

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 2010

<u>State</u>	<u>Location</u>	<u>Code</u>
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
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
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 Titan Rx (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 Integrity (BGR-TF1)	Berger Seed Company
6 Greenbrooks (TG 50-9460)	DLF Trifolium A/S	46 J-130	Pickseed	*86 Xtremegreen (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 Gold Medallion (KZ-1)	KZ Seeds
*13 Cezanne Rz (LTP-CRL)	Lebanon Seaboard Corp.	53 Catalyst (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 Patagonia (GWTF)	Grassland Oregon
18 RK 5	Pennington Seed Company	*58 Falcon V (ATM)	ProSeeds Marketing	*98 Sunset Gold (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 LS 1010 (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 Venture (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 Bladerunner 2 (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 SRP (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 Escalante (G0-1BFD)	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 Tanzania (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 Rendition Rx (PSG-RNDR)	Smith Seed Services		
37 Fat Cat (IS-TF-161)	DLF International Seeds	*77 Titan Ultra (PSG-TTRH)	Smith Seed Services		
38 MVS-341	Mountain View Seeds	*78 Speedway (STR-8BPDJ)	Seed Research of Oregon		
39 MVS-1107	Mountain View Seeds	*79 Rembrandt	Standard Entry		
*40 Titanium LS (MVS-BB-1)	Mountain View Seeds	*80 KY-41 (JT-41)	Jacklin Seed by Simplot		

* COMMERCIALY AVAILABLE IN THE USA IN 2012.

TABLE A.

2011 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
CA3	SANDY LOAM	7.1-7.5	0-60	0-150	4.1-5.0	FULL SUN	1.6-2.0	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	UNIFORM SHADE	2.6-3.0	TO PREVENT DORMANCY
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	451+	501+	2.1-3.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
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	61-150	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
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	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	61-150	241-375	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	6.1-6.5	61-150	241-375	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
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	SILT LOAM AND SILT	5.6-6.0	-	-	1.1-2.0	FULL SUN	3.1-3.5	NO IRRIGATION
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	-	-	-	-	-	-	-	-
VA1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
VA4	SANDY LOAM	4.6-5.5	61-150	241-375	2.1-3.0	FULL SUN	3.6-4.0	TO PREVENT DORMANCY
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	6.6-7.0	61-150	151-240	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2011

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
CA3	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							
IN1				X	X	X	X	X	X				X		X
KS2				X	X	X	X	X	X	X	X		X	X	
KY1			X	X	X	X	X	X	X	X					
MN1					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
NE1					X	X	X	X	X	X	X		X	X	X
NJ1				X	X	X	X	X	X	X			X	X	X
NJ2				X	X	X	X	X	X	X			X	X	X
NJ3															
NM1			X	X	X	X								X	
NM2			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	
TN1	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
UT1					X	X							X	X	X
VA1		X	X	X	X	X	X	X	X	X					X
VA4			X	X	X	X	X	X	X	X	X		X		
WA3	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 2011

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

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2011

LOCATION	FALL	FALL	FALL	FALL	NET	PERCENT		PERCENT RECOVERY RATINGS			
	COLOR	COLOR	COLOR	COLOR		POA	ANNUA	FROM SUMMER DROUGHT DORMANCY			
	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	BLOTCH	FEBUARY	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CA3											
CA6											
GA1	X	X	X	X							
IA1											
IL1			X								
IL2											
IN1											
KS2				X							
KY1											
MN1											
MO1											
MS1											
NC1											
NE1			X								
NJ1											
NJ2											
* NJ3											
NM1											
NM2											
PA1											
RI1											
TN1											
TX1								X	X	X	X
* UT1											
VA1											
VA4											
WA3					X	X	X	X	X		
WI1											

* MORE TRAFFIC DATA FOR "NJ3" IN TABLE 11 AND MORE PERCENT RECOVERY RATINGS FROM SUMMER DROUGHT DORMANCY FOR "UT1" IN TABLE 36.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT THIRTEEN LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE A" **
 2011 DATA

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

NAME	CA3	CA6	KY1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
* FALCON V (ATM)	5.9	4.6	7.3	5.4	7.2	6.2	5.9	5.9	5.0	8.1	5.1	6.5	3.7	5.9
* FAITH (K06-WA)	5.2	4.8	7.1	6.2	6.9	6.8	5.9	6.1	4.3	8.0	5.3	6.7	3.5	5.9
LS 1200 (SC-1)	5.0	4.6	7.3	5.9	6.8	5.3	6.4	5.8	4.9	7.3	5.5	7.0	3.6	5.8
* RK 4	5.5	4.4	6.8	6.2	6.7	5.7	6.0	5.9	5.3	7.3	5.6	6.7	3.6	5.8
* MONET (LTP-610 CL)	5.6	4.7	6.8	6.4	6.8	5.9	5.9	6.0	4.9	7.3	5.0	6.7	3.5	5.8
* SPEEDWAY (STR-8BPDx)	5.5	4.4	6.8	5.4	6.3	7.0	6.3	5.9	5.3	7.5	5.5	5.8	3.5	5.8
* BULLSEYE	5.5	4.6	7.2	5.6	6.8	6.2	6.0	5.7	4.9	7.3	5.4	6.8	3.2	5.8
* FIRECRACKER LS (MVS-MST)	5.7	5.0	7.2	5.4	6.6	5.6	6.1	6.1	4.9	7.8	4.6	6.7	3.6	5.8
* TURBO	5.1	4.7	7.0	5.9	6.7	6.3	6.0	5.8	4.8	7.7	5.5	6.3	3.2	5.8
RK 5	5.5	4.6	6.9	5.6	6.6	6.1	6.0	6.0	5.0	7.9	5.2	6.3	3.4	5.8
* WOLFPACK II (PST-5WMB)	5.1	4.6	6.8	5.3	6.7	6.0	6.0	6.0	5.3	7.7	5.4	6.3	3.8	5.8
JAMBOREE (IS-TF-128)	5.2	4.7	7.3	6.1	6.7	6.6	6.0	5.9	4.4	7.4	5.0	6.0	3.4	5.8
* COCHISE IV (RKCL)	5.3	4.6	7.0	6.1	6.6	5.6	6.0	6.1	4.2	7.9	5.3	6.8	3.3	5.8
* VAN GOGH (LTP-RK2)	5.5	4.6	6.8	6.0	6.7	6.1	5.9	6.1	4.7	7.2	5.4	6.3	3.5	5.8
CATALYST (NA-BT-1)	6.2	4.7	6.9	5.2	6.8	5.9	6.2	5.6	4.0	7.8	5.5	6.3	3.5	5.7
* ESSENTIAL (IS-TF-154)	5.4	4.8	6.8	6.2	6.8	5.3	6.1	5.9	4.7	7.9	4.8	6.2	3.7	5.7
* HEMI	5.7	4.4	6.9	5.6	6.6	5.2	6.3	5.9	5.3	7.3	5.2	6.2	3.5	5.7
* RHAMBLER SRP (RHAMBLER)	5.3	4.4	7.0	5.6	6.7	6.9	5.8	5.7	4.2	7.3	5.5	6.0	3.8	5.7
* SHENANDOAH III (SH 3)	5.3	4.4	6.9	6.1	6.5	6.1	6.0	5.2	4.8	7.4	5.3	6.0	3.5	5.7
* MUSTANG 4 (M4)	5.2	4.4	6.8	5.3	6.8	6.2	6.5	5.7	4.4	7.2	5.1	6.5	3.6	5.7
* BLADERUNNER 2 (PSG-85QR)	5.2	4.5	6.5	5.0	6.7	6.3	5.8	6.0	4.5	7.4	5.6	6.3	3.5	5.6
FINELAWN XPRESS (RP 2)	5.1	4.4	6.8	5.9	6.6	6.8	5.8	5.2	4.7	7.4	4.9	6.3	3.3	5.6
* TANZANIA (IS-TF-159)	4.5	4.6	7.1	5.1	6.4	5.8	6.0	5.7	5.0	7.0	5.7	6.7	3.4	5.6
STR-8BB5	5.3	4.2	6.5	5.6	6.8	6.1	6.2	5.1	4.9	6.9	5.6	6.3	3.3	5.6
GARRISON (IS-TF-153)	5.0	4.4	6.6	5.3	6.6	5.8	5.7	5.7	5.1	7.1	5.3	6.7	3.5	5.6
* SHENANDOAH ELITE (RK 6)	5.5	4.2	7.0	5.9	6.7	6.3	5.9	5.4	3.0	7.4	4.7	6.8	3.7	5.6
* VENTURE (J-140)	4.5	4.5	6.4	5.8	6.7	6.7	5.8	5.4	4.7	7.4	5.1	6.0	3.4	5.6
GREENBROOKS (TG 50-9460)	5.0	4.5	6.8	5.1	6.5	6.3	6.3	5.1	5.3	7.8	5.3	5.8	2.7	5.6
* TRIO (IS-TF-152)	4.9	4.4	6.8	5.6	6.7	5.6	6.1	5.4	4.6	6.2	5.3	7.0	3.6	5.6
* TOCCOA (IS-TF-151)	4.2	4.6	6.8	5.7	6.5	5.9	6.0	5.7	5.6	6.2	4.8	7.2	3.1	5.6
FAT CAT (IS-TF-161)	4.5	4.4	6.7	5.6	6.8	5.8	5.9	5.0	5.1	6.5	5.6	7.2	3.3	5.6
PSG-82BR	4.9	4.4	6.7	5.9	6.6	6.3	5.7	5.6	4.8	6.9	5.5	5.5	3.5	5.5
* SIDEWINDER (IS-TF-138)	4.8	4.4	6.9	5.7	6.6	6.1	6.1	5.5	3.8	6.7	5.1	7.3	3.2	5.5
STR-8GRQR	4.9	4.3	6.2	5.6	6.6	6.1	6.0	5.0	5.6	6.7	6.0	5.7	3.4	5.5
* SPYDER LS (Z-2000)	4.9	4.6	7.0	5.2	6.8	5.2	6.0	6.0	3.8	7.0	5.6	6.3	3.4	5.5
CANNAVARO (DP 50-9440)	5.3	4.5	6.7	4.9	6.8	5.1	6.1	5.9	4.6	8.1	4.0	7.3	2.6	5.5
ROCKET (IS-TF-147)	4.7	4.4	6.9	5.8	6.4	6.1	6.0	5.2	5.5	6.8	4.3	6.3	3.3	5.5
* TRAVERSE SRP (RK-1)	4.7	4.7	6.7	5.0	6.7	6.3	5.7	6.0	3.9	7.2	5.3	5.8	3.7	5.5
* FIRENZA	5.1	4.6	6.5	5.8	6.6	6.3	5.8	5.2	4.4	7.0	4.7	6.2	3.4	5.5
BRAVEHEART (DP 50-9407)	4.5	4.4	7.0	4.9	6.8	6.1	6.1	5.5	5.3	6.9	4.8	5.8	3.2	5.5
* RAPTOR II (MVS-TF-158)	4.9	4.3	6.6	5.4	6.7	5.7	6.0	5.4	4.6	7.0	4.5	7.2	3.0	5.5
* ESCALADE	5.1	4.2	6.5	5.8	6.4	5.9	6.1	4.9	4.8	6.5	5.3	6.2	3.2	5.5
* TALLADEGA (RP 3)	4.8	4.5	6.7	5.4	6.6	5.7	6.1	5.5	3.8	6.6	5.6	6.5	3.0	5.4
* TULSA TIME (TULSA III)	5.1	4.3	6.2	5.6	6.6	5.2	5.8	5.3	5.3	6.0	5.9	6.3	3.0	5.4

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT THIRTEEN LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE A" **
 2011 DATA

