5.3	5.0	5.7	6.0	6.3	6.0	5.3
FALCON V (ATM)	57.0	7.0	5.0	4.7	5.3	5.0	5.0	5.0	5.0	5.7	5.0	5.1
REUNION (LS-03)	58.0	9.7	4.3	4.3	5.0	6.0	5.3	5.0	5.0	5.3	5.7	5.1
RK 5	49.7	4.0	4.3	3.7	4.7	5.3	5.7	6.0	6.3	5.0	5.0	5.1
SIDEWINDER (IS-TF-138)	50.3	33.3	4.0	3.7	4.7	5.3	5.7	5.3	5.3	5.7	6.0	5.1
GWTF	45.3	10.3	4.7	4.7	5.3	3.7	5.3	5.3	5.3	5.3	5.7	5.0
GAZELLE II (PST-5HP)	34.7	9.7	3.3	4.0	6.0	4.7	5.3	4.3	4.7	5.0	4.7	4.7
TALLADEGA (RP 3)	57.0	14.3	3.0	3.3	5.3	4.3	5.0	5.0	4.7	5.3	5.7	4.6
FALCON NG (CE 1)	42.3	2.7	3.0	2.7	4.3	4.7	4.3	4.7	4.7	4.3	4.0	4.1
LS 1200 (SC-1)	13.3	9.3	2.3	1.3	3.3	2.3	2.0	2.3	2.3	2.3	2.7	2.3
LSD VALUE	19.3	16.8	2.7	2.0	2.7	2.1	2.0	2.2	2.4	1.9	1.5	1.8
C.V. (%)	16.3	60.3	24.6	20.3	18.5	17.0	15.1	15.9	17.6	14.9	13.2	15.0

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

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

TABLE 11.

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SPRING 2009								WEAR TOLERANCE		BROWN PATCH RATINGS		
	APR 27 PRE-WEAR	APR 29 8 PASSES	APR 30 16 PASSES	APR 30 24 PASSES	MAY 6 6 DAW*/	MAY 15 15 DAW	MAY 27 27 DAW	JUN 25 56 DAW	APR 30 0 DAW	MAY 15 15 DAW	JUN	JUL	AUG
LS 1200 (SC-1)	73.3	66.7	65.0	63.3	68.3	68.3	65.0	76.7	7.3	8.0	9.0	6.3	7.0
FALCON V (ATM)	76.7	71.7	65.0	65.0	63.3	70.0	73.3	90.0	8.3	8.3	9.0	8.3	6.3
JAMBOREE (IS-TF-128)	66.7	60.0	48.3	45.0	51.7	51.7	58.3	71.7	5.3	6.3	9.0	7.7	5.7
TRAVERSE SRP (RK-1)	78.3	66.7	56.7	56.7	63.3	65.0	65.0	80.0	7.3	8.0	8.7	7.3	7.3
GARRISON (IS-TF-153)	75.0	56.7	51.7	38.3	50.0	43.3	50.0	76.7	5.0	4.7	9.0	7.3	6.3
BULLSEYE	78.3	58.3	55.0	55.0	61.7	61.7	71.7	80.0	7.3	8.0	9.0	8.3	6.0
COCHISE IV (RKCL)	71.7	66.7	61.7	58.3	61.7	61.7	68.3	76.7	7.7	8.0	9.0	7.7	6.3
FAITH (K06-WA)	70.0	60.0	55.0	55.0	53.3	55.0	55.0	76.7	7.0	7.0	9.0	8.0	7.0
GREENBROOKS (TG 50-9460)	78.3	68.3	56.7	55.0	55.0	63.3	68.3	83.3	7.0	8.0	9.0	6.7	5.0
RK 5	78.3	61.7	56.7	51.7	58.3	56.7	68.3	80.0	6.7	7.0	9.0	6.3	6.3
SPYDER LS (Z-2000)	63.3	56.7	45.0	35.0	51.7	53.3	58.3	75.0	5.0	6.0	9.0	6.7	6.7
CANNAVARO (DP 50-9440)	65.0	66.7	60.0	56.7	58.3	58.3	63.3	85.0	7.3	7.3	9.0	6.7	5.7
IS-TF-159	60.0	55.0	41.7	35.0	50.0	50.0	51.7	75.0	5.7	6.3	9.0	8.3	6.7
RHAMBLER SRP (RHAMBLER)	68.3	61.7	46.7	46.7	51.7	48.3	51.7	76.7	6.3	4.7	9.0	5.3	6.0
SHENANDOAH III (SH 3)	81.7	70.0	61.7	61.7	61.7	66.7	66.7	83.3	8.0	7.7	9.0	6.7	6.0
WOLFPACK II (PST-5WMB)	80.0	58.3	51.7	45.0	51.7	50.0	50.0	78.3	4.7	6.0	9.0	7.3	6.7
CATELYST (NA-BT-1)	78.3	66.7	56.7	55.0	58.3	58.3	68.3	81.7	6.3	6.7	9.0	8.7	6.0
ESSENTIAL (IS-TF-154)	71.7	70.0	56.7	58.3	63.3	66.7	71.7	78.3	7.7	8.0	9.0	8.3	4.7
FIRECRACKER LS (MVS-MST)	70.0	60.0	56.7	58.3	55.0	60.0	65.0	80.0	7.3	7.0	9.0	8.0	5.7
HEMI	78.3	66.7	55.0	55.0	58.3	60.0	68.3	83.3	6.0	7.7	9.0	6.3	4.0
MONET (LTP-610 CL)	73.3	61.7	51.7	48.3	55.0	53.3	60.0	81.7	6.3	6.0	9.0	6.7	6.0
RK 4	83.3	70.0	61.7	56.7	58.3	60.0	65.0	78.3	7.0	6.7	9.0	6.7	4.3
ROCKET (IS-TF-147)	70.0	61.7	45.0	38.3	50.0	50.0	56.7	73.3	5.0	6.0	9.0	7.7	5.3
SHENANDOAH ELITE (RK 6)	63.3	60.0	46.7	41.7	48.3	51.7	55.0	83.3	6.0	6.3	9.0	7.0	5.7
TURBO	75.0	63.3	55.0	53.3	51.7	53.3	61.7	81.7	7.0	7.0	9.0	6.3	5.3
VAN GOGH (LTP-RK2)	71.7	63.3	55.0	51.7	55.0	51.7	55.0	73.3	6.7	6.0	9.0	6.7	6.7
FINELAWN XPRESS (RP 2)	71.7	56.7	48.3	41.7	46.7	46.7	58.3	81.7	4.7	5.3	9.0	6.7	6.0
MUSTANG 4 (M4)	80.0	63.3	50.0	50.0	51.7	53.3	60.0	81.7	5.3	7.0	9.0	8.0	8.3
SEWINDER (IS-TF-138)	53.3	45.0	35.0	28.3	40.0	43.3	41.7	71.7	3.3	5.3	9.0	7.7	4.0
SPEEDWAY (STR-8BPD)	65.0	60.0	48.3	50.0	53.3	48.3	56.7	76.7	6.0	5.3	9.0	7.7	7.0
BRAVEHEART (DP 50-9407)	65.0	53.3	43.3	30.0	43.3	38.3	36.7	61.7	4.3	4.0	9.0	7.3	7.0
ESCALADE	71.7	58.3	46.7	41.7	48.3	50.0	55.0	70.0	5.0	5.7	8.3	6.3	7.0
FALCON NG (CE 1)	80.0	68.3	56.7	56.7	61.7	65.0	63.3	81.7	7.0	8.7	8.7	6.7	6.7
FIRENZA	73.3	56.7	45.0	48.3	55.0	55.0	66.7	81.7	5.7	6.3	9.0	7.0	7.0
MVS-1107	78.3	58.3	48.3	38.3	51.7	53.3	56.7	75.0	5.3	5.7	9.0	6.7	6.0
PEDIGREE (ATF-1199)	68.3	60.0	46.7	45.0	48.3	56.7	63.3	76.7	5.7	6.7	9.0	7.3	6.7
PSG-85QR	75.0	60.0	51.7	48.3	50.0	55.0	65.0	80.0	6.3	7.0	9.0	7.3	4.0
RAPTOR II (MVS-TF-158)	61.7	53.3	50.0	45.0	53.3	46.7	48.3	68.3	6.0	5.7	9.0	5.7	4.0
TRIO (IS-TF-152)	63.3	53.3	45.0	31.7	45.0	43.3	46.7	71.7	4.3	4.7	9.0	5.7	4.7
CEZANNE RZ (LTP-CRL)	73.3	60.0	41.7	36.7	41.7	40.0	55.0	66.7	4.7	4.7	9.0	7.0	5.0
HONKY TONK (RAD-TF17)	75.0	53.3	48.3	46.7	48.3	51.7	65.0	73.3	5.7	5.3	9.0	7.7	5.7
JT-45	65.0	48.3	43.3	36.7	43.3	50.0	51.7	68.3	4.0	5.7	8.3	6.7	6.3
JUSTICE	66.7	51.7	43.3	36.7	45.0	45.0	51.7	70.0	4.0	5.0	9.0	6.7	6.7
PSG-82BR	71.7	58.3	51.7	40.0	55.0	53.3	58.3	75.0	5.3	6.3	9.0	5.3	5.0
REBEL IV	75.0	60.0	50.0	43.3	53.3	55.0	55.0	71.7	5.0	5.7	9.0	6.7	6.3

TABLE 11.
(CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SPRING 2009									WEAR TOLERANCE		BROWN PATCH RATINGS		
	APR 27 PRE-WEAR	APR 29 8 PASSES	APR 30 16 PASSES	APR 30 24 PASSES	MAY 6 6 DAW*/	MAY 15 15 DAW	MAY 27 27 DAW	JUN 25 56 DAW	APR 30 0 DAW	MAY 15 15 DAW	JUN	JUL	AUG	
SR 8650 (STR-8LMM)	71.7	56.7	46.7	35.0	48.3	45.0	53.3	65.0	4.0	5.0	9.0	8.3	7.3	
BGR-TF1	68.3	53.3	40.0	35.0	50.0	46.7	48.3	71.7	4.3	6.0	9.0	7.0	6.3	
CORONA (COL-M)	70.0	50.0	38.3	31.7	41.7	40.0	50.0	66.7	3.0	4.7	9.0	6.7	7.3	
FALCON IV	71.7	53.3	43.3	36.7	43.3	43.3	48.3	66.7	4.3	5.3	8.7	7.0	6.0	
GE-1	66.7	50.0	45.0	35.0	46.7	46.7	51.7	68.3	4.7	5.0	9.0	7.0	6.3	
J-140	70.0	58.3	51.7	43.3	48.3	55.0	55.0	73.3	5.3	6.0	9.0	5.3	5.7	
STR-8BB5	73.3	58.3	43.3	33.3	41.7	48.3	53.3	71.7	4.3	5.0	9.0	7.0	7.0	
STR-8GRQR	63.3	48.3	38.3	28.3	38.3	33.3	45.0	66.7	3.3	3.7	9.0	6.0	5.3	
TALLADEGA (RP 3)	65.0	55.0	45.0	43.3	50.0	50.0	56.7	81.7	5.3	6.0	9.0	7.3	4.0	
TITANIUM LS (MVS-BB-1)	80.0	63.3	53.3	50.0	56.7	48.3	58.3	73.3	5.3	5.7	9.0	7.3	5.7	
TOCCOA (IS-TF-151)	43.3	38.3	31.7	26.7	40.0	40.0	43.3	71.7	5.0	4.7	9.0	5.7	4.7	
TULSA TIME (TULSA III)	68.3	51.7	41.7	30.0	43.3	41.7	51.7	71.7	3.3	4.7	9.0	7.0	6.3	
TURBO RZ (BURL-TF8)	71.7	53.3	45.0	41.7	48.3	50.0	55.0	68.3	5.3	5.3	9.0	5.7	4.0	
BILTMORE	68.3	55.0	38.3	31.7	41.7	45.0	46.7	66.7	4.0	5.0	9.0	6.3	5.0	
COL-1	63.3	56.7	46.7	38.3	43.3	38.3	46.7	61.7	4.3	4.3	8.7	7.0	6.0	
GAZELLE II (PST-5HP)	65.0	51.7	41.7	41.7	50.0	43.3	51.7	76.7	4.3	6.0	8.7	7.7	5.0	
SKYLINE	66.7	51.7	41.7	33.3	46.7	50.0	55.0	68.3	4.3	5.7	9.0	5.3	5.0	
UMBRELLA (DP 50-9411)	55.0	43.3	31.7	20.0	33.3	31.7	33.3	58.3	2.3	2.7	9.0	6.0	5.3	
06-DUST	68.3	51.7	40.0	31.7	40.0	35.0	40.0	66.7	3.7	4.0	9.0	6.7	5.7	
3RD MILLENNIUM SRP	73.3	55.0	46.7	45.0	50.0	51.7	58.3	76.7	5.0	5.7	9.0	8.0	6.3	
AST9001 (AST-3)	70.0	45.0	38.3	23.3	36.7	36.7	41.7	63.3	2.3	3.0	9.0	5.3	5.0	
FAT CAT (IS-TF-161)	60.0	43.3	40.0	30.0	41.7	45.0	48.3	73.3	4.3	5.0	9.0	6.0	5.0	
JT-42	71.7	53.3	46.7	38.3	43.3	50.0	53.3	70.0	4.0	6.3	8.3	6.3	3.7	
PADRE	73.3	55.0	40.0	31.7	43.3	43.3	51.7	68.3	3.3	4.7	8.7	5.0	6.3	
REMBRANDT	63.3	46.7	40.0	26.7	33.3	40.0	46.7	65.0	2.7	4.7	9.0	7.3	5.0	
REUNION (LS-03)	71.7	51.7	36.7	31.7	38.3	38.3	53.3	68.3	2.7	4.0	8.3	6.3	7.3	
STETSON II (NA-SS)	63.3	48.3	38.3	25.0	35.0	38.3	41.7	65.0	2.7	4.0	8.7	4.7	4.3	
TERRIER (IS-TF-135)	50.0	43.3	33.3	23.3	33.3	36.7	41.7	68.3	3.3	3.3	9.0	5.0	2.3	
CROSSFIRE 3 (COL-J)	66.7	46.7	35.0	25.0	35.0	36.7	43.3	56.7	2.7	3.7	8.7	7.3	7.0	
J-130	65.0	50.0	41.7	26.7	45.0	43.3	53.3	66.7	3.3	5.0	8.7	6.0	5.7	
JT-41	66.7	50.0	38.3	31.7	43.3	38.3	53.3	65.0	3.3	4.0	8.7	6.3	7.0	
0312	51.7	41.7	33.3	30.0	33.3	38.3	46.7	66.7	2.7	3.7	8.3	3.3	3.0	
AST9002 (AST-2)	68.3	48.3	36.7	30.0	35.0	36.7	43.3	63.3	3.0	3.3	8.3	5.3	3.0	
AST9003 (AST-1)	58.3	41.7	33.3	25.0	30.0	36.7	41.7	60.0	1.7	3.3	8.7	6.3	5.3	
BGR-TF2	60.0	48.3	35.0	28.3	40.0	35.0	41.7	63.3	2.7	3.7	8.7	7.3	6.0	
DARLINGTON (CS-TF1)	56.7	48.3	35.0	25.0	38.3	36.7	36.7	60.0	3.0	4.0	8.7	5.3	4.3	
GO-1BFD	71.7	53.3	38.3	33.3	40.0	41.7	41.7	63.3	3.3	4.3	9.0	7.3	7.3	
HUDSON (DKS)	61.7	46.7	33.3	21.7	31.7	31.7	33.3	66.7	2.0	2.7	8.3	8.0	6.0	
PSG-TTRH	65.0	51.7	35.0	28.3	40.0	38.3	45.0	65.0	3.3	3.7	8.7	5.3	5.0	
AST7003	68.3	48.3	35.0	28.3	40.0	38.3	38.3	68.3	3.0	4.0	9.0	5.3	5.3	
ATF 1328	56.7	38.3	28.3	20.0	31.7	31.7	40.0	66.7	2.0	2.7	8.7	7.0	4.7	
BAR FA 6253	73.3	53.3	45.0	38.3	53.3	51.7	58.3	76.7	5.3	6.0	9.0	6.3	3.3	
GWTF	58.3	51.7	36.7	30.0	35.0	35.0	45.0	68.3	3.3	4.0	8.7	5.0	5.3	
HUNTER	60.0	46.7	35.0	28.3	36.7	36.7	48.3	65.0	2.0	4.3	9.0	7.0	6.7	
JT-33	55.0	50.0	38.3	28.3	45.0	50.0	51.7	73.3	3.0	5.3	9.0	7.3	4.3	

TABLE 11.
(CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA

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

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SPRING 2009									WEAR TOLERANCE		BROWN PATCH RATINGS		
	APR 27 PRE-WEAR	APR 29 8 PASSES	APR 30 16 PASSES	APR 30 24 PASSES	MAY 6 6 DAW*/	MAY 15 15 DAW	MAY 27 27 DAW	JUN 25 56 DAW	APR 30 0 DAW	MAY 15 15 DAW	JUN	JUL	AUG	
KZ-1	66.7	48.3	36.7	30.0	36.7	36.7	40.0	61.7	3.0	3.7	8.7	5.3	4.7	
KZ-2	50.0	43.3	33.3	23.3	33.3	33.3	40.0	63.3	2.3	3.7	9.0	5.0	4.7	
MAGELLAN	71.7	55.0	46.7	35.0	48.3	50.0	53.3	60.0	4.0	6.3	9.0	6.7	3.0	
MVS-341	66.7	55.0	40.0	26.7	38.3	45.0	43.3	66.7	3.7	5.7	9.0	6.0	4.0	
NINJA 3 (ATF 1247)	66.7	58.3	38.3	33.3	45.0	43.3	53.3	66.7	4.0	5.3	8.3	6.3	6.0	
PLATO	63.3	48.3	36.7	26.7	33.3	36.7	50.0	58.3	2.7	3.3	7.7	4.7	6.3	
PSG-TTST	65.0	48.3	35.0	23.3	35.0	38.3	45.0	56.7	3.0	3.7	8.3	6.7	7.7	
RNP	73.3	46.7	36.7	30.0	35.0	38.3	45.0	65.0	3.0	4.0	8.3	5.7	6.7	
AST1001 (AST-4)	70.0	53.3	36.7	30.0	38.3	45.0	45.0	68.3	3.3	5.7	8.3	5.7	4.3	
COMPETE (LS-06)	61.7	46.7	35.0	23.3	35.0	38.3	38.3	66.7	3.0	3.7	9.0	6.7	6.0	
EINSTEIN	68.3	50.0	35.0	30.0	33.3	36.7	46.7	61.7	3.3	4.0	8.7	4.7	4.3	
LINDBERGH	65.0	48.3	35.0	26.7	33.3	36.7	41.7	56.7	2.7	4.0	8.7	3.3	5.0	
PSG-RNDR	53.3	41.7	30.0	25.0	35.0	35.0	48.3	61.7	2.0	4.0	8.3	5.0	6.0	
RENOVATE (LS-11)	58.3	50.0	36.7	21.7	33.3	36.7	40.0	58.3	2.0	3.0	9.0	5.0	5.0	
TAHOE II	70.0	50.0	35.0	25.0	36.7	35.0	41.7	63.3	2.7	3.3	9.0	3.7	3.0	
06-WALK	61.7	45.0	36.7	25.0	40.0	40.0	43.3	63.3	3.0	4.7	8.3	6.0	4.0	
BAR FA 6363	68.3	46.7	36.7	26.7	36.7	38.3	36.7	51.7	2.7	3.0	9.0	7.3	4.7	
JT-36	58.3	48.3	36.7	26.7	40.0	41.7	48.3	71.7	3.3	4.7	8.7	3.7	3.7	
SILVERADO	70.0	50.0	36.7	28.3	35.0	35.0	40.0	58.3	2.0	3.7	9.0	5.7	4.3	
AST 7002	66.7	51.7	43.3	31.7	41.7	36.7	40.0	61.7	3.3	4.3	9.0	3.3	4.0	
ARISTOTLE	61.7	38.3	21.7	18.3	26.7	31.7	40.0	48.3	1.7	2.7	8.7	2.3	3.7	
AST 7001	56.7	40.0	31.7	20.0	31.7	31.7	36.7	61.7	1.7	3.3	9.0	3.7	4.7	
KY-31	55.0	23.3	11.7	5.0	13.3	20.0	23.3	41.7	1.0	1.3	9.0	7.0	7.0	
LSD VALUE	15.3	14.4	11.5	12.2	11.4	12.9	14.1	11.0	1.7	2.0	0.8	3.9	3.5	
C.V. (%)	12.3	15.3	16.8	21.6	16.2	17.5	16.7	9.8	25.9	24.4	3.9	26.1	28.8	

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.

*/ DAW - DAYS AFTER WEAR (TRAFFIC).

TABLE 11. PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN FALL					WEAR TOLERANCE	
	OCT 13 PRE-WEAR	OCT 14 12 PASSES	OCT 16 24 PASSES	OCT 20 4 DAW*/	OCT 29 13 DAW	OCT 16 0 DAW	OCT 29 13 DAW
LS 1200 (SC-1)	88.0	94.7	70.0	75.0	60.0	8.7	8.3
FALCON V (ATM)	93.0	90.0	61.7	66.7	55.0	6.7	7.3
JAMBOREE (IS-TF-128)	94.7	90.0	63.3	66.7	56.7	7.7	7.3
TRAVERSE SRP (RK-1)	91.7	86.7	56.7	61.7	53.3	7.3	7.3
GARRISON (IS-TF-153)	93.3	86.7	58.3	60.0	51.7	7.0	7.0
BULLSEYE	96.3	88.3	63.3	63.3	51.7	7.7	7.0
COCHISE IV (RKCL)	94.7	91.7	51.7	56.7	53.3	6.3	6.3
FAITH (K06-WA)	91.7	85.0	63.3	63.3	46.7	7.0	6.3
GREENBROOKS (TG 50-9460)	86.7	81.7	51.7	51.7	46.7	6.7	6.3
RK 5	94.7	88.3	61.7	63.3	50.0	7.3	6.3
SPYDER LS (Z-2000)	93.3	86.7	60.0	60.0	51.7	7.3	6.3
CANNAVARO (DP 50-9440)	91.3	88.3	56.7	60.0	50.0	7.7	6.0
IS-TF-159	90.0	86.7	53.3	55.0	43.3	6.7	6.0
RHAMBLER SRP (RHAMBLER)	90.0	88.3	56.7	58.3	43.3	6.0	6.0
SHENANDOAH III (SH 3)	91.7	81.7	60.0	58.3	43.3	6.7	6.0
WOLFPACK II (PST-5WMB)	90.0	86.7	51.7	55.0	46.7	6.3	6.0
CATELYST (NA-BT-1)	96.0	90.0	51.7	56.7	45.0	6.0	5.7
ESSENTIAL (IS-TF-154)	95.0	90.0	51.7	55.0	46.7	6.0	5.7
FIRECRACKER LS (MVS-MST)	97.7	95.0	56.7	58.3	48.3	6.3	5.7
HEMI	93.3	85.0	48.3	48.3	36.7	6.0	5.7
MONET (LTP-610 CL)	90.0	85.0	55.0	56.7	45.0	6.3	5.7
RK 4	93.3	90.0	53.3	56.7	45.0	6.7	5.7
ROCKET (IS-TF-147)	91.7	86.7	51.7	56.7	46.7	6.3	5.7
SHENANDOAH ELITE (RK 6)	90.0	83.3	53.3	51.7	40.0	5.3	5.7
TURBO	95.0	86.7	55.0	56.7	48.3	6.3	5.7
VAN GOGH (LTP-RK2)	88.3	85.0	58.3	58.3	43.3	6.3	5.7
FINELAWN XPRESS (RP 2)	90.0	80.0	46.7	46.7	41.7	5.3	5.3
MUSTANG 4 (M4)	93.0	85.0	51.7	51.7	40.0	6.3	5.3
SIDEWINDER (IS-TF-138)	90.0	80.0	45.0	46.7	36.7	5.7	5.3
SPEEDWAY (STR-8BPDx)	91.3	85.0	45.0	45.0	43.3	5.0	5.3
BRAVEHEART (DP 50-9407)	85.0	78.3	41.7	43.3	31.7	5.7	5.0
ESCALADE	83.3	76.7	38.3	43.3	35.0	4.3	5.0
FALCON NG (CE 1)	88.3	80.0	45.0	48.3	41.7	5.0	5.0
FIRENZA	96.3	85.0	45.0	53.3	38.3	5.0	5.0
MVS-1107	88.3	73.3	40.0	41.7	33.3	4.3	5.0
PEDIGREE (ATF-1199)	86.7	80.0	38.3	40.0	36.7	5.0	5.0
PSG-85QR	88.3	78.3	36.7	41.7	30.0	5.0	5.0
RAPTOR II (MVS-TF-158)	93.3	80.0	50.0	46.7	30.0	5.7	5.0
TRIO (IS-TF-152)	88.3	73.3	35.0	40.0	33.3	4.7	5.0
CEZANNE RZ (LTP-CRL)	86.7	76.7	41.7	41.7	35.0	4.7	4.7
HONKY TONK (RAD-TF17)	78.3	71.7	40.0	41.7	31.7	4.3	4.7
JT-45	85.0	71.7	35.0	40.0	33.3	5.0	4.7
JUSTICE	83.3	78.3	45.0	50.0	40.0	5.7	4.7
PSG-82BR	90.0	78.3	45.0	48.3	40.0	5.0	4.7
REBEL IV	83.3	76.7	36.7	41.7	38.3	5.0	4.7

TABLE 11. PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN FALL					WEAR TOLERANCE	
	OCT 13 PRE-WEAR	OCT 14 12 PASSES	OCT 16 24 PASSES	OCT 20 4 DAW*/	OCT 29 13 DAW	OCT 16 0 DAW	OCT 29 13 DAW
SR 8650 (STR-8LMM)	86.7	80.0	38.3	41.7	35.0	5.3	4.7
BGR-TF1	83.3	73.3	36.7	38.3	31.7	4.7	4.3
CORONA (COL-M)	83.3	68.3	36.7	41.7	30.0	4.3	4.3
FALCON IV	88.3	75.0	35.0	36.7	25.0	4.7	4.3
GE-1	86.7	75.0	38.3	40.0	33.3	4.7	4.3
J-140	91.7	76.7	45.0	46.7	33.3	5.7	4.3
STR-8BB5	90.0	81.7	43.3	45.0	33.3	5.0	4.3
STR-8GRQR	75.0	63.3	28.3	33.3	26.7	4.0	4.3
TALLADEGA (RP 3)	91.3	81.7	38.3	43.3	33.3	4.7	4.3
TITANIUM LS (MVS-BB-1)	90.0	78.3	46.7	46.7	31.7	5.3	4.3
TOCCOA (IS-TF-151)	90.0	78.3	38.3	40.0	26.7	5.0	4.3
TULSA TIME (TULSA III)	80.0	76.7	35.0	36.7	30.0	4.0	4.3
TURBO RZ (BURL-TF8)	81.7	71.7	33.3	38.3	28.3	4.3	4.3
BILTMORE	76.7	63.3	28.3	33.3	25.0	3.7	4.0
COL-1	80.0	75.0	35.0	35.0	31.7	4.0	4.0
GAZELLE II (PST-5HP)	88.3	85.0	40.0	41.7	35.0	5.0	4.0
SKYLINE	85.0	75.0	30.0	33.3	23.3	3.7	4.0
UMBRELLA (DP 50-9411)	90.0	75.0	41.7	41.7	30.0	5.0	4.0
06-DUST	76.7	65.0	30.0	31.7	25.0	3.0	3.7
3RD MILLENNIUM SRP	90.0	81.7	36.7	38.3	30.0	4.7	3.7
AST9001 (AST-3)	85.0	65.0	28.3	30.0	21.7	3.7	3.7
FAT CAT (IS-TF-161)	81.7	71.7	33.3	35.0	25.0	4.0	3.7
JT-42	85.0	70.0	26.7	33.3	28.3	3.7	3.7
PADRE	78.3	53.3	30.0	31.7	26.7	4.0	3.7
REMBRANDT	78.3	61.7	26.7	28.3	25.0	3.3	3.7
REUNION (LS-03)	81.7	66.7	33.3	36.7	25.0	3.7	3.7
STETSON II (NA-SS)	68.3	58.3	25.0	28.3	23.3	3.0	3.7
TERRIER (IS-TF-135)	91.7	75.0	31.7	36.7	21.7	4.0	3.7
CROSSFIRE 3 (COL-J)	78.3	60.0	28.3	31.7	28.3	3.7	3.3
J-130	81.7	70.0	30.0	35.0	25.0	3.3	3.3
JT-41	88.3	68.3	28.3	33.3	26.7	3.7	3.3
0312	65.0	55.0	25.0	26.7	21.7	2.7	3.0
AST9002 (AST-2)	76.7	60.0	23.3	26.7	20.0	3.0	3.0
AST9003 (AST-1)	88.3	63.3	28.3	30.0	16.7	3.3	3.0
BGR-TF2	81.7	70.0	36.7	36.7	25.0	4.7	3.0
DARLINGTON (CS-TF1)	73.3	56.7	25.0	26.7	21.7	3.3	3.0
GO-1BFD	80.0	70.0	31.7	35.0	26.7	4.7	3.0
HUDSON (DKS)	78.3	68.3	30.0	30.0	21.7	3.0	3.0
PSG-TTRH	75.0	60.0	23.3	28.3	21.7	3.3	3.0
AST7003	78.3	60.0	25.0	30.0	21.7	3.0	2.7
ATF 1328	78.3	53.3	21.7	26.7	18.3	2.0	2.7
BAR FA 6253	78.3	61.7	26.7	28.3	23.3	2.7	2.7
GWTF	81.7	56.7	23.3	28.3	18.3	2.3	2.7
HUNTER	75.0	53.3	26.7	31.7	23.3	3.3	2.7
JT-33	78.3	61.7	23.3	28.3	21.7	3.0	2.7

TABLE 11. PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA

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

NAME	PERCENT FULLNESS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN FALL					WEAR TOLERANCE	
	OCT 13 PRE-WEAR	OCT 14 12 PASSES	OCT 16 24 PASSES	OCT 20 4 DAW*/	OCT 29 13 DAW	OCT 16 0 DAW	OCT 29 13 DAW
KZ-1	78.3	63.3	23.3	26.7	16.7	2.3	2.7
KZ-2	80.0	65.0	26.7	28.3	20.0	3.3	2.7
MAGELLAN	78.3	58.3	23.3	28.3	18.3	2.7	2.7
MVS-341	83.3	61.7	25.0	28.3	16.7	3.3	2.7
NINJA 3 (ATF 1247)	83.3	63.3	23.3	28.3	23.3	3.3	2.7
PLATO	71.7	53.3	21.7	25.0	21.7	2.7	2.7
PSG-TTST	80.0	65.0	20.0	25.0	18.3	3.0	2.7
RNP	78.3	60.0	26.7	30.0	20.0	3.0	2.7
AST1001 (AST-4)	81.7	56.7	20.0	23.3	15.0	2.7	2.3
COMPETE (LS-06)	85.0	68.3	28.3	28.3	16.7	3.3	2.3
EINSTEIN	75.0	53.3	18.3	21.7	18.3	2.0	2.3
LINDBERGH	71.7	55.0	18.3	18.3	18.3	2.0	2.3
PSG-RNDR	70.0	56.7	21.7	25.0	20.0	3.0	2.3
RENOVATE (LS-11)	83.3	66.7	25.0	28.3	20.0	3.0	2.3
TAHOE II	78.3	53.3	18.3	21.7	16.7	2.0	2.3
06-WALK	73.3	58.3	18.3	21.7	13.3	2.0	2.0
BAR FA 6363	68.3	55.0	18.3	21.7	16.7	2.3	2.0
JT-36	81.7	60.0	18.3	25.0	18.3	2.0	2.0
SILVERADO	66.7	50.0	15.0	18.3	15.0	1.7	2.0
AST 7002	78.3	60.0	21.7	26.7	18.3	2.3	1.7
ARISTOTLE	61.7	41.7	13.3	16.7	15.0	1.7	1.3
AST 7001	78.3	55.0	15.0	18.3	10.0	1.3	1.3
KY-31	51.7	25.0	5.0	5.0	8.3	1.0	1.0
LSD VALUE	8.6	9.9	10.6	9.9	10.6	1.7	1.6
C.V. (%)	6.6	9.3	19.4	16.9	22.6	24.8	24.8