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

NAME	CA3	CA6	KY1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
* GAZELLE II (PST-5HP)	4.9	4.4	6.4	5.2	6.6	6.2	5.7	4.8	4.4	6.7	5.2	6.0	4.0	5.4
* 3RD MILLENNIUM SRP	5.2	4.5	6.3	5.4	6.6	5.9	5.9	4.9	3.4	6.9	5.5	6.3	3.7	5.4
* CEZANNE RZ (LTP-CRL)	5.1	4.2	6.5	5.5	6.5	5.9	5.8	4.6	5.3	6.1	5.4	6.2	3.4	5.4
UMBRELLA (DP 50-9411)	4.6	4.4	6.3	5.9	6.3	5.1	6.0	5.0	5.4	5.8	5.2	6.7	3.6	5.4
FALCON NG (CE 1)	5.0	4.4	6.0	6.0	6.6	6.6	5.5	5.1	4.7	6.7	5.3	5.7	2.7	5.4
* GOLD MEDALLION (KZ-1)	4.9	4.3	6.4	5.2	6.6	5.7	6.0	4.7	5.4	6.1	4.8	7.0	3.2	5.4
TERRIER (IS-TF-135)	5.2	4.4	6.7	5.0	6.5	5.3	5.8	5.7	5.1	6.7	3.9	6.8	2.8	5.4
* PEDIGREE (ATF-1199)	4.6	4.5	6.3	5.5	6.6	5.9	5.9	4.8	5.3	6.3	5.3	6.2	3.0	5.4
* HONKY TONK (RAD-TF17)	4.5	4.4	6.1	5.4	6.1	6.1	5.9	5.1	4.7	5.8	5.8	6.5	3.5	5.4
* LS 1010 (ATF 1328)	4.7	4.2	6.0	5.5	6.5	6.1	5.9	4.7	6.2	5.8	5.3	6.3	2.8	5.4
* TITANIUM LS (MVS-BB-1)	4.7	4.4	6.5	5.6	6.6	5.7	5.8	4.8	4.8	6.7	5.4	5.5	3.2	5.4
CORONA (COL-M)	5.3	4.3	6.7	5.4	6.4	6.0	6.0	4.4	4.5	6.4	4.5	6.8	3.0	5.4
GE-1	4.8	4.3	6.3	5.3	6.4	6.0	5.9	4.7	5.3	5.7	5.6	5.8	3.2	5.3
J-130	4.7	4.1	6.0	5.4	6.5	6.1	5.9	4.7	4.5	6.0	5.2	7.0	3.2	5.3
* NINJA 3 (ATF 1247)	4.4	4.8	6.1	5.9	6.6	5.8	5.9	4.9	5.2	5.4	5.7	5.8	2.9	5.3
* FALCON IV	4.5	4.4	6.2	5.1	6.5	6.6	5.8	4.7	5.1	6.3	4.8	6.2	3.2	5.3
* SR 8650 (STR-8LMM)	4.7	4.4	6.5	4.9	6.4	5.6	6.1	4.5	5.3	6.5	4.4	6.5	3.4	5.3
* KY-41 (JT-41)	4.5	4.4	6.0	5.3	6.4	6.1	6.0	4.9	4.4	6.1	5.3	6.7	3.1	5.3
* INTEGRITY (BGR-TF1)	4.5	4.4	6.0	5.7	6.2	5.7	6.3	4.6	4.8	5.9	4.6	7.3	2.9	5.3
BAR FA 6253	4.6	4.4	6.3	5.4	6.4	5.8	6.1	4.3	5.1	6.1	4.8	6.2	3.2	5.3
* AST9002 (AST-2)	4.6	4.3	6.3	5.7	6.4	5.9	5.9	4.2	4.3	5.8	5.2	7.5	2.9	5.3
* SKYLINE	4.7	4.6	6.4	5.2	6.4	5.7	5.9	4.7	5.1	5.6	5.1	6.2	3.5	5.3
* RENOVATE (LS-11)	4.9	4.4	5.8	5.4	6.6	5.9	5.9	4.9	4.3	5.4	5.0	7.2	3.2	5.3
* DARLINGTON (CS-TF1)	4.7	4.2	6.0	5.1	6.0	6.0	6.0	4.3	4.8	5.9	5.1	7.2	3.3	5.3
* RNP	4.5	4.3	6.5	5.7	6.0	5.7	5.9	4.5	3.6	5.7	5.1	7.8	3.1	5.3
JT-36	4.6	4.3	6.2	5.2	6.5	6.1	5.9	3.9	4.6	6.1	5.2	6.8	3.2	5.3
* JUSTICE	4.6	4.2	5.9	5.3	6.6	6.1	5.9	5.1	4.4	6.4	5.8	5.3	2.9	5.3
* PATAGONIA (GWTF)	4.3	4.0	6.5	5.3	6.2	5.7	6.0	4.7	4.8	5.8	5.4	6.5	3.1	5.3
MVS-1107	4.6	4.4	6.1	5.4	6.5	5.1	6.3	4.6	5.3	6.3	5.1	5.2	3.3	5.3
STETSON II (NA-SS)	4.0	4.5	5.8	5.3	6.6	6.0	6.2	4.4	4.6	5.3	5.4	7.2	3.0	5.2
* TURBO RZ (BURL-TF8)	4.3	4.6	5.8	5.7	6.6	5.6	5.9	4.8	4.9	5.9	4.6	6.0	3.4	5.2
* AST 7002	4.5	4.2	6.1	5.4	6.6	5.1	5.6	4.7	5.2	5.8	4.9	6.8	3.1	5.2
06-DUST	4.5	4.5	6.1	5.2	6.6	5.5	6.1	4.3	4.2	6.2	5.7	5.8	3.2	5.2
JT-42	4.9	4.4	5.9	5.4	6.5	5.2	6.0	5.0	4.4	5.7	4.8	6.7	3.0	5.2
* COMPETE (LS-06)	4.0	4.4	5.8	5.7	6.5	5.8	5.8	4.4	4.5	5.8	4.7	7.0	3.3	5.2
* SUNSET GOLD (KZ-2)	4.1	4.6	6.3	5.2	6.5	5.6	5.8	4.3	4.7	6.1	4.7	6.8	2.9	5.2
* HUDSON (DKS)	4.5	4.4	6.0	5.3	6.4	5.3	6.0	4.1	5.8	5.6	4.4	7.0	2.7	5.2
* REUNION (LS-03)	4.5	4.3	6.8	5.4	6.4	5.6	6.2	4.4	4.4	5.4	4.3	6.7	3.0	5.2
COL-1	5.0	4.2	6.5	4.8	6.4	5.4	6.0	4.3	4.0	6.3	4.4	6.8	3.0	5.2
* REMBRANDT	4.5	4.1	5.3	5.7	6.4	6.3	6.0	4.3	4.7	5.7	5.6	5.3	3.0	5.2
* REBEL IV	4.6	4.2	5.7	4.9	6.4	6.1	6.0	4.7	4.0	6.1	5.2	5.8	3.3	5.2
JT-45	4.7	4.3	6.3	5.0	6.1	5.0	5.9	4.9	4.3	6.0	4.7	6.7	3.3	5.2
CROSSFIRE 3 (COL-J)	4.5	4.1	6.2	5.4	6.4	5.3	5.9	4.3	4.8	6.1	4.2	7.0	2.8	5.2
* XTREMEGREEN (BGR-TF2)	4.5	4.2	6.1	5.2	6.5	5.0	6.1	4.5	5.6	5.4	4.5	6.5	2.9	5.2
* MAGELLAN	4.7	4.2	5.3	5.4	6.6	6.3	5.8	4.5	5.7	5.3	4.9	5.0	3.2	5.1

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THIRTEEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2011 DATA

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

NAME	CA3	CA6	KY1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
* AST9001 (AST-3)	4.5	4.1	6.5	5.7	6.2	5.2	6.0	4.3	4.4	6.0	4.1	7.0	2.9	5.1
* AST7003 MVS-341	4.6	4.2	6.0	4.7	6.3	5.1	5.8	4.4	4.8	5.3	5.2	6.8	3.4	5.1
* AST9003 (AST-1)	4.4	4.4	5.6	4.9	6.2	5.3	6.0	4.5	4.6	5.7	5.9	6.0	3.2	5.1
AST1001 (AST-4)	4.2	4.4	6.2	5.7	6.2	4.7	5.9	4.1	4.3	5.8	4.9	6.7	3.4	5.1
* ESCALANTE (GO-1BFD)	4.5	4.2	6.1	5.5	6.3	5.1	5.9	4.1	4.4	5.8	4.5	7.2	2.9	5.1
JT-33	4.8	4.1	5.9	4.7	6.6	6.2	5.7	4.6	5.0	5.4	5.0	4.7	3.3	5.1
* TAHOE II	4.7	4.3	6.0	5.2	6.1	5.6	6.0	4.1	4.2	5.8	4.6	6.3	3.2	5.1
* PADRE	4.3	4.3	6.3	4.7	6.2	5.7	5.9	4.8	5.2	5.1	4.9	5.8	3.0	5.1
* TITAN ULTRA (PSG-TTRH)	4.8	4.2	5.8	5.4	6.5	5.8	6.0	3.9	4.3	5.6	4.3	5.7	3.6	5.1
BAR FA 6363	4.7	4.2	5.8	5.0	6.3	6.1	6.0	4.5	4.3	5.3	3.8	6.3	3.1	5.0
* AST 7001	4.3	4.2	5.5	5.2	6.5	5.4	5.9	5.0	5.3	4.1	5.3	6.0	3.0	5.0
* EINSTEIN	3.9	4.2	5.9	5.5	6.1	5.0	6.0	4.2	4.6	5.4	4.9	6.7	2.9	5.0
* LINDBERGH	4.4	4.3	5.7	4.9	6.4	5.0	5.6	4.2	5.3	4.9	5.4	5.7	2.9	5.0
06-WALK	4.6	4.1	5.2	4.9	6.5	5.6	5.8	4.0	5.4	4.9	5.6	5.2	2.8	5.0
* RENDITION RX (PSG-RNDR)	4.3	4.1	6.0	4.9	6.1	5.5	6.0	4.0	5.0	4.9	4.7	5.5	2.9	4.9
* TITAN RX (PSG-TTST)	4.8	4.3	5.6	4.9	6.2	4.9	5.8	4.3	4.3	5.3	4.5	6.0	2.7	4.9
0312	4.8	3.9	5.4	4.6	6.5	6.3	5.8	3.8	4.3	4.3	5.5	5.2	2.9	4.9
* HUNTER	4.7	4.1	5.9	4.7	6.2	4.8	6.0	4.2	4.3	5.2	4.4	6.3	2.7	4.9
* PLATO	4.6	4.1	5.7	5.4	6.2	5.3	5.7	3.5	4.0	5.0	4.6	6.0	3.2	4.9
* BILTMORE	4.8	4.2	5.4	4.1	6.2	5.4	5.7	3.7	4.5	5.3	5.4	5.0	2.9	4.8
* ARISTOTLE	4.3	4.0	5.4	4.8	6.4	5.4	5.8	3.6	4.5	5.3	4.6	5.3	2.7	4.8
* SILVERADO	4.1	3.8	5.5	4.6	5.6	5.5	5.6	3.9	5.0	4.0	5.0	4.8	2.9	4.6
* KY-31	4.2	4.0	5.2	3.0	5.6	4.7	5.3	3.2	4.8	3.9	4.8	4.0	2.9	4.3
	4.0	2.0	3.3	1.4	4.2	3.2	4.3	3.0	3.3	1.3	2.9	2.0	2.2	2.9
LSD VALUE	0.7	0.4	0.5	0.8	0.5	1.1	0.4	0.8	1.4	0.7	1.3	0.8	0.7	0.2
C.V. (%)	9.5	6.0	5.3	9.8	4.5	11.5	4.1	10.0	18.7	6.6	16.3	8.3	14.0	9.8

* COMMERCIALY AVAILABLE IN THE USA IN 2012.

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 TWELVE LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" *
 2011 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
CATALYST (NA-BT-1)	4.8	6.5	6.3	7.3	2.9	5.3	7.4	6.3	7.5	5.9	6.7	8.1	6.2
BULLSEYE	4.5	6.4	6.4	7.4	3.1	5.0	6.8	6.3	7.5	5.8	7.4	7.9	6.2
WOLFPACK II (PST-5WMB)	4.5	6.6	6.6	6.7	3.8	4.7	7.3	6.4	7.4	5.9	6.6	7.7	6.2
TANZANIA (IS-TF-159)	5.3	6.4	6.5	7.1	2.8	4.6	6.9	6.1	7.4	5.2	7.6	7.7	6.1
RHAMBLER SRP (RHAMBLER)	4.8	6.7	6.5	7.3	2.6	4.7	7.3	5.8	7.5	5.7	7.0	7.6	6.1
MONET (LTP-610 CL)	5.2	6.6	6.3	7.0	2.5	4.7	7.7	6.3	7.3	5.4	6.8	7.7	6.1
RK 5	4.4	6.7	6.3	7.1	2.6	4.7	7.6	6.5	7.7	5.8	6.8	7.3	6.1
TRAVERSE SRP (RK-1)	4.5	6.4	6.4	7.1	3.0	4.9	7.2	6.2	7.5	5.6	7.2	7.1	6.1
CORONA (COL-M)	4.9	6.5	6.6	6.9	3.6	4.9	6.2	6.5	7.0	5.5	6.6	7.9	6.1
SIDEWINDER (IS-TF-138)	5.1	6.4	6.2	7.1	2.7	4.6	6.3	6.4	7.6	5.4	7.6	7.7	6.1
HEMI	4.8	6.4	6.5	7.1	2.9	5.2	6.5	6.1	7.4	5.6	6.6	7.5	6.1
FINELAWN XPRESS (RP 2)	4.7	6.6	6.3	7.2	3.4	5.0	6.0	6.2	7.5	5.7	6.5	7.3	6.0
SPYDER LS (Z-2000)	4.9	6.6	6.4	6.9	2.8	4.7	5.6	6.9	7.6	5.8	7.4	6.9	6.0
FALCON V (ATM)	4.4	6.7	6.3	7.1	2.4	4.9	6.8	6.2	7.4	5.9	6.6	7.7	6.0
TULSA TIME (TULSA III)	4.6	6.7	6.5	7.1	2.8	4.9	6.7	5.7	7.1	5.6	6.7	8.0	6.0
FIRENZA	5.3	6.6	6.4	6.9	2.9	5.0	6.6	6.0	7.4	5.6	6.8	6.7	6.0
SHENANDOAH ELITE (RK 6)	4.3	6.5	6.2	7.2	2.8	5.1	6.4	6.4	7.4	5.8	6.6	7.5	6.0
ESSENTIAL (IS-TF-154)	4.2	6.4	6.2	7.2	3.0	4.9	6.9	6.2	7.0	5.5	6.6	7.9	6.0
FAITH (K06-WA)	4.0	6.5	6.0	7.1	3.0	4.4	6.6	6.7	7.5	5.7	6.6	8.1	6.0
MUSTANG 4 (M4)	4.2	6.6	6.4	7.0	2.8	5.2	6.9	6.2	7.2	5.6	7.0	7.0	6.0
GARRISON (IS-TF-153)	4.5	6.4	6.5	7.1	2.7	4.8	6.6	6.6	7.3	5.4	6.7	7.5	6.0
TRIO (IS-TF-152)	4.4	6.6	6.6	7.1	3.0	4.5	5.6	6.5	7.4	5.6	7.7	7.1	6.0
FIRECRACKER LS (MVS-MST)	3.7	6.6	6.4	6.9	3.5	4.1	6.5	6.3	7.5	5.7	6.9	7.9	6.0
GAZELLE II (PST-5HP)	5.3	6.5	6.6	7.1	3.3	4.9	6.0	5.6	7.3	5.6	6.7	7.1	6.0
VENTURE (J-140)	4.6	6.6	6.4	7.2	3.1	4.4	6.1	6.1	7.3	5.6	6.5	7.7	6.0
TURBO	4.3	6.5	6.3	7.3	3.6	4.6	6.7	6.5	7.4	5.7	6.6	6.3	6.0
3RD MILLENNIUM SRP	4.6	6.4	6.2	7.1	2.6	5.0	6.7	6.0	7.1	5.4	7.1	7.5	6.0
RK 4	4.8	6.7	6.5	6.6	3.0	4.2	6.3	6.3	7.4	5.4	6.9	7.7	6.0
VAN GOGH (LTP-RK2)	4.2	6.6	6.3	7.0	2.6	4.6	6.9	6.3	7.3	5.5	7.1	7.1	6.0
LS 1200 (SC-1)	4.8	6.3	6.0	7.3	2.7	4.7	5.3	6.6	7.7	5.9	6.8	7.2	5.9
COCHISE IV (RKCL)	4.1	6.2	6.3	7.1	3.3	4.3	6.7	6.0	7.4	5.5	6.8	7.5	5.9
SPEEDWAY (STR-8BPD)	4.8	6.6	6.4	6.8	2.8	4.8	6.6	6.1	7.3	5.5	6.5	7.0	5.9
TALLADEGA (RP 3)	4.2	6.4	6.9	7.1	3.2	4.9	5.6	6.0	6.9	5.6	6.7	7.5	5.9
STR-8BB5	3.8	6.6	6.5	6.6	3.0	4.9	6.3	5.8	7.3	5.8	6.6	7.9	5.9
CANNAVARO (DP 50-9440)	4.1	6.2	6.3	7.4	2.5	4.7	6.4	6.7	7.2	5.3	6.8	7.3	5.9
SHENANDOAH III (SH 3)	4.0	6.3	6.3	6.9	2.9	4.7	5.5	6.5	7.3	5.7	6.9	7.7	5.9
BLADERUNNER 2 (PSG-85QR)	4.9	6.4	6.3	6.9	3.0	4.8	6.3	6.0	7.3	5.5	6.2	7.1	5.9
GREENBROOKS (TG 50-9460)	4.4	6.7	6.1	7.0	3.1	4.8	5.9	6.4	7.4	5.3	6.6	6.9	5.9
COL-1	3.7	6.3	6.0	6.9	3.8	4.9	6.0	5.8	7.3	5.4	6.7	7.8	5.9
SR 8650 (STR-8LMM)	4.5	6.6	6.6	6.8	3.3	4.7	5.5	6.0	7.3	5.6	6.2	7.5	5.9
BRAVEHEART (DP 50-9407)	5.4	6.7	6.2	6.8	2.8	5.0	6.0	5.9	7.3	5.5	6.7	6.3	5.9
FALCON NG (CE 1)	5.1	6.4	6.3	7.1	2.7	4.5	6.0	5.6	7.4	5.4	6.3	7.5	5.8
REUNION (LS-03)	4.1	6.4	6.6	6.8	3.2	4.5	6.3	5.8	7.0	5.4	6.6	7.6	5.8
REBEL IV	5.1	6.6	6.3	6.8	3.5	4.6	5.1	5.7	7.1	5.4	7.0	7.0	5.8

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" *
 2011 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
XTREMEGREEN (BGR-TF2)	4.9	6.3	6.8	6.4	3.6	4.6	4.9	5.7	7.1	5.4	6.5	7.9	5.8
MVS-1107	5.3	6.6	6.1	6.6	3.4	4.4	6.0	5.7	7.3	5.3	6.4	7.0	5.8
STETSON II (NA-SS)	5.1	6.6	6.5	6.6	2.7	4.6	4.9	6.0	7.3	5.4	6.6	7.7	5.8
JAMBOREE (IS-TF-128)	3.8	6.6	6.2	7.2	2.8	4.4	6.5	6.2	7.3	5.4	6.7	6.7	5.8
CEZANNE RZ (LTP-CRL)	5.2	6.5	6.3	6.6	2.5	4.7	6.3	5.4	7.4	5.3	6.6	7.1	5.8
AST9001 (AST-3)	5.1	6.3	6.2	6.8	3.3	5.0	5.0	6.1	7.2	5.3	6.8	6.8	5.8
TITANIUM LS (MVS-BB-1)	4.4	6.4	6.0	6.7	2.7	4.6	6.2	5.7	7.1	5.5	6.5	8.1	5.8
ROCKET (IS-TF-147)	4.4	6.6	6.5	6.8	2.7	4.9	5.5	5.9	7.1	5.5	6.4	7.5	5.8
INTEGRITY (BGR-TF1)	5.3	6.5	6.4	6.6	2.8	4.7	5.2	5.2	7.1	5.5	6.6	8.0	5.8
STR-8GRQR	4.5	6.6	6.3	6.7	3.4	4.6	5.1	6.0	7.2	5.5	6.6	7.5	5.8
JUSTICE	3.9	6.5	6.7	6.9	3.0	4.7	6.0	5.2	7.1	5.6	7.3	7.0	5.8
BAR FA 6253	4.0	6.5	6.2	6.7	3.2	4.9	5.0	6.4	7.0	5.7	6.8	7.5	5.8
NINJA 3 (ATF 1247)	4.6	6.6	6.5	6.8	2.8	4.7	6.1	5.2	7.1	5.3	6.6	7.3	5.8
CROSSFIRE 3 (COL-J)	3.9	6.8	6.4	7.0	2.9	4.8	5.1	6.0	7.0	5.2	6.7	7.9	5.8
RAPTOR II (MVS-TF-158)	4.5	6.4	6.0	7.2	2.9	4.7	6.0	6.0	7.0	5.4	7.0	6.6	5.8
JT-42	5.4	6.6	6.5	6.7	2.9	4.9	5.1	5.8	7.0	5.3	6.7	6.7	5.8
SKYLINE	5.6	6.4	6.6	6.6	2.4	4.7	5.2	5.7	7.1	5.4	6.7	7.2	5.8
FAT CAT (IS-TF-161)	4.7	6.3	6.6	6.8	3.1	4.5	5.0	5.8	7.1	5.5	6.8	7.5	5.8
TAHOE II	4.6	6.5	6.5	6.7	3.8	4.7	4.8	6.0	6.9	5.3	6.6	7.0	5.8
KY-41 (JT-41)	4.5	6.3	6.3	6.8	2.8	4.9	6.0	5.9	7.1	5.1	6.3	7.4	5.8
06-DUST	4.2	6.4	6.3	6.4	2.7	4.7	5.4	6.0	7.0	5.4	7.0	7.7	5.8
TURBO RZ (BURL-TF8)	3.8	6.2	6.5	6.8	3.6	4.8	5.2	6.1	7.4	5.5	6.7	6.6	5.8
MVS-341	4.7	6.6	6.5	6.6	3.0	4.6	5.0	6.8	7.0	5.1	6.6	6.8	5.8
PSG-82BR	4.5	6.4	6.1	6.8	3.1	4.6	5.4	6.0	7.2	5.4	6.4	7.2	5.8
GE-1	5.7	6.4	6.4	6.6	2.7	4.3	5.5	5.3	7.3	5.5	6.6	6.9	5.8
SUNSET GOLD (KZ-2)	4.8	6.4	6.6	6.8	3.1	4.7	4.8	6.0	7.0	5.3	6.5	6.9	5.8
PATAGONIA (GWTF)	4.7	6.6	6.4	6.9	2.7	4.8	4.7	6.0	7.2	5.3	7.3	6.4	5.7
TOCCOA (IS-TF-151)	4.7	6.5	6.4	7.1	2.8	4.4	4.9	6.0	7.0	5.2	6.5	7.4	5.7
HONKY TONK (RAD-TF17)	4.0	6.3	6.4	6.8	3.3	4.8	5.3	5.6	7.1	5.3	6.7	7.4	5.7
AST9003 (AST-1)	4.3	6.2	6.6	6.9	3.3	4.7	4.6	5.5	7.1	5.6	6.7	7.4	5.7
PEDIGREE (ATF-1199)	4.3	6.5	6.1	7.1	3.5	4.6	4.8	5.6	7.1	5.5	6.7	7.1	5.7
ESCALADE	4.4	6.5	6.3	6.3	2.6	4.6	5.4	5.8	7.0	5.5	6.4	8.0	5.7
HUDSON (DKS)	3.9	6.6	6.4	7.1	3.3	4.5	5.8	5.9	6.9	5.4	6.6	6.4	5.7
RENOVATE (LS-11)	4.6	6.5	6.5	6.9	2.8	4.5	5.2	6.3	6.9	5.4	6.7	6.4	5.7
LS 1010 (ATF 1328)	5.0	6.3	6.5	6.8	2.6	4.3	4.8	6.0	7.3	5.2	6.3	7.6	5.7
AST 7002	4.8	6.5	6.8	6.6	2.7	4.8	5.0	5.9	7.1	5.3	6.6	6.7	5.7
AST1001 (AST-4)	4.8	6.4	6.6	7.2	2.3	4.6	5.1	6.1	7.1	5.3	6.6	6.5	5.7
JT-36	4.6	6.6	6.3	6.8	3.1	4.5	5.3	5.4	7.1	4.9	6.5	7.3	5.7
J-130	4.2	6.3	6.6	6.2	3.1	4.6	4.9	6.0	7.1	5.2	7.5	6.7	5.7
GOLD MEDALLION (KZ-1)	4.5	6.4	6.2	6.8	2.6	4.8	4.6	6.3	6.9	5.5	6.6	7.1	5.7
FALCON IV	5.0	6.3	6.4	6.7	2.7	4.7	5.7	5.5	7.3	5.6	6.5	5.9	5.7
RENDITION RX (PSG-RNDR)	4.7	6.1	6.4	6.7	3.3	4.9	5.0	5.1	7.0	5.6	6.7	6.4	5.7
JT-45	4.3	6.6	6.2	6.8	3.3	4.1	5.9	5.4	6.9	5.1	6.5	6.8	5.7
TERRIER (IS-TF-135)	4.6	6.5	6.3	6.6	3.2	4.5	5.0	5.4	7.0	5.4	6.7	6.5	5.6
HUNTER	4.4	6.4	6.5	6.9	3.6	4.7	4.3	5.4	7.0	4.9	6.7	6.7	5.6

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2011 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
REMBRANDT	4.4	6.6	6.3	6.3	3.7	4.6	4.8	5.7	7.0	5.3	6.5	6.5	5.6
AST 7001	4.7	6.3	6.5	7.0	3.0	4.9	3.9	6.0	7.1	5.2	6.8	6.4	5.6
JT-33	3.7	6.4	6.8	6.9	3.7	4.3	4.7	5.4	6.9	4.9	6.4	7.5	5.6
AST7003	4.3	6.4	6.1	6.8	3.3	4.3	4.6	5.8	7.1	5.3	6.9	6.6	5.6
MAGELLAN	4.7	6.5	6.6	6.4	3.0	4.5	4.1	5.7	7.1	5.5	6.7	6.9	5.6
AST9002 (AST-2)	4.5	6.6	6.4	6.9	2.8	4.4	4.2	5.7	7.1	5.4	6.8	6.3	5.6
DARLINGTON (CS-TF1)	4.4	6.4	6.5	6.6	2.9	4.9	4.2	5.9	7.0	5.2	6.6	6.6	5.6
BAR FA 6363	4.3	6.5	6.7	6.2	3.2	4.6	4.1	5.5	7.2	5.2	6.5	7.1	5.6
COMPETE (LS-06)	4.6	6.4	6.2	7.0	3.1	4.6	5.3	5.4	7.0	5.4	6.3	5.7	5.6
RNP	3.8	6.4	6.8	6.7	2.6	4.4	5.9	5.9	7.1	5.3	6.0	6.1	5.6
TITAN ULTRA (PSG-TTRH)	3.9	6.3	6.3	6.6	3.4	4.3	4.4	5.3	7.1	5.3	6.7	7.4	5.6
UMBRELLA (DP 50-9411)	3.6	6.2	6.2	6.7	2.9	4.7	5.2	6.1	7.3	5.5	6.6	5.9	5.6
BILTMORE	4.3	6.4	6.3	6.3	3.5	4.4	4.6	5.4	7.0	5.0	6.9	6.7	5.6
EINSTEIN	4.4	6.4	6.1	6.6	3.1	4.6	4.2	5.4	7.3	5.1	6.6	6.8	5.6
PADRE	4.4	6.6	6.3	6.4	2.5	4.7	4.3	5.5	7.0	5.1	6.6	7.3	5.6
TITAN RX (PSG-TTST)	4.5	6.2	5.7	6.4	3.4	5.0	4.3	5.2	7.2	5.1	6.6	6.6	5.5
LINDBERGH	4.8	6.1	6.2	6.3	3.3	4.5	4.4	5.0	7.3	5.3	7.1	5.9	5.5
06-WALK	4.1	6.4	6.3	6.1	2.6	4.8	4.6	5.3	6.9	5.2	6.6	7.1	5.5
ESCALANTE (GO-1BFD)	4.4	6.6	6.4	6.5	2.5	4.6	4.3	5.5	7.3	5.4	6.3	6.2	5.5
0312	3.5	6.2	6.4	6.5	3.2	4.8	4.0	5.6	7.0	5.1	6.7	6.1	5.4
ARISTOTLE	4.7	6.7	6.2	6.1	3.4	4.3	3.4	5.0	6.9	4.7	6.5	6.5	5.4
PLATO	4.2	6.2	6.1	6.7	3.0	4.2	3.6	4.9	6.8	5.2	6.6	6.6	5.3
SILVERADO	3.3	6.1	5.5	6.2	2.8	4.4	3.0	3.9	6.7	5.0	6.3	5.4	4.9
KY-31	3.4	4.4	3.1	4.9	2.5	3.5	1.2	2.3	5.7	4.0	5.4	3.3	3.7
LSD VALUE	0.8	0.5	0.5	0.5	0.8	0.6	1.3	0.8	0.4	0.4	0.4	1.7	0.2
C.V. (%)	10.8	4.8	5.3	4.9	17.4	7.5	14.7	8.2	3.6	4.9	3.8	14.9	8.9

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.