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

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

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	QUALITY RATINGS						MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	
HEMI	71.7	5.7	6.7	6.3	6.0	6.3	6.7	6.3
0312	65.0	6.3	6.0	6.0	5.7	6.0	7.0	6.2
RNP	70.0	5.7	6.3	6.0	5.7	6.7	7.0	6.2
SPYDER LS (Z-2000)	91.7	6.0	6.0	5.3	5.3	6.3	6.3	5.9
J-130	73.3	5.3	6.3	5.7	5.7	6.0	6.0	5.8
JUSTICE	85.0	5.0	5.0	6.3	5.7	6.7	6.3	5.8
KZ-1	78.3	5.0	6.7	6.0	5.7	5.7	6.0	5.8
TITANIUM LS (MVS-BB-1)	66.7	5.3	5.7	5.7	5.3	6.3	6.7	5.8
TRAVERSE SRP (RK-1)	73.3	5.0	5.7	6.0	5.3	6.0	6.7	5.8
COMPETE (LS-06)	81.7	5.3	6.0	5.7	5.0	6.0	6.0	5.7
PSG-82BR	91.3	5.0	5.7	5.7	5.3	6.0	6.3	5.7
PSG-85QR	80.0	5.0	6.0	5.7	5.3	5.7	6.7	5.7
RHAMBLER SRP (RHAMBLER)	63.3	4.7	5.7	6.3	5.7	5.7	6.3	5.7
TAHOE II	85.0	5.0	5.7	5.7	5.3	6.0	6.7	5.7
COCHISE IV (RKCL)	61.7	4.7	6.0	5.3	5.3	5.7	6.3	5.6
FIRECRACKER LS (MVS-MST)	86.3	5.3	6.3	5.0	5.0	5.7	6.0	5.6
MUSTANG 4 (M4)	71.7	5.3	5.3	5.7	5.0	6.0	6.0	5.6
RENOVATE (LS-11)	66.3	5.0	5.3	5.7	5.3	6.0	6.0	5.6
TURBO	86.7	5.0	5.3	6.0	5.3	5.7	6.3	5.6
AST7003	71.7	4.7	5.3	5.7	5.3	6.0	6.0	5.5
AST1001 (AST-4)	78.3	5.0	5.7	5.7	4.7	5.7	6.3	5.5
AST9001 (AST-3)	76.7	5.0	5.7	5.3	5.0	5.7	6.0	5.4
BGR-TF1	85.0	5.0	5.3	5.0	5.0	6.0	6.0	5.4
FAITH (K06-WA)	86.7	5.3	5.7	5.3	5.0	5.3	6.0	5.4
JT-42	68.3	5.0	5.0	5.7	4.7	5.7	6.3	5.4
MONET (LTP-610 CL)	76.7	4.7	5.3	5.7	5.0	5.7	6.3	5.4
PEDIGREE (ATF-1199)	71.7	4.7	5.7	5.7	4.7	5.7	6.3	5.4
PSG-TTST	81.7	5.0	5.0	5.7	5.0	5.7	6.3	5.4
RAPTOR II (MVS-TF-158)	80.0	5.3	5.0	5.7	5.0	5.7	6.0	5.4
SHENANDOAH ELITE (RK 6)	76.7	5.3	5.3	5.3	5.3	5.3	6.0	5.4
AST9002 (AST-2)	73.3	5.0	5.0	5.3	4.7	6.0	5.7	5.3
BGR-TF2	85.0	5.3	5.3	5.7	4.7	5.7	5.3	5.3
CATELYST (NA-BT-1)	66.7	4.7	5.0	5.7	5.3	5.3	6.0	5.3
CEZANNE RZ (LTP-CRL)	70.0	5.0	5.3	5.3	4.7	5.7	6.0	5.3
CORONA (COL-M)	70.0	5.0	5.7	5.7	4.7	5.3	5.7	5.3
FIRENZA	71.7	4.7	5.3	5.7	4.7	5.7	6.0	5.3
JT-41	78.3	5.3	5.0	5.3	5.0	5.3	6.0	5.3
SHENANDOAH III (SH 3)	85.0	5.7	5.0	5.7	4.7	5.3	5.7	5.3
SIDEWINDER (IS-TF-138)	63.3	4.7	5.3	6.0	5.3	4.7	5.7	5.3
TURBO RZ (BURL-TF8)	78.3	5.0	5.0	5.7	5.0	5.7	5.3	5.3
AST9003 (AST-1)	68.3	4.7	5.3	5.3	4.7	5.3	5.7	5.2
ATF 1328	66.7	4.3	5.0	5.0	5.0	6.0	5.7	5.2
ESSENTIAL (IS-TF-154)	76.7	5.0	4.7	5.7	5.0	5.3	5.7	5.2
FALCON IV	86.7	4.7	5.3	5.3	4.7	5.3	6.0	5.2
FALCON V (ATM)	83.3	5.0	5.3	5.3	5.0	5.0	5.7	5.2

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	QUALITY RATINGS						MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	
GE-1	76.7	5.0	4.3	5.7	5.0	5.3	5.7	5.2
J-140	88.3	5.0	5.3	5.3	4.3	5.3	6.0	5.2
JT-45	78.3	5.7	4.7	5.3	5.3	5.3	5.0	5.2
KZ-2	71.7	5.3	4.7	5.3	4.3	5.3	6.0	5.2
ROCKET (IS-TF-147)	81.3	5.0	5.3	5.7	4.7	5.3	5.0	5.2
WOLFPACK II (PST-5WMB)	71.7	4.7	5.0	5.7	5.0	5.7	5.3	5.2
DARLINGTON (CS-TF1)	76.7	5.0	5.0	5.0	4.7	5.0	5.7	5.1
GAZELLE II (PST-5HP)	73.3	4.7	4.7	5.3	5.0	5.3	5.7	5.1
GWTF	85.0	5.3	5.3	5.0	5.0	5.0	5.0	5.1
HUDSON (DKS)	75.0	4.7	5.3	5.3	4.3	5.3	5.7	5.1
JT-33	80.0	4.7	5.0	5.3	4.7	5.3	5.7	5.1
REUNION (LS-03)	81.7	5.0	5.3	5.3	4.3	5.0	5.3	5.1
SKYLINE	76.7	5.0	4.7	5.7	4.7	5.3	5.3	5.1
TERRIER (IS-TF-135)	70.0	4.7	5.0	5.7	5.0	5.0	5.0	5.1
BRAVEHEART (DP 50-9407)	65.0	4.3	4.7	4.7	4.7	6.0	5.7	5.0
HONKY TONK (RAD-TF17)	85.0	4.7	4.7	5.3	4.3	5.3	5.7	5.0
PADRE	71.7	5.0	4.7	5.3	4.3	5.0	5.7	5.0
PLATO	71.7	4.7	4.7	5.0	4.7	5.3	5.7	5.0
GARRISON (IS-TF-153)	53.3	4.3	4.7	5.3	4.3	5.0	5.7	4.9
ESCALADE	76.7	4.3	4.7	5.3	4.7	5.0	5.3	4.9
FALCON NG (CE 1)	51.7	4.3	4.3	5.3	4.7	5.3	5.3	4.9
PSG-RNDR	56.7	4.3	4.7	5.3	4.7	5.0	5.7	4.9
PSG-TTRH	61.7	4.3	5.0	5.3	4.7	5.0	5.3	4.9
REBEL IV	78.3	4.7	4.7	5.0	4.7	5.3	5.3	4.9
SR 8650 (STR-8LMM)	68.3	4.3	4.0	5.7	5.0	5.0	5.3	4.9
STETSON II (NA-SS)	65.0	4.3	4.7	5.3	4.3	5.0	5.7	4.9
STR-8GRQR	63.3	5.0	4.7	5.0	4.3	5.3	5.3	4.9
TOCCOA (IS-TF-151)	61.7	4.7	4.3	5.3	4.3	5.0	5.7	4.9
TRIO (IS-TF-152)	65.0	4.7	4.7	5.3	4.3	5.3	5.3	4.9
VAN GOGH (LTP-RK2)	66.7	4.3	4.3	5.3	5.0	5.0	5.7	4.9
O6-DUST	73.3	4.3	5.0	5.0	4.3	5.0	5.3	4.8
ARISTOTLE	83.3	5.0	4.7	4.7	4.3	5.0	5.3	4.8
AST 7002	71.7	4.7	4.7	4.7	4.3	5.0	5.3	4.8
BAR FA 6253	51.7	3.7	4.3	5.0	5.0	5.0	5.7	4.8
BILTMORE	73.3	4.7	4.7	5.0	4.7	5.0	5.0	4.8
CANNAVARO (DP 50-9440)	61.7	4.3	5.0	5.3	4.3	4.7	5.0	4.8
COL-1	75.0	4.7	5.0	4.7	4.3	5.0	5.3	4.8
CROSSFIRE 3 (COL-J)	71.7	4.7	4.7	5.0	4.0	5.0	5.3	4.8
FINELAWN XPRESS (RP 2)	70.0	4.7	4.7	5.3	4.7	4.7	5.0	4.8
MVS-1107	71.7	4.7	4.3	5.3	4.7	4.7	5.3	4.8
MVS-341	73.3	4.7	4.7	4.7	4.7	5.0	5.3	4.8
RK 5	75.0	5.0	4.3	5.0	4.7	4.7	5.3	4.8
LS 1200 (SC-1)	61.7	4.0	4.3	5.0	4.7	5.3	5.3	4.8
O6-WALK	71.7	4.7	4.7	4.7	4.3	4.7	5.0	4.7
3RD MILLENNIUM SRP	63.3	3.7	3.7	5.7	4.7	5.3	5.3	4.7

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 1/
2009 DATA

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

NAME	PERCENT COVER SPRING	QUALITY RATINGS							MEAN
		MAY	JUN	JUL	AUG	SEP	OCT		
AST 7001	70.0	4.0	4.7	5.0	4.3	4.3	5.7	4.7	
BULLSEYE	73.3	4.3	4.3	5.3	4.7	5.0	4.7	4.7	
GO-1BFD	81.7	4.3	4.3	4.7	4.3	5.0	5.3	4.7	
LINDBERGH	78.3	4.0	4.3	5.0	4.0	5.0	5.7	4.7	
STR-8BB5	71.7	4.3	4.0	5.3	4.3	5.0	5.0	4.7	
TALLADEGA (RP 3)	71.7	4.7	4.7	5.0	4.0	4.7	5.3	4.7	
IS-TF-159	71.7	4.3	4.3	4.7	4.0	4.7	5.3	4.6	
HUNTER	67.5	4.5	4.5	4.5	3.5	5.0	5.0	4.5	
JAMBOREE (IS-TF-128)	60.0	3.7	3.7	4.7	4.3	5.0	5.0	4.4	
JT-36	70.0	4.3	4.3	5.0	4.0	4.3	4.7	4.4	
EINSTEIN	75.0	4.3	4.3	4.3	4.0	4.3	4.7	4.3	
REMBRANDT	75.0	4.3	4.3	4.7	4.0	4.0	4.3	4.3	
RK 4	73.3	4.0	4.0	4.7	3.7	4.3	5.0	4.3	
TULSA TIME (TULSA III)	46.7	3.7	4.0	4.7	4.0	4.7	5.0	4.3	
NINJA 3 (ATF 1247)	73.3	3.7	4.0	4.7	3.7	4.3	5.0	4.2	
SPEEDWAY (STR-8BPDX)	50.0	3.0	3.7	4.7	4.0	4.7	5.0	4.2	
UMBRELLA (DP 50-9411)	56.7	4.0	4.3	4.0	3.7	4.7	4.7	4.2	
GREENBROOKS (TG 50-9460)	60.0	4.0	3.7	5.5	5.0	5.0	6.0	4.1	
MAGELLAN	60.0	3.7	3.7	4.0	3.3	4.7	5.0	4.1	
SILVERADO	76.7	3.7	4.0	4.7	3.7	4.3	4.3	4.1	
BAR FA 6363	56.7	3.3	4.0	4.0	4.0	4.3	4.3	4.0	
FAT CAT (IS-TF-161)	46.7	3.3	4.0	4.3	3.7	4.0	4.0	3.9	
KY-31	78.3	3.3	3.0	3.0	2.7	3.0	4.0	3.2	
LSD VALUE	57.1	3.4	2.2	2.6	2.2	1.9	2.5	2.0	
C.V. (%)	21.1	19.8	19.0	15.3	17.4	15.1	15.7	14.8	

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT	PERCENT	FALL	FALL	FALL	QUALITY RATINGS							MEAN		
		COVER SUMMER	COVER FALL	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	MAR	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV
FALCON V (ATM)	7.3	97.7	99.0	7.3	7.3	7.3	7.7	7.0	8.0	7.7	7.7	7.7	8.3	8.0	7.7	7.7
SR 8650 (STR-8LMM)	8.0	96.3	99.0	8.0	7.3	8.0	7.0	7.3	7.7	7.7	8.0	8.0	8.3	8.0	7.7	7.7
TOCCOA (IS-TF-151)	8.0	98.7	98.7	7.3	7.3	7.7	6.7	7.3	7.7	7.3	8.3	8.0	8.0	7.7	8.0	7.7
TRAVERSE SRP (RK-1)	8.0	97.0	98.7	8.0	7.7	7.7	7.0	7.3	7.7	7.0	8.0	8.0	8.7	8.0	7.3	7.7
AST 7002	8.0	97.3	98.3	7.7	7.7	7.3	6.0	7.3	7.7	7.0	8.3	8.0	8.3	8.0	7.3	7.6
AST1001 (AST-4)	8.3	94.7	99.0	7.7	7.3	7.7	6.0	7.0	8.0	7.7	7.3	8.3	8.3	8.0	7.3	7.6
BAR FA 6253	8.0	97.3	98.7	8.0	8.0	7.3	6.3	7.3	7.7	7.3	8.3	8.0	8.0	8.0	7.3	7.6
ESSENTIAL (IS-TF-154)	7.7	98.0	99.0	8.0	7.7	7.7	6.3	6.7	7.3	7.7	8.0	8.0	8.3	8.3	8.0	7.6
FINELAWN XPRESS (RP 2)	7.7	97.0	99.0	7.0	7.0	7.0	7.7	7.7	7.7	6.0	8.0	8.0	8.0	7.7	7.3	7.6
FIRENZA	7.7	96.0	99.0	7.3	7.7	7.3	7.3	7.7	8.0	7.3	7.7	7.7	7.7	8.0	7.3	7.6
J-130	8.0	96.0	99.0	8.0	7.7	7.3	7.3	7.3	7.7	7.0	7.3	8.0	8.3	8.3	7.0	7.6
LINDBERGH	8.0	96.7	98.7	7.3	7.3	7.7	7.0	7.7	7.3	7.0	7.7	8.3	8.0	8.0	7.0	7.6
LS 1200 (SC-1)	7.7	95.3	99.0	7.7	7.7	8.0	6.0	7.3	7.7	7.0	7.7	8.0	8.7	8.3	7.7	7.6
SHENANDOAH ELITE (RK 6)	7.3	97.3	99.0	7.0	6.3	7.3	7.0	8.0	8.0	7.3	7.7	8.0	7.3	7.0	7.7	7.6
TALLADEGA (RP 3)	8.0	97.0	99.0	8.0	7.7	8.0	6.3	7.0	7.7	7.7	7.7	8.0	8.3	8.0	7.7	7.6
AST9002 (AST-2)	7.7	96.3	98.7	7.0	7.3	7.0	7.0	8.3	8.0	6.7	7.0	7.3	7.7	8.0	7.3	7.5
COMPETE (LS-06)	7.3	95.7	99.0	7.0	7.7	8.0	6.3	7.7	7.3	7.3	7.3	8.0	8.0	8.0	7.7	7.5
FALCON NG (CE 1)	7.7	96.0	99.0	7.7	7.3	7.0	7.3	7.3	7.0	7.0	7.0	8.0	8.0	8.3	7.3	7.5
REUNION (LS-03)	7.7	96.0	99.0	7.7	7.3	7.3	6.3	7.3	8.0	7.0	8.0	8.0	8.0	8.0	7.0	7.5
RHAMBLER SRP (RHAMBLER)	8.0	96.7	99.0	7.3	7.3	7.3	7.3	7.3	7.0	6.7	7.7	8.0	8.0	8.0	7.3	7.5
RNP	8.0	95.7	98.3	8.0	8.3	8.0	6.3	7.0	7.3	7.3	8.0	7.7	8.0	8.3	7.7	7.5
SIDEWINDER (IS-TF-138)	8.0	95.7	99.0	7.3	7.3	7.0	7.3	6.7	7.7	7.3	7.3	8.0	8.0	8.0	7.3	7.5
SPYDER LS (Z-2000)	7.7	95.7	99.0	7.3	7.3	7.7	6.3	7.3	8.0	7.0	7.7	8.0	8.0	8.0	7.3	7.5
TAHOE II	7.7	90.0	98.7	7.3	7.7	7.7	6.0	7.3	8.0	7.7	7.3	7.3	8.0	8.3	7.3	7.5
AST7003	8.0	95.7	99.0	7.7	7.7	7.7	6.0	8.0	7.7	6.3	7.0	7.7	8.3	8.0	7.3	7.4
AST9001 (AST-3)	7.7	94.0	99.0	7.0	6.7	7.3	6.7	7.7	7.7	7.0	7.0	7.7	8.0	7.3	7.3	7.4
ATF 1328	7.7	96.0	98.0	7.3	7.0	7.3	6.3	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.3	7.4
BULLSEYE	7.7	97.0	97.7	7.3	7.0	7.3	6.0	7.0	7.3	7.7	8.0	8.0	8.0	7.3	7.3	7.4
FALCON IV	7.3	97.3	98.7	7.0	7.3	7.7	7.0	7.0	7.3	7.3	7.7	7.7	7.3	8.0	7.7	7.4
FAT CAT (IS-TF-161)	7.3	98.0	99.0	7.0	7.0	7.3	6.3	7.0	8.0	7.0	7.7	7.3	8.0	8.0	7.0	7.4
FIRECRACKER LS (MVS-MST)	7.3	98.0	99.0	7.0	6.7	7.3	7.3	7.3	7.0	6.7	7.3	7.7	8.0	7.7	7.7	7.4
IS-TF-159	7.7	96.0	99.0	7.7	7.3	8.0	6.3	7.3	7.3	7.0	7.7	7.3	8.3	8.0	7.3	7.4
MUSTANG 4 (M4)	7.7	94.7	99.0	7.0	6.7	7.3	7.3	7.3	7.3	7.0	7.3	7.7	8.0	7.3	7.0	7.4
PADRE	7.7	91.7	99.0	7.7	7.7	7.7	7.0	7.7	7.3	7.3	7.0	7.0	8.0	8.0	7.3	7.4
RAPTOR II (MVS-TF-158)	7.7	96.7	98.7	6.7	6.3	7.3	6.3	7.7	7.7	7.0	7.7	8.0	7.3	7.3	7.3	7.4
STR-8BB5	7.3	96.7	99.0	7.3	7.0	7.0	6.7	7.0	8.0	7.3	7.7	6.7	8.0	8.0	7.3	7.4
STR-8GRQR	7.7	97.0	98.3	7.7	7.3	7.3	7.0	7.7	7.7	7.0	7.3	7.7	8.0	7.7	7.0	7.4
TITANIUM LS (MVS-BB-1)	7.7	97.7	99.0	7.3	7.0	7.0	7.0	6.7	7.7	7.3	7.7	7.3	8.0	7.7	7.0	7.4
TULSA TIME (TULSA III)	8.0	96.7	98.0	8.0	7.7	7.0	6.7	7.3	7.7	6.7	7.3	8.0	8.3	7.7	7.0	7.4
WOLFPACK II (PST-5WMB)	7.7	95.0	98.7	7.3	7.3	7.7	6.3	7.0	7.3	7.0	7.3	7.7	8.3	8.3	7.7	7.4
3RD MILLENNIUM SRP	7.7	98.0	98.7	7.7	7.0	7.7	6.0	7.7	7.0	7.3	8.0	6.7	8.0	7.3	7.7	7.3
BAR FA 6363	7.0	95.3	99.0	7.0	6.7	6.7	7.3	7.0	7.0	7.0	7.3	7.0	7.7	8.0	7.0	7.3
BGR-TF2	7.7	94.7	98.0	7.7	7.3	7.3	6.0	7.0	7.7	7.0	7.7	7.7	8.0	7.7	7.3	7.3
COL-1	7.3	93.0	98.7	7.3	6.7	7.3	6.7	7.3	7.7	6.7	7.3	7.3	8.0	7.3	7.3	7.3
CORONA (COL-M)	7.7	90.7	98.0	7.7	6.7	8.0	6.7	6.7	7.7	7.7	6.7	8.0	8.0	6.7	7.7	7.3

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT	PERCENT	FALL	FALL	FALL	QUALITY RATINGS							MEAN		
		COVER SUMMER	COVER FALL	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	MAR	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV
GO-1BFD	7.7	96.0	99.0	7.0	6.7	7.0	7.0	7.3	7.3	7.0	7.0	8.0	7.7	7.3	7.0	7.3
HEMI	8.0	95.3	98.7	7.0	6.7	7.0	7.0	7.0	7.7	7.7	7.3	7.3	7.3	7.3	7.0	7.3
HONKY TONK (RAD-TF17)	7.3	96.7	99.0	6.7	6.7	7.3	6.7	7.7	7.7	7.0	7.3	7.3	7.7	7.7	7.0	7.3
J-140	7.7	96.0	96.7	7.3	6.7	7.0	7.3	7.3	7.3	7.0	7.7	7.3	8.0	7.0	7.0	7.3
JT-45	7.7	96.7	98.3	7.3	7.7	7.7	5.7	7.0	7.0	7.3	7.7	7.7	7.7	8.0	7.3	7.3
JUSTICE	7.7	86.3	97.3	7.0	7.0	8.0	6.7	7.3	7.3	7.3	7.3	7.3	7.3	7.7	7.7	7.3
MAGELLAN	7.7	96.7	98.3	6.7	6.3	7.0	6.7	7.3	7.3	7.0	7.3	8.3	7.7	7.0	7.0	7.3
MVS-1107	7.3	96.0	99.0	7.3	6.7	6.7	7.3	7.7	7.0	6.7	6.7	7.3	8.0	7.7	7.0	7.3
PEDIGREE (ATF-1199)	7.0	96.7	99.0	6.0	6.3	7.0	6.3	7.0	7.7	7.3	7.3	7.7	7.3	7.3	7.3	7.3
REMBRANDT	7.7	96.3	99.0	6.7	6.7	7.0	7.3	8.0	7.3	6.3	7.3	8.0	7.7	7.3	6.7	7.3
SHENANDOAH III (SH 3)	7.7	94.7	99.0	7.3	7.3	7.0	6.7	6.7	7.3	7.0	7.3	7.3	8.0	8.0	7.3	7.3
SKYLINE	7.7	94.7	98.7	7.3	7.7	7.7	5.7	7.0	7.7	7.7	7.0	7.7	7.7	8.0	7.0	7.3
GARRISON (IS-TF-153)	7.7	94.0	99.0	7.0	6.7	7.7	6.7	7.3	7.3	7.3	6.7	7.3	7.7	7.7	7.0	7.2
BRAVEHEART (DP 50-9407)	7.7	94.3	99.0	7.3	7.0	7.3	6.7	6.3	7.3	7.7	7.0	7.3	7.7	7.7	7.0	7.2
CROSSFIRE 3 (COL-J)	7.7	93.7	98.0	7.0	7.3	7.7	6.3	6.7	8.0	7.3	7.0	7.0	7.3	7.7	7.3	7.2
JT-42	7.7	95.7	98.7	7.3	7.3	7.3	6.0	7.0	7.0	7.0	7.7	7.3	7.7	8.0	7.3	7.2
PSG-82BR	7.3	95.3	99.0	7.3	7.0	7.0	6.7	7.0	7.3	6.7	7.3	7.3	8.0	7.3	7.3	7.2
PSG-85QR	7.7	97.3	99.0	7.0	6.7	7.0	6.7	6.7	7.0	7.0	8.0	7.3	7.7	7.7	7.0	7.2
TERRIER (IS-TF-135)	7.7	95.3	99.0	7.3	6.7	7.3	5.7	7.3	7.7	7.0	7.3	7.0	8.0	7.7	7.0	7.2
TRIO (IS-TF-152)	7.7	82.3	97.7	7.0	7.0	7.3	6.7	7.0	7.7	7.0	6.7	7.3	7.7	7.7	7.0	7.2
O312	7.7	96.3	98.3	7.7	7.3	7.7	6.0	6.3	7.0	7.3	7.7	7.3	7.7	7.7	7.0	7.1
AST 7001	7.7	90.7	98.7	7.3	7.7	7.7	6.0	6.7	7.3	7.3	6.3	7.0	8.3	8.0	7.0	7.1
AST9003 (AST-1)	7.7	92.7	99.0	7.3	7.3	7.7	6.3	7.3	7.7	7.0	6.7	7.0	7.0	8.0	7.0	7.1
BILTMORE	7.7	95.0	98.7	8.0	7.7	7.7	6.3	6.7	7.0	7.0	7.3	6.7	8.3	7.7	7.3	7.1
CATELYST (NA-BT-1)	8.0	97.3	98.3	7.3	7.3	7.3	6.0	7.0	6.7	6.7	8.0	7.7	7.7	7.7	6.7	7.1
DARLINGTON (CS-TF1)	7.3	91.3	98.3	7.3	7.7	7.7	6.7	7.3	7.0	6.7	6.7	7.0	7.7	8.0	7.0	7.1
EINSTEIN	7.3	93.7	98.7	7.0	7.7	7.3	6.3	6.7	7.0	7.0	6.7	7.3	7.7	8.0	7.3	7.1
FAITH (K06-WA)	7.3	96.0	99.0	7.7	6.7	8.0	6.0	7.0	6.7	7.0	7.3	7.0	8.0	7.7	7.3	7.1
GWTF	7.7	94.0	98.7	7.0	6.7	7.0	6.7	6.7	7.7	6.7	7.3	6.7	8.0	7.7	7.0	7.1
JAMBOREE (IS-TF-128)	7.3	82.3	99.0	7.0	7.0	7.7	7.0	7.0	6.7	7.0	6.3	6.7	7.7	8.0	7.7	7.1
JT-36	7.7	94.0	97.0	7.7	7.3	7.0	5.7	6.7	7.3	8.0	7.3	7.3	8.0	7.3	6.3	7.1
KZ-1	7.0	91.7	97.3	6.0	6.7	7.7	6.7	7.7	7.0	6.3	7.0	7.0	7.0	7.3	7.7	7.1
MVS-341	7.0	96.0	99.0	6.7	6.0	6.7	7.3	6.7	7.7	6.7	7.0	6.7	7.7	7.0	7.0	7.1
PSG-TTRH	7.3	94.3	97.0	6.7	6.3	7.3	6.7	7.7	8.0	6.3	7.0	7.0	7.0	7.0	7.3	7.1
PSG-TTST	7.3	97.3	99.0	6.7	6.7	7.3	6.7	7.0	7.3	6.7	7.3	7.7	7.0	7.3	7.3	7.1
ROCKET (IS-TF-147)	7.0	96.0	99.0	6.3	7.3	7.7	6.0	7.0	7.7	7.0	7.3	6.3	7.3	8.0	7.3	7.1
TURBO RZ (BURL-TF8)	7.7	93.3	98.7	7.0	6.3	7.0	6.7	7.3	7.0	7.3	7.3	7.3	8.0	6.3	7.0	7.1
O6-WALK	7.0	90.0	99.0	7.0	6.7	7.0	6.3	7.3	7.3	6.7	7.0	6.7	7.7	7.3	7.0	7.0
ARISTOTLE	7.0	92.3	98.0	7.3	7.0	8.0	6.3	6.7	7.0	7.0	7.0	6.7	8.0	7.0	7.3	7.0
BGR-TF1	7.3	93.7	92.0	6.3	6.3	7.0	6.0	7.7	7.7	7.0	7.7	7.0	6.7	6.3	6.7	7.0
GAZELLE II (PST-5HP)	7.7	92.7	98.7	6.3	6.0	7.0	7.0	7.3	7.0	7.0	6.7	6.7	7.3	6.7	7.0	7.0
GE-1	7.3	83.3	98.0	6.7	7.3	7.3	6.0	6.7	7.0	7.0	6.7	7.3	7.3	8.0	7.0	7.0
HUDSON (DKS)	8.0	96.0	98.7	7.0	7.0	7.0	6.0	7.0	6.7	7.0	7.7	7.0	7.7	7.7	6.3	7.0
NINJA 3 (ATF 1247)	7.7	89.7	97.3	6.3	6.3	7.0	6.3	7.0	7.3	7.7	6.7	7.7	7.0	6.3	6.7	7.0
PSG-RNDR	7.0	93.3	98.7	7.0	7.0	7.0	6.0	7.3	7.0	6.3	6.7	7.0	8.0	7.7	7.0	7.0

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2009 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	QUALITY RATINGS									MEAN
							MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
STETSON II (NA-SS)	7.7	89.7	93.7	7.0	6.7	7.0	5.7	6.0	7.3	7.7	7.0	7.0	7.7	7.3	7.0	7.0
ESCALADE	6.7	89.7	98.0	6.3	6.7	6.3	7.0	6.7	7.3	6.7	6.7	6.7	6.7	7.3	7.0	6.9
JT-41	7.0	93.3	98.3	6.3	6.7	6.3	7.0	6.7	7.0	7.0	6.7	6.7	6.7	7.3	6.7	6.9
KZ-2	7.3	95.0	98.3	6.7	7.0	7.0	6.0	6.7	7.0	6.7	7.3	7.0	7.3	7.3	7.0	6.9
PLATO	7.0	95.0	98.3	7.3	6.7	7.0	6.0	6.3	7.0	7.0	7.0	6.7	7.7	7.3	7.0	6.9
TURBO	7.7	95.3	97.0	6.3	6.0	7.0	6.3	6.7	7.0	7.3	7.3	7.7	6.7	6.3	7.0	6.9
CANNAVARO (DP 50-9440)	7.3	94.3	99.0	6.7	7.0	7.0	6.0	7.0	7.3	7.0	7.0	6.3	7.0	6.3	7.3	6.8
COCHISE IV (RKCL)	7.3	91.0	96.3	6.7	6.3	6.7	7.3	6.7	7.0	7.3	7.0	6.7	7.0	6.7	5.7	6.8
GREENBROOKS (TG 50-9460)	7.3	93.7	98.7	6.7	7.0	7.3	5.7	6.7	7.0	7.0	7.3	7.3	6.3	6.7	7.3	6.8
JT-33	6.7	95.7	98.7	6.7	6.7	7.0	6.0	7.3	7.0	6.7	6.7	6.3	7.3	7.0	7.0	6.8
HUNTER	7.3	89.7	98.0	7.3	8.0	8.3	5.7	6.7	7.0	6.7	6.3	6.0	6.7	8.0	7.3	6.7
MONET (LTP-610 CL)	7.3	90.0	93.0	7.0	6.7	7.3	7.0	5.7	7.0	6.7	7.0	6.3	7.0	6.7	6.7	6.7
RENOVATE (LS-11)	7.0	85.3	98.3	6.3	6.7	8.0	6.3	7.0	7.0	6.7	6.0	6.7	6.3	7.0	7.3	6.7
SILVERADO	7.0	93.0	99.0	6.0	6.7	6.7	6.7	6.3	7.3	6.3	6.3	6.0	6.7	7.7	7.0	6.7
O6-DUST	7.0	79.0	97.0	6.7	6.3	6.7	6.3	6.0	7.0	7.3	6.0	6.0	7.3	6.7	6.7	6.6
CEZANNE RZ (LTP-CRL)	7.3	83.3	98.0	6.3	6.3	7.0	6.3	5.3	6.3	6.3	6.3	6.7	7.3	7.0	7.3	6.6
VAN GOGH (LTP-RK2)	7.7	91.0	96.0	7.7	7.3	7.3	5.7	6.3	6.3	7.0	6.7	7.0	7.3	6.7	6.7	6.6
REBEL IV	7.3	75.3	94.3	5.7	6.3	7.0	6.0	7.0	6.7	6.7	6.7	6.3	6.0	6.3	7.0	6.5
RK 4	7.7	88.0	95.0	6.7	6.0	6.3	5.7	6.0	7.0	7.0	6.3	7.0	7.0	6.3	6.3	6.5
RK 5	7.3	77.3	97.3	6.3	6.3	7.0	6.0	6.3	7.0	7.0	7.0	6.3	6.0	6.3	6.7	6.5
SPEEDWAY (STR-8BPD)	7.0	86.0	92.7	6.7	6.0	6.7	6.0	6.3	7.0	6.0	6.0	6.3	7.0	6.3	6.7	6.4
UMBRELLA (DP 50-9411)	6.7	62.0	94.7	5.7	6.3	7.0	5.7	5.3	6.7	6.3	6.0	5.7	6.3	6.3	6.0	6.0
KY-31	6.7	96.7	95.0	5.7	6.7	6.0	5.0	5.7	5.7	4.7	5.0	5.0	5.0	4.7	4.7	5.0
LSD VALUE	1.9	25.1	7.4	3.8	2.3	1.8	3.5	3.3	2.2	2.3	3.6	2.4	2.9	1.7	1.3	1.1
C.V. (%)	7.3	8.7	2.2	12.9	10.9	8.6	13.7	12.4	9.0	10.0	12.9	12.5	12.3	10.5	8.1	6.9

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.