*/ 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
 2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
RK 5	7.6	6.0	7.9	6.5	7.0
WOLFPACK II (PST-5WMB)	7.3	6.0	7.7	6.4	6.9
FAITH (K06-WA)	6.6	6.1	8.0	6.7	6.8
MONET (LTP-610 CL)	7.7	6.0	7.3	6.3	6.8
CATALYST (NA-BT-1)	7.4	5.6	7.8	6.3	6.8
CANNAVARO (DP 50-9440)	6.4	5.9	8.1	6.7	6.8
FALCON V (ATM)	6.8	5.9	8.1	6.2	6.8
ESSENTIAL (IS-TF-154)	6.9	5.9	7.9	6.2	6.7
COCHISE IV (RKCL)	6.7	6.1	7.9	6.0	6.7
TURBO	6.7	5.8	7.7	6.5	6.7
FIRECRACKER LS (MVS-MST)	6.5	6.1	7.8	6.3	6.7
TRAVERSE SRP (RK-1)	7.2	6.0	7.2	6.2	6.6
VAN GOGH (LTP-RK2)	6.9	6.1	7.2	6.3	6.6
BULLSEYE	6.8	5.7	7.3	6.3	6.5
RHAMBLER SRP (RHAMBLER)	7.3	5.7	7.3	5.8	6.5
SPEEDWAY (STR-8BPDx)	6.6	5.9	7.5	6.1	6.5
JAMBOREE (IS-TF-128)	6.5	5.9	7.4	6.2	6.5
GARRISON (IS-TF-153)	6.6	5.7	7.1	6.6	6.5
MUSTANG 4 (M4)	6.9	5.7	7.2	6.2	6.5
RK 4	6.3	5.9	7.3	6.3	6.5
HEMI	6.5	5.9	7.3	6.1	6.5
TANZANIA (IS-TF-159)	6.9	5.7	7.0	6.1	6.4
BLADERUNNER 2 (PSG-85QR)	6.3	6.0	7.4	6.0	6.4
SHENANDOAH ELITE (RK 6)	6.4	5.4	7.4	6.4	6.4
SPYDER LS (Z-2000)	5.6	6.0	7.0	6.9	6.4
GREENBROOKS (TG 50-9460)	5.9	5.1	7.8	6.4	6.3
LS 1200 (SC-1)	5.3	5.8	7.3	6.6	6.3
VENTURE (J-140)	6.1	5.4	7.4	6.1	6.3
SIDEWINDER (IS-TF-138)	6.3	5.5	6.7	6.4	6.2
FIRENZA	6.6	5.2	7.0	6.0	6.2
FINELAWN XPRESS (RP 2)	6.0	5.2	7.4	6.2	6.2
SHENANDOAH III (SH 3)	5.5	5.2	7.4	6.5	6.1
RAPTOR II (MVS-TF-158)	6.0	5.4	7.0	6.0	6.1
3RD MILLENNIUM SRP	6.7	4.9	6.9	6.0	6.1
BRAVEHEART (DP 50-9407)	6.0	5.5	6.9	5.9	6.1
STR-8BB5	6.3	5.1	6.9	5.8	6.0
PSG-82BR	5.4	5.6	6.9	6.0	6.0
TRIO (IS-TF-152)	5.6	5.4	6.2	6.5	5.9
TALLADEGA (RP 3)	5.6	5.5	6.6	6.0	5.9
TULSA TIME (TULSA III)	6.7	5.3	6.0	5.7	5.9
CORONA (COL-M)	6.2	4.4	6.4	6.5	5.9
ROCKET (IS-TF-147)	5.5	5.2	6.8	5.9	5.9
TITANIUM LS (MVS-BB-1)	6.2	4.8	6.7	5.7	5.8
FALCON NG (CE 1)	6.0	5.1	6.7	5.6	5.8

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT FOUR LOCATIONS 1/
 IN THE NORTHEAST REGION
 2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
GAZELLE II (PST-5HP)	6.0	4.8	6.7	5.6	5.8
TOCCOA (IS-TF-151)	4.9	5.7	6.2	6.0	5.7
KY-41 (JT-41)	6.0	4.9	6.1	5.9	5.7
STR-8GRQR	5.1	5.0	6.7	6.0	5.7
JUSTICE	6.0	5.1	6.4	5.2	5.7
TERRIER (IS-TF-135)	5.0	5.7	6.7	5.4	5.7
MVS-1107	6.0	4.6	6.3	5.7	5.7
ESCALADE	5.4	4.9	6.5	5.8	5.6
CEZANNE RZ (LTP-CRL)	6.3	4.6	6.1	5.4	5.6
SR 8650 (STR-8LMM)	5.5	4.5	6.5	6.0	5.6
FAT CAT (IS-TF-161)	5.0	5.0	6.5	5.8	5.6
COL-1	6.0	4.3	6.3	5.8	5.6
UMBRELLA (DP 50-9411)	5.2	5.0	5.8	6.1	5.6
FALCON IV	5.7	4.7	6.3	5.5	5.5
JT-45	5.9	4.9	6.0	5.4	5.5
TURBO RZ (BURL-TF8)	5.2	4.8	5.9	6.1	5.5
MVS-341	5.0	4.5	5.7	6.8	5.5
RNP	5.9	4.5	5.7	5.9	5.5
06-DUST	5.4	4.3	6.2	6.0	5.5
REUNION (LS-03)	6.3	4.4	5.4	5.8	5.5
RENOVATE (LS-11)	5.2	4.9	5.4	6.3	5.5
HONKY TONK (RAD-TF17)	5.3	5.1	5.8	5.6	5.4
BAR FA 6253	5.0	4.3	6.1	6.4	5.4
NINJA 3 (ATF 1247)	6.1	4.9	5.4	5.2	5.4
REBEL IV	5.1	4.7	6.1	5.7	5.4
GOLD MEDALLION (KZ-1)	4.6	4.7	6.1	6.3	5.4
J-130	4.9	4.7	6.0	6.0	5.4
JT-42	5.1	5.0	5.7	5.8	5.4
CROSSFIRE 3 (COL-J)	5.1	4.3	6.1	6.0	5.4
PEDIGREE (ATF-1199)	4.8	4.8	6.3	5.6	5.4
AST9001 (AST-3)	5.0	4.3	6.0	6.1	5.4
HUDSON (DKS)	5.8	4.1	5.6	5.9	5.4
AST 7002	5.0	4.7	5.8	5.9	5.3
PATAGONIA (GWTF)	4.7	4.7	5.8	6.0	5.3
GE-1	5.5	4.7	5.7	5.3	5.3
SKYLINE	5.2	4.7	5.6	5.7	5.3
LS 1010 (ATF 1328)	4.8	4.7	5.8	6.0	5.3
AST1001 (AST-4)	5.1	4.1	5.8	6.1	5.3
SUNSET GOLD (KZ-2)	4.8	4.3	6.1	6.0	5.3
INTEGRITY (BGR-TF1)	5.2	4.6	5.9	5.2	5.2
COMPETE (LS-06)	5.3	4.4	5.8	5.4	5.2
TAHOE II	4.8	4.8	5.1	6.0	5.2
JT-36	5.3	3.9	6.1	5.4	5.2
STETSON II (NA-SS)	4.9	4.4	5.3	6.0	5.2
REMBRANDT	4.8	4.3	5.7	5.7	5.1

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS 1/
IN THE NORTHEAST REGION
2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
XTREMEGREEN (BGR-TF2)	4.9	4.5	5.4	5.7	5.1
DARLINGTON (CS-TF1)	4.2	4.3	5.9	5.9	5.1
AST7003	4.6	4.4	5.3	5.8	5.0
AST9003 (AST-1)	4.6	4.1	5.8	5.5	5.0
JT-33	4.7	4.1	5.8	5.4	5.0
AST9002 (AST-2)	4.2	4.2	5.8	5.7	5.0
ESCALANTE (GO-1BFD)	4.3	4.6	5.4	5.5	5.0
RENDITION RX (PSG-RNDR)	5.0	4.3	5.3	5.1	4.9
TITAN ULTRA (PSG-TTRH)	4.4	4.5	5.3	5.3	4.9
MAGELLAN	4.1	4.5	5.3	5.7	4.9
AST 7001	3.9	4.2	5.4	6.0	4.8
PADRE	4.3	3.9	5.6	5.5	4.8
0312	4.0	4.2	5.2	5.6	4.7
BILTMORE	4.6	3.6	5.3	5.4	4.7
06-WALK	4.6	4.0	4.9	5.3	4.7
EINSTEIN	4.2	4.2	4.9	5.4	4.7
BAR FA 6363	4.1	5.0	4.1	5.5	4.7
LINDBERGH	4.4	4.0	4.9	5.0	4.6
HUNTER	4.3	3.5	5.0	5.4	4.6
TITAN RX (PSG-TTST)	4.3	3.8	4.3	5.2	4.4
PLATO	3.6	3.7	5.3	4.9	4.3
ARISTOTLE	3.4	3.9	4.0	5.0	4.0
SILVERADO	3.0	3.2	3.9	3.9	3.5
KY-31	1.2	3.0	1.3	2.3	2.0
LSD VALUE	1.3	0.8	0.7	0.8	0.5
C.V. (%)	14.7	10.0	6.6	8.2	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 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT SIX LOCATIONS 1/
 IN THE TRANSITION REGION
 2011 DATA

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

NAME	KS2	KY1	M01	NC1	TN1	VA1	MEAN
FINELAWN XPRESS (RP 2)	3.4	6.8	5.0	6.8	7.5	5.7	5.9
BULLSEYE	3.1	7.2	5.0	6.2	7.5	5.8	5.8
TURBO	3.6	7.0	4.6	6.3	7.4	5.7	5.8
WOLFPACK II (PST-5WMB)	3.8	6.8	4.7	6.0	7.4	5.9	5.8
SHENANDOAH ELITE (RK 6)	2.8	7.0	5.1	6.3	7.4	5.8	5.7
FAITH (K06-WA)	3.0	7.1	4.4	6.8	7.5	5.7	5.7
RHAMBLER SRP (RHAMBLER)	2.6	7.0	4.7	6.9	7.5	5.7	5.7
CATALYST (NA-BT-1)	2.9	6.9	5.3	5.9	7.5	5.9	5.7
SPEEDWAY (STR-8BPDJ)	2.8	6.8	4.8	7.0	7.3	5.5	5.7
FALCON V (ATM)	2.4	7.3	4.9	6.2	7.4	5.9	5.7
TRAVERSE SRP (RK-1)	3.0	6.7	4.9	6.3	7.5	5.6	5.7
MUSTANG 4 (M4)	2.8	6.8	5.2	6.2	7.2	5.6	5.6
JAMBOREE (IS-TF-128)	2.8	7.3	4.4	6.6	7.3	5.4	5.6
RK 5	2.6	6.9	4.7	6.1	7.7	5.8	5.6
GAZELLE II (PST-5HP)	3.3	6.4	4.9	6.2	7.3	5.6	5.6
CORONA (COL-M)	3.6	6.7	4.9	6.0	7.0	5.5	5.6
GREENBROOKS (TG 50-9460)	3.1	6.8	4.8	6.3	7.4	5.3	5.6
SHENANDOAH III (SH 3)	2.9	6.9	4.7	6.1	7.3	5.7	5.6
FIRENZA	2.9	6.5	5.0	6.3	7.4	5.6	5.6
BRAVEHEART (DP 50-9407)	2.8	7.0	5.0	6.1	7.3	5.5	5.6
FIRECRACKER LS (MVS-MST)	3.5	7.2	4.1	5.6	7.5	5.7	5.6
LS 1200 (SC-1)	2.7	7.3	4.7	5.3	7.7	5.9	5.6
STR-8BB5	3.0	6.5	4.9	6.1	7.3	5.8	5.6
VENTURE (J-140)	3.1	6.4	4.4	6.7	7.3	5.6	5.6
BLADERUNNER 2 (PSG-85QR)	3.0	6.5	4.8	6.3	7.3	5.5	5.6
SIDEWINDER (IS-TF-138)	2.7	6.9	4.6	6.1	7.6	5.4	5.6
PSG-82BR	3.1	6.7	4.6	6.3	7.2	5.4	5.5
COL-1	3.8	6.5	4.9	5.4	7.3	5.4	5.5
HEMI	2.9	6.9	5.2	5.2	7.4	5.6	5.5
ROCKET (IS-TF-147)	2.7	6.9	4.9	6.1	7.1	5.5	5.5
SPYDER LS (Z-2000)	2.8	7.0	4.7	5.2	7.6	5.8	5.5
SR 8650 (STR-8LMM)	3.3	6.5	4.7	5.6	7.3	5.6	5.5
TALLADEGA (RP 3)	3.2	6.7	4.9	5.7	6.9	5.6	5.5
TANZANIA (IS-TF-159)	2.8	7.1	4.6	5.8	7.4	5.2	5.5
COCHISE IV (RKCL)	3.3	7.0	4.3	5.6	7.4	5.5	5.5
FALCON IV	2.7	6.2	4.7	6.6	7.3	5.6	5.5
VAN GOGH (LTP-RK2)	2.6	6.8	4.6	6.1	7.3	5.5	5.5
STR-8GRQR	3.4	6.2	4.6	6.1	7.2	5.5	5.5
BAR FA 6253	3.2	6.3	4.9	5.8	7.0	5.7	5.5
TRIO (IS-TF-152)	3.0	6.8	4.5	5.6	7.4	5.6	5.5
PEDIGREE (ATF-1199)	3.5	6.3	4.6	5.9	7.1	5.5	5.5
HONKY TONK (RAD-TF17)	3.3	6.1	4.8	6.1	7.1	5.3	5.5
MONET (LTP-610 CL)	2.5	6.8	4.7	5.9	7.3	5.4	5.5
TURBO RZ (BURL-TF8)	3.6	5.8	4.8	5.6	7.4	5.5	5.4

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION REGION
2011 DATA

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

NAME	KS2	KY1	M01	NC1	TN1	VA1	MEAN
FAT CAT (IS-TF-161)	3.1	6.7	4.5	5.8	7.1	5.5	5.4
TAHOE II	3.8	6.3	4.7	5.7	6.9	5.3	5.4
FALCON NG (CE 1)	2.7	6.0	4.5	6.6	7.4	5.4	5.4
ESSENTIAL (IS-TF-154)	3.0	6.8	4.9	5.3	7.0	5.5	5.4
GARRISON (IS-TF-153)	2.7	6.6	4.8	5.8	7.3	5.4	5.4
3RD MILLENNIUM SRP	2.6	6.3	5.0	5.9	7.1	5.4	5.4
AST9001 (AST-3)	3.3	6.5	5.0	5.2	7.2	5.3	5.4
RK 4	3.0	6.8	4.2	5.7	7.4	5.4	5.4
TITAN RX (PSG-TTST)	3.4	5.4	5.0	6.3	7.2	5.1	5.4
REUNION (LS-03)	3.2	6.8	4.5	5.6	7.0	5.4	5.4
REBEL IV	3.5	5.7	4.6	6.1	7.1	5.4	5.4
JUSTICE	3.0	5.9	4.7	6.1	7.1	5.6	5.4
RAPTOR II (MVS-TF-158)	2.9	6.6	4.7	5.7	7.0	5.4	5.4
CEZANNE RZ (LTP-CRL)	2.5	6.5	4.7	5.9	7.4	5.3	5.4
TOCCOA (IS-TF-151)	2.8	6.8	4.4	5.9	7.0	5.2	5.4
TERRIER (IS-TF-135)	3.2	6.7	4.5	5.3	7.0	5.4	5.4
REMBRANDT	3.7	5.3	4.6	6.3	7.0	5.3	5.4
ESCALADE	2.6	6.5	4.6	5.9	7.0	5.5	5.4
PATAGONIA (GWTF)	2.7	6.5	4.8	5.7	7.2	5.3	5.4
SUNSET GOLD (KZ-2)	3.1	6.3	4.7	5.6	7.0	5.3	5.3
J-130	3.1	6.0	4.6	6.1	7.1	5.2	5.3
GE-1	2.7	6.3	4.3	6.0	7.3	5.5	5.3
TITANIUM LS (MVS-BB-1)	2.7	6.5	4.6	5.7	7.1	5.5	5.3
DARLINGTON (CS-TF1)	2.9	6.0	4.9	6.0	7.0	5.2	5.3
GOLD MEDALLION (KZ-1)	2.6	6.4	4.8	5.7	6.9	5.5	5.3
TITAN ULTRA (PSG-TTRH)	3.4	5.8	4.3	6.1	7.1	5.3	5.3
JT-36	3.1	6.2	4.5	6.1	7.1	4.9	5.3
KY-41 (JT-41)	2.8	6.0	4.9	6.1	7.1	5.1	5.3
ESCALANTE (GO-1BFD)	2.5	5.9	4.6	6.2	7.3	5.4	5.3
AST9002 (AST-2)	2.8	6.3	4.4	5.9	7.1	5.4	5.3
NINJA 3 (ATF 1247)	2.8	6.1	4.7	5.8	7.1	5.3	5.3
STETSON II (NA-SS)	2.7	5.8	4.6	6.0	7.3	5.4	5.3
TULSA TIME (TULSA III)	2.8	6.2	4.9	5.2	7.1	5.6	5.3
XTREMEGREEN (BGR-TF2)	3.6	6.1	4.6	5.0	7.1	5.4	5.3
COMPETE (LS-06)	3.1	5.8	4.6	5.8	7.0	5.4	5.3
UMBRELLA (DP 50-9411)	2.9	6.3	4.7	5.1	7.3	5.5	5.3
INTEGRITY (BGR-TF1)	2.8	6.0	4.7	5.7	7.1	5.5	5.3
MAGELLAN	3.0	5.3	4.5	6.3	7.1	5.5	5.3
SKYLINE	2.4	6.4	4.7	5.7	7.1	5.4	5.3
RNP	2.6	6.5	4.4	5.7	7.1	5.3	5.3
AST9003 (AST-1)	3.3	6.2	4.7	4.7	7.1	5.6	5.3
MVS-1107	3.4	6.1	4.4	5.1	7.3	5.3	5.3
CANNAVARO (DP 50-9440)	2.5	6.7	4.7	5.1	7.2	5.3	5.3
LS 1010 (ATF 1328)	2.6	6.0	4.3	6.1	7.3	5.2	5.3
HUDSON (DKS)	3.3	6.0	4.5	5.3	6.9	5.4	5.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION REGION
2011 DATA

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

NAME	KS2	KY1	MO1	NC1	TN1	VA1	MEAN
CROSSFIRE 3 (COL-J)	2.9	6.2	4.8	5.3	7.0	5.2	5.2
O6-DUST	2.7	6.1	4.7	5.5	7.0	5.4	5.2
JT-33	3.7	6.0	4.3	5.6	6.9	4.9	5.2
RENDITION RX (PSG-RNDR)	3.3	5.6	4.9	4.9	7.0	5.6	5.2
RENOVATE (LS-11)	2.8	5.8	4.5	5.9	6.9	5.4	5.2
HUNTER	3.6	5.7	4.7	5.3	7.0	4.9	5.2
LINDBERGH	3.3	5.2	4.5	5.6	7.3	5.3	5.2
JT-42	2.9	5.9	4.9	5.2	7.0	5.3	5.2
AST7003	3.3	6.0	4.3	5.1	7.1	5.3	5.2
AST 7002	2.7	6.1	4.8	5.1	7.1	5.3	5.2
BAR FA 6363	3.2	5.5	4.6	5.4	7.2	5.2	5.2
O6-WALK	2.6	6.0	4.8	5.5	6.9	5.2	5.2
AST 7001	3.0	5.9	4.9	5.0	7.1	5.2	5.2
PADRE	2.5	5.8	4.7	5.8	7.0	5.1	5.2
EINSTEIN	3.1	5.7	4.6	5.0	7.3	5.1	5.1
BILTMORE	3.5	5.4	4.4	5.4	7.0	5.0	5.1
O312	3.2	5.9	4.8	4.8	7.0	5.1	5.1
JT-45	3.3	6.3	4.1	5.0	6.9	5.1	5.1
AST1001 (AST-4)	2.3	6.1	4.6	5.1	7.1	5.3	5.1
MVS-341	3.0	5.6	4.6	5.3	7.0	5.1	5.1
ARISTOTLE	3.4	5.5	4.3	5.5	6.9	4.7	5.0
PLATO	3.0	5.4	4.2	5.4	6.8	5.2	5.0
SILVERADO	2.8	5.2	4.4	4.7	6.7	5.0	4.8
KY-31	2.5	3.3	3.5	3.2	5.7	4.0	3.7
LSD VALUE	0.8	0.5	0.6	1.1	0.4	0.4	0.3
C.V. (%)	17.4	5.3	7.5	11.5	3.6	4.9	7.9

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

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

TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE SOUTHEAST REGION
2011 DATA

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

NAME	GA1	MS1	TX1	MEAN	NAME	GA1	MS1	TX1	MEAN
GE-1	5.7	6.4	5.6	5.9	JT-36	4.6	6.5	5.2	5.5
TANZANIA (IS-TF-159)	5.3	6.4	5.7	5.8	PATAGONIA (GWTF)	4.7	6.2	5.4	5.4
BLADERUNNER 2 (PSG-85QR)	4.9	6.7	5.6	5.8	FALCON IV	5.0	6.5	4.8	5.4
SPYDER LS (Z-2000)	4.9	6.8	5.6	5.8	VAN GOGH (LTP-RK2)	4.2	6.7	5.4	5.4
LS 1200 (SC-1)	4.8	6.8	5.5	5.7	AST 7002	4.8	6.6	4.9	5.4
SKYLINE	5.6	6.4	5.1	5.7	JUSTICE	3.9	6.6	5.8	5.4
TULSA TIME (TULSA III)	4.6	6.6	5.9	5.7	FINELAWN XPRESS (RP 2)	4.7	6.6	4.9	5.4
FAT CAT (IS-TF-161)	4.7	6.8	5.6	5.7	RENOVATE (LS-11)	4.6	6.6	5.0	5.4
GAZELLE II (PST-5HP)	5.3	6.6	5.2	5.7	RK 5	4.4	6.6	5.2	5.4
CEZANNE RZ (LTP-CRL)	5.2	6.5	5.4	5.7	EINSTEIN	4.4	6.4	5.4	5.4
RHAMBLER SRP (RHAMBLER)	4.8	6.7	5.5	5.7	PEDIGREE (ATF-1199)	4.3	6.6	5.3	5.4
RK 4	4.8	6.7	5.6	5.7	FAITH (K06-WA)	4.0	6.9	5.3	5.4
STETSON II (NA-SS)	5.1	6.6	5.4	5.7	GREENBROOKS (TG 50-9460)	4.4	6.5	5.3	5.4
STR-8GRQR	4.5	6.6	6.0	5.7	BAR FA 6363	4.3	6.5	5.3	5.4
CATALYST (NA-BT-1)	4.8	6.8	5.5	5.7	STR-8BB5	3.8	6.8	5.6	5.4
FALCON NG (CE 1)	5.1	6.6	5.3	5.7	MAGELLAN	4.7	6.6	4.9	5.4
MONET (LTP-610 CL)	5.2	6.8	5.0	5.6	KY-41 (JT-41)	4.5	6.4	5.3	5.4
BRAVEHEART (DP 50-9407)	5.4	6.8	4.8	5.6	AST9002 (AST-2)	4.5	6.4	5.2	5.4
MVS-1107	5.3	6.5	5.1	5.6	ESCALADE	4.4	6.4	5.3	5.4
NINJA 3 (ATF 1247)	4.6	6.6	5.7	5.6	INTEGRITY (BGR-TF1)	5.3	6.2	4.6	5.4
LINDBERGH	4.8	6.5	5.6	5.6	TOCCOA (IS-TF-151)	4.7	6.5	4.8	5.4
MVS-341	4.7	6.2	5.9	5.6	COCHISE IV (RKCL)	4.1	6.6	5.3	5.3
BULLSEYE	4.5	6.8	5.4	5.6	MUSTANG 4 (M4)	4.2	6.8	5.1	5.3
FALCON V (ATM)	4.4	7.2	5.1	5.6	ESCALANTE (GO-1BFD)	4.4	6.6	5.0	5.3
SIDEWINDER (IS-TF-138)	5.1	6.6	5.1	5.6	SUNSET GOLD (KZ-2)	4.8	6.5	4.7	5.3
LS 1010 (ATF 1328)	5.0	6.5	5.3	5.6	J-130	4.2	6.5	5.2	5.3
REBEL IV	5.1	6.4	5.2	5.6	GOLD MEDALLION (KZ-1)	4.5	6.6	4.8	5.3
3RD MILLENNIUM SRP	4.6	6.6	5.5	5.6	HONKY TONK (RAD-TF17)	4.0	6.1	5.8	5.3
SPEEDWAY (STR-8BPD)	4.8	6.3	5.5	5.6	XTREMEGREEN (BGR-TF2)	4.9	6.5	4.5	5.3
FIRENZA	5.3	6.6	4.7	5.5	COMPETE (LS-06)	4.6	6.5	4.7	5.3
JT-42	5.4	6.5	4.8	5.5	SHENANDOAH III (SH 3)	4.0	6.5	5.3	5.3
HEMI	4.8	6.6	5.2	5.5	PLATO	4.2	6.2	5.4	5.3
WOLFPACK II (PST-5WMB)	4.5	6.7	5.4	5.5	CORONA (COL-M)	4.9	6.4	4.5	5.3
PSG-82BR	4.5	6.6	5.5	5.5	AST7003	4.3	6.3	5.2	5.3
TRAVERSE SRP (RK-1)	4.5	6.7	5.3	5.5	ESSENTIAL (IS-TF-154)	4.2	6.8	4.8	5.3
TITAN RX (PSG-TTST)	4.5	6.5	5.5	5.5	TAHOE II	4.6	6.2	4.9	5.3
TRIO (IS-TF-152)	4.4	6.7	5.3	5.5	AST 7001	4.7	6.1	4.9	5.2
TURBO	4.3	6.7	5.5	5.5	SHENANDOAH ELITE (RK 6)	4.3	6.7	4.7	5.2
GARRISON (IS-TF-153)	4.5	6.6	5.3	5.5	RAPTOR II (MVS-TF-158)	4.5	6.7	4.5	5.2
REMBRANDT	4.4	6.4	5.6	5.5	AST1001 (AST-4)	4.8	6.3	4.5	5.2
VENTURE (J-140)	4.6	6.7	5.1	5.5	DARLINGTON (CS-TF1)	4.4	6.0	5.1	5.2
O6-DUST	4.2	6.6	5.7	5.5	JAMBOREE (IS-TF-128)	3.8	6.7	5.0	5.2
TALLADEGA (RP 3)	4.2	6.6	5.6	5.5	AST9003 (AST-1)	4.3	6.2	4.9	5.1
TITANIUM LS (MVS-BB-1)	4.4	6.6	5.4	5.5	ARISTOTLE	4.7	5.6	5.0	5.1
					RENDITION RX (PSG-RNDR)	4.7	6.2	4.5	5.1