*/ THE FOLLOWING IS INFORMATION ON SALINITY AT THIS SITE:

WATER QUALITY: PH 7.9, TOTAL DISSOLVED SOLIDS 1800, SAR 2.06

SOIL QUALITY (MEASURED IN FEB., JUNE; 0-4 INCH DEPTH): PH 7.4, 7.8; EC (dS/m) 5.57, 1.67; SAR 4.6, 2.95

SOIL QUALITY (MEASURED IN FEB., JUNE; 4-8 INCH DEPTH): PH 7.8, 7.7; EC (dS/m) 1.67, 2.01; SAR 2.95, 3.55

TABLE 14.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IN1	KS2	KY1	MD1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	VA4	WA3	MEAN
AST9003 (AST-1)	7.3	7.0	7.7	8.3	6.0	9.0	7.7	7.0	7.3	7.3	7.0	7.0	8.0	7.0	7.7	7.3	7.0	7.7	8.0	8.7	7.0	7.0	8.0	8.0	7.5
RENOVATE (LS-11)	8.0	6.0	7.0	8.0	6.3	8.7	7.3	5.3	7.3	7.0	7.0	7.0	6.0	7.3	6.7	7.3	8.0	7.0	8.3	8.7	7.0	7.7	9.0	8.0	7.3
BGR-TF2	7.3	6.0	7.7	8.0	7.7	9.0	7.0	5.3	7.3	6.3	6.7	6.7	7.0	7.0	8.3	8.0	8.0	6.7	8.3	8.0	6.3	6.7	8.3	8.0	7.3
KZ-2	7.3	6.7	7.3	8.0	7.0	9.0	7.0	6.0	7.0	7.0	7.0	6.7	6.3	6.7	7.7	7.0	7.0	6.7	8.7	8.7	6.7	7.3	8.7	7.7	7.3
CORONA (COL-M)	7.3	6.3	6.7	8.7	7.0	8.3	7.0	5.3	8.0	6.7	7.0	7.0	6.3	6.7	6.7	8.0	7.7	6.7	8.0	8.3	7.0	7.3	8.7	8.0	7.3
RNP	7.0	6.0	7.3	8.0	5.7	8.7	8.0	6.3	7.0	7.0	7.0	7.0	7.3	6.3	6.3	7.7	7.7	7.7	8.0	8.7	7.0	7.0	8.0	8.0	7.3
GWTF	7.0	6.3	7.3	8.0	7.3	8.7	6.7	6.7	7.0	6.0	6.7	6.7	6.7	6.3	6.7	8.0	7.3	6.7	9.0	8.7	7.0	7.3	8.3	8.0	7.3
HUNTER	7.0	7.0	6.7	8.3	6.0	9.0	7.3	5.7	7.7	7.0	6.0	7.0	7.7	7.0	8.0	6.3	8.3	7.0	8.0	8.3	7.0	6.3	8.0	7.7	7.3
REUNION (LS-03)	7.0	6.7	7.0	8.7	6.3	8.7	7.0	5.7	7.3	6.7	7.0	6.7	7.0	6.7	6.3	7.3	8.0	7.3	8.7	8.3	7.3	6.3	7.7	8.0	7.2
AST7003	7.7	6.7	7.0	8.3	6.3	8.3	7.0	6.7	7.7	6.7	6.7	7.0	6.7	5.0	7.0	7.3	7.3	7.3	8.3	8.7	7.3	6.7	8.0	8.0	7.2
AST9001 (AST-3)	7.7	6.3	7.0	8.3	7.3	9.0	7.0	6.3	7.0	6.0	7.7	6.3	7.3	5.0	7.0	8.0	7.3	7.3	8.3	8.0	7.0	5.7	8.3	8.0	7.2
AST1001 (AST-4)	7.7	6.3	7.7	8.7	6.3	8.7	7.3	6.7	7.0	6.0	6.7	7.0	6.0	6.7	7.3	7.0	6.7	7.3	8.3	9.0	7.0	5.7	8.0	8.0	7.2
KZ-1	7.0	6.0	7.0	8.0	6.7	9.0	6.3	5.3	7.3	6.7	7.7	6.7	6.7	7.3	5.3	8.0	7.3	7.0	9.0	8.3	6.7	7.7	8.0	8.0	7.2
AST 7001	7.3	6.0	7.3	8.3	5.3	9.0	7.7	5.7	8.0	7.0	6.3	6.7	6.3	6.3	6.0	8.0	8.3	6.7	9.0	9.0	6.7	6.3	7.7	8.0	7.2
AST 7002	7.3	6.0	7.3	8.0	6.3	8.3	6.0	6.3	8.0	5.7	7.0	6.3	7.3	6.7	6.7	8.0	8.0	7.3	9.0	8.7	6.7	6.0	8.3	7.3	7.2
STETSON II (NA-SS)	7.7	7.0	7.0	8.3	6.7	9.0	6.7	5.7	7.0	7.7	7.0	7.0	6.3	6.7	5.3	8.3	7.3	6.3	8.0	7.7	7.3	6.7	8.7	7.3	7.2
DARLINGTON (CS-TF1)	7.3	6.7	7.7	8.0	6.0	9.0	7.0	4.0	7.3	6.7	7.3	6.7	6.7	6.7	6.0	7.7	7.7	7.3	8.0	9.0	7.7	6.7	7.3	8.0	7.2
ATF 1328	6.3	6.3	8.0	9.0	6.7	8.7	6.3	5.3	7.0	7.0	6.7	6.3	6.0	5.7	5.3	8.7	8.7	7.0	8.7	8.3	7.0	5.3	8.7	8.0	7.1
FAT CAT (IS-TF-161)	6.7	6.3	7.0	8.3	6.3	8.0	6.3	6.0	7.0	6.3	7.3	6.0	7.0	6.3	8.0	7.7	8.0	6.7	8.0	8.0	6.7	6.7	8.0	8.0	7.1
TRIO (IS-TF-152)	6.7	6.3	7.3	8.3	6.7	9.0	6.3	5.3	6.7	5.7	6.7	7.0	5.7	6.3	7.0	7.3	7.7	7.0	8.7	8.3	6.7	7.7	8.3	8.0	7.1
UMBRELLA (DP 50-9411)	7.0	6.3	7.0	8.0	6.3	9.0	7.3	4.7	7.0	6.3	6.7	6.7	6.3	6.7	5.3	8.0	8.0	6.3	8.3	8.7	7.3	7.3	8.0	7.7	7.1
HUDSON (DKS)	7.3	6.0	6.7	8.3	6.7	8.3	6.3	5.7	7.3	7.7	7.0	6.7	6.3	6.3	5.3	7.7	7.7	7.0	8.3	8.0	7.3	6.3	8.3	7.3	7.1
COMPETE (LS-06)	7.0	5.7	7.0	8.3	6.0	8.7	6.7	4.3	7.3	7.0	6.7	6.7	6.7	7.3	7.0	7.0	7.3	7.3	8.3	8.3	7.0	7.0	7.3	8.0	7.1
BGR-TF1	7.3	6.0	7.3	7.7	7.0	9.0	6.7	4.7	7.7	7.3	7.3	6.0	6.3	5.7	6.3	7.7	7.7	6.7	9.0	8.0	6.7	7.3	7.0	7.7	7.1
AST9002 (AST-2)	7.0	6.3	7.3	8.3	6.0	8.7	7.0	5.0	7.0	7.0	6.3	6.3	6.3	6.7	6.0	7.7	7.0	6.7	8.3	9.0	7.0	5.7	8.7	8.0	7.1
IS-TF-159	7.0	6.0	8.0	7.3	6.3	8.7	5.7	7.7	6.7	5.7	6.7	6.3	7.0	6.7	6.7	8.3	7.0	6.0	8.3	8.0	6.7	7.0	8.0	7.7	7.1
TOCCOA (IS-TF-151)	7.0	6.0	6.7	8.0	5.7	9.0	6.7	5.7	7.0	6.3	7.3	6.0	7.0	6.7	7.0	7.7	7.7	6.3	9.0	7.3	6.3	6.3	8.3	8.0	7.0
CROSSFIRE 3 (COL-J)	6.7	6.0	7.0	8.0	6.7	8.0	6.3	5.7	8.0	6.3	7.3	6.3	6.3	6.7	6.0	8.0	7.0	7.3	8.3	8.7	6.7	6.0	7.7	8.0	7.0
SIDEWINDER (IS-TF-138)	7.0	6.3	7.3	8.0	7.7	8.7	6.3	6.3	7.0	6.0	7.0	6.7	6.3	6.3	5.7	7.0	7.7	5.7	8.0	7.7	6.7	7.0	8.3	8.0	7.0
LS 1200 (SC-1)	6.7	7.0	7.3	8.3	7.0	8.0	6.3	6.7	7.0	6.3	6.7	6.3	7.0	5.7	4.3	8.0	7.0	6.0	8.3	7.3	6.7	8.0	8.3	8.0	7.0
GARRISON (IS-TF-153)	7.0	7.0	7.7	8.0	7.0	8.0	5.7	5.3	6.7	6.3	6.7	6.3	7.0	6.3	6.3	8.0	7.3	6.0	8.7	7.7	6.3	6.3	8.0	8.0	7.0
RAPTOR II (MVS-TF-158)	6.0	6.7	8.0	8.0	7.0	8.3	6.3	5.7	6.3	5.7	7.0	6.3	6.0	6.0	7.3	8.0	7.3	6.3	8.0	8.0	6.3	6.3	8.3	7.7	7.0
BRAVEHEART (DP 50-9407)	7.0	6.3	7.7	7.7	6.0	8.0	7.3	5.3	6.7	6.3	7.0	6.0	6.3	6.0	5.7	8.0	7.0	6.0	8.7	8.3	7.7	6.3	8.0	7.3	6.9
TAHOE II	6.0	5.7	7.7	7.7	7.3	8.3	6.0	5.3	7.3	6.0	6.0	6.3	7.3	6.3	6.7	7.7	7.0	6.3	8.3	8.3	6.7	6.3	8.0	8.0	6.9
MUSTANG 4 (M4)	7.0	7.3	7.0	7.7	7.0	8.7	6.3	5.3	7.7	5.0	7.0	6.0	6.3	6.3	5.7	7.0	6.7	6.3	8.0	8.3	6.7	7.7	8.0	7.7	6.9
J-130	6.7	6.3	7.3	8.0	7.3	8.0	5.7	5.3	7.0	5.3	6.3	6.0	5.7	6.3	6.7	7.7	7.3	6.7	8.3	8.0	6.7	7.7	8.0	8.0	6.9
COCHISE IV (RKCL)	6.3	7.3	8.0	8.0	7.0	8.3	6.0	6.3	7.7	5.7	6.7	6.3	6.7	5.7	5.3	7.3	6.3	6.7	9.0	7.0	6.3	6.3	7.7	8.0	6.9
0312	6.7	7.0	6.3	7.7	6.0	8.0	6.3	5.7	7.3	6.0	6.3	6.7	6.3	7.0	6.7	7.3	7.7	6.3	8.0	8.3	6.0	6.7	7.7	8.0	6.9
COL-1	6.3	7.0	6.7	8.0	6.7	8.7	6.3	5.7	7.0	5.7	6.7	6.0	5.7	6.0	6.0	7.7	7.3	7.0	8.7	8.7	6.7	6.0	8.0	7.7	6.9
JT-36	6.3	7.3	7.7	8.0	6.0	8.7	6.3	6.0	6.7	6.7	6.3	6.0	7.0	6.3	5.7	8.0	6.7	5.7	8.0	7.7	6.0	7.0	8.0	8.0	6.9
FAITH (K06-WA)	7.3	7.3	7.3	8.0	8.0	7.7	6.7	4.7	7.0	5.0	6.0	5.7	5.7	6.3	6.7	7.7	6.0	6.0	8.3	8.0	6.3	7.3	9.0	7.7	6.9

TABLE 14. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IN1	KS2	KY1	MD1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	VA4	WA3	MEAN
SR 8650 (STR-8LMM)	6.7	7.0	7.3	8.0	7.3	8.0	6.3	5.3	7.0	6.3	7.3	6.3	6.0	6.3	5.0	7.7	6.0	6.0	8.3	8.0	6.3	6.7	8.0	8.0	6.9
06-WALK	6.7	7.0	7.3	8.0	7.0	8.3	6.3	6.0	7.0	6.0	6.0	6.3	7.0	6.3	5.0	7.3	7.0	6.3	8.3	8.0	6.7	6.0	7.3	8.0	6.9
TULSA TIME (TULSA III)	6.0	5.7	7.7	7.7	7.0	8.3	6.0	6.7	7.0	5.7	6.7	6.0	6.3	6.3	4.7	8.0	7.3	6.0	8.3	7.3	7.7	7.0	8.0	8.0	6.9
SPYDER LS (Z-2000)	6.3	6.0	7.3	7.7	6.3	8.3	6.0	5.3	7.0	6.3	6.3	6.0	6.7	6.3	6.0	7.3	7.7	5.7	8.0	8.3	6.3	7.7	8.3	7.7	6.9
GREENBROOKS (TG 50-9460)	6.3	8.0	7.7	8.0	7.7	8.0	6.0	5.0	6.3	5.3	6.7	6.3	5.7	6.0	5.0	8.0	6.3	6.0	8.7	8.3	6.3	6.3	8.3	8.0	6.8
REBEL IV	6.7	7.0	7.3	8.0	7.3	8.0	6.0	6.3	6.7	4.3	5.7	5.7	7.0	6.7	5.7	7.7	6.0	5.7	8.3	8.3	6.7	7.3	8.7	7.3	6.8
HONKY TONK (RAD-TF17)	6.7	6.0	7.3	7.7	6.3	8.0	5.7	6.3	7.0	5.7	6.7	6.0	7.0	6.0	5.0	7.7	7.0	6.3	8.3	7.7	6.7	6.7	8.3	8.0	6.8
BULLSEYE	6.7	7.3	7.3	8.0	7.3	8.0	5.7	6.0	7.0	5.0	6.7	6.3	6.3	5.7	5.3	8.0	5.7	5.3	8.3	8.0	6.7	7.7	8.0	7.7	6.8
ROCKET (IS-TF-147)	6.7	7.0	7.0	8.0	7.3	8.3	6.3	6.7	6.7	4.7	6.7	6.3	6.3	6.3	5.3	8.0	6.3	5.7	8.7	7.0	6.0	6.7	8.3	7.7	6.8
TERRIER (IS-TF-135)	6.7	6.7	7.7	8.0	6.7	8.7	6.3	6.0	6.3	5.0	6.7	6.3	5.3	6.3	6.0	8.0	6.7	6.3	8.3	7.3	7.0	6.7	7.7	7.3	6.8
RK 4	6.3	7.3	7.3	7.3	7.3	8.0	6.0	5.3	7.0	5.3	5.7	6.0	6.3	6.0	6.3	8.0	6.3	6.7	8.0	8.0	6.0	6.7	8.3	8.0	6.8
SHENANDOAH ELITE (RK 6)	7.0	7.0	6.7	7.7	7.3	8.3	6.0	5.7	6.7	5.7	6.3	6.0	6.0	6.3	6.7	7.0	6.7	5.7	8.0	7.3	6.3	7.7	8.0	7.3	6.8
JT-45	6.7	6.7	7.0	7.3	6.0	8.3	6.3	7.0	6.7	5.3	6.0	6.3	6.7	6.7	6.0	7.7	6.7	6.3	7.7	7.3	7.0	5.7	8.0	7.7	6.8
TALLADEGA (RP 3)	6.3	6.7	7.0	7.7	6.7	8.0	6.0	5.7	6.7	4.7	7.0	6.0	5.7	6.3	5.7	7.7	6.0	6.0	8.3	8.3	7.0	7.7	8.3	7.3	6.8
3RD MILLENNIUM SRP	6.3	7.3	7.0	8.0	7.3	7.7	6.0	6.7	7.3	5.3	6.3	6.0	6.0	5.3	6.3	7.7	6.3	6.0	8.0	8.0	5.7	6.3	8.0	7.7	6.8
FIRENZA	6.7	7.3	7.0	7.7	7.3	8.0	6.0	5.7	7.0	5.7	6.7	6.0	5.7	5.7	5.0	7.7	6.0	5.7	8.7	7.7	6.0	7.7	8.0	7.7	6.8
PEDIGREE (ATF-1199)	6.3	7.0	6.7	8.0	6.3	7.7	5.7	6.7	6.7	5.0	7.0	6.0	6.7	6.0	5.3	8.0	6.7	6.3	7.7	7.7	6.0	7.3	8.0	7.3	6.8
TURBO RZ (BURL-TF8)	7.0	6.0	7.3	8.0	6.7	8.0	6.3	5.0	5.7	6.3	6.3	6.0	6.3	6.7	5.0	7.0	7.0	5.7	8.7	8.0	6.7	6.3	8.3	7.7	6.8
SHENANDOAH III (SH 3)	6.3	6.7	7.7	7.7	7.3	8.0	5.7	6.3	6.7	5.7	6.3	6.0	6.7	5.3	6.7	7.3	5.3	5.7	8.0	8.0	6.7	7.0	8.0	7.0	6.8
CANNAVARO (DP 50-9440)	6.7	7.3	7.3	7.7	6.7	8.0	5.3	4.7	6.3	5.5	6.7	6.3	6.0	6.7	6.3	7.7	6.3	6.3	8.7	7.7	7.0	5.0	8.3	7.3	6.7
JT-33	6.3	6.3	7.3	7.7	6.3	8.3	6.3	4.7	7.0	5.7	6.0	6.7	6.0	6.7	6.3	7.3	7.3	6.0	8.0	7.3	7.0	6.3	7.3	7.3	6.7
JT-41	6.3	6.7	7.0	7.7	6.0	9.0	6.0	6.3	6.3	5.0	6.3	6.3	6.0	6.3	5.3	7.7	6.7	6.0	8.0	8.0	6.3	6.0	8.3	8.0	6.7
MONET (LTP-610 CL)	5.7	7.7	7.7	7.3	6.7	7.7	5.7	6.7	6.3	5.7	6.7	6.0	6.3	6.7	4.3	8.0	6.0	5.7	8.7	7.3	5.7	7.7	8.3	7.3	6.7
JUSTICE	6.3	6.7	7.0	7.3	7.0	8.0	5.7	6.7	6.3	5.5	5.3	6.0	7.0	6.3	5.7	8.0	6.3	6.0	8.0	7.7	6.3	6.7	8.0	7.7	6.7
BAR FA 6253	6.7	7.0	6.7	7.7	7.0	7.7	6.3	6.0	7.3	4.3	5.7	6.0	5.7	6.3	4.3	7.3	7.3	6.0	8.3	8.3	7.0	6.7	8.0	7.7	6.7
HEMI	6.7	6.7	7.3	7.3	7.0	7.7	6.0	5.0	6.7	4.7	7.0	6.3	6.0	7.0	4.7	8.0	6.0	6.0	8.0	8.0	6.3	7.0	8.3	7.3	6.7
JAMBOREE (IS-TF-128)	7.0	6.3	7.0	7.3	8.0	8.0	5.7	6.7	6.7	6.0	6.7	6.3	5.3	5.7	5.0	7.7	5.7	5.7	8.3	7.7	6.3	7.0	7.7	7.0	6.7
JT-42	6.3	6.7	6.7	8.0	6.3	8.0	6.7	5.7	6.0	5.3	6.0	6.0	6.3	7.0	5.0	8.0	6.7	6.0	8.3	7.7	6.3	6.0	8.0	7.7	6.7
NINJA 3 (ATF 1247)	6.3	6.3	7.3	8.0	7.7	8.3	6.3	6.0	7.0	5.7	6.3	6.0	5.3	6.0	5.0	7.7	6.3	6.0	7.7	7.3	6.3	6.0	8.0	7.7	6.7
SKYLINE	6.3	6.7	7.3	8.0	7.0	5.3	5.3	5.3	6.3	5.3	7.0	5.7	6.7	5.7	6.3	7.7	6.7	6.3	8.0	8.0	6.7	6.3	8.7	8.0	6.7
BAR FA 6363	6.7	6.0	6.7	7.7	7.0	8.3	5.7	4.7	6.7	4.0	6.7	6.0	6.7	6.3	6.0	7.7	7.7	6.0	8.0	7.7	7.0	5.7	8.3	7.3	6.7
ESSENTIAL (IS-TF-154)	6.0	7.0	7.7	7.7	7.0	8.0	6.0	7.0	6.7	4.7	6.0	6.0	5.7	5.3	6.0	7.7	5.7	5.3	8.3	7.7	6.3	6.3	8.7	7.7	6.7
FIRECRACKER LS (MVS-MST)	6.0	6.3	6.3	7.7	7.0	8.0	5.7	6.7	6.7	5.0	6.7	6.0	6.0	6.3	5.7	7.7	5.7	5.7	8.3	7.7	6.0	7.3	8.0	8.0	6.7
TURBO	6.7	6.3	7.0	7.7	7.3	8.3	6.0	6.0	7.0	5.7	6.0	6.0	5.7	6.3	5.0	8.0	6.0	5.7	8.3	7.7	6.3	6.0	7.7	7.7	6.7
MVS-341	6.3	6.3	7.0	8.0	7.0	8.0	5.7	5.3	6.3	5.0	5.3	6.0	6.7	6.7	5.0	8.0	6.7	6.3	8.3	8.0	6.3	6.0	8.3	7.3	6.7
PSG-RNDR	7.0	6.3	7.0	8.0	7.0	8.0	6.0	5.3	6.7	4.7	6.3	6.3	6.0	6.7	5.0	7.0	6.7	6.3	8.0	7.7	6.0	7.0	7.3	7.3	6.7
J-140	6.7	6.7	6.7	8.0	7.3	8.3	6.0	4.3	6.0	5.0	6.3	6.0	6.0	6.0	5.7	8.0	6.7	6.3	8.0	7.7	6.0	6.3	8.0	7.7	6.7
RHAMBLER SRP (RHAMBLER)	6.0	7.0	7.7	7.7	6.7	7.7	5.7	5.7	7.0	5.0	6.0	6.0	5.0	6.0	6.3	7.7	6.3	5.7	8.0	7.3	6.3	7.7	7.7	7.7	6.7
TRAVERSE SRP (RK-1)	6.7	6.7	7.0	7.7	7.7	7.3	6.0	6.3	7.0	4.7	6.0	6.0	5.7	6.0	4.7	7.3	5.7	6.0	8.0	8.0	6.0	7.3	8.3	7.3	6.6
GAZELLE II (PST-5HP)	6.3	6.7	7.7	7.7	7.0	8.0	5.7	5.0	6.0	4.3	5.7	6.0	6.0	5.3	6.0	8.0	6.7	5.7	8.0	8.0	6.3	7.7	8.3	7.3	6.6
PADRE	6.7	7.0	6.7	8.0	7.3	8.0	6.0	5.7	6.0	4.7	6.0	6.0	6.0	6.3	4.7	6.7	6.0	6.3	8.3	8.0	6.3	7.3	8.3	7.0	6.6
FALCON V (ATM)	6.3	8.0	6.3	7.3	7.3	7.7	5.7	6.3	6.7	4.3	5.3	5.7	7.0	6.0	4.3	8.0	5.0	6.0	8.0	8.3	6.3	7.3	8.0	7.7	6.6

TABLE 14. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IN1	KS2	KY1	MD1	MN1	MO1	MS1	NC1	NE1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	VA4	WA3	MEAN
WOLFPACK II (PST-5WMB)	6.7	5.7	7.3	7.7	7.0	8.3	6.0	6.7	6.7	4.7	6.0	6.0	5.7	6.3	4.7	7.7	6.3	6.0	8.3	7.3	6.0	6.7	8.3	7.0	6.6
GE-1	6.7	7.3	7.3	7.7	7.3	8.0	6.0	4.7	5.7	4.7	6.3	6.0	6.3	6.0	4.7	8.0	6.0	6.0	8.7	7.7	6.3	5.7	8.3	7.3	6.6
RK 5	6.0	7.0	7.3	7.3	8.3	8.0	5.7	5.0	6.0	4.3	5.7	6.0	5.7	6.7	6.3	8.0	5.3	5.7	8.3	7.0	6.0	6.3	8.3	8.0	6.6
FINELAWN XPRESS (RP 2)	6.3	8.0	7.3	7.7	6.3	7.7	6.0	5.7	6.7	5.0	6.3	6.0	6.0	5.0	6.0	7.3	5.3	5.3	8.0	8.0	6.0	6.3	8.3	7.7	6.6
PSG-85QR	6.3	6.7	7.7	7.3	6.3	8.0	6.0	5.3	6.7	4.7	6.3	6.0	6.0	6.3	5.0	8.0	7.0	6.3	7.7	7.3	5.7	6.7	7.7	7.3	6.6
SPEEDWAY (STR-8BPDJ)	6.0	6.7	7.0	7.3	7.0	7.7	5.7	5.3	5.7	4.7	6.3	5.7	6.0	6.3	4.7	8.0	6.0	5.7	8.3	7.3	6.7	8.0	8.7	7.7	6.6
ARISTOTLE	6.7	5.3	7.0	8.0	6.0	8.7	6.7	5.7	6.7	4.7	5.7	6.0	6.7	5.7	5.7	7.3	6.7	6.3	7.7	8.7	6.0	5.0	8.3	7.0	6.6
VAN GOGH (LTP-RK2)	5.3	7.0	6.7	7.7	6.7	8.0	6.0	5.7	7.0	5.0	6.0	6.0	6.3	6.0	4.3	8.0	6.0	6.0	8.0	7.7	6.0	6.7	8.0	7.7	6.6
BILTMORE	6.7	6.0	6.3	8.0	7.7	8.0	6.3	5.7	6.0	4.7	6.7	6.0	6.7	5.3	4.0	7.7	7.0	6.3	8.3	7.7	5.7	5.0	8.0	7.3	6.5
CEZANNE RZ (LTP-CRL)	6.3	7.0	7.3	7.3	6.7	8.0	5.7	5.0	6.3	5.0	5.7	5.7	5.3	6.0	4.3	8.0	6.0	5.7	8.3	7.7	6.7	7.3	8.0	7.7	6.5
MAGELLAN	6.3	7.0	6.3	7.3	7.3	8.0	5.7	6.3	6.7	5.3	5.3	6.0	5.7	6.3	4.3	8.0	6.3	5.7	8.0	7.7	6.0	6.3	7.3	7.7	6.5
TITANIUM LS (MVS-BB-1)	6.3	7.3	6.7	7.7	7.3	7.7	6.0	6.7	6.0	5.0	6.0	5.7	5.3	6.7	3.3	7.7	6.3	5.3	8.3	7.7	5.7	8.0	7.3	7.0	6.5
STR-8GRQR	6.0	7.0	6.3	7.7	6.0	7.3	6.0	5.7	6.3	4.3	6.0	5.7	6.0	6.0	4.0	8.0	6.7	6.3	8.0	7.7	6.3	7.7	8.0	7.3	6.5
EINSTEIN	6.0	5.7	7.0	7.0	7.0	8.0	6.0	5.0	7.0	4.7	5.3	5.3	7.0	5.3	5.7	8.0	6.0	6.3	8.7	8.0	6.0	6.7	8.0	6.7	6.5
PSG-TTRH	6.7	6.3	7.0	7.7	6.7	8.3	6.0	4.7	6.0	4.0	6.7	6.0	5.7	7.0	5.3	6.7	6.3	6.0	8.0	8.0	6.0	6.0	7.7	7.7	6.5
ESCALADE	6.0	6.3	7.0	8.3	6.7	7.3	5.7	6.0	6.0	4.3	6.3	5.7	5.3	6.7	4.7	7.7	6.0	6.0	8.0	7.7	6.0	6.7	8.3	7.3	6.5
06-DUST	6.3	7.0	7.3	7.0	6.7	8.0	6.0	6.0	6.7	5.0	5.7	6.0	6.0	6.3	5.0	6.3	6.3	6.0	8.3	7.0	6.0	5.0	8.0	7.7	6.5
STR-8BB5	6.3	6.7	6.0	7.7	6.0	7.7	5.3	6.7	6.0	3.7	6.3	6.0	6.0	6.3	4.0	8.0	6.3	5.7	8.3	7.7	5.7	7.7	8.0	7.7	6.5
FALCON IV	5.7	6.7	7.3	7.3	6.3	7.3	5.7	5.0	5.7	4.0	6.3	5.7	5.7	6.0	5.7	7.3	6.3	6.0	8.3	8.0	6.7	7.0	7.3	7.7	6.5
LINDBERGH	6.3	6.7	6.3	8.0	6.7	8.3	6.0	4.7	6.3	4.3	5.0	6.0	6.7	5.7	5.3	7.7	6.0	6.3	8.0	8.0	5.3	5.3	8.0	7.3	6.4
REMBRANDT	6.0	6.7	6.7	7.3	7.0	7.7	5.3	6.3	6.0	4.7	5.0	6.0	6.7	6.7	4.0	8.0	5.0	6.3	8.0	7.7	5.7	6.0	8.3	7.3	6.4
MVS-1107	5.7	7.0	7.3	6.7	7.3	8.0	6.0	5.7	5.7	3.3	5.3	6.0	6.3	6.0	4.7	8.0	5.3	6.0	8.0	7.7	5.3	7.7	8.0	7.3	6.4
PSG-82BR	6.3	6.7	6.7	7.7	7.7	7.7	5.7	6.0	6.0	3.7	5.3	5.7	5.7	5.0	4.7	8.0	6.3	6.3	8.0	7.0	5.3	6.3	7.3	7.0	6.3
FALCON NG (CE 1)	6.0	7.3	6.7	7.7	7.3	7.7	5.7	5.3	6.0	4.3	5.3	6.0	5.7	5.0	4.7	7.0	5.3	5.7	7.7	7.0	6.3	6.3	8.3	7.3	6.3
CATELYST (NA-BT-1)	6.3	7.7	6.7	7.0	7.0	7.0	5.7	5.3	5.0	3.7	5.7	6.0	6.3	6.0	3.3	7.7	5.0	6.0	8.3	7.0	5.7	8.3	8.0	7.0	6.3
GO-1BFD	6.0	6.3	6.3	7.0	7.0	7.3	5.7	5.7	5.3	2.7	5.3	5.7	5.0	6.0	4.0	8.0	6.3	5.7	8.0	7.3	5.0	7.7	8.3	7.0	6.2
PLATO	6.0	6.3	6.3	7.0	7.3	8.0	5.7	5.7	5.7	3.3	5.3	6.0	5.7	6.0	5.0	7.3	5.3	5.7	8.0	6.7	5.3	5.0	7.3	7.0	6.1
PSG-TTST	5.3	7.3	6.0	7.0	6.7	8.0	5.3	6.0	5.0	3.3	5.3	5.0	4.7	5.3	4.0	7.3	4.7	6.0	8.0	7.0	5.3	6.0	7.7	7.0	6.0
SILVERADO	5.3	6.3	6.7	5.3	5.7	7.3	4.0	5.3	5.0	2.0	4.7	5.0	5.3	4.7	2.3	6.7	4.0	5.7	7.3	7.3	4.3	5.7	7.0	7.0	5.4
KY-31	3.0	5.0	6.0	4.0	4.0	4.0	3.0	4.7	4.0	1.0	3.0	4.0	3.3	5.7	1.0	6.7	2.0	4.0	4.7	5.3	2.0	4.0	6.3	5.3	4.0
LSD VALUE	0.8	1.3	1.3	0.8	1.4	1.0	0.9	2.5	0.7	1.3	1.0	0.6	1.3	1.5	1.9	1.0	1.1	1.0	0.8	1.0	1.0	1.9	0.9	0.7	0.3
C.V. (%)	7.9	12.4	11.1	6.4	12.7	7.5	9.5	27.1	6.4	14.8	9.7	6.4	12.7	14.7	21.4	8.0	10.6	9.6	5.9	8.1	9.5	17.6	6.7	6.1	11.3

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

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

TABLE 15.

SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	IA1	IL1	MN1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	WI1	MEAN
KY-31	6.0	4.3	9.0	5.7	5.7	4.3	9.0	8.7	8.0	6.0	5.7	8.3	6.7
SHENANDOAH III (SH 3)	6.3	5.7	5.0	6.3	7.7	4.7	6.7	7.3	7.7	7.7	3.7	8.7	6.4
GO-1BFD	6.7	6.0	4.7	6.7	6.3	4.7	8.0	7.3	7.0	7.7	4.3	8.0	6.4
REMBRANDT	6.7	6.0	5.0	6.3	6.7	4.7	7.3	7.3	7.0	7.7	3.7	7.7	6.3
FALCON IV	6.3	7.3	5.3	6.3	6.3	3.0	6.7	6.0	7.3	8.0	4.3	8.0	6.3
TRAVERSE SRP (RK-1)	6.3	6.7	4.7	6.0	7.0	4.0	6.3	6.7	7.3	8.0	3.7	8.3	6.3
FALCON NG (CE 1)	6.0	6.3	5.0	6.3	6.3	4.0	7.7	5.3	7.3	7.7	5.0	7.7	6.2
WOLFPACK II (PST-5WMB)	6.3	6.0	4.7	6.0	7.0	5.0	6.3	6.3	7.3	8.0	3.3	8.3	6.2
SPEEDWAY (STR-8BPDx)	6.3	6.0	5.3	6.0	6.3	4.3	5.3	7.0	7.3	8.0	4.3	8.3	6.2
FALCON V (ATM)	6.0	6.7	4.3	6.3	8.0	4.3	4.7	6.3	7.3	7.7	4.3	8.0	6.2
RK 5	6.7	6.0	6.0	6.7	6.7	4.7	5.7	6.0	7.3	7.3	3.0	8.0	6.2
FAITH (K06-WA)	7.0	5.0	3.7	6.7	6.3	5.3	5.7	6.7	7.7	8.0	3.7	8.3	6.2
LS 1200 (SC-1)	6.3	6.3	3.7	6.3	7.7	5.0	4.7	6.7	7.0	7.7	4.0	8.3	6.1
AST 7002	6.0	6.3	5.0	6.0	6.0	5.3	4.7	5.0	7.0	8.0	5.3	8.7	6.1
RHAMBLER SRP (RHAMBLER)	6.7	6.7	4.3	6.0	7.3	3.7	5.7	6.7	7.0	8.0	3.3	8.0	6.1
BAR FA 6253	6.7	5.3	4.7	6.0	6.7	4.0	6.0	6.7	7.3	8.0	3.3	8.3	6.1
VAN GOGH (LTP-RK2)	6.3	5.3	5.0	6.0	7.0	4.0	6.3	6.3	7.0	7.7	3.7	8.3	6.1
BULLSEYE	6.7	5.7	5.3	6.0	6.7	3.3	5.0	5.3	7.0	8.0	4.7	9.0	6.1
NINJA 3 (ATF 1247)	6.3	6.3	4.7	5.7	5.7	4.0	5.7	5.7	7.0	8.0	5.3	8.3	6.1
3RD MILLENNIUM SRP	6.0	6.7	4.0	6.0	6.3	3.3	5.7	6.3	7.0	8.0	4.7	8.3	6.0
REBEL IV	6.3	6.0	5.3	6.0	7.0	4.3	6.0	5.7	7.0	7.0	4.0	7.7	6.0
RK 4	6.0	5.7	7.0	6.0	6.7	4.3	5.0	5.3	6.3	8.0	3.7	8.0	6.0
06-DUST	6.0	6.0	5.0	6.0	6.7	4.3	5.7	5.3	6.7	8.0	4.0	8.3	6.0
BAR FA 6363	6.3	6.0	5.3	6.0	7.0	4.3	6.0	5.7	6.0	8.0	3.0	8.3	6.0
BRAVEHEART (DP 50-9407)	6.0	5.7	5.0	6.0	8.0	4.7	5.0	6.0	6.7	8.0	3.0	8.0	6.0
CATELYST (NA-BT-1)	6.3	5.7	3.0	6.3	7.3	3.3	4.7	7.3	8.0	8.0	4.0	8.0	6.0
COCHISE IV (RKCL)	6.3	6.7	4.7	6.0	7.0	2.7	4.7	7.0	6.7	8.0	4.3	8.0	6.0
HEMI	6.0	6.7	5.3	6.0	6.0	4.3	4.3	5.7	7.0	7.7	4.3	8.7	6.0
PADRE	6.0	6.7	5.0	6.0	5.7	3.0	6.7	6.7	7.0	8.0	3.0	8.3	6.0
PSG-82BR	6.3	5.7	5.3	6.3	4.7	4.3	6.7	6.0	7.0	8.0	3.7	8.0	6.0
STR-8GRQR	6.0	6.0	5.0	6.0	5.7	3.7	6.0	5.7	7.0	8.0	4.7	8.3	6.0
RNP	6.0	6.7	5.0	5.7	7.0	4.0	5.0	4.3	6.7	8.0	4.3	9.0	6.0
UMBRELLA (DP 50-9411)	6.0	5.3	6.0	6.0	7.0	4.7	3.0	6.0	6.3	8.0	4.7	8.7	6.0
JUSTICE	6.0	7.3	3.3	5.7	7.0	4.3	5.7	6.3	6.7	8.0	2.7	8.7	6.0
MVS-1107	6.3	6.0	4.7	6.0	6.0	4.3	5.7	5.7	6.7	8.0	4.0	8.3	6.0
PSG-85QR	6.0	6.3	5.0	6.3	6.0	4.3	5.0	5.7	7.3	7.7	3.7	8.3	6.0
FIRECRACKER LS (MVS-MST)	6.7	5.3	3.3	6.0	7.7	4.0	4.7	6.0	7.0	7.7	4.0	9.0	5.9
FIRENZA	6.3	6.7	5.0	6.0	6.0	3.0	5.7	6.0	7.0	7.7	4.0	8.0	5.9
HUDSON (DKS)	6.3	6.0	6.0	5.7	6.3	5.3	5.0	4.3	7.0	8.0	3.0	8.3	5.9
AST9002 (AST-2)	6.3	6.0	5.3	6.0	5.7	5.0	5.7	4.3	7.0	8.0	3.7	8.0	5.9
GREENBROOKS (TG 50-9460)	6.3	4.7	3.7	6.0	6.0	4.0	5.7	6.7	7.3	7.7	5.0	8.0	5.9

TABLE 15. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
 2009 DATA

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

NAME	IA1	IL1	MN1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	WI1	MEAN
MVS-341	6.0	6.3	5.7	5.7	6.0	3.7	4.0	5.7	7.0	8.0	4.7	8.3	5.9
TURBO	6.7	5.7	5.0	6.0	6.0	4.0	4.0	5.7	7.3	7.7	4.3	8.7	5.9
SPYDER LS (Z-2000)	6.0	5.3	4.3	6.0	8.0	4.0	4.7	5.7	6.7	8.0	4.0	8.3	5.9
EINSTEIN	6.3	5.3	3.7	6.0	6.3	4.0	6.3	6.0	7.0	7.3	4.0	8.3	5.9
GWTF	6.0	6.3	4.7	6.0	6.7	5.3	4.3	4.0	6.7	8.0	4.3	8.3	5.9
MONET (LTP-610 CL)	6.0	5.7	3.3	6.7	7.7	4.3	5.0	6.3	7.0	7.7	3.7	7.3	5.9
ARISTOTLE	5.7	4.7	5.0	6.0	6.7	4.0	7.0	5.3	6.7	7.7	4.0	8.0	5.9
ESCALADE	6.7	6.3	4.0	6.0	6.3	4.0	5.3	5.0	7.0	8.0	4.0	8.0	5.9
GARRISON (IS-TF-153)	6.0	5.3	4.3	6.0	7.0	4.3	5.0	5.7	6.7	8.0	4.0	8.3	5.9
DARLINGTON (CS-TF1)	5.7	7.0	4.0	6.0	7.0	5.3	5.0	4.3	6.3	8.0	3.3	8.3	5.9
ROCKET (IS-TF-147)	6.7	6.3	4.7	6.0	6.0	4.7	4.3	5.0	6.7	8.0	4.0	8.0	5.9
SILVERADO	5.7	5.0	3.7	6.0	6.3	3.7	8.0	6.3	7.0	7.0	4.3	7.3	5.9
TITANIUM LS (MVS-BB-1)	6.0	5.3	3.3	6.7	5.7	3.7	7.0	6.3	6.3	7.7	3.7	8.7	5.9
CEZANNE RZ (LTP-CRL)	6.3	6.3	4.7	6.0	6.3	4.0	5.7	4.3	6.7	7.3	5.0	7.7	5.9
LINDBERGH	5.7	5.7	5.0	6.0	6.0	3.7	6.7	5.3	6.7	8.0	4.0	7.7	5.9
MUSTANG 4 (M4)	6.3	6.0	4.7	6.0	5.3	4.0	5.3	6.0	6.7	8.0	4.0	8.0	5.9
AST9001 (AST-3)	5.7	5.7	6.0	6.0	5.7	5.0	4.7	4.7	6.3	8.0	4.0	8.3	5.8
COMPETE (LS-06)	6.3	6.3	4.7	5.3	5.7	4.7	4.7	5.0	7.0	8.0	4.0	8.3	5.8
HONKY TONK (RAD-TF17)	5.7	6.7	6.7	6.0	6.7	3.0	3.3	6.0	7.0	7.7	2.7	8.7	5.8
J-130	6.0	6.3	5.0	6.0	6.0	5.0	4.3	4.7	7.0	8.0	3.7	8.0	5.8
J-140	6.3	6.7	4.7	6.0	6.0	3.3	4.3	6.0	7.0	7.3	4.0	8.3	5.8
SR 8650 (STR-8LMM)	6.0	4.3	4.0	6.0	6.3	4.7	6.0	3.7	7.3	8.0	5.0	8.7	5.8
STR-8BB5	6.0	3.7	6.0	6.0	6.3	5.0	5.0	5.3	6.3	8.0	3.3	9.0	5.8
FINELAWN XPRESS (RP 2)	6.3	5.0	3.7	6.0	5.7	3.7	5.0	7.0	7.0	7.7	4.0	8.7	5.8
GE-1	6.0	4.7	5.0	6.0	6.7	4.3	5.3	5.7	6.7	7.3	4.3	7.7	5.8
HUNTER	5.7	6.7	6.0	5.7	5.7	3.7	4.0	4.3	6.7	8.0	4.7	8.7	5.8
KZ-1	6.3	6.0	4.0	5.7	6.3	4.7	4.3	4.3	6.7	7.7	5.3	8.3	5.8
PEDIGREE (ATF-1199)	6.3	6.0	4.7	6.0	5.7	3.7	5.3	5.7	6.3	7.7	3.3	9.0	5.8
PSG-TTRH	6.3	6.3	5.0	5.7	4.0	4.7	5.3	5.3	6.0	8.0	4.0	8.7	5.8
SHENANDOAH ELITE (RK 6)	7.0	5.7	4.3	6.0	5.7	4.3	4.0	6.3	7.0	7.7	3.3	8.0	5.8
STETSON II (NA-SS)	6.3	5.7	5.3	6.0	4.3	4.3	5.7	5.7	5.7	8.0	4.0	8.3	5.8
ESSENTIAL (IS-TF-154)	6.3	3.7	5.0	6.0	6.7	3.7	6.0	5.7	7.0	7.7	2.7	8.7	5.8
MAGELLAN	5.7	5.3	4.7	6.0	6.3	4.0	5.3	5.0	6.7	7.7	4.0	8.3	5.8
PLATO	6.0	6.0	3.7	6.0	5.7	3.7	6.3	5.0	6.7	7.0	5.0	8.0	5.8
TULSA TIME (TULSA III)	6.3	5.0	6.7	6.0	5.7	3.7	5.0	4.3	6.3	8.0	3.0	9.0	5.8
BILTMORE	6.0	5.3	4.0	5.7	6.0	4.0	6.3	4.3	6.7	8.0	4.3	8.0	5.7
AST 7001	5.7	6.3	3.7	5.7	6.7	5.0	4.7	3.7	7.0	8.0	4.0	8.3	5.7
COL-1	6.0	5.3	3.7	6.0	6.0	4.3	4.0	5.0	6.7	8.0	4.7	9.0	5.7
BGR-TF1	6.0	5.3	5.3	5.3	5.7	4.0	4.7	5.3	6.3	8.0	3.7	8.7	5.7
GAZELLE II (PST-5HP)	6.7	5.7	4.3	6.3	5.0	4.0	5.7	4.7	7.0	8.0	2.3	8.7	5.7
JT-42	6.0	6.3	5.0	6.0	6.3	4.7	5.0	4.0	5.7	7.7	3.3	8.3	5.7
SKYLINE	6.3	5.7	4.7	6.0	6.0	4.3	3.7	4.3	6.7	8.0	3.7	9.0	5.7

TABLE 15. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
 2009 DATA

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

NAME	IA1	IL1	MN1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	WI1	MEAN
TURBO RZ (BURL-TF8)	6.0	6.0	4.3	6.0	6.0	4.3	5.3	4.3	6.7	7.7	3.0	8.7	5.7
ATF 1328	6.3	6.0	5.3	5.7	5.7	4.0	4.0	4.7	7.3	8.0	3.3	7.7	5.7
CORONA (COL-M)	6.0	6.0	4.7	6.0	5.7	4.3	4.7	4.3	6.7	8.0	3.3	8.3	5.7
PSG-TTST	6.3	6.0	5.3	5.7	5.0	4.0	7.0	3.7	6.7	7.3	3.3	7.7	5.7
REUNION (LS-03)	6.0	6.3	5.3	6.0	6.3	5.0	3.7	4.7	6.3	8.0	2.0	8.3	5.7
06-WALK	6.0	5.7	4.7	5.7	5.3	4.0	6.0	4.3	6.3	7.7	4.0	8.0	5.6
BGR-TF2	6.0	6.7	3.7	6.0	6.3	4.7	4.0	5.0	5.7	8.0	3.3	8.3	5.6
TALLADEGA (RP 3)	6.3	6.0	2.7	6.0	6.7	4.7	4.3	5.0	6.3	8.0	3.7	8.0	5.6
CROSSFIRE 3 (COL-J)	6.0	5.7	5.0	5.7	6.0	3.0	4.3	4.3	6.7	8.0	4.7	8.0	5.6
RENOVATE (LS-11)	6.0	6.3	4.0	5.7	6.0	4.3	3.3	4.0	7.3	8.0	3.7	8.7	5.6
JAMBOREE (IS-TF-128)	6.0	5.7	3.3	6.0	5.7	3.7	4.0	6.0	7.0	8.0	3.3	8.3	5.6
FAT CAT (IS-TF-161)	6.0	6.0	6.0	6.0	5.3	3.3	4.0	5.0	6.0	7.7	3.0	8.3	5.6
JT-36	6.3	6.3	5.3	5.7	5.0	3.3	4.3	4.0	5.7	8.0	4.7	8.0	5.6
TAHOE II	5.7	6.3	4.3	5.3	6.3	3.7	4.3	4.7	6.7	8.0	3.3	7.7	5.5
0312	6.0	5.7	5.0	6.0	5.0	4.0	3.3	4.0	6.7	7.7	3.7	9.0	5.5
KZ-2	5.3	5.7	5.0	5.7	6.3	4.7	4.0	3.3	6.0	8.0	4.0	8.0	5.5
AST7003	6.3	6.7	3.7	5.3	6.3	3.0	5.0	4.3	5.7	8.0	3.7	7.7	5.5
CANNAVARO (DP 50-9440)	6.0	5.0	4.0	5.7	6.0	5.3	4.3	5.7	5.7	7.7	2.3	8.0	5.5
JT-41	6.3	5.0	4.3	5.3	5.3	3.3	5.7	4.7	6.0	8.0	3.3	8.3	5.5
AST9003 (AST-1)	6.7	6.3	2.7	5.3	5.0	4.0	4.7	3.7	6.3	8.0	4.3	8.3	5.4
AST1001 (AST-4)	6.3	6.7	4.0	5.7	5.0	2.3	4.3	4.0	6.3	8.0	4.0	8.3	5.4
IS-TF-159	5.7	5.7	3.7	5.7	6.7	3.7	1.7	4.7	6.7	7.7	4.3	8.7	5.4
JT-45	6.0	5.3	3.3	5.7	4.7	5.0	5.3	4.7	5.7	8.0	3.3	7.7	5.4
JT-33	5.7	5.0	5.3	5.7	4.3	4.3	4.0	4.3	6.3	8.0	2.7	8.7	5.4
PSG-RNDR	6.0	4.7	4.7	5.0	4.0	4.3	3.3	4.3	7.0	8.0	4.3	8.3	5.3
RAPTOR II (MVS-TF-158)	6.0	5.3	3.7	6.0	6.0	3.7	2.3	4.3	5.3	8.0	4.0	8.3	5.3
TOCCOA (IS-TF-151)	6.0	4.7	4.3	5.0	6.0	3.7	2.7	5.0	5.7	8.0	3.3	8.3	5.2
TRIO (IS-TF-152)	6.3	5.0	5.3	5.3	4.7	3.7	2.3	4.3	5.7	8.0	3.0	8.3	5.2
TERRIER (IS-TF-135)	6.3	6.3	3.3	5.3	4.7	3.0	2.3	4.7	6.3	8.0	3.3	8.0	5.1
SIDEWINDER (IS-TF-138)	6.0	4.3	5.0	5.7	5.3	3.3	1.0	5.7	6.7	8.0	2.3	8.3	5.1
LSD VALUE	1.0	1.9	2.3	0.6	1.8	2.0	2.0	1.7	1.0	0.5	1.7	1.1	0.5
C.V. (%)	9.7	20.1	30.0	6.5	18.4	30.2	24.3	19.3	9.6	4.2	27.8	8.4	16.7

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

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

TABLE 16.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	PA1	RI1	TN1	TX1	UT1	WA3	WI1	MEAN
COCHISE IV (RKCL)	6.3	7.3	5.7	7.3	6.3	6.3	6.7	7.0	7.3	8.0	6.7	4.0	7.0	6.0	5.3	8.0	6.6
CANNAVARO (DP 50-9440)	6.3	7.3	5.0	8.7	6.0	6.0	7.0	7.0	7.3	8.0	7.3	4.3	7.3	6.0	4.7	7.0	6.6
LS 1200 (SC-1)	6.7	7.7	4.7	7.7	7.0	5.3	6.7	7.0	6.7	7.3	7.3	4.3	6.7	6.7	5.3	8.0	6.6
FIRECRACKER LS (MVS-MST)	6.3	7.0	5.7	7.3	6.3	5.3	7.0	6.7	8.0	8.0	6.7	4.3	6.3	6.0	5.0	8.3	6.5
ESSENTIAL (IS-TF-154)	7.0	7.3	5.3	7.3	5.3	6.0	6.7	6.7	8.0	8.3	6.3	4.0	6.3	6.0	4.7	8.7	6.5
FALCON V (ATM)	6.7	7.7	5.3	8.0	6.3	6.3	7.0	6.7	7.7	7.0	6.3	4.3	6.3	6.0	4.7	7.7	6.5
RK 5	6.3	7.3	5.7	8.0	6.3	7.0	6.0	6.7	7.3	8.0	6.3	4.0	6.3	5.3	4.7	8.0	6.5
MONET (LTP-610 CL)	6.7	7.7	5.3	8.0	6.0	5.3	6.3	7.0	7.3	7.3	6.7	4.3	6.3	6.0	4.3	7.3	6.4
SHENANDOAH III (SH 3)	5.7	7.0	5.0	7.3	6.7	5.7	7.0	6.7	7.3	7.3	6.7	4.3	6.3	6.7	5.0	6.7	6.3
BULLSEYE	6.3	7.0	4.7	7.3	5.7	6.7	7.0	6.7	7.3	7.0	7.0	4.0	6.0	6.0	4.3	8.3	6.3
JAMBOREE (IS-TF-128)	5.7	7.0	4.7	7.3	5.7	5.7	6.3	6.7	7.7	7.0	7.3	5.0	6.3	6.3	4.0	8.3	6.3
RK 4	6.3	6.7	5.3	6.7	5.7	6.0	7.0	6.7	7.0	7.0	6.3	4.3	6.7	6.0	5.0	7.7	6.3
VAN GOGH (LTP-RK2)	5.3	7.0	5.7	7.0	5.7	6.0	6.7	6.7	7.0	7.0	6.3	4.7	6.3	6.3	5.0	7.7	6.3
CATELYST (NA-BT-1)	4.7	7.7	4.7	7.3	5.7	4.7	7.3	6.7	7.7	7.0	5.3	4.3	7.0	6.7	4.7	8.0	6.2
FAITH (K06-WA)	6.7	7.0	5.7	6.7	6.0	6.0	6.0	7.0	6.3	7.0	6.3	4.3	6.3	6.0	4.7	7.0	6.2
SHENANDOAH ELITE (RK 6)	5.3	7.3	5.0	7.7	5.7	5.3	6.3	6.7	6.7	7.3	6.3	4.3	6.3	5.3	5.0	8.3	6.2
SIDEWINDER (IS-TF-138)	4.3	6.7	6.0	7.0	6.0	5.7	6.7	6.7	6.7	7.0	6.3	4.3	6.3	6.7	4.7	7.7	6.2
RHAMBLER SRP (RHAMBLER)	4.0	6.7	5.3	7.3	6.0	5.0	6.7	6.7	7.3	7.7	7.0	4.3	6.7	5.7	5.0	7.0	6.1
TURBO	5.7	6.7	5.0	7.3	5.7	6.0	6.3	6.7	6.3	7.3	6.7	4.0	6.3	5.3	4.7	8.3	6.1
FINELAWN XPRESS (RP 2)	6.0	7.0	6.0	7.3	6.0	5.0	6.3	6.7	7.0	7.3	6.0	4.0	6.7	6.0	4.7	6.0	6.1
TRAVERSE SRP (RK-1)	4.7	7.3	5.3	7.3	6.0	5.0	7.0	6.7	6.7	6.7	6.7	4.3	6.3	6.3	4.7	7.0	6.1
MUSTANG 4 (M4)	6.3	7.0	4.7	7.0	6.0	4.7	7.0	6.7	6.3	7.3	5.7	4.7	6.3	6.0	4.0	8.0	6.1
WOLFPACK II (PST-5WMB)	4.3	7.3	5.0	6.7	5.7	5.7	6.0	6.7	7.7	7.3	6.7	4.0	6.3	6.0	4.7	7.7	6.1
3RD MILLENNIUM SRP	4.7	7.0	5.7	7.3	5.0	5.7	6.3	6.7	7.0	6.7	6.3	4.7	6.0	6.3	4.0	7.7	6.1
HEMI	5.0	6.7	5.3	7.0	5.0	6.0	6.3	6.7	7.0	7.7	6.7	5.0	6.0	6.0	4.3	6.0	6.0
FAT CAT (IS-TF-161)	5.7	6.3	5.3	7.7	5.0	5.7	6.7	6.7	7.0	6.7	5.7	4.3	6.7	6.0	3.7	7.3	6.0
TERRIER (IS-TF-135)	5.7	7.3	5.0	7.7	5.3	5.0	6.0	6.7	6.7	6.0	6.7	5.0	6.0	6.0	3.3	8.0	6.0
IS-TF-159	4.3	7.0	4.7	7.3	6.0	5.0	6.3	6.7	7.3	7.7	6.0	4.3	6.3	6.0	4.0	7.3	6.0
ROCKET (IS-TF-147)	4.7	6.3	5.0	7.3	5.0	6.3	7.0	6.7	7.0	6.0	6.7	4.7	6.7	5.7	3.7	7.3	6.0
SPEEDWAY (STR-8BPDx)	5.3	7.0	5.7	7.0	5.7	5.7	5.7	6.7	7.3	7.0	5.7	4.7	6.0	5.7	4.3	6.7	6.0
CORONA (COL-M)	5.7	6.7	5.7	7.3	5.0	6.3	6.0	6.7	6.0	6.7	5.0	5.0	6.0	5.3	4.7	7.7	6.0
FIRENZA	3.7	7.3	5.3	7.0	6.0	6.3	7.0	6.7	6.3	6.3	5.3	4.3	6.0	5.7	4.7	7.7	6.0
STR-8BB5	4.0	6.7	6.0	7.0	5.0	6.0	6.3	6.7	7.3	6.7	6.0	5.0	5.7	6.0	4.3	7.0	6.0
GARRISON (IS-TF-153)	4.3	6.7	5.3	6.7	5.3	5.0	6.7	6.7	6.7	8.0	6.0	4.3	5.7	6.0	4.3	7.7	6.0
TRIO (IS-TF-152)	5.7	6.7	5.0	7.0	5.0	6.3	6.0	7.0	6.3	6.3	6.0	4.0	6.3	5.7	4.0	7.7	5.9
TOCCOA (IS-TF-151)	3.7	6.3	5.0	7.0	5.7	5.3	6.3	6.7	6.7	6.7	7.0	4.7	6.0	6.0	3.7	8.3	5.9
GREENBROOKS (TG 50-9460)	4.3	6.0	5.7	7.0	5.3	5.3	5.7	6.7	6.7	7.7	6.7	4.7	6.0	6.0	4.3	7.0	5.9
GAZELLE II (PST-5HP)	3.7	6.7	5.7	7.0	5.0	5.3	6.3	6.7	7.7	6.3	5.7	5.0	6.0	6.0	4.3	7.0	5.9
SPYDER LS (Z-2000)	3.3	6.7	5.3	7.0	5.0	5.3	6.7	6.7	6.7	7.0	6.0	4.7	5.7	6.0	4.3	7.7	5.9
RAPTOR II (MVS-TF-158)	4.3	6.7	4.3	7.3	5.3	6.0	6.7	6.7	7.0	6.0	6.0	4.0	6.3	6.0	3.7	7.3	5.9
TALLADEGA (RP 3)	5.3	7.0	5.3	7.0	5.7	4.7	6.3	6.7	6.3	6.7	6.0	4.3	6.3	5.3	3.7	7.0	5.9

TABLE 16. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	PA1	RI1	TN1	TX1	UT1	WA3	WI1	MEAN
J-140	4.3	6.3	5.7	7.0	5.7	5.3	6.3	6.7	7.0	7.0	5.3	4.7	7.0	6.0	3.7	5.3	5.8
CEZANNE RZ (LTP-CRL)	5.3	6.0	5.3	6.7	5.0	6.0	6.3	6.7	6.7	6.3	5.0	4.7	6.3	5.3	4.0	7.7	5.8
JT-41	5.7	7.0	5.3	6.7	5.0	6.0	6.7	6.7	5.3	6.3	5.0	4.3	6.0	6.0	4.3	7.0	5.8
TULSA TIME (TULSA III)	4.0	6.7	5.7	7.0	5.7	6.0	6.3	6.7	6.7	6.7	6.0	4.7	6.3	5.3	3.3	6.3	5.8
FALCON NG (CE 1)	3.7	7.0	5.3	7.0	5.0	5.3	6.3	6.7	7.0	6.3	5.7	4.3	6.0	6.0	4.3	6.7	5.8
TITANIUM LS (MVS-BB-1)	3.7	6.7	5.7	7.0	5.3	5.0	7.0	6.7	7.0	7.3	5.3	4.7	6.0	6.0	3.7	5.7	5.8
PSG-82BR	5.3	6.0	5.0	6.7	5.3	5.7	6.0	6.7	6.3	6.3	6.0	4.3	6.3	5.0	4.3	7.0	5.8
STR-8GRQR	4.7	6.7	5.0	6.3	5.3	5.3	6.3	6.7	6.0	6.7	6.0	4.3	6.0	5.7	4.0	6.7	5.7
UMBRELLA (DP 50-9411)	4.3	5.7	6.0	6.7	4.7	5.0	6.0	6.7	6.7	6.0	6.7	4.7	6.0	5.7	4.0	7.0	5.7
PSG-85QR	4.3	6.7	5.0	7.0	5.3	4.7	6.0	6.7	6.7	7.3	5.3	4.7	6.0	5.7	4.0	6.0	5.7
AST9001 (AST-3)	3.7	5.7	5.7	7.0	4.7	6.3	6.3	6.7	6.7	6.7	5.3	4.3	6.3	5.7	3.7	6.7	5.7
COMPETE (LS-06)	3.3	6.7	5.3	7.0	4.7	6.0	6.3	6.7	7.0	6.3	5.7	4.3	6.0	6.0	4.0	6.0	5.7
HUDSON (DKS)	3.7	6.3	6.0	7.0	4.7	6.0	5.7	6.7	6.7	6.3	5.3	5.0	6.0	6.0	3.7	6.3	5.7
ATF 1328	5.0	6.0	5.3	7.0	5.0	6.0	6.7	6.7	6.0	5.7	6.0	5.0	5.7	6.0	3.3	6.0	5.7
BGR-TF2	4.0	6.7	5.7	6.7	5.3	5.3	6.0	6.7	7.0	5.7	5.3	4.7	5.7	6.0	3.7	6.7	5.7
J-130	4.3	6.3	5.3	7.0	4.7	5.3	6.0	6.7	6.7	6.3	5.0	4.3	6.0	6.0	4.0	7.0	5.7
JT-33	5.3	6.0	5.0	7.0	5.3	6.0	6.0	6.7	6.3	5.7	4.3	4.7	5.7	6.0	3.7	7.3	5.7
SR 8650 (STR-8LMM)	3.0	6.7	5.7	7.3	4.7	4.7	6.7	6.7	6.7	6.7	6.0	4.7	6.0	5.7	4.0	6.0	5.7
COL-1	4.0	6.3	5.0	6.7	5.0	5.3	7.0	6.7	6.0	6.0	4.3	4.7	5.7	6.7	3.7	7.7	5.7
BGR-TF1	4.3	6.0	5.3	7.0	5.0	6.0	6.0	6.7	6.3	5.7	5.3	5.0	5.7	6.0	4.7	5.7	5.7
BRAVEHEART (DP 50-9407)	4.3	6.3	4.3	6.3	5.7	4.7	5.7	6.7	7.0	6.7	6.3	4.7	6.3	5.0	4.0	6.7	5.7
JT-36	3.3	6.3	6.0	7.0	4.7	5.7	6.3	6.7	5.3	6.0	5.7	5.0	6.0	6.0	4.0	6.7	5.7
KZ-1	4.7	6.7	5.3	7.0	4.3	5.3	6.3	6.3	6.3	6.0	5.0	4.7	6.0	6.0	3.7	6.7	5.6
AST9002 (AST-2)	3.0	7.0	5.7	7.0	5.0	5.7	6.7	6.7	6.0	6.0	5.3	5.0	6.0	5.7	4.0	5.7	5.6
O312	4.0	6.7	5.0	7.0	5.3	6.0	6.0	6.7	5.3	6.0	5.3	4.3	5.7	6.3	3.3	7.0	5.6
AST9003 (AST-1)	4.3	6.0	5.3	7.0	5.3	4.7	6.0	6.3	5.7	6.7	5.0	4.7	6.3	6.0	3.7	7.0	5.6
JT-45	4.0	6.7	5.0	7.0	5.0	4.7	6.3	6.7	6.7	6.0	5.3	4.7	6.0	6.0	3.7	6.3	5.6
CROSSFIRE 3 (COL-J)	4.7	6.3	4.7	7.0	5.0	5.7	6.7	6.7	5.3	6.3	4.7	4.3	6.3	6.0	3.0	7.3	5.6
ESCALADE	4.0	6.0	4.7	6.7	5.3	5.0	6.0	6.7	5.7	6.7	5.0	4.7	6.0	6.0	4.3	7.0	5.6
MVS-1107	4.0	6.7	6.0	6.7	5.3	5.0	5.7	6.7	6.7	6.0	4.7	4.3	6.0	6.0	3.7	6.3	5.6
RNP	3.3	6.3	5.3	7.0	4.3	6.7	6.0	6.7	6.7	5.7	4.0	4.7	6.3	6.0	3.7	7.0	5.6
JT-42	4.0	6.3	5.0	7.0	4.7	5.7	6.0	6.7	6.3	6.0	6.0	4.7	5.7	5.7	3.7	6.0	5.6
MVS-341	3.7	6.3	6.0	6.7	4.7	5.0	6.0	6.7	6.3	7.0	5.0	5.0	6.3	5.3	3.7	5.7	5.6
AST1001 (AST-4)	3.7	6.0	5.7	7.0	5.0	6.0	6.0	6.7	5.7	6.0	5.3	4.3	6.3	6.3	3.7	5.7	5.6
GWTF	3.7	6.0	5.7	7.0	5.0	5.3	6.0	6.7	6.7	5.7	5.3	4.3	6.0	6.3	3.7	6.0	5.6
RENOVATE (LS-11)	4.7	6.0	4.7	6.7	5.3	5.3	6.0	6.7	6.3	6.3	4.7	4.3	6.0	5.7	4.0	6.3	5.6
REUNION (LS-03)	3.3	6.0	5.0	6.7	5.7	6.0	6.0	6.7	6.7	6.0	5.0	4.3	6.0	6.0	3.7	5.7	5.5
BAR FA 6253	3.0	6.3	6.0	7.0	4.7	5.0	6.3	6.7	6.0	6.3	6.3	4.3	5.7	5.3	3.7	5.7	5.5
AST7003	3.0	5.7	4.7	7.0	5.3	5.7	5.7	6.7	6.7	6.3	4.3	5.0	6.3	6.0	4.0	6.0	5.5
DARLINGTON (CS-TF1)	2.3	6.3	5.7	7.0	4.3	5.7	6.0	6.7	6.3	6.0	5.0	4.7	6.3	6.3	3.7	6.0	5.5
REBEL IV	3.3	6.3	5.7	6.7	5.3	5.3	6.0	6.7	6.7	6.0	5.0	4.7	6.0	5.0	3.7	5.7	5.5
PEDIGREE (ATF-1199)	3.0	6.3	5.7	7.0	5.3	5.0	5.7	6.7	6.0	6.3	4.3	5.0	6.0	5.3	4.0	6.3	5.5

TABLE 16. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	PA1	RI1	TN1	TX1	UT1	WA3	WI1	MEAN
O6-DUST	3.3	6.0	5.7	6.7	5.3	5.3	6.0	6.7	6.3	6.3	5.0	4.3	6.0	6.0	2.7	6.0	5.5
FALCON IV	3.3	6.3	5.3	6.3	4.7	6.0	6.7	6.7	6.3	6.0	4.0	4.7	5.7	5.7	4.3	5.7	5.5
TURBO RZ (BURL-TF8)	3.0	6.7	5.3	6.3	5.3	6.0	6.0	6.7	6.0	6.7	5.3	5.0	5.7	5.0	3.0	5.7	5.5
JUSTICE	4.3	5.7	5.0	7.0	5.3	4.7	5.7	6.7	7.0	6.0	5.0	4.7	6.0	5.3	4.0	5.3	5.5
AST 7002	3.3	6.7	5.7	6.7	4.3	5.0	6.0	6.7	6.7	5.7	4.7	4.7	6.0	5.7	3.0	6.7	5.5
AST 7001	3.3	6.0	5.0	6.7	5.0	5.0	6.0	6.7	6.3	6.0	4.7	4.7	5.7	6.0	3.7	6.3	5.4
HUNTER	4.3	6.0	4.7	7.0	5.0	5.0	6.0	6.7	6.7	5.7	4.3	4.7	6.0	6.0	3.0	6.0	5.4
HONKY TONK (RAD-TF17)	3.0	6.3	5.0	7.0	5.3	5.7	5.7	6.7	6.3	6.0	5.3	4.7	5.7	5.3	3.3	5.3	5.4
GE-1	3.7	6.3	5.0	6.0	4.7	4.0	6.0	6.7	6.7	5.7	5.3	4.7	6.3	6.0	3.3	5.7	5.4
NINJA 3 (ATF 1247)	3.3	6.0	5.7	6.3	4.3	5.3	5.3	6.7	5.7	5.7	5.7	4.3	5.3	6.0	3.7	6.3	5.4
STETSON II (NA-SS)	3.3	5.7	5.7	6.7	5.0	5.0	6.7	6.3	4.7	5.7	5.3	4.7	5.7	5.7	3.7	5.7	5.3
SKYLINE	4.0	6.3	4.7	4.3	4.7	4.7	6.0	6.7	6.7	6.0	4.7	4.7	6.3	5.3	4.0	6.3	5.3
PSG-TTRH	3.7	6.7	5.0	7.0	4.7	5.3	6.3	6.3	5.3	6.0	4.7	4.0	5.7	5.7	4.0	4.7	5.3
KZ-2	2.7	6.3	5.3	6.7	5.0	5.0	5.7	6.7	6.7	6.0	5.3	4.7	6.0	6.0	2.7	4.3	5.3
PADRE	4.0	5.7	5.7	6.7	4.0	5.7	6.0	6.7	5.0	6.7	4.7	4.7	5.7	4.3	3.3	6.0	5.3
MAGELLAN	3.7	5.7	5.0	6.7	4.3	5.0	5.7	6.7	5.7	5.7	5.0	4.7	5.7	5.3	3.3	5.3	5.2
O6-WALK	3.7	5.7	5.3	6.0	5.0	4.7	6.0	6.3	5.0	6.3	4.3	4.7	5.7	5.0	3.7	5.3	5.2
PSG-RNDR	3.0	6.0	5.0	6.3	4.3	5.0	6.0	6.7	5.0	6.0	3.7	4.7	6.3	5.3	3.3	6.0	5.2
EINSTEIN	2.7	6.0	5.0	6.3	4.7	4.3	5.7	6.3	6.0	5.7	4.3	5.0	5.7	5.3	3.3	6.0	5.1
LINDBERGH	3.3	5.3	6.0	6.3	4.7	5.0	5.7	6.3	5.3	6.0	5.0	4.7	6.0	4.7	2.7	5.0	5.1
TAHOE II	4.3	6.0	5.0	6.7	4.3	4.7	5.3	6.7	6.0	5.7	4.0	5.0	6.0	4.7	3.7	4.0	5.1
REMBRANDT	3.0	6.0	5.3	6.0	4.3	5.0	6.0	6.7	6.3	5.7	4.3	5.0	5.3	4.3	3.3	5.0	5.1
PLATO	4.3	5.3	5.3	6.0	5.3	4.0	5.3	6.3	4.7	6.0	4.0	4.7	6.0	5.7	3.7	4.7	5.1
PSG-1TST	4.0	5.7	5.7	6.0	5.0	4.3	5.3	6.7	5.7	5.0	4.7	5.0	6.0	4.3	3.0	4.7	5.1
GO-1BFD	2.0	6.3	5.0	6.0	5.3	4.0	5.3	6.7	6.0	6.0	4.7	5.0	6.0	5.0	3.3	4.0	5.0
BAR FA 6363	2.7	6.3	5.3	6.3	4.0	5.3	6.0	6.3	5.0	4.7	5.0	4.7	5.7	4.7	3.3	5.0	5.0
BILTMORE	1.3	6.3	5.3	6.7	4.3	5.0	5.3	6.7	5.0	5.7	4.3	4.7	5.7	5.0	3.0	5.0	5.0
ARISTOTLE	1.7	5.0	5.7	6.3	4.0	4.3	5.7	6.7	4.7	5.0	4.3	4.7	5.3	5.3	3.0	5.3	4.8
SILVERADO	2.3	5.0	5.3	5.3	3.7	3.0	5.0	5.7	5.0	4.3	4.0	4.3	5.7	4.0	3.0	4.7	4.4
KY-31	2.3	4.0	2.7	3.3	3.0	1.0	3.0	4.3	3.0	1.0	2.0	7.3	4.0	2.0	1.0	1.0	2.8
LSD VALUE	2.1	1.0	1.1	0.9	0.9	1.4	0.9	0.9	1.3	1.2	1.3	0.8	0.8	0.9	1.2	2.1	0.3
C.V. (%)	30.0	9.3	13.3	8.6	11.4	16.1	9.5	8.5	12.4	11.2	15.1	10.8	8.6	10.0	18.8	20.3	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 17.

 SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
 2009 DATA

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

NAME	NE1	TX1	MEAN	NAME	NE1	TX1	MEAN
FAITH (K06-WA)	5.3	8.3	6.8	IS-TF-159	5.3	6.7	6.0
RK 5	6.3	7.3	6.8	JT-42	5.3	6.7	6.0
MONET (LTP-610 CL)	6.3	7.0	6.7	JT-45	5.3	6.7	6.0
SPYDER LS (Z-2000)	6.0	7.3	6.7	MAGELLAN	6.0	6.0	6.0
CANNAVARO (DP 50-9440)	5.7	7.3	6.5	MUSTANG 4 (M4)	5.0	7.0	6.0
CORONA (COL-M)	6.0	7.0	6.5	MVS-341	5.3	6.7	6.0
PSG-82BR	5.3	7.7	6.5	NINJA 3 (ATF 1247)	5.7	6.3	6.0
RHAMBLER SRP (RHAMBLER)	5.7	7.3	6.5	PSG-RNDR	5.3	6.7	6.0
ROCKET (IS-TF-147)	5.3	7.7	6.5	RENOVATE (LS-11)	5.3	6.7	6.0
STR-8BB5	5.7	7.3	6.5	REUNION (LS-03)	5.3	6.7	6.0
FALCON V (ATM)	5.7	7.0	6.3	SHENANDOAH III (SH 3)	5.0	7.0	6.0
AST9002 (AST-2)	5.7	6.7	6.2	SIDEWINDER (IS-TF-138)	5.0	7.0	6.0
BRAVEHEART (DP 50-9407)	5.7	6.7	6.2	TAHOE II	5.3	6.7	6.0
LS 1200 (SC-1)	4.7	7.7	6.2	TALLADEGA (RP 3)	5.0	7.0	6.0
MVS-1107	5.7	6.7	6.2	TITANIUM LS (MVS-BB-1)	5.3	6.7	6.0
PSG-TTRH	5.7	6.7	6.2	AST 7002	5.7	6.0	5.8
SHENANDOAH ELITE (RK 6)	4.7	7.7	6.2	AST9001 (AST-3)	5.0	6.7	5.8
UMBRELLA (DP 50-9411)	5.7	6.7	6.2	ATF 1328	5.0	6.7	5.8
BAR FA 6363	5.0	7.3	6.2	CROSSFIRE 3 (COL-J)	5.7	6.0	5.8
CATELYST (NA-BT-1)	5.0	7.3	6.2	ESCALADE	4.7	7.0	5.8
FIRECRACKER LS (MVS-MST)	5.3	7.0	6.2	ESSENTIAL (IS-TF-154)	5.0	6.7	5.8
HEMI	6.0	6.3	6.2	FALCON NG (CE 1)	5.0	6.7	5.8
KZ-1	6.0	6.3	6.2	GAZELLE II (PST-5HP)	5.0	6.7	5.8
RAPTOR II (MVS-TF-158)	5.3	7.0	6.2	GE-1	5.0	6.7	5.8
RK 4	5.3	7.0	6.2	JT-33	5.7	6.0	5.8
SPEEDWAY (STR-8BPDx)	5.3	7.0	6.2	REBEL IV	6.0	5.7	5.8
TERRIER (IS-TF-135)	5.3	7.0	6.2	STETSON II (NA-SS)	5.0	6.7	5.8
TRAVERSE SRP (RK-1)	5.3	7.0	6.2	TRIO (IS-TF-152)	4.7	7.0	5.8
TULSA TIME (TULSA III)	5.3	7.0	6.2	AST9003 (AST-1)	5.3	6.3	5.8
TURBO	5.3	7.0	6.2	LINDBERGH	5.3	6.3	5.8
VAN GOGH (LTP-RK2)	5.0	7.3	6.2	STR-8GRQR	5.3	6.3	5.8
WOLFPACK II (PST-5WMB)	5.3	7.0	6.2	FINELAWN XPRESS (RP 2)	4.7	6.7	5.7
0312	5.3	6.7	6.0	JAMBOREE (IS-TF-128)	4.7	6.7	5.7
06-DUST	5.0	7.0	6.0	SR 8650 (STR-8LMM)	4.7	6.7	5.7
BGR-TF2	5.3	6.7	6.0	BAR FA 6253	5.0	6.3	5.7
BULLSEYE	4.7	7.3	6.0	BGR-TF1	5.0	6.3	5.7
CEZANNE RZ (LTP-CRL)	5.3	6.7	6.0	COCHISE IV (RKCL)	4.3	7.0	5.7
COMPETE (LS-06)	5.7	6.3	6.0	FAT CAT (IS-TF-161)	5.3	6.0	5.7
GO-1BFD	5.7	6.3	6.0	GARRISON (IS-TF-153)	5.0	6.3	5.7
GWTF	5.3	6.7	6.0	HONKY TONK (RAD-TF17)	4.3	7.0	5.7
HUDSON (DKS)	5.3	6.7	6.0	HUNTER	5.3	6.0	5.7
				PADRE	5.3	6.0	5.7

TABLE 17. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	NE1	TX1	MEAN
PSG-85QR	5.0	6.3	5.7
REMBRANDT	5.3	6.0	5.7
06-WALK	5.0	6.0	5.5
3RD MILLENNIUM SRP	4.7	6.3	5.5
ARISTOTLE	5.7	5.3	5.5
COL-1	5.0	6.0	5.5
DARLINGTON (CS-TF1)	5.3	5.7	5.5
EINSTEIN	5.3	5.7	5.5
JUSTICE	5.0	6.0	5.5
KZ-2	4.7	6.3	5.5
PEDIGREE (ATF-1199)	4.7	6.3	5.5
RNP	5.0	6.0	5.5
TOCCOA (IS-TF-151)	4.7	6.3	5.5
TURBO RZ (BURL-TF8)	5.0	6.0	5.5
FALCON IV	4.0	6.7	5.3
GREENBROOKS (TG 50-9460)	4.7	6.0	5.3
J-130	5.0	5.7	5.3
JT-36	4.7	6.0	5.3
JT-41	5.0	5.7	5.3
SILVERADO	5.7	5.0	5.3
SKYLINE	4.7	6.0	5.3
AST 7001	5.3	5.3	5.3
PLATO	5.3	5.3	5.3
AST7003	4.0	6.3	5.2
AST1001 (AST-4)	4.0	6.0	5.0
BILTMORE	5.0	5.0	5.0
KY-31	6.0	4.0	5.0
PSG-TTST	4.7	5.3	5.0
J-140	4.0	5.7	4.8
FIRENZA	4.3	5.3	4.8
LSD VALUE	1.7	1.5	1.1
C.V. (%)	20.6	13.9	17.0

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

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

TABLE 18. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	AR1	IN1	NC1	NE1	TX1	MEAN
CATELYST (NA-BT-1)	6.3	8.3	6.7	7.7	8.3	7.5
CANNAVARO (DP 50-9440)	5.7	7.3	7.0	8.3	8.7	7.4
BRAVEHEART (DP 50-9407)	6.3	7.0	7.3	8.3	7.7	7.3
BULLSEYE	6.3	8.7	7.0	7.0	7.7	7.3
FIRECRACKER LS (MVS-MST)	6.3	7.7	7.3	8.0	7.3	7.3
SHENANDOAH ELITE (RK 6)	6.3	8.0	6.0	8.0	8.3	7.3
FALCON V (ATM)	5.7	8.0	6.3	8.0	8.3	7.3
TURBO	5.7	8.0	6.7	7.7	8.3	7.3
ESSENTIAL (IS-TF-154)	6.3	8.0	7.3	7.3	7.0	7.2
SHENANDOAH III (SH 3)	6.0	6.7	7.3	8.3	7.7	7.2
COCHISE IV (RKCL)	5.7	8.3	6.7	7.0	8.0	7.1
MONET (LTP-610 CL)	5.3	7.7	6.7	8.0	8.0	7.1
RK 5	5.7	6.7	7.3	8.0	8.0	7.1
LS 1200 (SC-1)	5.3	8.3	6.3	8.0	7.7	7.1
TRAVERSE SRP (RK-1)	6.0	7.3	6.3	8.0	8.0	7.1
3RD MILLENNIUM SRP	6.3	7.7	6.0	8.0	7.3	7.1
HEMI	5.7	7.7	6.7	8.0	7.3	7.1
RAPTOR II (MVS-TF-158)	5.7	7.3	7.0	7.7	7.7	7.1
RHAMBLER SRP (RHAMBLER)	6.0	7.7	6.7	7.7	7.3	7.1
SPEEDWAY (STR-8BPDx)	6.3	7.3	6.0	8.0	7.7	7.1
JAMBOREE (IS-TF-128)	6.0	7.7	6.7	6.7	8.0	7.0
RK 4	6.3	7.3	6.3	7.7	7.3	7.0
SIDEWINDER (IS-TF-138)	6.0	7.3	6.0	7.7	8.0	7.0
GREENBROOKS (TG 50-9460)	6.3	7.3	5.3	7.7	8.0	6.9
ROCKET (IS-TF-147)	6.3	6.7	6.7	7.7	7.3	6.9
STR-8BB5	6.0	6.7	6.3	8.3	7.3	6.9
GAZELLE II (PST-5HP)	6.3	6.7	7.0	7.3	7.3	6.9
IS-TF-159	5.7	7.3	6.3	7.3	8.0	6.9
TALLADEGA (RP 3)	6.3	7.0	5.7	8.0	7.7	6.9
TRIO (IS-TF-152)	5.7	7.3	6.0	8.0	7.7	6.9
BGR-TF2	6.3	6.7	6.3	7.7	7.3	6.9
FINELAWN XPRESS (RP 2)	6.0	8.0	6.0	6.7	7.7	6.9
JUSTICE	6.7	6.7	5.7	7.7	7.7	6.9
MUSTANG 4 (M4)	5.7	7.0	5.7	8.0	8.0	6.9
SPYDER LS (Z-2000)	6.3	6.7	6.3	7.3	7.7	6.9
BGR-TF1	6.3	6.7	6.3	8.0	6.7	6.8
COL-1	6.7	6.7	6.0	7.7	7.0	6.8
GWTF	6.0	6.3	7.0	8.0	6.7	6.8
JT-33	6.7	6.0	5.7	8.7	7.0	6.8
JT-42	6.3	6.7	5.7	8.3	7.0	6.8
TERRIER (IS-TF-135)	5.7	6.7	6.3	7.3	8.0	6.8

TABLE 18. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	AR1	IN1	NC1	NE1	TX1	MEAN
TURBO RZ (BURL-TF8)	6.3	7.0	6.0	8.3	6.3	6.8
VAN GOGH (LTP-RK2)	5.7	7.0	6.3	7.3	7.7	6.8
WOLFPACK II (PST-5WMB)	6.3	6.7	6.3	7.3	7.3	6.8
AST 7002	5.7	6.7	6.0	7.7	7.7	6.7
REBEL IV	6.0	6.0	6.7	8.0	7.0	6.7
CEZANNE RZ (LTP-CRL)	6.3	6.0	6.7	7.3	7.3	6.7
COMPETE (LS-06)	6.0	6.3	6.3	7.7	7.3	6.7
J-140	6.0	6.7	6.0	7.3	7.7	6.7
MVS-1107	6.3	6.0	6.0	8.0	7.3	6.7
PSG-82BR	5.7	6.7	5.7	7.3	8.3	6.7
RNP	6.3	6.3	6.7	7.7	6.7	6.7
SR 8650 (STR-8LMM)	5.7	7.3	6.0	7.3	7.3	6.7
TULSA TIME (TULSA III)	6.7	6.3	6.3	7.0	7.3	6.7
AST 7001	6.3	6.3	6.3	7.7	6.7	6.7
AST9001 (AST-3)	6.3	7.0	6.0	7.7	6.3	6.7
FAITH (K06-WA)	6.0	7.0	4.7	7.7	8.0	6.7
HUNTER	6.3	6.7	5.7	7.3	7.3	6.7
MVS-341	6.0	5.7	6.3	7.7	7.7	6.7
TOCCOA (IS-TF-151)	5.7	6.7	5.7	7.7	7.7	6.7
CROSSFIRE 3 (COL-J)	6.0	6.3	6.3	7.7	7.0	6.7
FAT CAT (IS-TF-161)	5.7	6.3	7.0	6.3	8.0	6.7
PEDIGREE (ATF-1199)	6.3	6.3	6.0	7.7	7.0	6.7
0312	6.7	6.3	5.3	7.7	7.0	6.6
AST7003	6.0	6.3	6.0	7.7	7.0	6.6
AST9003 (AST-1)	6.3	6.7	6.0	7.7	6.3	6.6
BAR FA 6363	6.3	5.7	6.3	7.3	7.3	6.6
GARRISON (IS-TF-153)	5.3	7.0	5.3	7.7	7.7	6.6
GE-1	5.7	5.7	6.3	7.7	7.7	6.6
HUDSON (DKS)	6.3	6.7	6.0	7.0	7.0	6.6
PADRE	6.3	7.3	4.7	7.7	7.0	6.6
REUNION (LS-03)	6.0	6.7	6.7	6.7	7.0	6.6
STR-8GRQR	7.0	6.3	4.7	7.7	7.3	6.6
TAHOE II	6.3	6.3	6.3	7.3	6.7	6.6
UMBRELLA (DP 50-9411)	5.7	6.0	6.3	7.7	7.3	6.6
CORONA (COL-M)	5.7	6.7	5.3	7.0	8.0	6.5
JT-36	5.7	6.7	5.0	8.0	7.3	6.5
JT-41	6.7	6.0	4.7	7.7	7.7	6.5
06-DUST	6.0	6.0	6.0	7.0	7.7	6.5
ESCALADE	6.7	6.3	5.0	7.3	7.3	6.5
FALCON IV	5.7	6.3	5.3	7.7	7.7	6.5
JT-45	6.0	6.3	5.7	7.3	7.3	6.5
FALCON NG (CE 1)	5.7	7.0	6.3	7.0	6.3	6.5

TABLE 18. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	AR1	IN1	NC1	NE1	TX1	MEAN
J-130	6.0	5.7	6.0	7.3	7.3	6.5
PSG-85QR	5.7	6.7	6.3	7.7	6.0	6.5
PSG-TTRH	6.7	6.3	5.0	7.7	6.7	6.5
REMBRANDT	5.7	6.0	6.0	8.0	6.7	6.5
TITANIUM LS (MVS-BB-1)	6.3	6.0	5.7	7.3	7.0	6.5
AST9002 (AST-2)	5.7	5.7	5.3	7.7	7.7	6.4
DARLINGTON (CS-TF1)	6.0	6.7	6.0	7.0	6.3	6.4
FIRENZA	5.7	7.0	4.7	7.7	7.0	6.4
GO-1BFD	5.7	6.0	6.0	7.7	6.7	6.4
KZ-1	6.3	5.7	6.0	7.0	7.0	6.4
KZ-2	6.0	6.3	6.0	6.7	7.0	6.4
PSG-RNDR	6.3	5.7	5.0	7.7	7.3	6.4
BAR FA 6253	5.7	6.0	5.0	7.7	7.3	6.3
HONKY TONK (RAD-TF17)	6.0	5.7	6.0	7.7	6.3	6.3
AST1001 (AST-4)	6.0	6.0	6.0	6.3	7.3	6.3
NINJA 3 (ATF 1247)	6.0	6.0	5.3	7.0	7.3	6.3
PSG-TTST	6.3	6.0	5.3	7.7	6.3	6.3
06-WALK	6.0	5.7	4.7	7.7	7.3	6.3
BILTMORE	6.0	6.3	5.3	7.0	6.7	6.3
SKYLINE	6.0	3.7	6.3	8.7	6.7	6.3
EINSTEIN	6.0	5.7	5.0	8.0	6.3	6.2
MAGELLAN	6.3	5.7	5.3	6.7	7.0	6.2
RENOVATE (LS-11)	5.3	6.0	6.0	6.7	7.0	6.2
ATF 1328	6.0	6.0	5.7	6.7	6.3	6.1
STETSON II (NA-SS)	5.7	6.7	4.0	7.3	7.0	6.1
SILVERADO	6.7	5.3	4.7	7.3	6.3	6.1
ARISTOTLE	6.3	5.0	4.3	7.3	6.7	5.9
LINDBERGH	6.3	5.3	4.3	7.7	5.7	5.9
PLATO	6.3	5.7	3.7	7.0	6.3	5.8
KY-31	4.0	3.0	3.0	7.3	4.3	4.3
LSD VALUE	1.3	1.2	1.7	1.5	1.1	0.6
C.V. (%)	13.8	11.0	17.9	12.4	9.8	13.0

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 19. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	NC1	NE1	TX1	MEAN
MONET (LTP-610 CL)	8.3	6.7	8.7	7.9
BULLSEYE	7.7	7.0	8.7	7.8
CANNAVARO (DP 50-9440)	7.7	7.3	8.3	7.8
BRAVEHEART (DP 50-9407)	7.7	7.3	8.0	7.7
LS 1200 (SC-1)	7.7	7.0	8.3	7.7
RK 5	7.3	7.3	8.3	7.7
SHENANDOAH III (SH 3)	7.7	7.0	8.0	7.6
COCHISE IV (RKCL)	7.3	6.7	8.7	7.6
FALCON V (ATM)	7.3	7.0	8.3	7.6
WOLFPACK II (PST-5WMB)	7.3	7.0	8.3	7.6
ESSENTIAL (IS-TF-154)	7.7	6.7	8.0	7.4
RHAMBLER SRP (RHAMBLER)	7.3	6.7	8.3	7.4
STR-8BB5	7.3	7.0	8.0	7.4
CATELYST (NA-BT-1)	7.0	6.7	8.3	7.3
FAT CAT (IS-TF-161)	7.3	6.7	8.0	7.3
FIRECRACKER LS (MVS-MST)	7.3	7.0	7.7	7.3
GAZELLE II (PST-5HP)	7.0	6.7	8.3	7.3
HEMI	7.0	7.3	7.7	7.3
IS-TF-159	7.0	7.0	8.0	7.3
SKYLINE	7.3	7.0	7.7	7.3
SPYDER LS (Z-2000)	7.0	6.7	8.3	7.3
UMBRELLA (DP 50-9411)	7.0	7.3	7.7	7.3
VAN GOGH (LTP-RK2)	7.0	6.7	8.3	7.3
FALCON NG (CE 1)	7.7	6.0	8.0	7.2
JT-42	7.0	6.7	8.0	7.2
RK 4	7.0	6.7	8.0	7.2
TURBO	6.7	6.7	8.3	7.2
GREENBROOKS (TG 50-9460)	6.3	7.0	8.3	7.2
MUSTANG 4 (M4)	6.3	7.3	8.0	7.2
3RD MILLENNIUM SRP	6.7	6.3	8.3	7.1
GE-1	7.0	6.7	7.7	7.1
JUSTICE	7.0	6.7	7.7	7.1
SHENANDOAH ELITE (RK 6)	6.0	6.7	8.7	7.1
SPEEDWAY (STR-8BPDx)	6.7	6.7	8.0	7.1
TITANIUM LS (MVS-BB-1)	6.3	6.7	8.3	7.1
RAPTOR II (MVS-TF-158)	7.3	6.7	7.3	7.1
REBEL IV	7.0	7.0	7.3	7.1
TRAVERSE SRP (RK-1)	6.3	7.0	8.0	7.1
CEZANNE RZ (LTP-CRL)	7.0	6.7	7.3	7.0
EINSTEIN	6.3	6.7	8.0	7.0
GO-1BFD	6.3	7.0	7.7	7.0

TABLE 19. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	NC1	NE1	TX1	MEAN
J-140	6.3	6.7	8.0	7.0
JAMBOREE (IS-TF-128)	6.7	6.0	8.3	7.0
MVS-341	6.0	7.0	8.0	7.0
PEDIGREE (ATF-1199)	6.3	6.7	8.0	7.0
REMBRANDT	6.7	7.0	7.3	7.0
ROCKET (IS-TF-147)	7.3	6.3	7.3	7.0
SIDEWINDER (IS-TF-138)	6.3	7.0	7.7	7.0
TALLADEGA (RP 3)	6.3	7.0	7.7	7.0
06-DUST	7.0	6.7	7.0	6.9
BGR-TF1	6.7	7.0	7.0	6.9
FAITH (K06-WA)	6.0	7.0	7.7	6.9
JT-33	6.3	6.7	7.7	6.9
JT-45	6.7	6.7	7.3	6.9
TRIO (IS-TF-152)	6.0	6.7	8.0	6.9
BAR FA 6253	6.3	7.0	7.3	6.9
BGR-TF2	7.0	6.3	7.3	6.9
GARRISON (IS-TF-153)	6.3	6.3	8.0	6.9
MVS-1107	6.3	7.0	7.3	6.9
TURBO RZ (BURL-TF8)	6.3	7.3	7.0	6.9
PSG-85QR	6.7	7.0	6.7	6.8
AST 7002	6.3	6.7	7.3	6.8
COL-1	6.0	7.3	7.0	6.8
CORONA (COL-M)	6.0	6.3	8.0	6.8
REUNION (LS-03)	6.7	6.3	7.3	6.8
SR 8650 (STR-8LMM)	7.0	6.3	7.0	6.8
TAHOE II	6.3	6.7	7.3	6.8
TULSA TIME (TULSA III)	7.0	6.3	7.0	6.8
AST9002 (AST-2)	6.3	7.0	6.7	6.7
AST9003 (AST-1)	6.0	7.0	7.0	6.7
BAR FA 6363	6.0	6.7	7.3	6.7
BILTMORE	6.3	6.3	7.3	6.7
ESCALADE	6.0	6.7	7.3	6.7
GWTF	6.7	6.7	6.7	6.7
HUDSON (DKS)	6.0	6.3	7.7	6.7
HUNTER	6.3	6.3	7.3	6.7
JT-41	6.0	7.0	7.0	6.7
MAGELLAN	6.3	6.3	7.3	6.7
RNP	6.3	7.0	6.7	6.7
TERRIER (IS-TF-135)	6.7	6.3	7.0	6.7
06-WALK	5.3	6.7	7.7	6.6
J-130	6.0	6.7	7.0	6.6
PSG-82BR	6.0	6.7	7.0	6.6

TABLE 19. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	NC1	NE1	TX1	MEAN
PSG-TTST	6.0	7.0	6.7	6.6
STR-8GRQR	5.7	6.3	7.7	6.6
AST1001 (AST-4)	6.0	6.3	7.3	6.6
FALCON IV	6.3	6.0	7.3	6.6
FIRENZA	6.0	6.3	7.3	6.6
KZ-1	6.3	6.0	7.3	6.6
TOCCOA (IS-TF-151)	6.3	6.3	7.0	6.6
FINELAWN XPRESS (RP 2)	6.0	5.7	7.7	6.4
NINJA 3 (ATF 1247)	6.0	6.7	6.7	6.4
AST 7001	6.3	6.7	6.3	6.4
ATF 1328	5.3	6.3	7.7	6.4
HONKY TONK (RAD-TF17)	6.7	6.3	6.3	6.4
JT-36	5.7	6.3	7.3	6.4
PLATO	5.3	6.7	7.3	6.4
PSG-RNDR	5.3	6.7	7.3	6.4
AST7003	6.3	6.0	6.7	6.3
DARLINGTON (CS-TF1)	6.0	6.3	6.7	6.3
PSG-TTRH	5.7	6.7	6.7	6.3
SILVERADO	6.0	6.0	7.0	6.3
STETSON II (NA-SS)	5.0	6.7	7.3	6.3
0312	5.7	7.0	6.0	6.2
ARISTOTLE	5.7	6.3	6.7	6.2
AST9001 (AST-3)	6.0	6.7	6.0	6.2
PADRE	5.7	6.3	6.7	6.2
CROSSFIRE 3 (COL-J)	6.0	6.3	6.3	6.2
KZ-2	6.3	6.0	6.3	6.2
LINDBERGH	5.3	6.3	7.0	6.2
RENOVATE (LS-11)	6.3	6.0	6.0	6.1
COMPETE (LS-06)	6.3	6.3	5.3	6.0
KY-31	3.7	7.0	4.3	5.0
LSD VALUE	1.4	1.3	1.4	0.8
C.V. (%)	13.2	12.0	12.1	12.4

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

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

TABLE 20.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	TN1	MEAN	NAME	AR1	TN1	MEAN
VAN GOGH (LTP-RK2)	99.0	97.7	98.3	BULLSEYE	99.0	95.3	97.2
FALCON V (ATM)	99.0	97.3	98.2	ESSENTIAL (IS-TF-154)	99.0	95.3	97.2
FIRECRACKER LS (MVS-MST)	99.0	97.0	98.0	FINELAWN XPRESS (RP 2)	99.0	95.3	97.2
GO-1BFD	99.0	97.0	98.0	GAZELLE II (PST-5HP)	99.0	95.3	97.2
RHAMBLER SRP (RHAMBLER)	99.0	97.0	98.0	HONKY TONK (RAD-TF17)	99.0	95.3	97.2
RK 4	99.0	97.0	98.0	REMBRANDT	99.0	95.3	97.2
CANNAVARO (DP 50-9440)	99.0	96.7	97.8	TULSA TIME (TULSA III)	99.0	95.3	97.2
CEZANNE RZ (LTP-CRL)	99.0	96.7	97.8	0312	99.0	95.0	97.0
GREENBROOKS (TG 50-9460)	99.0	96.7	97.8	3RD MILLENNIUM SRP	99.0	95.0	97.0
HEMI	99.0	96.7	97.8	BRAVEHEART (DP 50-9407)	99.0	95.0	97.0
AST7003	99.0	96.3	97.7	ESCALADE	99.0	95.0	97.0
BGR-TF1	99.0	96.3	97.7	GE-1	99.0	95.0	97.0
CATELYST (NA-BT-1)	99.0	96.3	97.7	JAMBOREE (IS-TF-128)	99.0	95.0	97.0
EINSTEIN	99.0	96.3	97.7	STETSON II (NA-SS)	99.0	95.0	97.0
LS 1200 (SC-1)	99.0	96.3	97.7	STR-8BB5	99.0	95.0	97.0
RK 5	99.0	96.3	97.7	WOLFPACK II (PST-5WMB)	99.0	95.0	97.0
SHENANDOAH III (SH 3)	99.0	96.3	97.7	06-DUST	99.0	94.7	96.8
ATF 1328	99.0	96.0	97.5	ARISTOTLE	99.0	94.7	96.8
COL-1	99.0	96.0	97.5	AST 7002	99.0	94.7	96.8
FAITH (K06-WA)	99.0	96.0	97.5	AST1001 (AST-4)	99.0	94.7	96.8
GARRISON (IS-TF-153)	99.0	96.0	97.5	COCHISE IV (RKCL)	99.0	94.7	96.8
IS-TF-159	99.0	96.0	97.5	FIRENZA	99.0	94.7	96.8
LINDBERGH	99.0	96.0	97.5	HUNTER	99.0	94.7	96.8
MUSTANG 4 (M4)	99.0	96.0	97.5	JT-36	99.0	94.7	96.8
ROCKET (IS-TF-147)	99.0	96.0	97.5	JT-41	99.0	94.7	96.8
SHENANDOAH ELITE (RK 6)	99.0	96.0	97.5	JT-45	99.0	94.7	96.8
SPEEDWAY (STR-8BPD)	99.0	96.0	97.5	PADRE	99.0	94.7	96.8
TURBO	99.0	96.0	97.5	PSG-TTRH	99.0	94.7	96.8
BGR-TF2	99.0	95.7	97.3	SILVERADO	99.0	94.7	96.8
FALCON NG (CE 1)	99.0	95.7	97.3	STR-8GRQR	99.0	94.7	96.8
J-130	99.0	95.7	97.3	NINJA 3 (ATF 1247)	99.0	94.3	96.7
J-140	99.0	95.7	97.3	PEDIGREE (ATF-1199)	99.0	94.3	96.7
MONET (LTP-610 CL)	99.0	95.7	97.3	PSG-82BR	99.0	94.3	96.7
PLATO	99.0	95.7	97.3	RENOVATE (LS-11)	99.0	94.3	96.7
PSG-TTST	99.0	95.7	97.3	UMBRELLA (DP 50-9411)	99.0	94.3	96.7
SIDEWINDER (IS-TF-138)	99.0	95.7	97.3	06-WALK	99.0	94.0	96.5
SKYLINE	99.0	95.7	97.3	AST9003 (AST-1)	99.0	94.0	96.5
SPYDER LS (Z-2000)	99.0	95.7	97.3	BILTMORE	99.0	94.0	96.5
TITANIUM LS (MVS-BB-1)	99.0	95.7	97.3	CORONA (COL-M)	99.0	94.0	96.5
TRAVERSE SRP (RK-1)	99.0	95.7	97.3	HUDSON (DKS)	99.0	94.0	96.5
TRIO (IS-TF-152)	99.0	95.7	97.3	PSG-85QR	99.0	94.0	96.5
BAR FA 6253	99.0	95.3	97.2	SR 8650 (STR-8LMM)	99.0	94.0	96.5

TABLE 20. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	TN1	MEAN
TOCCOA (IS-TF-151)	99.0	94.0	96.5
AST 7001	99.0	93.7	96.3
CROSSFIRE 3 (COL-J)	99.0	93.7	96.3
DARLINGTON (CS-TF1)	99.0	93.7	96.3
FALCON IV	99.0	93.7	96.3
JT-33	99.0	93.7	96.3
KZ-1	99.0	93.7	96.3
MAGELLAN	99.0	93.7	96.3
RAPTOR II (MVS-TF-158)	99.0	93.7	96.3
REUNION (LS-03)	99.0	93.7	96.3
TALLADEGA (RP 3)	99.0	93.7	96.3
TERRIER (IS-TF-135)	99.0	93.7	96.3
TURBO RZ (BURL-TF8)	99.0	93.7	96.3
RNP	98.7	93.7	96.2
AST9001 (AST-3)	99.0	93.3	96.2
BAR FA 6363	99.0	93.3	96.2
FAT CAT (IS-TF-161)	99.0	93.3	96.2
GWTF	99.0	93.3	96.2
JT-42	99.0	93.3	96.2
JUSTICE	99.0	93.3	96.2
KZ-2	99.0	93.3	96.2
MVS-1107	99.0	93.3	96.2
MVS-341	99.0	93.3	96.2
PSG-RNDR	99.0	93.3	96.2
REBEL IV	99.0	93.3	96.2
AST9002 (AST-2)	98.7	93.3	96.0
COMPETE (LS-06)	99.0	93.0	96.0
TAHOE II	99.0	93.0	96.0
KY-31	99.0	87.7	93.3
LSD VALUE	0.1	2.8	1.4
C.V. (%)	0.1	1.8	1.3