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT THREE LOCATIONS 1/
IN THE SOUTHEAST REGION
2011 DATA

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

NAME	GA1	MS1	TX1	MEAN
AST9001 (AST-3)	5.1	6.2	4.1	5.1
BILTMORE	4.3	6.4	4.6	5.1
SR 8650 (STR-8LMM)	4.5	6.4	4.4	5.1
BAR FA 6253	4.0	6.4	4.8	5.1
PADRE	4.4	6.5	4.3	5.1
HUNTER	4.4	6.2	4.6	5.0
JT-45	4.3	6.1	4.7	5.0
UMBRELLA (DP 50-9411)	3.6	6.3	5.2	5.0
ROCKET (IS-TF-147)	4.4	6.4	4.3	5.0
TERRIER (IS-TF-135)	4.6	6.5	3.9	5.0
TURBO RZ (BURL-TF8)	3.8	6.6	4.6	5.0
CANNAVARO (DP 50-9440)	4.1	6.8	4.0	5.0
RNP	3.8	6.0	5.1	5.0
O6-WALK	4.1	6.1	4.7	5.0
FIRECRACKER LS (MVS-MST)	3.7	6.6	4.6	5.0
HUDSON (DKS)	3.9	6.4	4.4	4.9
REUNION (LS-03)	4.1	6.4	4.3	4.9
COL-1	3.7	6.4	4.4	4.9
CROSSFIRE 3 (COL-J)	3.9	6.4	4.2	4.8
JT-33	3.7	6.1	4.6	4.8
0312	3.5	6.2	4.4	4.7
TITAN ULTRA (PSG-TTRH)	3.9	6.3	3.8	4.6
SILVERADO	3.3	5.6	4.8	4.5
KY-31	3.4	4.2	2.9	3.5
LSD VALUE	0.8	0.5	1.3	0.5
C.V. (%)	10.8	4.5	16.3	10.8

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT SIX LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
ESSENTIAL (IS-TF-154)	6.4	6.2	7.2	6.2	6.1	7.9	6.7
MONET (LTP-610 CL)	6.6	6.3	7.0	6.4	5.9	7.7	6.6
FAITH (K06-WA)	6.5	6.0	7.1	6.2	5.9	8.1	6.6
BULLSEYE	6.4	6.4	7.4	5.6	6.0	7.9	6.6
TULSA TIME (TULSA III)	6.7	6.5	7.1	5.6	5.8	8.0	6.6
CATALYST (NA-BT-1)	6.5	6.3	7.3	5.2	6.2	8.1	6.6
RK 4	6.7	6.5	6.6	6.2	6.0	7.7	6.6
VENTURE (J-140)	6.6	6.4	7.2	5.8	5.8	7.7	6.6
HEMI	6.4	6.5	7.1	5.6	6.3	7.5	6.6
RHAMBLER SRP (RHAMBLER)	6.7	6.5	7.3	5.6	5.8	7.6	6.6
INTEGRITY (BGR-TF1)	6.5	6.4	6.6	5.7	6.3	8.0	6.6
SHENANDOAH III (SH 3)	6.3	6.3	6.9	6.1	6.0	7.7	6.6
TALLADEGA (RP 3)	6.4	6.9	7.1	5.4	6.1	7.5	6.6
CROSSFIRE 3 (COL-J)	6.8	6.4	7.0	5.4	5.9	7.9	6.6
STR-8BB5	6.6	6.5	6.6	5.6	6.2	7.9	6.6
CORONA (COL-M)	6.5	6.6	6.9	5.4	6.0	7.9	6.5
FIRECRACKER LS (MVS-MST)	6.6	6.4	6.9	5.4	6.1	7.9	6.5
ROCKET (IS-TF-147)	6.6	6.5	6.8	5.8	6.0	7.5	6.5
SHENANDOAH ELITE (RK 6)	6.5	6.2	7.2	5.9	5.9	7.5	6.5
COCHISE IV (RKCL)	6.2	6.3	7.1	6.1	6.0	7.5	6.5
LS 1200 (SC-1)	6.3	6.0	7.3	5.9	6.4	7.2	6.5
TRIO (IS-TF-152)	6.6	6.6	7.1	5.6	6.1	7.1	6.5
FINELAWN XPRESS (RP 2)	6.6	6.3	7.2	5.9	5.8	7.3	6.5
SIDEWINDER (IS-TF-138)	6.4	6.2	7.1	5.7	6.1	7.7	6.5
TOCCOA (IS-TF-151)	6.5	6.4	7.1	5.7	6.0	7.4	6.5
FALCON V (ATM)	6.7	6.3	7.1	5.4	5.9	7.7	6.5
RK 5	6.7	6.3	7.1	5.6	6.0	7.3	6.5
ESCALADE	6.5	6.3	6.3	5.8	6.1	8.0	6.5
NINJA 3 (ATF 1247)	6.6	6.5	6.8	5.9	5.9	7.3	6.5
REUNION (LS-03)	6.4	6.6	6.8	5.4	6.2	7.6	6.5
VAN GOGH (LTP-RK2)	6.6	6.3	7.0	6.0	5.9	7.1	6.5
JAMBOREE (IS-TF-128)	6.6	6.2	7.2	6.1	6.0	6.7	6.5
WOLFPACK II (PST-5WMB)	6.6	6.6	6.7	5.3	6.0	7.7	6.5
JT-33	6.4	6.8	6.9	5.2	6.0	7.5	6.5
STETSON II (NA-SS)	6.6	6.5	6.6	5.3	6.2	7.7	6.5
AST9003 (AST-1)	6.2	6.6	6.9	5.7	5.9	7.4	6.5
TANZANIA (IS-TF-159)	6.4	6.5	7.1	5.1	6.0	7.7	6.5
MUSTANG 4 (M4)	6.6	6.4	7.0	5.3	6.5	7.0	6.5
FALCON NG (CE 1)	6.4	6.3	7.1	6.0	5.5	7.5	6.5
XTREMEGREEN (BGR-TF2)	6.3	6.8	6.4	5.2	6.1	7.9	6.4
TITANIUM LS (MVS-BB-1)	6.4	6.0	6.7	5.6	5.8	8.1	6.4
FAT CAT (IS-TF-161)	6.3	6.6	6.8	5.6	5.9	7.5	6.4
GARRISON (IS-TF-153)	6.4	6.5	7.1	5.3	5.7	7.5	6.4
SPEEDWAY (STR-8BPDx)	6.6	6.4	6.8	5.4	6.3	7.0	6.4

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
LS 1010 (ATF 1328)	6.3	6.5	6.8	5.5	5.9	7.6	6.4
STR-8GRQR	6.6	6.3	6.7	5.6	6.0	7.5	6.4
BAR FA 6253	6.5	6.2	6.7	5.4	6.1	7.5	6.4
3RD MILLENNIUM SRP	6.4	6.2	7.1	5.4	5.9	7.5	6.4
SR 8650 (STR-8LMM)	6.6	6.6	6.8	4.9	6.1	7.5	6.4
TURBO	6.5	6.3	7.3	5.9	6.0	6.3	6.4
JUSTICE	6.5	6.7	6.9	5.3	5.9	7.0	6.4
PSG-82BR	6.4	6.1	6.8	5.9	5.7	7.2	6.4
CANNAVARO (DP 50-9440)	6.2	6.3	7.4	4.9	6.1	7.3	6.4
HONKY TONK (RAD-TF17)	6.3	6.4	6.8	5.4	5.9	7.4	6.4
GAZELLE II (PST-5HP)	6.5	6.6	7.1	5.2	5.7	7.1	6.4
PEDIGREE (ATF-1199)	6.5	6.1	7.1	5.5	5.9	7.1	6.4
06-DUST	6.4	6.3	6.4	5.2	6.1	7.7	6.4
FIRENZA	6.6	6.4	6.9	5.8	5.8	6.7	6.3
KY-41 (JT-41)	6.3	6.3	6.8	5.3	6.0	7.4	6.3
MVS-1107	6.6	6.1	6.6	5.4	6.3	7.0	6.3
GREENBROOKS (TG 50-9460)	6.7	6.1	7.0	5.1	6.3	6.9	6.3
AST1001 (AST-4)	6.4	6.6	7.2	5.5	5.9	6.5	6.3
JT-36	6.6	6.3	6.8	5.2	5.9	7.3	6.3
SPYDER LS (Z-2000)	6.6	6.4	6.9	5.2	6.0	6.9	6.3
PADRE	6.6	6.3	6.4	5.4	6.0	7.3	6.3
COL-1	6.3	6.0	6.9	4.8	6.0	7.8	6.3
JT-42	6.6	6.5	6.7	5.4	6.0	6.7	6.3
SKYLINE	6.4	6.6	6.6	5.2	5.9	7.2	6.3
GOLD MEDALLION (KZ-1)	6.4	6.2	6.8	5.2	6.0	7.1	6.3
AST9002 (AST-2)	6.6	6.4	6.9	5.7	5.9	6.3	6.3
SUNSET GOLD (KZ-2)	6.4	6.6	6.8	5.2	5.8	6.9	6.3
HUDSON (DKS)	6.6	6.4	7.1	5.3	6.0	6.4	6.3
CEZANNE RZ (LTP-CRL)	6.5	6.3	6.6	5.5	5.8	7.1	6.3
AST9001 (AST-3)	6.3	6.2	6.8	5.7	6.0	6.8	6.3
RNP	6.4	6.8	6.7	5.7	5.9	6.1	6.3
TRAVERSE SRP (RK-1)	6.4	6.4	7.1	5.0	5.7	7.1	6.3
AST 7001	6.3	6.5	7.0	5.5	6.0	6.4	6.3
TURBO RZ (BURL-TF8)	6.2	6.5	6.8	5.7	5.9	6.6	6.3
HUNTER	6.4	6.5	6.9	5.4	5.7	6.7	6.3
MAGELLAN	6.5	6.6	6.4	5.4	5.8	6.9	6.3
PATAGONIA (GWTF)	6.6	6.4	6.9	5.3	6.0	6.4	6.3
RENOVATE (LS-11)	6.5	6.5	6.9	5.4	5.9	6.4	6.3
AST 7002	6.5	6.8	6.6	5.4	5.6	6.7	6.3
TITAN ULTRA (PSG-TTRH)	6.3	6.3	6.6	5.0	6.0	7.4	6.3
BLADERUNNER 2 (PSG-85QR)	6.4	6.3	6.9	5.0	5.8	7.1	6.3
BAR FA 6363	6.5	6.7	6.2	5.2	5.9	7.1	6.3
REBEL IV	6.6	6.3	6.8	4.9	6.0	7.0	6.3
RAPTOR II (MVS-TF-158)	6.4	6.0	7.2	5.4	6.0	6.6	6.2
REMBRANDT	6.6	6.3	6.3	5.7	6.0	6.5	6.2