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 21. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
MAGELLAN	97.3	95.0	92.0	94.8
RHAMBLER SRP (RHAMBLER)	98.3	95.3	90.7	94.8
SPEEDWAY (STR-8BPDx)	98.0	96.3	89.7	94.7
CORONA (COL-M)	97.7	95.7	90.0	94.4
PSG-82BR	98.0	96.0	89.3	94.4
RK 4	98.0	96.0	88.7	94.2
BRAVEHEART (DP 50-9407)	98.3	95.0	89.3	94.2
MVS-341	97.7	96.7	88.0	94.1
HEMI	97.3	94.7	90.0	94.0
IS-TF-159	97.7	95.7	88.7	94.0
ROCKET (IS-TF-147)	97.7	96.0	88.3	94.0
STR-8BB5	98.0	94.7	89.3	94.0
VAN GOGH (LTP-RK2)	98.3	94.7	89.0	94.0
GO-1BFD	97.0	97.3	87.3	93.9
LS 1200 (SC-1)	98.3	96.0	87.3	93.9
PSG-85QR	98.0	95.3	88.3	93.9
TOCCOA (IS-TF-151)	97.7	95.7	88.0	93.8
WOLFPACK II (PST-5WMB)	97.7	93.0	90.7	93.8
NINJA 3 (ATF 1247)	98.0	96.3	87.0	93.8
CANNAVARO (DP 50-9440)	98.3	95.3	87.3	93.7
FALCON V (ATM)	97.7	93.3	90.0	93.7
HONKY TONK (RAD-TF17)	97.7	91.7	91.7	93.7
LINDBERGH	98.3	95.0	87.7	93.7
TITANIUM LS (MVS-BB-1)	98.0	97.0	86.0	93.7
FIRENZA	98.0	95.7	87.0	93.6
GAZELLE II (PST-5HP)	97.7	93.7	89.3	93.6
MVS-1107	98.0	95.3	87.3	93.6
TURBO	98.0	95.7	86.7	93.4
RAPTOR II (MVS-TF-158)	98.0	96.0	86.3	93.4
BGR-TF2	98.0	95.3	86.7	93.3
GE-1	98.0	93.0	89.0	93.3
KZ-1	97.7	92.0	90.3	93.3
SHENANDOAH III (SH 3)	98.0	94.0	88.0	93.3
UMBRELLA (DP 50-9411)	98.0	94.3	87.7	93.3
CATELYST (NA-BT-1)	97.7	94.0	88.0	93.2
STR-8GRQR	97.7	95.7	86.3	93.2
OG-WALK	97.7	91.0	90.7	93.1
FAT CAT (IS-TF-161)	98.3	96.3	84.7	93.1
PEDIGREE (ATF-1199)	98.0	93.0	88.3	93.1
FALCON IV	98.0	93.7	87.3	93.0
JT-42	97.7	93.7	87.7	93.0
COL-1	98.0	91.7	89.0	92.9

TABLE 21. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
EINSTEIN	97.7	93.3	87.7	92.9
GARRISON (IS-TF-153)	97.7	94.0	87.0	92.9
FAITH (K06-WA)	98.0	90.3	90.3	92.9
PSG-RNDR	98.0	89.7	90.7	92.8
BULLSEYE	98.0	95.0	85.3	92.8
ESSENTIAL (IS-TF-154)	98.0	96.0	84.3	92.8
SKYLINE	97.3	93.3	87.3	92.7
JT-36	97.7	91.3	88.7	92.6
RK 5	97.7	93.7	86.3	92.6
REBEL IV	98.0	94.3	85.3	92.6
BILTMORE	97.3	90.3	89.7	92.4
GREENBROOKS (TG 50-9460)	98.0	95.3	84.0	92.4
REMBRANDT	98.0	92.3	87.0	92.4
ATF 1328	97.7	90.7	88.3	92.2
MONET (LTP-610 CL)	98.3	93.7	84.7	92.2
TAHOE II	97.7	89.3	89.7	92.2
JAMBOREE (IS-TF-128)	97.7	91.7	87.0	92.1
JT-41	98.0	92.7	85.7	92.1
CEZANNE RZ (LTP-CRL)	98.0	91.3	87.0	92.1
TULSA TIME (TULSA III)	97.7	90.0	88.0	91.9
BAR FA 6363	97.7	91.7	86.0	91.8
J-130	98.0	91.0	86.3	91.8
TERRIER (IS-TF-135)	98.0	95.3	82.0	91.8
AST 7001	98.0	89.7	87.3	91.7
KZ-2	97.7	93.3	84.0	91.7
FIRECRACKER LS (MVS-MST)	97.7	96.0	80.7	91.4
RNP	97.7	90.0	86.7	91.4
JT-45	97.3	88.7	88.3	91.4
J-140	97.7	90.7	85.7	91.3
PSG-TTST	97.7	89.3	86.7	91.2
STETSON II (NA-SS)	97.7	92.7	83.3	91.2
DARLINGTON (CS-TF1)	97.3	92.0	84.3	91.2
CROSSFIRE 3 (COL-J)	97.7	91.0	84.7	91.1
Q312	98.0	92.0	83.3	91.1
GWTF	96.7	93.3	83.3	91.1
ARISTOTLE	98.0	90.0	84.7	90.9
SR 8650 (STR-8LMM)	98.0	84.0	90.7	90.9
PLATO	97.7	86.7	88.0	90.8
TRAVERSE SRP (RK-1)	98.7	85.7	88.0	90.8
06-DUST	98.0	85.3	89.0	90.8
FALCON NG (CE 1)	98.0	86.0	88.3	90.8
JUSTICE	97.7	91.7	82.3	90.6

TABLE 21. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
PSG-TTRH	97.7	82.7	91.3	90.6
AST9002 (AST-2)	98.0	89.0	84.3	90.4
HUDSON (DKS)	97.3	89.7	84.3	90.4
AST 7002	98.0	89.7	83.0	90.2
3RD MILLENNIUM SRP	97.7	85.0	87.7	90.1
AST7003	97.7	88.0	83.3	89.7
JT-33	97.0	89.3	82.7	89.7
SILVERADO	97.7	86.3	85.0	89.7
TURBO RZ (BURL-TF8)	98.0	82.3	88.7	89.7
TALLADEGA (RP 3)	97.7	80.0	91.0	89.6
SHENANDOAH ELITE (RK 6)	97.7	81.7	89.0	89.4
ESCALADE	98.0	83.0	87.0	89.3
RENOVATE (LS-11)	97.3	83.3	87.0	89.2
AST9001 (AST-3)	97.7	90.0	79.7	89.1
BGR-TF1	97.3	86.7	82.3	88.8
FINELAWN XPRESS (RP 2)	98.0	80.3	88.0	88.8
MUSTANG 4 (M4)	98.0	83.0	85.3	88.8
COCHISE IV (RKCL)	98.0	81.7	86.3	88.7
HUNTER	98.0	82.0	84.7	88.2
SIDEWINDER (IS-TF-138)	97.0	78.7	89.0	88.2
SPYDER LS (Z-2000)	98.0	78.0	87.3	87.8
KY-31	98.0	78.7	86.3	87.7
REUNION (LS-03)	97.0	81.7	83.7	87.4
AST1001 (AST-4)	97.7	82.7	80.7	87.0
PADRE	98.0	74.7	88.3	87.0
TRIO (IS-TF-152)	97.3	76.0	87.7	87.0
BAR FA 6253	97.3	79.7	83.3	86.8
COMPETE (LS-06)	97.7	68.0	89.0	84.9
AST9003 (AST-1)	97.3	64.3	87.0	82.9
LSD VALUE	0.8	16.2	6.6	5.8
C.V. (%)	0.5	11.1	4.7	6.8

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 (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
LS 1200 (SC-1)	99.0	96.0	96.0	97.0
TURBO	98.7	96.3	95.7	96.9
MONET (LTP-610 CL)	98.7	95.3	96.0	96.7
BULLSEYE	98.7	95.7	95.0	96.4
GE-1	98.7	95.7	95.0	96.4
FIRENZA	99.0	95.3	94.7	96.3
HEMI	98.0	96.0	95.0	96.3
ATF 1328	99.0	96.0	93.7	96.2
J-140	99.0	94.7	94.3	96.0
RK 4	99.0	95.0	94.0	96.0
ROCKET (IS-TF-147)	99.0	94.0	95.0	96.0
TERRIER (IS-TF-135)	99.0	95.7	93.3	96.0
UMBRELLA (DP 50-9411)	98.7	95.7	93.7	96.0
LINDBERGH	99.0	96.0	92.7	95.9
FALCON V (ATM)	99.0	92.7	95.7	95.8
GARRISON (IS-TF-153)	99.0	94.0	94.3	95.8
GREENBROOKS (TG 50-9460)	99.0	93.0	95.3	95.8
IS-TF-159	98.7	94.0	94.3	95.7
RAPTOR II (MVS-TF-158)	99.0	94.3	93.7	95.7
RHAMBLER SRP (RHAMBLER)	99.0	93.0	95.0	95.7
BAR FA 6363	99.0	95.0	92.3	95.4
REMBRANDT	99.0	94.3	93.0	95.4
MVS-1107	99.0	93.7	93.3	95.3
PEDIGREE (ATF-1199)	98.3	95.3	92.3	95.3
FAT CAT (IS-TF-161)	99.0	93.7	93.0	95.2
BRAVEHEART (DP 50-9407)	98.7	92.7	94.0	95.1
ESSENTIAL (IS-TF-154)	98.7	93.0	93.7	95.1
VAN GOGH (LTP-RK2)	98.7	95.3	91.3	95.1
GAZELLE II (PST-5HP)	98.7	91.3	94.7	94.9
HONKY TONK (RAD-TF17)	99.0	91.7	94.0	94.9
SPEEDWAY (STR-8BPDx)	98.3	91.0	95.0	94.8
PSG-85QR	99.0	90.0	94.7	94.6
JT-41	99.0	91.0	93.3	94.4
TOCCOA (IS-TF-151)	99.0	91.0	93.3	94.4
CEZANNE RZ (LTP-CRL)	99.0	89.7	94.3	94.3
JT-36	98.7	91.7	92.7	94.3
3RD MILLENNIUM SRP	99.0	88.7	94.7	94.1
BGR-TF2	99.0	90.7	92.7	94.1
SR 8650 (STR-8LMM)	98.7	87.3	95.7	93.9
STR-8GRQR	98.7	89.0	93.7	93.8
RK 5	98.7	87.3	95.3	93.8
FALCON IV	99.0	87.7	94.0	93.6

TABLE 22. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
AST 7002	99.0	90.0	91.0	93.3
STR-8BB5	99.0	86.7	94.3	93.3
GO-1BFD	98.7	86.3	94.3	93.1
ESCALADE	98.7	87.7	92.7	93.0
REBEL IV	98.7	86.3	93.7	92.9
SKYLINE	99.0	88.3	91.3	92.9
SPYDER LS (Z-2000)	98.7	85.3	94.3	92.8
JT-45	99.0	86.7	92.3	92.7
PLATO	99.0	86.3	92.7	92.7
TRAVERSE SRP (RK-1)	98.3	85.3	94.3	92.7
TULSA TIME (TULSA III)	99.0	85.0	93.7	92.6
CATELYST (NA-BT-1)	98.7	83.0	95.7	92.4
MAGELLAN	98.7	85.7	92.7	92.3
STETSON II (NA-SS)	99.0	85.7	92.0	92.2
EINSTEIN	98.7	84.0	93.7	92.1
MVS-341	99.0	84.3	92.7	92.0
SHENANDOAH III (SH 3)	99.0	82.3	94.7	92.0
FIRECRACKER LS (MVS-MST)	98.0	81.7	95.7	91.8
AST7003	98.7	84.3	92.3	91.8
TAHOE II	98.7	85.3	91.3	91.8
HUDSON (DKS)	99.0	83.7	92.3	91.7
JT-42	99.0	84.7	91.0	91.6
PSG-82BR	99.0	80.3	95.0	91.4
CORONA (COL-M)	99.0	83.0	92.0	91.3
GWTF	98.7	84.7	90.7	91.3
SILVERADO	98.7	83.3	91.3	91.1
06-WALK	99.0	81.3	92.7	91.0
TALLADEGA (RP 3)	98.7	79.0	95.0	90.9
FAITH (K06-WA)	98.3	77.7	96.0	90.7
JAMBOREE (IS-TF-128)	99.0	77.7	95.0	90.6
ARISTOTLE	99.0	79.7	91.3	90.0
BAR FA 6253	98.7	76.3	94.0	89.7
COL-1	99.0	78.3	91.7	89.7
JUSTICE	99.0	77.7	92.3	89.7
AST 7001	99.0	78.0	91.3	89.4
AST9002 (AST-2)	99.0	77.0	92.3	89.4
BILTMORE	98.7	76.3	92.7	89.2
TITANIUM LS (MVS-BB-1)	98.7	73.0	96.0	89.2
NINJA 3 (ATF 1247)	98.7	74.7	94.0	89.1
KY-31	99.0	75.7	91.7	88.8
COCHISE IV (RKCL)	99.0	73.7	93.3	88.7
SIDEWINDER (IS-TF-138)	98.7	73.3	94.0	88.7

TABLE 22. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	NM1	TN1	MEAN
WOLFPACK II (PST-5WMB)	98.7	71.0	95.7	88.4
JT-33	99.0	73.0	92.7	88.2
CANNAVARO (DP 50-9440)	99.0	70.3	95.3	88.2
PSG-TTST	99.0	69.3	94.0	87.4
KZ-1	98.7	71.0	92.3	87.3
RNP	99.0	71.0	92.0	87.3
BGR-TF1	98.7	71.7	91.3	87.2
DARLINGTON (CS-TF1)	99.0	70.7	91.7	87.1
AST9001 (AST-3)	99.0	69.0	93.3	87.1
J-130	99.0	69.7	92.3	87.0
FALCON NG (CE 1)	98.7	68.0	94.0	86.9
TRIO (IS-TF-152)	99.0	67.7	93.7	86.8
PSG-RNDR	98.3	68.7	93.3	86.8
FINELAWN XPRESS (RP 2)	99.0	64.3	95.3	86.2
CROSSFIRE 3 (COL-J)	99.0	67.7	91.0	85.9
TURBO RZ (BURL-TF8)	99.0	62.3	94.3	85.2
AST9003 (AST-1)	98.7	62.7	92.3	84.6
SHENANDOAH ELITE (RK 6)	98.7	59.0	95.3	84.3
RENOVATE (LS-11)	99.0	60.3	92.0	83.8
KZ-2	99.0	62.0	90.3	83.8
PSG-TTRH	99.0	56.3	94.3	83.2
AST1001 (AST-4)	98.3	60.0	91.3	83.2
COMPETE (LS-06)	99.0	59.0	91.3	83.1
MUSTANG 4 (M4)	99.0	53.3	95.7	82.7
REUNION (LS-03)	98.7	57.0	91.3	82.3
06-DUST	98.7	54.7	92.3	81.9
0312	98.7	53.7	92.0	81.4
HUNTER	98.3	51.7	92.0	80.7
PADRE	99.0	42.0	93.3	78.1
LSD VALUE	0.6	35.2	2.4	11.7
C.V. (%)	0.4	26.9	1.6	13.9

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

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

TABLE 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	CA3	MS1	NC1	WA3	MEAN
LS 1200 (SC-1)	8.3	6.7	7.0	5.7	6.9
CATELYST (NA-BT-1)	8.0	6.0	7.0	5.3	6.6
FALCON V (ATM)	7.3	6.3	6.7	5.7	6.5
RK 5	7.7	6.7	6.7	4.7	6.4
TRAVERSE SRP (RK-1)	7.7	6.7	6.3	5.0	6.4
FIRECRACKER LS (MVS-MST)	7.0	6.0	7.3	5.3	6.4
RHAMBLER SRP (RHAMBLER)	8.0	6.0	6.3	5.3	6.4
SR 8650 (STR-8LMM)	7.7	6.0	6.7	5.0	6.3
3RD MILLENNIUM SRP	7.0	6.0	6.0	6.0	6.3
REUNION (LS-03)	6.7	6.0	7.3	5.0	6.3
FALCON NG (CE 1)	7.7	6.0	6.3	4.7	6.2
GE-1	8.0	6.0	6.0	4.7	6.2
J-140	7.3	6.0	6.7	4.7	6.2
MONET (LTP-610 CL)	7.7	6.3	6.7	4.0	6.2
MVS-1107	7.3	5.7	6.7	5.0	6.2
SHENANDOAH III (SH 3)	7.0	6.0	6.7	5.0	6.2
REMBRANDT	7.0	6.0	7.3	4.3	6.2
WOLFPACK II (PST-5WMB)	7.3	6.0	6.3	5.0	6.2
GREENBROOKS (TG 50-9460)	7.7	6.0	5.7	5.0	6.1
HONKY TONK (RAD-TF17)	7.0	6.0	6.7	4.7	6.1
PEDIGREE (ATF-1199)	6.7	6.0	6.7	5.0	6.1
REBEL IV	6.7	6.0	7.0	4.7	6.1
BRAVEHEART (DP 50-9407)	6.7	6.0	7.3	4.3	6.1
BULLSEYE	7.3	6.0	6.3	4.7	6.1
FAITH (K06-WA)	8.0	6.3	5.0	5.0	6.1
GO-1BFD	7.0	6.0	6.3	5.0	6.1
IS-TF-159	6.3	6.0	7.0	5.0	6.1
SKYLINE	7.0	5.7	6.3	5.3	6.1
CANNAVARO (DP 50-9440)	6.7	5.7	7.0	4.7	6.0
MUSTANG 4 (M4)	7.7	6.0	5.7	4.7	6.0
PSG-85QR	6.7	6.0	6.7	4.7	6.0
ROCKET (IS-TF-147)	6.7	6.0	6.7	4.7	6.0
BAR FA 6253	8.0	6.0	5.7	4.3	6.0
HEMI	6.7	5.7	6.3	5.3	6.0
SPEEDWAY (STR-8BPDx)	7.3	6.0	6.7	4.0	6.0
SPYDER LS (Z-2000)	6.3	6.0	7.0	4.7	6.0
STR-8BB5	7.0	6.0	7.0	4.0	6.0
GARRISON (IS-TF-153)	7.3	6.0	6.3	4.3	6.0
06-DUST	6.7	6.0	6.7	4.3	5.9
CEZANNE RZ (LTP-CRL)	6.7	6.3	5.7	5.0	5.9
JAMBOREE (IS-TF-128)	7.0	6.0	6.0	4.7	5.9

TABLE 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	CA3	MS1	NC1	WA3	MEAN
JUSTICE	7.7	5.7	6.3	4.0	5.9
KZ-1	6.7	6.0	6.7	4.3	5.9
GAZELLE II (PST-5HP)	7.0	6.0	6.3	4.3	5.9
PSG-82BR	7.0	6.0	5.7	4.7	5.8
SHENANDOAH ELITE (RK 6)	7.0	6.0	5.7	4.7	5.8
TITANIUM LS (MVS-BB-1)	7.0	6.0	5.7	4.7	5.8
TURBO RZ (BURL-TF8)	6.7	6.0	5.7	5.0	5.8
UMBRELLA (DP 50-9411)	6.7	6.0	6.0	4.7	5.8
COCHISE IV (RKCL)	7.3	6.3	6.3	3.3	5.8
ESSENTIAL (IS-TF-154)	6.3	6.0	6.7	4.3	5.8
TALLADEGA (RP 3)	7.3	6.0	5.7	4.3	5.8
TURBO	6.3	6.0	6.0	5.0	5.8
VAN GOGH (LTP-RK2)	6.3	6.0	6.0	5.0	5.8
AST9001 (AST-3)	6.0	5.7	6.7	4.7	5.8
FALCON IV	7.0	6.0	5.3	4.7	5.8
FINELAWN XPRESS (RP 2)	7.0	6.0	5.7	4.3	5.8
GWTF	6.0	6.0	6.7	4.3	5.8
J-130	6.7	6.0	6.0	4.3	5.8
RK 4	6.7	6.0	6.0	4.3	5.8
RNP	5.7	6.0	7.3	4.0	5.8
TERRIER (IS-TF-135)	7.0	6.0	6.0	4.0	5.8
FAT CAT (IS-TF-161)	6.3	6.0	6.3	4.3	5.8
MAGELLAN	6.3	6.0	5.7	4.7	5.7
MVS-341	6.0	6.0	5.7	5.0	5.7
PADRE	6.7	6.0	5.7	4.3	5.7
FIRENZA	7.3	6.0	5.0	4.3	5.7
BILTMORE	6.0	5.7	5.7	5.0	5.6
TOCCOA (IS-TF-151)	6.0	6.0	6.7	3.7	5.6
06-WALK	6.7	6.0	5.3	4.3	5.6
AST 7001	6.3	6.0	6.3	3.7	5.6
AST 7002	6.3	6.0	5.7	4.3	5.6
AST9002 (AST-2)	6.3	6.0	5.3	4.7	5.6
AST9003 (AST-1)	5.3	5.7	7.3	4.0	5.6
CROSSFIRE 3 (COL-J)	5.7	6.0	6.3	4.3	5.6
DARLINGTON (CS-TF1)	6.0	6.0	6.0	4.3	5.6
HUDSON (DKS)	6.0	5.7	6.3	4.3	5.6
KZ-2	6.3	6.0	5.7	4.3	5.6
RAPTOR II (MVS-TF-158)	6.3	6.0	6.0	4.0	5.6
AST7003	6.0	5.3	6.0	4.7	5.5
COMPETE (LS-06)	5.7	5.7	6.3	4.3	5.5
HUNTER	5.7	5.7	6.7	4.0	5.5
JT-42	6.0	5.7	6.3	4.0	5.5

TABLE 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	CA3	MS1	NC1	WA3	MEAN
JT-45	6.0	5.7	6.3	4.0	5.5
TULSA TIME (TULSA III)	5.7	6.0	6.0	4.3	5.5
0312	6.0	6.0	5.7	4.0	5.4
COL-1	6.0	6.0	6.0	3.7	5.4
EINSTEIN	5.7	6.0	5.7	4.3	5.4
RENOVATE (LS-11)	5.7	6.0	6.0	4.0	5.4
SIDEWINDER (IS-TF-138)	6.3	5.3	5.3	4.7	5.4
STR-8GRQR	6.7	6.0	5.0	4.0	5.4
TAHOE II	5.0	6.0	6.7	4.0	5.4
BGR-TF2	5.3	6.0	6.3	4.0	5.4
CORONA (COL-M)	6.3	6.0	5.0	4.3	5.4
BAR FA 6363	4.7	6.0	6.7	4.0	5.3
ESCALADE	5.7	5.7	5.3	4.7	5.3
JT-33	5.7	6.0	5.7	4.0	5.3
STETSON II (NA-SS)	5.7	6.0	5.0	4.7	5.3
ARISTOTLE	5.3	6.0	5.7	4.3	5.3
AST1001 (AST-4)	5.3	6.0	5.7	4.3	5.3
JT-36	6.0	5.3	5.7	4.3	5.3
JT-41	6.0	5.7	5.3	4.3	5.3
NINJA 3 (ATF 1247)	6.0	6.0	5.0	4.3	5.3
LINDBERGH	6.3	6.0	4.7	4.0	5.3
SILVERADO	5.3	6.0	5.7	4.0	5.3
BGR-TF1	5.3	6.0	5.3	4.3	5.3
ATF 1328	5.7	5.7	4.3	5.0	5.2
PLATO	6.3	6.0	4.0	4.3	5.2
PSG-TTRH	5.3	5.7	4.3	5.3	5.2
PSG-TTST	5.7	5.7	4.3	4.7	5.1
PSG-RNDR	6.0	5.3	4.7	4.3	5.1
TRIO (IS-TF-152)	5.7	5.3	5.0	3.7	4.9
KY-31	4.3	5.0	3.7	3.7	4.2
LSD VALUE	1.6	0.5	2.4	1.0	0.8
C.V. (%)	15.4	5.3	25.1	14.0	17.0

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

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

TABLE 24. PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	WI1	NAME	WI1
KZ-2	70.0	FAT CAT (IS-TF-161)	33.3
AST9002 (AST-2)	66.7	FIRENZA	33.3
BAR FA 6253	63.3	JAMBOREE (IS-TF-128)	33.3
TAHOE II	56.7	JT-42	33.3
FAITH (K06-WA)	53.3	MONET (LTP-610 CL)	33.3
MVS-341	53.3	PSG-85QR	33.3
SPEEDWAY (STR-8BPDx)	53.3	GREENBROOKS (TG 50-9460)	30.0
TALLADEGA (RP 3)	53.3	HONKY TONK (RAD-TF17)	30.0
SHENANDOAH III (SH 3)	50.0	IS-TF-159	30.0
REMBRANDT	48.3	JT-45	30.0
CANNAVARO (DP 50-9440)	46.7	PADRE	30.0
SHENANDOAH ELITE (RK 6)	46.7	STETSON II (NA-SS)	30.0
PSG-TTST	45.0	DARLINGTON (CS-TF1)	28.3
06-WALK	43.3	J-140	28.3
BAR FA 6363	43.3	RK 5	28.3
CATELYST (NA-BT-1)	43.3	SILVERADO	28.3
ESCALADE	43.3	TERRIER (IS-TF-135)	28.3
JT-33	43.3	TRIO (IS-TF-152)	28.3
HEMI	41.7	ESSENTIAL (IS-TF-154)	26.7
TRAVERSE SRP (RK-1)	41.7	GE-1	26.7
GARRISON (IS-TF-153)	40.0	HUNTER	26.7
GO-1BFD	40.0	J-130	26.7
MAGELLAN	40.0	JT-41	26.7
MUSTANG 4 (M4)	40.0	SR 8650 (STR-8LMM)	26.7
MVS-1107	40.0	TURBO	26.7
PSG-RNDR	40.0	VAN GOGH (LTP-RK2)	26.7
RHAMBLER SRP (RHAMBLER)	38.3	AST 7001	25.0
06-DUST	36.7	AST9001 (AST-3)	25.0
BRAVEHEART (DP 50-9407)	36.7	AST9003 (AST-1)	25.0
COCHISE IV (RKCL)	36.7	FALCON V (ATM)	25.0
FIRECRACKER LS (MVS-MST)	36.7	JUSTICE	25.0
PSG-82BR	36.7	PEDIGREE (ATF-1199)	25.0
REBEL IV	36.7	PLATO	25.0
UMBRELLA (DP 50-9411)	36.7	REUNION (LS-03)	25.0
0312	35.0	RNP	25.0
HUDSON (DKS)	35.0	ROCKET (IS-TF-147)	25.0
SPYDER LS (Z-2000)	35.0	SIDEWINDER (IS-TF-138)	25.0
ATF 1328	33.3	STR-8GRQR	25.0
BILTMORE	33.3	FINELAWN XPRESS (RP 2)	23.3
COL-1	33.3	AST7003	21.7
FALCON IV	33.3	BGR-TF1	21.7

TABLE 24. PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	WI1
CEZANNE RZ (LTP-CRL)	21.7
GWTF	21.7
LS 1200 (SC-1)	21.7
AST 7002	20.0
COMPETE (LS-06)	20.0
CORONA (COL-M)	20.0
EINSTEIN	20.0
KZ-1	20.0
NINJA 3 (ATF 1247)	20.0
RK 4	20.0
TULSA TIME (TULSA III)	20.0
CROSSFIRE 3 (COL-J)	18.3
FALCON NG (CE 1)	18.3
GAZELLE II (PST-5HP)	18.3
3RD MILLENNIUM SRP	16.7
AST1001 (AST-4)	16.7
BULLSEYE	16.7
RAPTOR II (MVS-TF-158)	16.7
RENOVATE (LS-11)	16.7
SKYLINE	16.7
STR-8BB5	16.7
TOCCOA (IS-TF-151)	16.7
LINDBERGH	15.0
PSG-TTRH	15.0
TITANIUM LS (MVS-BB-1)	15.0
WOLFPACK II (PST-5WMB)	15.0
ARISTOTLE	13.3
JT-36	13.3
TURBO RZ (BURL-TF8)	13.3
BGR-TF2	10.0
KY-31	8.3
LSD VALUE	29.4
C.V. (%)	60.0

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 25. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	MN1	NAME	MN1
KY-31	8.3	RAPTOR II (MVS-TF-158)	5.7
LINDBERGH	7.3	STR-8GRQR	5.7
BAR FA 6363	7.0	UMBRELLA (DP 50-9411)	5.7
HUNTER	6.7	VAN GOGH (LTP-RK2)	5.7
AST7003	6.5	0312	5.5
AST9003 (AST-1)	6.5	3RD MILLENNIUM SRP	5.5
SILVERADO	6.5	FAT CAT (IS-TF-161)	5.5
ARISTOTLE	6.3	GARRISON (IS-TF-153)	5.5
BILTMORE	6.3	GE-1	5.5
COL-1	6.3	J-140	5.5
CORONA (COL-M)	6.3	JUSTICE	5.5
KZ-1	6.3	MUSTANG 4 (M4)	5.5
PSG-TTRH	6.3	PSG-85QR	5.5
BAR FA 6253	6.0	RENOVATE (LS-11)	5.5
CATELYST (NA-BT-1)	6.0	SKYLINE	5.5
CROSSFIRE 3 (COL-J)	6.0	TERRIER (IS-TF-135)	5.5
EINSTEIN	6.0	TOCCOA (IS-TF-151)	5.5
ESCALADE	6.0	06-DUST	5.3
FIRECRACKER LS (MVS-MST)	6.0	AST 7001	5.3
IS-TF-159	6.0	DARLINGTON (CS-TF1)	5.3
JT-33	6.0	FALCON V (ATM)	5.3
PLATO	6.0	GAZELLE II (PST-5HP)	5.3
REBEL IV	6.0	GO-1BFD	5.3
SR 8650 (STR-8LMM)	6.0	JT-36	5.3
STETSON II (NA-SS)	6.0	JT-41	5.3
TALLADEGA (RP 3)	6.0	MAGELLAN	5.3
WOLFPACK II (PST-5WMB)	6.0	PADRE	5.3
06-WALK	5.7	PEDIGREE (ATF-1199)	5.3
AST 7002	5.7	REUNION (LS-03)	5.3
AST1001 (AST-4)	5.7	RK 5	5.3
AST9002 (AST-2)	5.7	SIDEWINDER (IS-TF-138)	5.3
ATF 1328	5.7	TURBO RZ (BURL-TF8)	5.3
BGR-TF2	5.7	AST9001 (AST-3)	5.0
CEZANNE RZ (LTP-CRL)	5.7	BULLSEYE	5.0
COMPETE (LS-06)	5.7	CANNAVARO (DP 50-9440)	5.0
FALCON IV	5.7	COCHISE IV (RKCL)	5.0
JT-45	5.7	FAITH (K06-WA)	5.0
KZ-2	5.7	FALCON NG (CE 1)	5.0
MVS-1107	5.7	FINELAWN XPRESS (RP 2)	5.0
NINJA 3 (ATF 1247)	5.7	GREENBROOKS (TG 50-9460)	5.0
PSG-82BR	5.7	HEMI	5.0
		HONKY TONK (RAD-TF17)	5.0

TABLE 25. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	MN1
J-130	5.0
JAMBOREE (IS-TF-128)	5.0
MONET (LTP-610 CL)	5.0
MVS-341	5.0
PSG-RNDR	5.0
PSG-TTST	5.0
RNP	5.0
ROCKET (IS-TF-147)	5.0
SPYDER LS (Z-2000)	5.0
TAHOE II	5.0
TITANIUM LS (MVS-BB-1)	5.0
TRIO (IS-TF-152)	5.0
BGR-TF1	4.7
BRAVEHEART (DP 50-9407)	4.7
JT-42	4.7
REMBRANDT	4.7
SPEEDWAY (STR-8BPDx)	4.7
STR-8BB5	4.7
TRAVERSE SRP (RK-1)	4.7
TULSA TIME (TULSA III)	4.7
TURBO	4.7
FIRENZA	4.5
GWTF	4.5
RHAMBLER SRP (RHAMBLER)	4.5
SHENANDOAH ELITE (RK 6)	4.5
ESSENTIAL (IS-TF-154)	4.3
RK 4	4.3
HUDSON (DKS)	4.0
LS 1200 (SC-1)	4.0
SHENANDOAH III (SH 3)	4.0
LSD VALUE	1.7
C.V. (%)	16.6