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
GE-1	6.4	6.4	6.6	5.3	5.9	6.9	6.2
MVS-341	6.6	6.5	6.6	4.9	6.0	6.8	6.2
J-130	6.3	6.6	6.2	5.4	5.9	6.7	6.2
JT-45	6.6	6.2	6.8	5.0	5.9	6.8	6.2
TAHOE II	6.5	6.5	6.7	4.7	5.9	7.0	6.2
DARLINGTON (CS-TF1)	6.4	6.5	6.6	5.1	6.0	6.6	6.2
BRAVEHEART (DP 50-9407)	6.7	6.2	6.8	4.9	6.1	6.3	6.2
COMPETE (LS-06)	6.4	6.2	7.0	5.7	5.8	5.7	6.1
UMBRELLA (DP 50-9411)	6.2	6.2	6.7	5.9	6.0	5.9	6.1
06-WALK	6.4	6.3	6.1	4.9	6.0	7.1	6.1
TERRIER (IS-TF-135)	6.5	6.3	6.6	5.0	5.8	6.5	6.1
EINSTEIN	6.4	6.1	6.6	4.9	5.6	6.8	6.1
AST7003	6.4	6.1	6.8	4.7	5.8	6.6	6.1
RENDITION RX (PSG-RNDR)	6.1	6.4	6.7	4.9	5.8	6.4	6.1
BILTMORE	6.4	6.3	6.3	4.8	5.8	6.7	6.0
FALCON IV	6.3	6.4	6.7	5.1	5.8	5.9	6.0
ESCALANTE (GO-1BFD)	6.6	6.4	6.5	4.7	5.7	6.2	6.0
0312	6.2	6.4	6.5	4.7	6.0	6.1	6.0
ARISTOTLE	6.7	6.2	6.1	4.6	5.6	6.5	6.0
TITAN RX (PSG-TTST)	6.2	5.7	6.4	4.6	5.8	6.6	5.9
PLATO	6.2	6.1	6.7	4.1	5.7	6.6	5.9
LINDBERGH	6.1	6.2	6.3	4.9	5.8	5.9	5.8
SILVERADO	6.1	5.5	6.2	3.0	5.3	5.4	5.2
KY-31	4.4	3.1	4.9	1.4	4.3	3.3	3.6
LSD VALUE	0.5	0.5	0.5	0.8	0.4	1.7	0.4
C.V. (%)	4.8	5.3	4.9	9.8	4.1	14.9	8.6

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 7.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/
2011 DATA

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

NAME	MAY	JUN	MEAN	NAME	MAY	JUN	MEAN
RNP	8.0	7.7	7.8	HONKY TONK (RAD-TF17)	5.7	7.3	6.5
AST9002 (AST-2)	7.0	8.0	7.5	MUSTANG 4 (M4)	6.3	6.7	6.5
CANNAVARO (DP 50-9440)	6.7	8.0	7.3	PATAGONIA (GWTF)	5.7	7.3	6.5
INTEGRITY (BGR-TF1)	7.3	7.3	7.3	SR 8650 (STR-8LMM)	6.0	7.0	6.5
SIDEWINDER (IS-TF-138)	6.7	8.0	7.3	TALLADEGA (RP 3)	6.0	7.0	6.5
AST1001 (AST-4)	6.7	7.7	7.2	XTREMEGREEN (BGR-TF2)	6.0	7.0	6.5
DARLINGTON (CS-TF1)	7.0	7.3	7.2	0312	5.3	7.3	6.3
FAT CAT (IS-TF-161)	7.0	7.3	7.2	3RD MILLENNIUM SRP	6.0	6.7	6.3
RAPTOR II (MVS-TF-158)	6.7	7.7	7.2	BLADERUNNER 2 (PSG-85QR)	6.0	6.7	6.3
RENOVATE (LS-11)	6.7	7.7	7.2	CATALYST (NA-BT-1)	5.7	7.0	6.3
STETSON II (NA-SS)	6.3	8.0	7.2	FINELAWN XPRESS (RP 2)	5.7	7.0	6.3
TOCCOA (IS-TF-151)	6.3	8.0	7.2	JT-33	5.3	7.3	6.3
AST9001 (AST-3)	7.0	7.0	7.0	LS 1010 (ATF 1328)	5.7	7.0	6.3
COMPETE (LS-06)	6.7	7.3	7.0	RK 5	6.0	6.7	6.3
CROSSFIRE 3 (COL-J)	6.3	7.7	7.0	ROCKET (IS-TF-147)	5.7	7.0	6.3
GOLD MEDALLION (KZ-1)	6.3	7.7	7.0	SPYDER LS (Z-2000)	5.3	7.3	6.3
HUDSON (DKS)	6.7	7.3	7.0	STR-8BB5	5.3	7.3	6.3
J-130	6.3	7.7	7.0	TITAN ULTRA (PSG-TTRH)	5.7	7.0	6.3
LS 1200 (SC-1)	6.3	7.7	7.0	TULSA TIME (TULSA III)	5.7	7.0	6.3
TRIO (IS-TF-152)	6.3	7.7	7.0	TURBO	5.7	7.0	6.3
AST 7002	6.0	7.7	6.8	VAN GOGH (LTP-RK2)	5.3	7.3	6.3
AST7003	6.3	7.3	6.8	WOLFPACK II (PST-5WMB)	6.0	6.7	6.3
BULLSEYE	6.3	7.3	6.8	BAR FA 6253	5.3	7.0	6.2
COCHISE IV (RKCL)	6.3	7.3	6.8	CEZANNE RZ (LTP-CRL)	5.7	6.7	6.2
COL-1	6.3	7.3	6.8	ESCALADE	5.3	7.0	6.2
CORONA (COL-M)	6.3	7.3	6.8	ESSENTIAL (IS-TF-154)	5.3	7.0	6.2
JT-36	6.3	7.3	6.8	FALCON IV	5.7	6.7	6.2
SHENANDOAH ELITE (RK 6)	6.3	7.3	6.8	FIRENZA	5.3	7.0	6.2
SUNSET GOLD (KZ-2)	6.3	7.3	6.8	HEMI	5.3	7.0	6.2
TERRIER (IS-TF-135)	6.3	7.3	6.8	PEDIGREE (ATF-1199)	5.3	7.0	6.2
AST 7001	6.0	7.3	6.7	SKYLINE	5.3	7.0	6.2
AST9003 (AST-1)	6.0	7.3	6.7	BAR FA 6363	5.3	6.7	6.0
FAITH (K06-WA)	6.0	7.3	6.7	GAZELLE II (PST-5HP)	5.3	6.7	6.0
FIRECRACKER LS (MVS-MST)	6.3	7.0	6.7	HUNTER	5.3	6.7	6.0
GARRISON (IS-TF-153)	6.0	7.3	6.7	JAMBOREE (IS-TF-128)	5.0	7.0	6.0
JT-42	6.3	7.0	6.7	MVS-341	5.3	6.7	6.0
JT-45	6.0	7.3	6.7	RENDITION RX (PSG-RNDR)	5.3	6.7	6.0
KY-41 (JT-41)	6.3	7.0	6.7	RHAMBLER SRP (RHAMBLER)	5.3	6.7	6.0
MONET (LTP-610 CL)	6.3	7.0	6.7	SHENANDOAH III (SH 3)	5.3	6.7	6.0
REUNION (LS-03)	6.3	7.0	6.7	TURBO RZ (BURL-TF8)	5.0	7.0	6.0
RK 4	6.3	7.0	6.7	VENTURE (J-140)	5.0	7.0	6.0
TANZANIA (IS-TF-159)	6.0	7.3	6.7	06-DUST	5.3	6.3	5.8
UMBRELLA (DP 50-9411)	6.0	7.3	6.7	BRAVEHEART (DP 50-9407)	5.0	6.7	5.8
FALCON V (ATM)	5.7	7.3	6.5	GE-1	5.0	6.7	5.8
				GREENBROOKS (TG 50-9460)	5.0	6.7	5.8

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/ 2011 DATA

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

NAME	MAY	JUN	MEAN
NINJA 3 (ATF 1247)	5.3	6.3	5.8
REBEL IV	5.3	6.3	5.8
SPEEDWAY (STR-8BPDx)	5.0	6.7	5.8
TAHOE II	5.3	6.3	5.8
TRAVERSE SRP (RK-1)	5.3	6.3	5.8
EINSTEIN	5.0	6.3	5.7
FALCON NG (CE 1)	5.0	6.3	5.7
PADRE	5.0	6.3	5.7
STR-8GRQR	5.0	6.3	5.7
06-WALK	5.0	6.0	5.5
PSG-82BR	4.7	6.3	5.5
TITANIUM LS (MVS-BB-1)	5.0	6.0	5.5
BILTMORE	4.3	6.3	5.3
JUSTICE	4.7	6.0	5.3
REMBRANDT	4.0	6.7	5.3
LINDBERGH	4.3	6.0	5.2
MVS-1107	4.7	5.7	5.2
TITAN RX (PSG-TTST)	4.3	6.0	5.2
MAGELLAN	4.0	6.0	5.0
PLATO	4.3	5.7	5.0
ARISTOTLE	4.3	5.3	4.8
ESCALANTE (GO-1BFD)	3.7	5.7	4.7
SILVERADO	3.3	4.7	4.0
KY-31	1.3	2.7	2.0
LSD VALUE	1.2	1.0	0.8
C.V. (%)	13.7	9.4	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 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHWEST REGION
2011 DATA

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

NAME	CA3	NM1	MEAN	NAME	CA3	NM1	MEAN
FALCON V (ATM)	5.9	5.0	5.5	BLADERUNNER 2 (PSG-85QR)	5.2	4.5	4.9
HEMI	5.7	5.3	5.5	BAR FA 6253	4.6	5.1	4.8
LS 1010 (ATF 1328)	4.7	6.2	5.4	PSG-82BR	4.9	4.8	4.8
SPEEDWAY (STR-8BPDx)	5.5	5.3	5.4	FALCON NG (CE 1)	5.0	4.7	4.8
RK 4	5.5	5.3	5.4	JAMBOREE (IS-TF-128)	5.2	4.4	4.8
FIRECRACKER LS (MVS-MST)	5.7	4.9	5.3	MUSTANG 4 (M4)	5.2	4.4	4.8
RK 5	5.5	5.0	5.3	BAR FA 6363	4.3	5.3	4.8
MONET (LTP-610 CL)	5.6	4.9	5.3	NINJA 3 (ATF 1247)	4.4	5.2	4.8
STR-8GRQR	4.9	5.6	5.3	FALCON IV	4.5	5.1	4.8
WOLFPACK II (PST-5WMB)	5.1	5.3	5.2	FAT CAT (IS-TF-161)	4.5	5.1	4.8
BULLSEYE	5.5	4.9	5.2	TANZANIA (IS-TF-159)	4.5	5.0	4.8
TULSA TIME (TULSA III)	5.1	5.3	5.2	TRIO (IS-TF-152)	4.9	4.6	4.8
CEZANNE RZ (LTP-CRL)	5.1	5.3	5.2	DARLINGTON (CS-TF1)	4.7	4.8	4.8
MAGELLAN	4.7	5.7	5.2	FIRENZA	5.1	4.4	4.7
GOLD MEDALLION (KZ-1)	4.9	5.4	5.1	TITANIUM LS (MVS-BB-1)	4.7	4.8	4.7
HUDSON (DKS)	4.5	5.8	5.1	FAITH (K06-WA)	5.2	4.3	4.7
TERRIER (IS-TF-135)	5.2	5.1	5.1	RAPTOR II (MVS-TF-158)	4.9	4.6	4.7
GREENBROOKS (TG 50-9460)	5.0	5.3	5.1	COCHISE IV (RKCL)	5.3	4.2	4.7
STR-8BB5	5.3	4.9	5.1	RHAMBLER SRP (RHAMBLER)	5.3	4.2	4.7
VAN GOGH (LTP-RK2)	5.5	4.7	5.1	TAHOE II	4.3	5.2	4.7
CATALYST (NA-BT-1)	6.2	4.0	5.1	INTEGRITY (BGR-TF1)	4.5	4.8	4.7
ROCKET (IS-TF-147)	4.7	5.5	5.1	AST7003	4.6	4.8	4.7
SHENANDOAH III (SH 3)	5.3	4.8	5.1	06-WALK	4.3	5.0	4.7
GE-1	4.8	5.3	5.1	PLATO	4.8	4.5	4.7
GARRISON (IS-TF-153)	5.0	5.1	5.0	CROSSFIRE 3 (COL-J)	4.5	4.8	4.7
ESSENTIAL (IS-TF-154)	5.4	4.7	5.0	GAZELLE II (PST-5HP)	4.9	4.4	4.6
XTREMEGREEN (BGR-TF2)	4.5	5.6	5.0	JT-42	4.9	4.4	4.6
LINDBERGH	4.6	5.4	5.0	RENOVATE (LS-11)	4.9	4.3	4.6
UMBRELLA (DP 50-9411)	4.6	5.4	5.0	TURBO RZ (BURL-TF8)	4.3	4.9	4.6
SR 8650 (STR-8LMM)	4.7	5.3	5.0	J-130	4.7	4.5	4.6
TURBO	5.1	4.8	5.0	REMBRANDT	4.5	4.7	4.6
LS 1200 (SC-1)	5.0	4.9	5.0	VENTURE (J-140)	4.5	4.7	4.6
CANNAVARO (DP 50-9440)	5.3	4.6	5.0	JT-36	4.6	4.6	4.6
ESCALADE	5.1	4.8	5.0	PATAGONIA (GWTF)	4.3	4.8	4.6
BRAVEHEART (DP 50-9407)	4.5	5.3	4.9	HONKY TONK (RAD-TF17)	4.5	4.7	4.6
MVS-1107	4.6	5.3	4.9	RENDITION RX (PSG-RNDR)	4.8	4.3	4.6
PEDIGREE (ATF-1199)	4.6	5.3	4.9	TITAN RX (PSG-TTST)	4.8	4.3	4.6
ESCALANTE (GO-1BFD)	4.8	5.0	4.9	ARISTOTLE	4.1	5.0	4.5
TOCCOA (IS-TF-151)	4.2	5.6	4.9	TITAN ULTRA (PSG-TTRH)	4.7	4.3	4.5
CORONA (COL-M)	5.3	4.5	4.9	PADRE	4.8	4.3	4.5
SKYLINE	4.7	5.1	4.9	SILVERADO	4.2	4.8	4.5
EINSTEIN	4.4	5.3	4.9	JUSTICE	4.6	4.4	4.5
FINELAWN XPRESS (RP 2)	5.1	4.7	4.9	COL-1	5.0	4.0	4.5
AST 7002	4.5	5.2	4.9	JT-45	4.7	4.3	4.5
				MVS-341	4.4	4.6	4.5