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

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

TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	IN1	NC1	PA1	VA4	MEAN
WOLFPACK II (PST-5WMB)	8.7	7.0	8.3	8.0	8.0
HEMI	8.0	6.7	8.3	8.0	7.8
SHENANDOAH ELITE (RK 6)	7.7	7.0	8.3	8.0	7.8
TALLADEGA (RP 3)	7.7	6.7	8.3	8.3	7.8
TURBO	7.7	7.0	9.0	7.3	7.8
RK 5	6.7	7.0	8.7	8.3	7.7
3RD MILLENNIUM SRP	8.0	6.7	8.0	8.0	7.7
FIRECRACKER LS (MVS-MST)	7.3	7.7	7.7	8.0	7.7
MUSTANG 4 (M4)	7.7	6.7	8.3	8.0	7.7
BRAVEHEART (DP 50-9407)	8.0	6.7	8.0	7.7	7.6
CATELYST (NA-BT-1)	7.7	7.0	8.7	7.0	7.6
FAITH (K06-WA)	7.0	6.7	8.7	8.0	7.6
IS-TF-159	8.3	6.7	8.3	7.0	7.6
BGR-TF2	7.3	6.3	8.3	8.0	7.5
SIDEWINDER (IS-TF-138)	7.0	7.3	8.0	7.7	7.5
SPEEDWAY (STR-8BPDx)	6.7	7.7	8.3	7.3	7.5
BULLSEYE	7.7	7.0	8.0	7.0	7.4
J-140	7.7	6.7	8.3	7.0	7.4
TURBO RZ (BURL-TF8)	7.3	7.3	8.3	6.7	7.4
COCHISE IV (RKCL)	7.0	7.3	8.0	7.3	7.4
MAGELLAN	6.7	7.3	8.7	7.0	7.4
REBEL IV	7.3	7.0	8.3	7.0	7.4
FAT CAT (IS-TF-161)	6.7	6.7	8.0	8.0	7.3
JUSTICE	7.0	7.0	7.7	7.7	7.3
LS 1200 (SC-1)	8.3	6.0	8.0	7.0	7.3
MONET (LTP-610 CL)	6.7	7.3	8.3	7.0	7.3
STR-8BB5	7.3	6.7	8.3	7.0	7.3
J-130	6.7	7.0	8.3	7.3	7.3
TRAVERSE SRP (RK-1)	7.3	6.3	8.0	7.7	7.3
GAZELLE II (PST-5HP)	6.7	6.3	8.3	7.7	7.3
GWTF	6.3	6.7	8.0	8.0	7.3
ROCKET (IS-TF-147)	7.7	5.7	8.3	7.3	7.3
CEZANNE RZ (LTP-CRL)	6.7	6.3	8.3	7.3	7.2
CORONA (COL-M)	6.7	6.3	8.0	7.7	7.2
PEDIGREE (ATF-1199)	7.0	6.7	8.3	6.7	7.2
SR 8650 (STR-8LMM)	7.3	7.0	7.7	6.7	7.2
TERRIER (IS-TF-135)	7.0	6.7	8.0	7.0	7.2
06-DUST	7.3	6.3	9.0	6.0	7.2
RAPTOR II (MVS-TF-158)	6.3	7.3	8.0	7.0	7.2
SHENANDOAH III (SH 3)	6.3	7.0	8.3	7.0	7.2
UMBRELLA (DP 50-9411)	6.3	7.0	8.3	7.0	7.2

TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	IN1	NC1	PA1	VA4	MEAN
DARLINGTON (CS-TF1)	7.0	5.7	8.0	7.7	7.1
ESSENTIAL (IS-TF-154)	7.7	6.3	8.3	6.0	7.1
HUDSON (DKS)	6.7	6.7	8.0	7.0	7.1
PSG-85QR	6.0	6.7	7.7	8.0	7.1
BAR FA 6253	7.0	6.3	8.0	7.0	7.1
CANNAVARO (DP 50-9440)	6.0	6.3	8.3	7.7	7.1
GE-1	7.0	7.3	7.7	6.3	7.1
KY-31	7.3	5.0	8.7	7.3	7.1
TULSA TIME (TULSA III)	6.3	6.0	9.0	7.0	7.1
AST9002 (AST-2)	5.7	6.3	8.3	7.7	7.0
GREENBROOKS (TG 50-9460)	7.7	6.3	8.3	5.7	7.0
GARRISON (IS-TF-153)	6.7	6.0	8.3	7.0	7.0
JT-45	6.3	6.3	8.3	7.0	7.0
PADRE	7.3	6.3	7.7	6.7	7.0
RK 4	7.0	5.7	7.3	8.0	7.0
TITANIUM LS (MVS-BB-1)	6.3	6.0	7.7	8.0	7.0
VAN GOGH (LTP-RK2)	7.3	6.3	8.3	6.0	7.0
FALCON IV	7.3	6.3	8.0	6.3	7.0
JAMBOREE (IS-TF-128)	6.7	6.7	8.3	6.0	6.9
SPYDER LS (Z-2000)	6.3	6.7	8.3	6.3	6.9
STR-8GRQR	6.3	6.7	8.3	6.3	6.9
AST7003	6.7	6.0	7.7	7.0	6.8
COMPETE (LS-06)	6.7	6.0	7.7	7.0	6.8
GO-1BFD	7.7	6.7	7.3	5.7	6.8
MVS-1107	7.0	6.0	7.7	6.7	6.8
RHAMBLER SRP (RHAMBLER)	7.0	6.7	8.0	5.7	6.8
COL-1	6.0	5.3	8.0	8.0	6.8
EINSTEIN	6.3	6.7	8.7	5.7	6.8
ESCALADE	6.3	6.3	8.0	6.7	6.8
FIRENZA	8.0	5.3	7.0	7.0	6.8
HONKY TONK (RAD-TF17)	6.3	6.7	7.3	7.0	6.8
RENOVATE (LS-11)	5.3	7.0	7.7	7.3	6.8
REUNION (LS-03)	6.3	6.3	7.3	7.3	6.8
RNP	6.3	6.7	7.0	7.3	6.8
06-WALK	6.3	4.7	8.3	7.7	6.8
BAR FA 6363	6.7	5.0	8.0	7.3	6.8
JT-33	7.0	5.0	7.7	7.3	6.8
JT-41	7.0	5.0	7.7	7.3	6.8
JT-42	6.0	5.7	8.3	7.0	6.8
KZ-1	5.3	6.3	8.3	7.0	6.8
PSG-82BR	6.0	5.7	8.0	7.3	6.8
TRIO (IS-TF-152)	6.3	6.7	6.7	7.0	6.7

TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	IN1	NC1	PA1	VA4	MEAN
FALCON V (ATM)	7.3	6.7	6.3	6.3	6.7
FINELAWN XPRESS (RP 2)	7.3	7.0	7.0	5.3	6.7
AST1001 (AST-4)	6.7	5.0	8.0	6.7	6.6
PSG-TTRH	5.3	5.7	8.3	7.0	6.6
TOCCOA (IS-TF-151)	5.7	6.0	7.7	7.0	6.6
CROSSFIRE 3 (COL-J)	5.0	6.0	8.0	7.3	6.6
FALCON NG (CE 1)	7.0	5.3	7.7	6.3	6.6
NINJA 3 (ATF 1247)	6.0	6.0	7.3	7.0	6.6
PSG-TTST	6.3	6.0	7.0	7.0	6.6
SILVERADO	5.3	6.0	8.7	6.3	6.6
STETSON II (NA-SS)	5.7	5.3	8.0	7.3	6.6
ATF 1328	6.0	5.7	7.7	6.7	6.5
JT-36	5.3	4.7	8.3	7.7	6.5
MVS-341	5.7	5.3	8.0	7.0	6.5
SKYLINE	5.0	6.0	8.0	7.0	6.5
BGR-TF1	6.7	6.3	8.7	4.3	6.5
ARISTOTLE	6.0	6.3	7.7	5.7	6.4
AST 7002	5.7	5.3	7.0	7.7	6.4
KZ-2	6.3	5.7	8.7	5.0	6.4
LINDBERGH	6.0	5.3	8.0	6.3	6.4
AST9001 (AST-3)	5.0	5.3	8.0	6.7	6.3
AST9003 (AST-1)	6.0	5.0	7.0	7.0	6.3
REMBRANDT	5.7	6.3	8.0	4.7	6.2
AST 7001	4.7	5.3	7.7	6.7	6.1
HUNTER	5.7	6.3	7.3	5.0	6.1
TAHOE II	5.0	5.0	6.3	7.0	5.8
0312	5.3	4.7	6.0	7.0	5.8
BILTMORE	6.0	5.3	7.3	4.3	5.8
PLATO	6.0	6.0	7.3	3.3	5.7
PSG-RNDR	5.3	5.3	7.7	4.0	5.6
LSD VALUE	2.0	1.6	1.4	0.9	0.8
C.V. (%)	18.6	16.2	11.0	8.5	13.8

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

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

TABLE 27.

FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	GA1	NM1	MEAN	NAME	GA1	NM1	MEAN
ATF 1328	6.3	8.7	7.5	JT-36	5.7	8.0	6.8
FALCON V (ATM)	6.7	8.3	7.5	JT-42	6.0	7.7	6.8
GAZELLE II (PST-5HP)	7.0	8.0	7.5	RHAMBLER SRP (RHAMBLER)	6.0	7.7	6.8
BGR-TF2	6.3	8.3	7.3	RK 4	6.0	7.7	6.8
ROCKET (IS-TF-147)	6.3	8.3	7.3	TALLADEGA (RP 3)	6.7	7.0	6.8
SPEEDWAY (STR-8BPDJ)	6.3	8.3	7.3	TITANIUM LS (MVS-BB-1)	6.7	7.0	6.8
TURBO	6.7	8.0	7.3	LINDBERGH	5.5	8.0	6.8
LS 1200 (SC-1)	6.0	8.7	7.3	ESSENTIAL (IS-TF-154)	5.7	7.7	6.7
AST 7002	6.0	8.3	7.2	JT-41	5.7	7.7	6.7
BRAVEHEART (DP 50-9407)	6.7	7.7	7.2	RK 5	5.7	7.7	6.7
TULSA TIME (TULSA III)	6.7	7.7	7.2	SR 8650 (STR-8LMM)	5.7	7.7	6.7
BULLSEYE	6.3	8.0	7.2	CATELYST (NA-BT-1)	6.0	7.3	6.7
FIRENZA	6.3	8.0	7.2	CEZANNE RZ (LTP-CRL)	6.0	7.3	6.7
GARRISON (IS-TF-153)	6.3	8.0	7.2	FIRECRACKER LS (MVS-MST)	6.0	7.3	6.7
HEMI	6.3	8.0	7.2	GO-1BFD	6.0	7.3	6.7
IS-TF-159	6.3	8.0	7.2	GREENBROOKS (TG 50-9460)	5.3	8.0	6.7
MAGELLAN	6.3	8.0	7.2	HONKY TONK (RAD-TF17)	6.0	7.3	6.7
RAPTOR II (MVS-TF-158)	6.3	8.0	7.2	RNP	6.0	7.3	6.7
REMBRANDT	6.3	8.0	7.2	SPYDER LS (Z-2000)	6.0	7.3	6.7
TAHOE II	6.3	8.0	7.2	TOCCOA (IS-TF-151)	6.0	7.3	6.7
VAN GOGH (LTP-RK2)	6.3	8.0	7.2	WOLFPACK II (PST-5WMB)	6.0	7.3	6.7
FAT CAT (IS-TF-161)	6.0	8.0	7.0	3RD MILLENNIUM SRP	5.7	7.3	6.5
J-140	6.0	8.0	7.0	AST7003	6.0	7.0	6.5
MONET (LTP-610 CL)	6.3	7.7	7.0	COL-1	6.0	7.0	6.5
MVS-1107	6.0	8.0	7.0	CROSSFIRE 3 (COL-J)	6.0	7.0	6.5
MVS-341	6.3	7.7	7.0	ESCALADE	5.7	7.3	6.5
PEDIGREE (ATF-1199)	6.0	8.0	7.0	FAITH (K06-WA)	6.0	7.0	6.5
PSG-85QR	6.0	8.0	7.0	GE-1	5.3	7.7	6.5
SKYLINE	6.3	7.7	7.0	GWTF	5.3	7.7	6.5
STETSON II (NA-SS)	6.3	7.7	7.0	KZ-1	6.0	7.0	6.5
STR-8BB5	6.0	8.0	7.0	NINJA 3 (ATF 1247)	6.0	7.0	6.5
STR-8GRQR	6.3	7.7	7.0	SHENANDOAH ELITE (RK 6)	6.5	6.3	6.4
TERRIER (IS-TF-135)	6.0	8.0	7.0	BILTMORE	6.0	6.7	6.3
TRAVERSE SRP (RK-1)	6.7	7.3	7.0	COCHISE IV (RKCL)	6.0	6.7	6.3
UMBRELLA (DP 50-9411)	5.7	8.3	7.0	EINSTEIN	5.7	7.0	6.3
AST 7001	6.0	7.7	6.8	J-130	6.0	6.7	6.3
BAR FA 6363	6.0	7.7	6.8	JT-33	5.7	7.0	6.3
CORONA (COL-M)	6.0	7.7	6.8	JT-45	5.0	7.7	6.3
FALCON IV	6.0	7.7	6.8	JUSTICE	5.7	7.0	6.3
HUDSON (DKS)	6.0	7.7	6.8	PSG-82BR	5.7	7.0	6.3
JAMBOREE (IS-TF-128)	6.0	7.7	6.8	FINELAWN XPRESS (RP 2)	6.3	6.3	6.3
				PLATO	5.3	7.3	6.3

TABLE 27. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	NM1	MEAN
REBEL IV	5.3	7.3	6.3
BAR FA 6253	5.7	6.7	6.2
CANNAVARO (DP 50-9440)	5.7	6.7	6.2
PSG-RNDR	5.7	6.7	6.2
06-WALK	5.3	7.0	6.2
DARLINGTON (CS-TF1)	6.0	6.3	6.2
MUSTANG 4 (M4)	6.3	6.0	6.2
SIDEWINDER (IS-TF-138)	6.3	6.0	6.2
TRIO (IS-TF-152)	6.0	6.3	6.2
ARISTOTLE	5.0	7.0	6.0
BGR-TF1	5.7	6.3	6.0
FALCON NG (CE 1)	6.0	6.0	6.0
PSG-TTST	5.3	6.7	6.0
TURBO RZ (BURL-TF8)	6.0	6.0	6.0
AST9001 (AST-3)	5.5	6.3	5.9
AST9002 (AST-2)	5.0	6.7	5.8
AST9003 (AST-1)	6.0	5.7	5.8
SHENANDOAH III (SH 3)	5.0	6.7	5.8
KZ-2	5.3	6.3	5.8
AST1001 (AST-4)	5.7	5.7	5.7
COMPETE (LS-06)	5.7	5.7	5.7
RENOVATE (LS-11)	5.3	6.0	5.7
REUNION (LS-03)	5.3	6.0	5.7
SILVERADO	5.3	6.0	5.7
0312	4.7	6.0	5.3
PADRE	6.0	4.7	5.3
06-DUST	5.3	5.3	5.3
KY-31	4.3	6.3	5.3
PSG-TTRH	5.3	5.3	5.3
HUNTER	5.3	5.0	5.2
LSD VALUE	0.9	2.2	1.2
C.V. (%)	9.5	19.0	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 28. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	GA1	MN1	NM1	MEAN
FALCON V (ATM)	7.7	5.0	8.0	6.9
UMBRELLA (DP 50-9411)	6.0	6.3	8.3	6.9
LS 1200 (SC-1)	6.7	5.7	8.0	6.8
TURBO	6.7	5.7	8.0	6.8
ATF 1328	6.0	5.3	8.7	6.7
FIRENZA	6.3	5.7	8.0	6.7
MONET (LTP-610 CL)	6.7	5.7	7.7	6.7
TOCCOA (IS-TF-151)	6.0	6.3	7.7	6.7
FAT CAT (IS-TF-161)	6.0	6.0	7.7	6.6
HUDSON (DKS)	6.0	6.0	7.7	6.6
HONKY TONK (RAD-TF17)	6.3	6.0	7.3	6.6
RK 4	6.3	5.3	8.0	6.6
TULSA TIME (TULSA III)	7.0	5.3	7.3	6.6
BULLSEYE	6.7	4.7	8.0	6.4
FAITH (K06-WA)	6.7	6.0	6.7	6.4
GARRISON (IS-TF-153)	6.7	5.0	7.7	6.4
JAMBOREE (IS-TF-128)	6.7	6.0	6.7	6.4
AST7003	6.0	6.0	7.3	6.4
BRAVEHEART (DP 50-9407)	6.3	5.3	7.7	6.4
ESSENTIAL (IS-TF-154)	6.3	5.7	7.3	6.4
GE-1	6.3	5.3	7.7	6.4
GWTF	6.3	5.3	7.7	6.4
BGR-TF2	6.7	4.7	7.7	6.3
CORONA (COL-M)	6.3	5.3	7.3	6.3
HEMI	6.3	5.0	7.7	6.3
IS-TF-159	6.0	5.0	8.0	6.3
JT-41	6.0	5.3	7.7	6.3
RHAMBLER SRP (RHAMBLER)	6.3	5.0	7.7	6.3
RK 5	6.7	5.0	7.3	6.3
SIDEWINDER (IS-TF-138)	6.7	6.3	6.0	6.3
TRAVERSE SRP (RK-1)	7.0	5.0	7.0	6.3
TRIO (IS-TF-152)	7.0	6.0	6.0	6.3
BAR FA 6363	6.0	5.0	7.7	6.2
CATELYST (NA-BT-1)	6.7	5.0	7.0	6.2
J-140	6.3	4.7	7.7	6.2
PSG-85QR	6.7	4.7	7.3	6.2
REMBRANDT	6.3	4.7	7.7	6.2
ROCKET (IS-TF-147)	6.3	4.7	7.7	6.2
SHENANDOAH III (SH 3)	5.7	5.7	7.3	6.2
SPEEDWAY (STR-8BPDx)	6.7	5.0	7.0	6.2
SPYDER LS (Z-2000)	6.3	4.7	7.7	6.2

TABLE 28. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	MN1	NM1	MEAN
SR 8650 (STR-8LMM)	6.0	5.0	7.7	6.2
TALLADEGA (RP 3)	6.7	5.0	7.0	6.2
VAN GOGH (LTP-RK2)	6.3	4.7	7.7	6.2
JT-36	6.0	5.3	7.3	6.2
RAPTOR II (MVS-TF-158)	6.3	4.3	8.0	6.2
SKYLINE	6.3	5.0	7.3	6.2
STETSON II (NA-SS)	6.3	5.0	7.3	6.2
TERRIER (IS-TF-135)	6.0	4.3	8.3	6.2
AST 7002	5.7	5.0	7.7	6.1
BGR-TF1	6.0	5.7	6.7	6.1
DARLINGTON (CS-TF1)	6.0	5.7	6.7	6.1
FINELAWN XPRESS (RP 2)	6.7	5.7	6.0	6.1
MVS-1107	6.0	4.7	7.7	6.1
GAZELLE II (PST-5HP)	6.3	4.7	7.3	6.1
JT-42	6.3	5.0	7.0	6.1
KZ-1	6.3	5.3	6.7	6.1
MAGELLAN	6.0	5.0	7.3	6.1
PEDIGREE (ATF-1199)	6.0	4.3	8.0	6.1
3RD MILLENNIUM SRP	6.0	4.7	7.3	6.0
AST 7001	6.0	5.3	6.7	6.0
AST9002 (AST-2)	6.0	5.0	7.0	6.0
AST9003 (AST-1)	6.3	5.7	6.0	6.0
CEZANNE RZ (LTP-CRL)	6.7	4.3	7.0	6.0
COCHISE IV (RKCL)	6.7	5.3	6.0	6.0
FIRECRACKER LS (MVS-MST)	6.3	5.0	6.7	6.0
GREENBROOKS (TG 50-9460)	5.7	4.3	8.0	6.0
JUSTICE	6.3	5.0	6.7	6.0
REBEL IV	6.3	4.7	7.0	6.0
RNP	5.7	5.7	6.7	6.0
STR-8BB5	7.0	4.0	7.0	6.0
STR-8GRQR	6.7	4.3	7.0	6.0
TAHOE II	6.3	4.3	7.3	6.0
TURBO RZ (BURL-TF8)	6.3	5.7	6.0	6.0
WOLFPACK II (PST-5WMB)	6.3	5.7	6.0	6.0
COMPETE (LS-06)	6.0	5.7	6.0	5.9
ESCALADE	6.0	4.7	7.0	5.9
NINJA 3 (ATF 1247)	5.7	6.0	6.0	5.9
PSG-RNDR	6.0	5.0	6.7	5.9
AST9001 (AST-3)	6.0	5.3	6.3	5.9
FALCON IV	6.0	4.3	7.3	5.9
JT-33	6.0	5.3	6.3	5.9
KZ-2	6.0	5.3	6.3	5.9

TABLE 28. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	MN1	NM1	MEAN
LINDBERGH	6.0	4.3	7.3	5.9
MVS-341	6.3	4.3	7.0	5.9
06-WALK	5.7	4.7	7.0	5.8
EINSTEIN	6.0	4.7	6.7	5.8
MUSTANG 4 (M4)	6.7	5.0	5.7	5.8
REUNION (LS-03)	5.7	5.7	6.0	5.8
ARISTOTLE	5.3	5.3	6.7	5.8
AST1001 (AST-4)	5.7	5.3	6.3	5.8
CANNAVARO (DP 50-9440)	6.3	5.0	6.0	5.8
CROSSFIRE 3 (COL-J)	6.0	5.0	6.3	5.8
PSG-82BR	6.3	4.3	6.7	5.8
SHENANDOAH ELITE (RK 6)	6.5	5.0	5.7	5.7
BAR FA 6253	6.0	4.3	6.7	5.7
COL-1	5.7	4.3	7.0	5.7
J-130	6.0	4.7	6.3	5.7
JT-45	5.3	4.3	7.3	5.7
RENOVATE (LS-11)	5.0	5.7	6.3	5.7
TITANIUM LS (MVS-BB-1)	6.7	4.0	6.3	5.7
FALCON NG (CE 1)	6.0	5.0	5.7	5.6
HUNTER	5.7	5.7	5.3	5.6
GO-1BFD	6.0	3.7	7.0	5.6
PLATO	5.3	4.0	7.3	5.6
BILTMORE	5.3	4.0	7.0	5.4
06-DUST	5.7	5.0	5.3	5.3
PADRE	6.0	5.0	5.0	5.3
PSG-TTST	5.7	4.0	6.0	5.2
PSG-TTRH	5.7	4.0	5.7	5.1
0312	4.3	4.7	5.3	4.8
SILVERADO	5.0	2.3	6.7	4.7
KY-31	4.0	1.0	6.0	3.7
LSD VALUE	0.9	1.2	2.2	0.9
C.V. (%)	8.9	14.9	19.9	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 29. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	GA1	IL1	KS2	NM1	UT1	MEAN
BRAVEHEART (DP 50-9407)	7.0	3.7	6.0	8.0	5.7	6.1
FALCON V (ATM)	7.3	5.0	5.0	7.7	5.3	6.1
RHAMBLER SRP (RHAMBLER)	6.7	4.0	6.3	8.0	5.3	6.1
RK 5	7.3	4.3	6.0	7.7	5.0	6.1
ESSENTIAL (IS-TF-154)	6.7	4.7	5.7	7.7	5.3	6.0
FIRECRACKER LS (MVS-MST)	6.7	4.7	6.7	7.7	4.3	6.0
LS 1200 (SC-1)	6.7	3.7	6.7	8.0	5.0	6.0
TRAVERSE SRP (RK-1)	6.7	4.0	6.0	7.7	5.3	5.9
TULSA TIME (TULSA III)	7.0	4.3	5.7	7.7	5.0	5.9
MVS-1107	6.0	4.7	6.3	7.7	4.7	5.9
REMBRANDT	6.0	4.7	5.7	7.3	5.7	5.9
CORONA (COL-M)	6.3	4.7	5.3	7.7	5.3	5.9
FINELAWN XPRESS (RP 2)	6.7	4.7	6.0	6.0	5.7	5.8
GAZELLE II (PST-5HP)	6.7	4.0	5.7	7.7	5.0	5.8
JT-36	6.7	4.3	5.7	7.7	4.7	5.8
TURBO	6.7	3.7	6.0	8.0	4.7	5.8
BAR FA 6253	6.0	4.7	6.0	7.3	5.0	5.8
CEZANNE RZ (LTP-CRL)	6.7	4.0	5.3	7.7	5.3	5.8
COL-1	6.3	4.0	6.0	7.7	5.0	5.8
GARRISON (IS-TF-153)	7.0	4.0	4.7	8.3	5.0	5.8
J-140	6.3	4.3	5.3	8.0	5.0	5.8
MVS-341	6.7	4.7	5.3	7.3	5.0	5.8
PSG-82BR	7.0	4.0	6.0	7.3	4.7	5.8
RENOVATE (LS-11)	6.3	4.7	5.3	7.7	5.0	5.8
CATELYST (NA-BT-1)	6.7	4.3	5.3	7.3	5.3	5.8
LINDBERGH	5.5	4.3	6.0	7.7	5.3	5.8
RAPTOR II (MVS-TF-158)	6.7	4.3	5.0	8.0	4.7	5.7
SPEEDWAY (STR-8BPDJ)	7.0	4.3	4.7	8.0	4.7	5.7
GE-1	7.0	3.7	5.0	8.0	5.0	5.7
IS-TF-159	7.0	3.7	5.0	8.0	5.0	5.7
STR-8GRQR	6.3	4.7	6.3	7.3	4.0	5.7
BGR-TF2	6.7	4.7	4.7	7.7	4.7	5.7
GREENBROOKS (TG 50-9460)	6.0	4.0	5.7	8.0	4.7	5.7
ROCKET (IS-TF-147)	6.7	3.7	5.3	7.7	5.0	5.7
SHENANDOAH III (SH 3)	5.3	4.7	5.7	7.7	5.0	5.7
FAITH (K06-WA)	7.0	4.0	6.7	6.3	4.3	5.7
FIRENZA	6.3	4.7	5.0	8.0	4.3	5.7
GO-1BFD	6.0	3.7	5.7	7.7	5.3	5.7
HEMI	6.3	4.3	5.3	8.0	4.3	5.7
REBEL IV	6.7	3.7	5.7	7.0	5.3	5.7
RK 4	7.0	4.0	5.0	8.0	4.3	5.7

TABLE 29. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	IL1	KS2	NM1	UT1	MEAN
SR 8650 (STR-8LMM)	6.0	5.0	5.0	8.0	4.3	5.7
STETSON II (NA-SS)	6.7	4.7	4.7	7.3	5.0	5.7
TALLADEGA (RP 3)	6.3	4.3	5.7	7.0	5.0	5.7
TOCCOA (IS-TF-151)	6.3	4.3	5.0	8.0	4.7	5.7
UMBRELLA (DP 50-9411)	6.3	3.7	5.3	8.0	5.0	5.7
FAT CAT (IS-TF-161)	6.5	4.0	4.7	8.0	5.0	5.6
BULLSEYE	6.7	4.0	4.7	8.0	4.7	5.6
AST 7001	6.3	3.7	5.7	7.3	5.0	5.6
COCHISE IV (RKCL)	7.0	4.3	5.7	6.0	5.0	5.6
GWTF	6.0	3.7	5.7	8.0	4.7	5.6
PSG-85QR	6.7	3.3	6.0	7.3	4.7	5.6
SPYDER LS (Z-2000)	6.3	4.3	5.0	7.0	5.3	5.6
TERRIER (IS-TF-135)	6.0	4.3	5.0	8.0	4.7	5.6
TITANIUM LS (MVS-BB-1)	6.3	4.0	6.0	7.0	4.7	5.6
TRIO (IS-TF-152)	6.7	3.7	5.7	6.3	5.7	5.6
06-WALK	6.0	3.7	5.0	7.3	5.7	5.5
3RD MILLENNIUM SRP	6.7	3.7	5.7	7.3	4.3	5.5
BAR FA 6363	5.7	4.0	4.7	8.0	5.3	5.5
ESCALADE	6.3	4.3	5.0	7.3	4.7	5.5
JAMBOREE (IS-TF-128)	7.3	4.0	4.3	7.0	5.0	5.5
JUSTICE	6.7	4.0	4.3	7.7	5.0	5.5
MAGELLAN	6.3	3.7	5.0	7.7	5.0	5.5
MONET (LTP-610 CL)	6.7	3.7	4.7	8.0	4.7	5.5
PEDIGREE (ATF-1199)	6.0	4.3	5.3	8.0	4.0	5.5
SKYLINE	6.3	4.3	5.0	7.3	4.7	5.5
STR-8BB5	7.0	3.3	5.7	7.3	4.3	5.5
TAHOE II	6.7	3.3	5.7	7.7	4.3	5.5
VAN GOGH (LTP-RK2)	6.7	4.0	5.7	7.3	4.0	5.5
WOLFPACK II (PST-5WMB)	6.3	4.0	6.3	6.7	4.3	5.5
AST7003	6.0	3.3	5.3	7.7	5.0	5.5
AST9001 (AST-3)	6.0	3.7	5.0	7.3	5.3	5.5
BILTMORE	5.7	4.0	5.7	7.0	5.0	5.5
DARLINGTON (CS-TF1)	6.3	4.0	5.0	7.0	5.0	5.5
J-130	6.3	4.7	4.3	7.3	4.7	5.5
JT-33	5.7	4.0	5.7	7.0	5.0	5.5
JT-41	6.7	4.3	4.7	7.3	4.3	5.5
MUSTANG 4 (M4)	7.0	4.3	5.3	5.7	5.0	5.5
RNP	6.3	3.7	4.7	7.7	5.0	5.5
HONKY TONK (RAD-TF17)	6.3	4.0	5.3	7.3	4.3	5.5
HUDSON (DKS)	6.5	3.7	4.7	8.0	4.3	5.4
ARISTOTLE	5.7	4.3	5.0	7.0	5.0	5.4
AST9002 (AST-2)	6.0	4.0	5.3	7.0	4.7	5.4

TABLE 29. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	IL1	KS2	NM1	UT1	MEAN
ATF 1328	6.3	3.0	4.7	8.0	5.0	5.4
CROSSFIRE 3 (COL-J)	6.0	3.7	5.3	6.7	5.3	5.4
JT-42	6.7	4.0	5.0	6.7	4.7	5.4
KZ-2	6.3	3.7	5.0	6.7	5.3	5.4
PADRE	6.0	5.0	5.0	6.0	5.0	5.4
AST9003 (AST-1)	6.3	4.7	5.3	6.3	4.3	5.4
EINSTEIN	6.0	3.7	6.0	7.0	4.3	5.4
SHENANDOAH ELITE (RK 6)	6.5	4.3	5.0	5.7	5.3	5.4
AST 7002	6.0	3.7	5.0	7.3	4.7	5.3
CANNAVARO (DP 50-9440)	6.7	4.0	4.3	6.7	5.0	5.3
HUNTER	6.0	4.0	6.0	5.7	5.0	5.3
PSG-TTRH	6.0	4.0	6.3	5.7	4.7	5.3
TURBO RZ (BURL-TF8)	6.3	4.3	5.7	5.7	4.7	5.3
JT-45	6.3	4.0	4.7	7.3	4.3	5.3
PLATO	5.3	5.0	4.7	7.3	4.3	5.3
PSG-RNDR	6.3	4.0	5.3	6.3	4.7	5.3
REUNION (LS-03)	6.0	4.3	5.0	6.3	5.0	5.3
BGR-TF1	6.7	3.0	5.0	7.0	4.7	5.3
FALCON IV	6.0	3.7	4.7	7.7	4.3	5.3
NINJA 3 (ATF 1247)	6.3	4.0	5.0	6.3	4.7	5.3
SIDEWINDER (IS-TF-138)	6.3	3.7	5.7	6.3	4.3	5.3
FALCON NG (CE 1)	6.7	3.7	5.0	5.7	5.0	5.2
KZ-1	6.7	3.3	4.0	6.7	5.3	5.2
COMPETE (LS-06)	6.3	3.0	5.0	6.3	5.0	5.1
AST1001 (AST-4)	6.0	3.3	4.3	6.7	5.0	5.1
PSG-TTST	5.3	3.7	4.7	6.7	4.7	5.0
06-DUST	6.0	3.7	5.0	5.7	4.7	5.0
SILVERADO	5.0	3.0	4.3	7.0	5.3	4.9
0312	5.3	3.3	4.7	5.7	5.0	4.8
KY-31	4.7	2.7	4.3	6.0	4.3	4.4
LSD VALUE	1.0	1.1	1.6	2.0	1.1	0.6
C.V. (%)	9.5	17.0	18.8	17.5	14.6	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 30.

FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	GA1	TN1	MEAN	NAME	GA1	TN1	MEAN
FAITH (K06-WA)	6.7	7.3	7.0	TURBO RZ (BURL-TF8)	6.0	6.3	6.2
FALCON V (ATM)	6.7	7.0	6.8	BRAVEHEART (DP 50-9407)	6.0	6.0	6.0
LS 1200 (SC-1)	6.7	7.0	6.8	ESCALADE	6.7	5.3	6.0
WOLFPACK II (PST-5WMB)	6.7	6.7	6.7	FALCON IV	6.0	6.0	6.0
GE-1	7.0	6.3	6.7	FALCON NG (CE 1)	5.7	6.3	6.0
MONET (LTP-610 CL)	6.3	7.0	6.7	GO-1BFD	6.0	6.0	6.0
TURBO	6.3	7.0	6.7	HONKY TONK (RAD-TF17)	6.0	6.0	6.0
CATELYST (NA-BT-1)	6.3	6.7	6.5	JT-41	6.0	6.0	6.0
FINELAWN XPRESS (RP 2)	6.7	6.3	6.5	MVS-1107	6.0	6.0	6.0
GARRISON (IS-TF-153)	6.7	6.3	6.5	NINJA 3 (ATF 1247)	6.0	6.0	6.0
JAMBOREE (IS-TF-128)	6.7	6.3	6.5	PADRE	6.0	6.0	6.0
MUSTANG 4 (M4)	6.0	7.0	6.5	PSG-RNDR	6.3	5.7	6.0
PSG-85QR	6.3	6.7	6.5	PSG-TTRH	5.3	6.7	6.0
RK 5	6.7	6.3	6.5	RAPTOR II (MVS-TF-158)	6.0	6.0	6.0
SHENANDOAH ELITE (RK 6)	6.0	7.0	6.5	SIDEWINDER (IS-TF-138)	6.0	6.0	6.0
TITANIUM LS (MVS-BB-1)	6.0	7.0	6.5	TRIO (IS-TF-152)	6.3	5.7	6.0
BULLSEYE	6.0	6.7	6.3	TULSA TIME (TULSA III)	6.3	5.7	6.0
CANNAVARO (DP 50-9440)	6.0	6.7	6.3	UMBRELLA (DP 50-9411)	6.0	6.0	6.0
CEZANNE RZ (LTP-CRL)	6.7	6.0	6.3	AST9001 (AST-3)	6.0	5.7	5.8
FIRECRACKER LS (MVS-MST)	6.0	6.7	6.3	BAR FA 6253	5.7	6.0	5.8
ROCKET (IS-TF-147)	6.0	6.7	6.3	FAT CAT (IS-TF-161)	6.0	5.7	5.8
SR 8650 (STR-8LMM)	6.0	6.7	6.3	FIRENZA	5.7	6.0	5.8
TALLADEGA (RP 3)	6.0	6.7	6.3	LINDBERGH	6.0	5.7	5.8
3RD MILLENNIUM SRP	6.3	6.3	6.3	MVS-341	6.0	5.7	5.8
GAZELLE II (PST-5HP)	6.3	6.3	6.3	REBEL IV	6.0	5.7	5.8
PSG-82BR	6.3	6.3	6.3	TERRIER (IS-TF-135)	6.0	5.7	5.8
RHAMBLER SRP (RHAMBLER)	6.3	6.3	6.3	AST9003 (AST-1)	6.3	5.3	5.8
RK 4	6.3	6.3	6.3	JT-36	6.3	5.3	5.8
TRAVERSE SRP (RK-1)	6.3	6.3	6.3	RENOVATE (LS-11)	6.3	5.3	5.8
STR-8BB5	6.5	6.0	6.3	SHENANDOAH III (SH 3)	5.3	6.3	5.8
BGR-TF2	6.7	5.7	6.2	VAN GOGH (LTP-RK2)	6.3	5.3	5.8
COCHISE IV (RKCL)	6.7	5.7	6.2	06-WALK	5.7	5.7	5.7
ESSENTIAL (IS-TF-154)	6.7	5.7	6.2	ATF 1328	5.7	5.7	5.7
GREENBROOKS (TG 50-9460)	6.0	6.3	6.2	EINSTEIN	5.7	5.7	5.7
HEMI	6.0	6.3	6.2	06-DUST	6.0	5.3	5.7
IS-TF-159	6.0	6.3	6.2	ARISTOTLE	6.3	5.0	5.7
J-140	6.0	6.3	6.2	AST 7001	6.3	5.0	5.7
SPEEDWAY (STR-8BPD)	6.0	6.3	6.2	AST7003	6.0	5.3	5.7
SPYDER LS (Z-2000)	6.0	6.3	6.2	AST9002 (AST-2)	6.0	5.3	5.7
STR-8GRQR	6.3	6.0	6.2	COMPETE (LS-06)	6.3	5.0	5.7
TOCCOA (IS-TF-151)	6.3	6.0	6.2	HUDSON (DKS)	6.0	5.3	5.7
				HUNTER	6.3	5.0	5.7

TABLE 30. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	GA1	TN1	MEAN
JUSTICE	6.0	5.3	5.7
KZ-1	6.0	5.3	5.7
PEDIGREE (ATF-1199)	6.0	5.3	5.7
REMBRANDT	6.0	5.3	5.7
BAR FA 6363	5.3	5.7	5.5
BGR-TF1	6.0	5.0	5.5
COL-1	6.0	5.0	5.5
CORONA (COL-M)	6.0	5.0	5.5
DARLINGTON (CS-TF1)	6.0	5.0	5.5
J-130	5.7	5.3	5.5
JT-45	5.7	5.3	5.5
MAGELLAN	5.7	5.3	5.5
RNP	6.0	5.0	5.5
STETSON II (NA-SS)	5.7	5.3	5.5
TAHOE II	6.0	5.0	5.5
AST 7002	6.0	4.7	5.3
AST1001 (AST-4)	6.0	4.7	5.3
BILTMORE	5.7	5.0	5.3
CROSSFIRE 3 (COL-J)	6.0	4.7	5.3
GWTF	6.0	4.7	5.3
JT-42	6.0	4.7	5.3
PSG-TTST	4.7	6.0	5.3
REUNION (LS-03)	6.0	4.7	5.3
JT-33	5.3	5.3	5.3
PLATO	5.3	5.3	5.3
SKYLINE	5.7	4.7	5.2
KZ-2	6.0	4.3	5.2
0312	5.0	5.0	5.0
SILVERADO	5.0	5.0	5.0
KY-31	4.3	5.0	4.7
LSD VALUE	0.8	1.1	0.7
C.V. (%)	8.0	12.0	10.1

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

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

TABLE 31.

WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA

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

NAME	WA3	NAME	WA3
CATELYST (NA-BT-1)	7.7	RK 4	6.3
FALCON V (ATM)	7.7	SKYLINE	6.3
SHENANDOAH III (SH 3)	7.7	STETSON II (NA-SS)	6.3
FAITH (K06-WA)	7.3	TITANIUM LS (MVS-BB-1)	6.3
LS 1200 (SC-1)	7.3	06-DUST	6.0
SR 8650 (STR-8LMM)	7.3	AST7003	6.0
WOLFPACK II (PST-5WMB)	7.3	BGR-TF1	6.0
HEMI	7.0	ESCALADE	6.0
SHENANDOAH ELITE (RK 6)	7.0	FIRENZA	6.0
TRAVERSE SRP (RK-1)	7.0	JAMBOREE (IS-TF-128)	6.0
AST9001 (AST-3)	6.7	REBEL IV	6.0
CORONA (COL-M)	6.7	REMBRANDT	6.0
ESSENTIAL (IS-TF-154)	6.7	06-WALK	5.7
FINELAWN XPRESS (RP 2)	6.7	ARISTOTLE	5.7
FIRECRACKER LS (MVS-MST)	6.7	AST1001 (AST-4)	5.7
GARRISON (IS-TF-153)	6.7	BILTMORE	5.7
GAZELLE II (PST-5HP)	6.7	BRAVEHEART (DP 50-9407)	5.7
MUSTANG 4 (M4)	6.7	BULLSEYE	5.7
MVS-1107	6.7	COCHISE IV (RKCL)	5.7
NINJA 3 (ATF 1247)	6.7	COL-1	5.7
PEDIGREE (ATF-1199)	6.7	EINSTEIN	5.7
PSG-82BR	6.7	FALCON NG (CE 1)	5.7
PSG-85QR	6.7	GWTF	5.7
RHAMBLER SRP (RHAMBLER)	6.7	IS-TF-159	5.7
ROCKET (IS-TF-147)	6.7	J-140	5.7
SIDEWINDER (IS-TF-138)	6.7	JT-36	5.7
TURBO RZ (BURL-TF8)	6.7	JUSTICE	5.7
VAN GOGH (LTP-RK2)	6.7	KZ-1	5.7
SPEEDWAY (STR-8BPD)	6.5	KZ-2	5.7
3RD MILLENNIUM SRP	6.3	PADRE	5.7
AST9002 (AST-2)	6.3	PLATO	5.7
ATF 1328	6.3	REUNION (LS-03)	5.7
BAR FA 6253	6.3	SPYDER LS (Z-2000)	5.7
CEZANNE RZ (LTP-CRL)	6.3	STR-8BB5	5.7
CROSSFIRE 3 (COL-J)	6.3	TALLADEGA (RP 3)	5.7
FAT CAT (IS-TF-161)	6.3	TERRIER (IS-TF-135)	5.7
GO-1BFD	6.3	TOCCOA (IS-TF-151)	5.7
J-130	6.3	TURBO	5.7
JT-41	6.3	0312	5.3
MVS-341	6.3	AST 7001	5.3
PSG-TTST	6.3	AST 7002	5.3
		GE-1	5.3

TABLE 31. WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA

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

NAME	WA3
GREENBROOKS (TG 50-9460)	5.3
JT-33	5.3
JT-42	5.3
JT-45	5.3
MAGELLAN	5.3
PSG-RNDR	5.3
PSG-TTRH	5.3
RAPTOR II (MVS-TF-158)	5.3
RENOVATE (LS-11)	5.3
RK 5	5.3
STR-8GRQR	5.3
TAHOE II	5.3
UMBRELLA (DP 50-9411)	5.3
BAR FA 6363	5.0
BGR-TF2	5.0
CANNAVARO (DP 50-9440)	5.0
COMPETE (LS-06)	5.0
HONKY TONK (RAD-TF17)	5.0
HUDSON (DKS)	5.0
HUNTER	5.0
KY-31	5.0
LINDBERGH	5.0
SILVERADO	5.0
TRIO (IS-TF-152)	5.0
TULSA TIME (TULSA III)	5.0
DARLINGTON (CS-TF1)	4.7
FALCON IV	4.7
MONET (LTP-610 CL)	4.7
RNP	4.3
AST9003 (AST-1)	4.0
LSD VALUE	2.0
C.V. (%)	20.7

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

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

TABLE 32. PERCENT BROWN PATCH (JUNE) RATINGS OF TALL FESCUE CULTIVARS 1/
2009 DATA 2/

NAME	TN1	NAME	TN1
DARLINGTON (CS-TF1)	25.0	PADRE	13.3
ARISTOTLE	23.3	REMBRANDT	13.3
TERRIER (IS-TF-135)	22.3	ROCKET (IS-TF-147)	13.3
AST 7002	21.7	0312	13.0
AST7003	21.7	GARRISON (IS-TF-153)	13.0
FAT CAT (IS-TF-161)	21.0	J-130	13.0
PSG-TTST	21.0	JT-42	13.0
STETSON II (NA-SS)	20.7	SILVERADO	13.0
HUNTER	20.0	TOCCOA (IS-TF-151)	13.0
AST9002 (AST-2)	19.7	BULLSEYE	12.7
HUDSON (DKS)	19.7	ESSENTIAL (IS-TF-154)	12.7
KZ-2	19.3	HONKY TONK (RAD-TF17)	12.7
BAR FA 6253	19.0	NINJA 3 (ATF 1247)	12.7
GREENBROOKS (TG 50-9460)	19.0	SKYLINE	12.7
AST9001 (AST-3)	18.3	TRIO (IS-TF-152)	12.7
BGR-TF1	18.3	UMBRELLA (DP 50-9411)	12.3
J-140	18.3	RK 5	12.0
CROSSFIRE 3 (COL-J)	16.7	AST 7001	11.7
JT-33	16.7	BRAVEHEART (DP 50-9407)	11.7
JT-45	16.7	CANNAVARO (DP 50-9440)	11.7
STR-8GRQR	16.7	IS-TF-159	11.7
FIRECRACKER LS (MVS-MST)	16.0	MONET (LTP-610 CL)	11.7
MUSTANG 4 (M4)	16.0	SIDEWINDER (IS-TF-138)	11.7
FALCON IV	15.7	SPEEDWAY (STR-8BPDJ)	11.7
JT-36	15.7	MVS-1107	11.3
JUSTICE	15.7	CATELYST (NA-BT-1)	11.0
LS 1200 (SC-1)	15.7	CORONA (COL-M)	11.0
06-DUST	15.3	CEZANNE RZ (LTP-CRL)	10.7
SPYDER LS (Z-2000)	15.3	FIRENZA	10.7
BGR-TF2	15.0	PEDIGREE (ATF-1199)	10.7
BILTMORE	14.7	RENOVATE (LS-11)	10.7
REUNION (LS-03)	14.3	STR-8BB5	10.7
COCHISE IV (RKCL)	14.0	ATF 1328	10.3
ESCALADE	14.0	COMPETE (LS-06)	10.3
GE-1	14.0	REBEL IV	10.3
JT-41	14.0	EINSTEIN	10.0
KY-31	14.0	GAZELLE II (PST-5HP)	10.0
TITANIUM LS (MVS-BB-1)	14.0	LINDBERGH	10.0
TURBO RZ (BURL-TF8)	14.0	PSG-82BR	10.0
BAR FA 6363	13.7	RK 4	10.0
MVS-341	13.7	TAHOE II	10.0
AST1001 (AST-4)	13.3	TRAVERSE SRP (RK-1)	10.0
FALCON NG (CE 1)	13.3	TULSA TIME (TULSA III)	10.0

TABLE 32. PERCENT BROWN PATCH (JUNE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2009 DATA 2/

NAME	TN1
JAMBOREE (IS-TF-128)	9.7
KZ-1	9.7
06-WALK	9.3
3RD MILLENNIUM SRP	9.3
HEMI	9.3
PSG-TTRH	9.3
RHAMBLER SRP (RHAMBLER)	9.3
TALLADEGA (RP 3)	9.3
WOLFPACK II (PST-5WMB)	9.3
MAGELLAN	9.0
RAPTOR II (MVS-TF-158)	9.0
PLATO	8.7
PSG-85QR	8.7
RNP	8.7
FAITH (K06-WA)	8.3
FALCON V (ATM)	8.3
SHENANDOAH ELITE (RK 6)	8.3
SHENANDOAH III (SH 3)	8.3
VAN GOGH (LTP-RK2)	8.3
COL-1	8.0
GWTF	8.0
PSG-RNDR	8.0
SR 8650 (STR-8LMM)	8.0
AST9003 (AST-1)	7.7
FINELAWN XPRESS (RP 2)	7.7
GO-1BFD	7.0
TURBO	7.0
LSD VALUE	10.3
C.V. (%)	49.3

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. BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/
2009 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
BULLSEYE	8.3	7.7	7.7	7.9
CATELYST (NA-BT-1)	9.0	7.0	7.0	7.7
COCHISE IV (RKCL)	8.7	8.0	6.3	7.7
MUSTANG 4 (M4)	8.3	8.0	6.3	7.6
WOLFPACK II (PST-5WMB)	8.3	8.0	6.3	7.6
3RD MILLENNIUM SRP	8.3	7.3	6.7	7.4
GARRISON (IS-TF-153)	8.3	7.3	6.7	7.4
SR 8650 (STR-8LMM)	8.0	7.3	7.0	7.4
TALLADEGA (RP 3)	8.7	8.0	5.7	7.4
JAMBOREE (IS-TF-128)	8.3	8.3	5.3	7.3
TRAVERSE SRP (RK-1)	7.7	7.0	7.3	7.3
FALCON V (ATM)	8.7	7.7	5.3	7.2
LS 1200 (SC-1)	7.7	6.7	7.3	7.2
SIDEWINDER (IS-TF-138)	8.3	7.3	6.0	7.2
SPEEDWAY (STR-8BPDx)	9.0	6.3	6.3	7.2
BRAVEHEART (DP 50-9407)	8.7	7.7	5.0	7.1
FALCON NG (CE 1)	7.0	7.3	7.0	7.1
FINELAWN XPRESS (RP 2)	8.0	7.3	6.0	7.1
FIRECRACKER LS (MVS-MST)	8.7	7.3	5.3	7.1
RK 4	8.3	7.7	5.3	7.1
VAN GOGH (LTP-RK2)	7.7	6.7	7.0	7.1
FAITH (K06-WA)	8.7	6.7	5.7	7.0
IS-TF-159	8.0	7.3	5.7	7.0
MONET (LTP-610 CL)	8.0	7.0	6.0	7.0
GREENBROOKS (TG 50-9460)	8.3	6.0	6.3	6.9
HEMI	8.7	6.0	6.0	6.9
RAPTOR II (MVS-TF-158)	8.3	7.3	5.0	6.9
ROCKET (IS-TF-147)	8.7	6.3	5.7	6.9
SHENANDOAH ELITE (RK 6)	8.3	6.7	5.7	6.9
SPYDER LS (Z-2000)	8.0	6.3	6.3	6.9
TITANIUM LS (MVS-BB-1)	7.7	7.0	6.0	6.9
BGR-TF2	6.0	7.0	7.3	6.8
FIRENZA	7.7	6.0	6.7	6.8
GO-1BFD	7.3	6.3	6.7	6.8
J-140	8.0	6.3	6.0	6.8
PEDIGREE (ATF-1199)	8.0	6.3	6.0	6.8
REMBRANDT	7.7	7.7	5.0	6.8
RENOVATE (LS-11)	7.3	7.3	5.7	6.8
RK 5	9.0	5.3	6.0	6.8
BILTMORE	7.3	7.3	5.3	6.7

TABLE 33. BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/
2009 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
MVS-1107	7.0	7.3	5.7	6.7
REUNION (LS-03)	8.0	5.7	6.3	6.7
GE-1	7.0	7.7	5.0	6.6
SHENANDOAH III (SH 3)	7.0	7.7	5.0	6.6
TURBO	8.7	6.3	4.7	6.6
06-DUST	6.7	7.0	5.7	6.4
HUNTER	7.7	7.0	4.7	6.4
PSG-82BR	7.3	7.0	5.0	6.4
PSG-TTST	7.7	5.7	6.0	6.4
ESSENTIAL (IS-TF-154)	7.7	5.7	5.7	6.3
GAZELLE II (PST-5HP)	7.0	5.7	6.3	6.3
REBEL IV	7.0	6.7	5.3	6.3
CEZANNE RZ (LTP-CRL)	7.0	6.7	5.0	6.2
STR-8BB5	8.3	5.7	4.7	6.2
TULSA TIME (TULSA III)	7.3	5.7	5.7	6.2
AST7003	6.7	6.7	5.0	6.1
BGR-TF1	7.3	7.3	3.7	6.1
COMPETE (LS-06)	7.0	6.3	5.0	6.1
ESCALADE	6.3	7.0	5.0	6.1
FALCON IV	6.0	6.3	6.0	6.1
KY-31	7.3	6.3	4.7	6.1
JT-41	7.0	6.3	4.7	6.0
PSG-RNDR	6.7	6.0	5.3	6.0
ATF 1328	7.0	6.0	4.7	5.9
COL-1	6.3	7.3	4.0	5.9
JUSTICE	6.7	5.0	6.0	5.9
TURBO RZ (BURL-TF8)	7.3	5.7	4.7	5.9
AST9001 (AST-3)	6.7	7.3	3.3	5.8
BAR FA 6363	7.3	6.7	3.3	5.8
HONKY TONK (RAD-TF17)	7.7	6.3	3.3	5.8
J-130	8.3	4.7	4.3	5.8
KZ-1	7.3	6.7	3.3	5.8
KZ-2	7.3	6.7	3.3	5.8
MVS-341	8.0	4.3	5.0	5.8
RHAMBLER SRP (RHAMBLER)	7.3	5.7	4.3	5.8
UMBRELLA (DP 50-9411)	6.3	6.7	4.3	5.8
CANNAVARO (DP 50-9440)	7.7	5.0	4.3	5.7
HUDSON (DKS)	6.0	7.0	4.0	5.7
NINJA 3 (ATF 1247)	7.0	6.3	3.7	5.7
PADRE	7.7	5.0	4.3	5.7

TABLE 33. BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/
2009 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
PSG-85QR	7.0	5.7	4.3	5.7
SKYLINE	6.7	6.3	4.0	5.7
AST1001 (AST-4)	7.0	5.3	4.3	5.6
CORONA (COL-M)	7.7	5.0	4.0	5.6
JT-36	7.3	4.7	4.7	5.6
JT-42	7.0	7.0	2.7	5.6
JT-45	7.7	4.7	4.3	5.6
RNP	6.3	6.0	4.3	5.6
STETSON II (NA-SS)	8.0	5.0	3.7	5.6
AST9002 (AST-2)	6.3	6.0	4.0	5.4
MAGELLAN	7.0	5.3	4.0	5.4
SILVERADO	7.7	5.3	3.3	5.4
06-WALK	6.0	5.0	5.0	5.3
EINSTEIN	7.7	5.0	3.3	5.3
AST9003 (AST-1)	6.7	4.7	4.3	5.2
CROSSFIRE 3 (COL-J)	7.7	3.3	4.7	5.2
GWTF	6.7	6.0	3.0	5.2
AST 7002	7.3	4.0	4.0	5.1
DARLINGTON (CS-TF1)	7.0	4.3	4.0	5.1
FAT CAT (IS-TF-161)	7.3	4.3	3.7	5.1
PSG-TTRH	5.7	4.3	5.3	5.1
TERRIER (IS-TF-135)	8.0	5.0	2.3	5.1
TOCCOA (IS-TF-151)	7.7	5.7	2.0	5.1
TRIO (IS-TF-152)	7.0	5.7	2.7	5.1
0312	6.0	4.0	4.3	4.8
AST 7001	7.3	3.7	3.3	4.8
BAR FA 6253	8.3	4.0	2.0	4.8
JT-33	6.0	4.7	3.7	4.8
STR-8GRQR	6.0	4.3	4.0	4.8
LINDBERGH	6.7	4.0	3.3	4.7
TAHOE II	7.0	3.7	3.3	4.7
PLATO	4.7	3.7	3.3	3.9
ARISTOTLE	5.0	2.3	2.3	3.2
LSD VALUE	1.7	3.3	3.0	1.4
C.V. (%)	12.6	25.3	30.7	13.6

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

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

TABLE 34. PERCENT POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
 AT PUYALLUP, WA 2/
 2009 DATA

NAME	APRIL	SEPTEMBER	MEAN
ARISTOTLE	66.7	70.0	68.3
O312	60.0	63.3	61.7
KY-31	50.0	73.3	61.7
KZ-2	56.7	66.7	61.7
O6-DUST	56.7	63.3	60.0
AST 7002	56.7	63.3	60.0
GWTF	63.3	56.7	60.0
HUDSON (DKS)	60.0	60.0	60.0
PLATO	63.3	56.7	60.0
KZ-1	60.0	56.7	58.3
PSG-RNDR	56.7	60.0	58.3
REMBRANDT	56.7	60.0	58.3
REUNION (LS-03)	56.7	60.0	58.3
SPYDER LS (Z-2000)	63.3	53.3	58.3
HUNTER	56.7	56.7	56.7
LINDBERGH	53.3	60.0	56.7
PSG-TTST	50.0	63.3	56.7
TOCCOA (IS-TF-151)	56.7	56.7	56.7
BILTMORE	53.3	56.7	55.0
EINSTEIN	53.3	56.7	55.0
HONKY TONK (RAD-TF17)	56.7	53.3	55.0
TAHOE II	56.7	53.3	55.0
TULSA TIME (TULSA III)	50.0	60.0	55.0
AST 7001	50.0	56.7	53.3
ATF 1328	60.0	46.7	53.3
BGR-TF1	40.0	66.7	53.3
CROSSFIRE 3 (COL-J)	50.0	56.7	53.3
BGR-TF2	43.3	60.0	51.7
CANNAVARO (DP 50-9440)	50.0	53.3	51.7
GREENBROOKS (TG 50-9460)	50.0	53.3	51.7
MAGELLAN	53.3	50.0	51.7
TALLADEGA (RP 3)	50.0	53.3	51.7
TURBO RZ (BURL-TF8)	56.7	46.7	51.7
AST1001 (AST-4)	53.3	46.7	50.0
AST7003	53.3	46.7	50.0
CORONA (COL-M)	53.3	46.7	50.0
RAPTOR II (MVS-TF-158)	46.7	53.3	50.0
SILVERADO	50.0	50.0	50.0
STETSON II (NA-SS)	46.7	53.3	50.0
TERRIER (IS-TF-135)	46.7	53.3	50.0
TURBO	53.3	45.0	49.2
BAR FA 6253	53.3	43.3	48.3

TABLE 34. PERCENT POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
 (CONT'D) AT PUYALLUP, WA 2/
 2009 DATA

NAME	APRIL	SEPTEMBER	MEAN
COMPETE (LS-06)	46.7	50.0	48.3
JT-42	50.0	46.7	48.3
JUSTICE	50.0	46.7	48.3
REBEL IV	50.0	46.7	48.3
GARRISON (IS-TF-153)	50.0	45.0	47.5
JT-41	46.7	48.3	47.5
STR-8GRQR	46.7	48.3	47.5
COCHISE IV (RKCL)	46.7	46.7	46.7
FALCON V (ATM)	50.0	43.3	46.7
GE-1	43.3	50.0	46.7
JT-33	46.7	46.7	46.7
RENOVATE (LS-11)	50.0	43.3	46.7
RK 5	53.3	40.0	46.7
TITANIUM LS (MVS-BB-1)	40.0	53.3	46.7
UMBRELLA (DP 50-9411)	50.0	43.3	46.7
06-WALK	46.7	43.3	45.0
AST9001 (AST-3)	46.7	43.3	45.0
ESCALADE	46.7	43.3	45.0
FALCON IV	50.0	40.0	45.0
FAT CAT (IS-TF-161)	43.3	46.7	45.0
JT-36	50.0	40.0	45.0
RNP	43.3	46.7	45.0
MONET (LTP-610 CL)	53.3	35.0	44.2
AST9002 (AST-2)	40.0	46.7	43.3
AST9003 (AST-1)	40.0	46.7	43.3
BAR FA 6363	50.0	36.7	43.3
BULLSEYE	46.7	40.0	43.3
COL-1	40.0	46.7	43.3
J-140	43.3	43.3	43.3
BRAVEHEART (DP 50-9407)	50.0	33.3	41.7
IS-TF-159	43.3	40.0	41.7
PEDIGREE (ATF-1199)	43.3	40.0	41.7
GO-1BFD	33.3	48.3	40.8
J-130	43.3	38.3	40.8
ROCKET (IS-TF-147)	36.7	45.0	40.8
DARLINGTON (CS-TF1)	36.7	43.3	40.0
FALCON NG (CE 1)	36.7	43.3	40.0
MVS-1107	50.0	30.0	40.0
NINJA 3 (ATF 1247)	40.0	40.0	40.0
SKYLINE	43.3	36.7	40.0
CEZANNE RZ (LTP-CRL)	40.0	38.3	39.2
RK 4	46.7	31.7	39.2

TABLE 34. PERCENT POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT PUYALLUP, WA 2/
2009 DATA

NAME	APRIL	SEPTEMBER	MEAN
SIDEWINDER (IS-TF-138)	46.7	31.7	39.2
FINELAWN XPRESS (RP 2)	40.0	36.7	38.3
HEMI	43.3	33.3	38.3
MVS-341	33.3	43.3	38.3
ESSENTIAL (IS-TF-154)	40.0	33.3	36.7
JT-45	43.3	30.0	36.7
MUSTANG 4 (M4)	36.7	36.7	36.7
FAITH (K06-WA)	36.7	35.0	35.8
FIRECRACKER LS (MVS-MST)	40.0	31.7	35.8
PADRE	43.3	28.3	35.8
PSG-85QR	43.3	28.3	35.8
STR-8BB5	40.0	31.7	35.8
SHENANDOAH III (SH 3)	36.7	33.3	35.0
WOLFPACK II (PST-5WMB)	33.3	36.7	35.0
JAMBOREE (IS-TF-128)	33.3	35.0	34.2
SPEEDWAY (STR-8BPDx)	46.7	21.7	34.2
SR 8650 (STR-8LMM)	36.7	30.0	33.3
GAZELLE II (PST-5HP)	36.7	26.7	31.7
PSG-TTRH	36.7	26.7	31.7
TRIO (IS-TF-152)	33.3	30.0	31.7
PSG-82BR	36.7	25.0	30.8
RHAMBLER SRP (RHAMBLER)	40.0	21.7	30.8
SHENANDOAH ELITE (RK 6)	36.7	25.0	30.8
FIRENZA	36.7	23.3	30.0
VAN GOGH (LTP-RK2)	33.3	26.7	30.0
TRAVERSE SRP (RK-1)	36.7	21.7	29.2
CATELYST (NA-BT-1)	30.0	26.7	28.3
LS 1200 (SC-1)	33.3	20.0	26.7
3RD MILLENNIUM SRP	33.3	15.0	24.2
LSD VALUE	25.3	39.1	24.6
C.V. (%)	23.5	37.5	25.8

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
 2009 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	QUALITY		NAME	QUALITY	
	MEAN 1/	MAXIMUM IN TOP 25% 2/		MEAN 1/	MAXIMUM IN TOP 25% 2/
0312	5.6	3.7	GREENBROOKS (TG 50-9460)	6.2	33.3
06-DUST	5.8	3.7	GWTF	6.0	14.8
06-WALK	5.6	0.0	HEMI	6.3	55.6
3RD MILLENNIUM SRP	6.4	55.6	HONKY TONK (RAD-TF17)	5.9	7.4
ARISTOTLE	5.2	0.0	HUDSON (DKS)	5.9	11.1
AST 7001	5.7	7.4	HUNTER	5.7	11.1
AST 7002	5.9	3.7	IS-TF-159	6.2	44.4
AST1001 (AST-4)	5.8	7.4	J-130	5.9	14.8
AST7003	5.8	7.4	J-140	6.1	14.8
AST9001 (AST-3)	5.9	14.8	JAMBOREE (IS-TF-128)	6.2	40.7
AST9002 (AST-2)	5.9	14.8	JT-33	5.8	18.5
AST9003 (AST-1)	5.9	7.4	JT-36	5.9	18.5
ATF 1328	5.9	14.8	JT-41	5.8	3.7
BAR FA 6253	5.9	18.5	JT-42	5.8	7.4
BAR FA 6363	5.6	3.7	JT-45	5.8	0.0
BGR-TF1	6.0	18.5	JUSTICE	6.0	22.2
BGR-TF2	6.0	18.5	KY-31	3.4	0.0
BILTMORE	5.6	0.0	KZ-1	6.0	25.9
BRAVEHEART (DP 50-9407)	6.3	48.1	KZ-2	5.8	11.1
BULLSEYE	6.5	74.1	LINDBERGH	5.5	0.0
CANNAVARO (DP 50-9440)	6.2	48.1	LS 1200 (SC-1)	6.5	81.5
CATELYST (NA-BT-1)	6.4	63.0	MAGELLAN	5.7	11.1
CEZANNE RZ (LTP-CRL)	6.1	22.2	MONET (LTP-610 CL)	6.5	74.1
COCHISE IV (RKCL)	6.5	51.9	MUSTANG 4 (M4)	6.3	55.6
COL-1	5.9	3.7	MVS-1107	5.9	18.5
COMPETE (LS-06)	5.9	11.1	MVS-341	5.8	3.7
CORONA (COL-M)	6.1	25.9	NINJA 3 (ATF 1247)	5.9	11.1
CROSSFIRE 3 (COL-J)	5.9	14.8	PADRE	5.8	11.1
DARLINGTON (CS-TF1)	5.9	7.4	PEDIGREE (ATF-1199)	6.1	14.8
EINSTEIN	5.7	3.7	PLATO	5.3	0.0
ESCALADE	6.0	14.8	PSG-82BR	6.1	18.5
ESSENTIAL (IS-TF-154)	6.3	51.9	PSG-85QR	6.1	25.9
FAITH (K06-WA)	6.4	66.7	PSG-RNDR	5.6	0.0
FALCON IV	5.9	14.8	PSG-TTRH	5.8	14.8
FALCON NG (CE 1)	5.9	3.7	PSG-TTST	5.3	0.0
FALCON V (ATM)	6.6	74.1	RAPTOR II (MVS-TF-158)	6.2	33.3
FAT CAT (IS-TF-161)	6.1	14.8	REBEL IV	5.9	7.4
FINELAWN XPRESS (RP 2)	6.2	40.7	REMBRANDT	5.8	3.7
FIRECRACKER LS (MVS-MST)	6.4	63.0	RENOVATE (LS-11)	6.0	22.2
FIRENZA	6.3	29.6	REUNION (LS-03)	6.0	22.2
GARRISON (IS-TF-153)	6.3	37.0	RHAMBLER SRP (RHAMBLER)	6.4	59.3
GAZELLE II (PST-5HP)	6.2	33.3	RK 4	6.4	59.3
GE-1	6.0	18.5	RK 5	6.5	74.1
GO-1BFD	5.7	11.1	RNP	5.9	11.1

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
 (CONT'D) 2009 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
ROCKET (IS-TF-147)	6.2	37.0
SHENANDOAH ELITE (RK 6)	6.3	63.0
SHENANDOAH III (SH 3)	6.4	66.7
SIDEWINDER (IS-TF-138)	6.2	44.4
SILVERADO	4.9	0.0
SKYLINE	5.9	3.7
SPEEDWAY (STR-8BPDx)	6.4	70.4
SPYDER LS (Z-2000)	6.3	40.7
SR 8650 (STR-8LMM)	6.1	25.9
STETSON II (NA-SS)	5.9	18.5
STR-8BB5	6.2	33.3
STR-8GRQR	5.9	7.4
TAHOE II	5.7	0.0
TALLADEGA (RP 3)	6.3	40.7
TERRIER (IS-TF-135)	6.0	22.2
TITANIUM LS (MVS-BB-1)	6.1	33.3
TOCCOA (IS-TF-151)	6.0	18.5
TRAVERSE SRP (RK-1)	6.2	37.0
TRIO (IS-TF-152)	6.1	33.3
TULSA TIME (TULSA III)	6.0	18.5
TURBO	6.4	48.1
TURBO RZ (BURL-TF8)	5.9	3.7
UMBRELLA (DP 50-9411)	6.0	22.2
VAN GOGH (LTP-RK2)	6.3	37.0
WOLFPACK II (PST-5WMB)	6.5	63.0
LSD VALUE	0.2	
C.V. (%)	8.8	

*/ 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.