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT TWO LOCATIONS 1/
IN THE SOUTHWEST REGION
2011 DATA

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

NAME	CA3	NM1	MEAN
AST9001 (AST-3)	4.5	4.4	4.5
AST1001 (AST-4)	4.5	4.4	4.5
REUNION (LS-03)	4.5	4.4	4.5
AST9002 (AST-2)	4.6	4.3	4.5
0312	4.7	4.3	4.5
KY-41 (JT-41)	4.5	4.4	4.4
JT-33	4.7	4.2	4.4
SUNSET GOLD (KZ-2)	4.1	4.7	4.4
SPYDER LS (Z-2000)	4.9	3.8	4.4
BILTMORE	4.3	4.5	4.4
TRAVERSE SRP (RK-1)	4.7	3.9	4.3
06-DUST	4.5	4.2	4.3
3RD MILLENNIUM SRP	5.2	3.4	4.3
HUNTER	4.6	4.0	4.3
REBEL IV	4.6	4.0	4.3
STETSON II (NA-SS)	4.0	4.6	4.3
SIDEWINDER (IS-TF-138)	4.8	3.8	4.3
TALLADEGA (RP 3)	4.8	3.8	4.3
SHENANDOAH ELITE (RK 6)	5.5	3.0	4.3
AST 7001	3.9	4.6	4.3
COMPETE (LS-06)	4.0	4.5	4.3
AST9003 (AST-1)	4.2	4.3	4.2
RNP	4.5	3.6	4.0
KY-31	4.0	3.3	3.7
LSD VALUE	0.7	1.4	0.8
C.V. (%)	9.5	18.7	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 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2011 DATA

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

NAME	CA6	WA3	MEAN	NAME	CA6	WA3	MEAN
ESSENTIAL (IS-TF-154)	4.8	3.7	4.3	STR-8GRQR	4.3	3.4	3.8
FIRECRACKER LS (MVS-MST)	5.0	3.6	4.3	06-DUST	4.5	3.2	3.8
GAZELLE II (PST-5HP)	4.4	4.0	4.2	TOCCOA (IS-TF-151)	4.6	3.1	3.8
WOLFPACK II (PST-5WMB)	4.6	3.8	4.2	FAT CAT (IS-TF-161)	4.4	3.3	3.8
FALCON V (ATM)	4.6	3.7	4.2	NINJA 3 (ATF 1247)	4.8	2.9	3.8
TRAVERSE SRP (RK-1)	4.7	3.7	4.2	TITANIUM LS (MVS-BB-1)	4.4	3.2	3.8
FAITH (K06-WA)	4.8	3.5	4.1	MVS-341	4.4	3.2	3.8
LS 1200 (SC-1)	4.6	3.6	4.1	FALCON IV	4.4	3.2	3.8
RHAMBLER SRP (RHAMBLER)	4.4	3.8	4.1	AST7003	4.2	3.4	3.8
3RD MILLENNIUM SRP	4.5	3.7	4.1	JT-45	4.3	3.3	3.8
CATALYST (NA-BT-1)	4.7	3.5	4.1	BRAVEHEART (DP 50-9407)	4.4	3.2	3.8
MONET (LTP-610 CL)	4.7	3.5	4.1	SIDEWINDER (IS-TF-138)	4.4	3.2	3.8
JAMBOREE (IS-TF-128)	4.7	3.4	4.1	STR-8BB5	4.2	3.3	3.8
RK 4	4.4	3.6	4.0	KY-41 (JT-41)	4.4	3.1	3.8
SKYLINE	4.6	3.5	4.0	CEZANNE RZ (LTP-CRL)	4.2	3.4	3.8
VAN GOGH (LTP-RK2)	4.6	3.5	4.0	GE-1	4.3	3.2	3.8
TRIO (IS-TF-152)	4.4	3.6	4.0	SUNSET GOLD (KZ-2)	4.6	2.9	3.8
RK 5	4.6	3.4	4.0	RENOVATE (LS-11)	4.4	3.2	3.8
BLADERUNNER 2 (PSG-85QR)	4.5	3.5	4.0	DARLINGTON (CS-TF1)	4.2	3.3	3.8
HEMI	4.4	3.5	4.0	PEDIGREE (ATF-1199)	4.5	3.0	3.8
SPYDER LS (Z-2000)	4.6	3.4	4.0	JT-33	4.3	3.2	3.7
FIRENZA	4.6	3.4	4.0	STETSON II (NA-SS)	4.5	3.0	3.7
TURBO RZ (BURL-TF8)	4.6	3.4	4.0	REBEL IV	4.2	3.3	3.7
UMBRELLA (DP 50-9411)	4.4	3.6	4.0	RNP	4.3	3.1	3.7
SPEEDWAY (STR-8BPDx)	4.4	3.5	4.0	JT-42	4.4	3.0	3.7
GARRISON (IS-TF-153)	4.4	3.5	4.0	GOLD MEDALLION (KZ-1)	4.3	3.2	3.7
TANZANIA (IS-TF-159)	4.6	3.4	4.0	TALLADEGA (RP 3)	4.5	3.0	3.7
COCHISE IV (RKCL)	4.6	3.3	4.0	MAGELLAN	4.2	3.2	3.7
MUSTANG 4 (M4)	4.4	3.6	4.0	JT-36	4.3	3.2	3.7
SHENANDOAH III (SH 3)	4.4	3.5	4.0	ESCALADE	4.2	3.2	3.7
VENTURE (J-140)	4.5	3.4	4.0	ESCALANTE (GO-1BFD)	4.1	3.3	3.7
TURBO	4.7	3.2	4.0	TULSA TIME (TULSA III)	4.3	3.0	3.7
SHENANDOAH ELITE (RK 6)	4.2	3.7	3.9	AST 7002	4.2	3.1	3.7
HONKY TONK (RAD-TF17)	4.4	3.5	3.9	CORONA (COL-M)	4.3	3.0	3.7
PSG-82BR	4.4	3.5	3.9	TAHOE II	4.3	3.0	3.7
AST9003 (AST-1)	4.4	3.4	3.9	INTEGRITY (BGR-TF1)	4.4	2.9	3.6
PADRE	4.2	3.6	3.9	J-130	4.1	3.2	3.6
SR 8650 (STR-8LMM)	4.4	3.4	3.9	REUNION (LS-03)	4.3	3.0	3.6
BULLSEYE	4.6	3.2	3.9	TITAN ULTRA (PSG-TTRH)	4.2	3.1	3.6
FINELAWN XPRESS (RP 2)	4.4	3.3	3.9	RAPTOR II (MVS-TF-158)	4.3	3.0	3.6
MVS-1107	4.4	3.3	3.8	TERRIER (IS-TF-135)	4.4	2.8	3.6
ROCKET (IS-TF-147)	4.4	3.3	3.8	HUNTER	4.1	3.2	3.6
COMPETE (LS-06)	4.4	3.3	3.8	GREENBROOKS (TG 50-9460)	4.5	2.7	3.6
BAR FA 6253	4.4	3.2	3.8	COL-1	4.2	3.0	3.6
				AST9002 (AST-2)	4.3	2.9	3.6

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN AT TWO LOCATIONS 1/
IN THE PACIFIC REGION
2011 DATA

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

NAME	CA6	WA3	MEAN
BAR FA 6363	4.2	3.0	3.6
AST 7001	4.2	2.9	3.6
EINSTEIN	4.3	2.9	3.6
CANNAVARO (DP 50-9440)	4.5	2.6	3.6
JUSTICE	4.2	2.9	3.6
PATAGONIA (GWTF)	4.0	3.1	3.6
AST1001 (AST-4)	4.2	2.9	3.6
HUDSON (DKS)	4.4	2.7	3.5
FALCON NG (CE 1)	4.4	2.7	3.5
PLATO	4.2	2.9	3.5
REMBRANDT	4.1	3.0	3.5
AST9001 (AST-3)	4.1	2.9	3.5
XTREMEGREEN (BGR-TF2)	4.2	2.9	3.5
06-WALK	4.1	2.9	3.5
LS 1010 (ATF 1328)	4.2	2.8	3.5
RENDITION RX (PSG-RNDR)	4.3	2.7	3.5
LINDBERGH	4.1	2.8	3.5
CROSSFIRE 3 (COL-J)	4.1	2.8	3.4
SILVERADO	4.0	2.9	3.4
TITAN RX (PSG-TTST)	3.9	2.9	3.4
0312	4.1	2.7	3.4
BILTMORE	4.0	2.7	3.3
ARISTOTLE	3.8	2.9	3.3
KY-31	2.0	2.2	2.1
LSD VALUE	0.4	0.7	0.4
C.V. (%)	6.0	14.0	9.7

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/
2011 DATA

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

NAME	PERCENT COVER SUMMER	QUALITY RATINGS						AUG	MEAN
		MAR	APR	MAY	JUN	JUL			
ARISTOTLE	54.3	6.3	7.0	8.3	8.0	7.3	7.0	7.3	
3RD MILLENNIUM SRP	70.7	6.3	6.7	8.0	8.0	7.0	7.3	7.2	
MAGELLAN	35.0	7.0	7.7	8.0	7.0	7.0	6.3	7.2	
TITAN RX (PSG-TTST)	56.3	7.0	8.0	7.7	7.3	6.7	6.3	7.2	
JUSTICE	63.7	6.3	8.0	7.3	7.7	6.7	6.7	7.1	
REBEL IV	62.7	6.7	7.3	8.0	7.3	6.3	7.0	7.1	
XTREMEGREEN (BGR-TF2)	46.7	6.7	7.3	8.3	8.3	6.0	6.0	7.1	
ESSENTIAL (IS-TF-154)	64.3	6.7	7.3	7.7	6.7	6.7	7.0	7.0	
ESCALANTE (GO-1BFD)	54.0	7.0	7.0	8.0	6.7	6.7	6.0	6.9	
PEDIGREE (ATF-1199)	64.0	6.3	6.7	7.7	8.3	6.3	6.0	6.9	
BRAVEHEART (DP 50-9407)	55.0	6.7	7.0	7.3	7.3	6.3	6.3	6.8	
CANNAVARO (DP 50-9440)	47.7	6.3	7.0	8.3	8.0	6.0	5.0	6.8	
FALCON IV	50.3	6.7	7.0	7.7	6.7	6.3	6.7	6.8	
JAMBOREE (IS-TF-128)	51.3	6.0	6.7	7.7	7.3	6.7	6.3	6.8	
MVS-341	70.3	6.0	7.0	7.3	7.0	6.3	7.0	6.8	
BLADERUNNER 2 (PSG-85QR)	68.0	6.0	6.3	7.3	8.0	6.0	7.0	6.8	
TITANIUM LS (MVS-BB-1)	66.3	6.7	7.0	8.0	6.0	6.3	6.7	6.8	
TURBO RZ (BURL-TF8)	49.3	6.0	6.3	8.0	8.0	6.7	6.0	6.8	
AST9003 (AST-1)	57.3	6.3	7.3	7.7	7.0	6.3	5.7	6.7	
HONKY TONK (RAD-TF17)	49.0	5.7	7.0	7.7	7.0	6.7	6.0	6.7	
PLATO	57.7	5.7	7.7	7.3	7.7	6.0	5.7	6.7	
RENDITION RX (PSG-RNDR)	71.7	5.3	7.0	7.3	6.7	6.7	7.0	6.7	
STR-8GRQR	55.0	5.3	7.3	6.7	7.3	7.3	6.3	6.7	
CORONA (COL-M)	64.3	6.7	6.0	6.7	7.0	6.7	6.7	6.6	
CROSSFIRE 3 (COL-J)	48.7	6.3	6.7	8.0	7.0	6.0	5.3	6.6	
FAT CAT (IS-TF-161)	53.7	6.0	7.0	7.0	7.0	6.0	6.3	6.6	
HUDSON (DKS)	60.3	6.0	6.0	7.0	7.0	7.0	6.7	6.6	
TRAVERSE SRP (RK-1)	63.3	5.3	7.0	8.0	7.0	6.0	6.3	6.6	
CEZANNE RZ (LTP-CRL)	44.3	6.0	6.7	7.0	7.0	6.0	6.3	6.5	
BULLSEYE	38.3	6.0	6.7	7.7	6.3	5.7	6.0	6.4	
RK 5	44.0	6.0	6.0	7.0	7.3	6.3	6.0	6.4	
TURBO	52.0	6.0	6.0	6.7	7.3	6.7	6.0	6.4	
BAR FA 6363	53.3	5.7	5.3	6.7	7.3	6.0	6.7	6.3	
HUNTER	39.0	5.3	5.3	7.7	7.0	6.3	6.0	6.3	
INTEGRITY (BGR-TF1)	46.3	5.0	7.0	7.0	7.0	6.0	6.0	6.3	
VENTURE (J-140)	50.3	5.7	6.7	7.0	7.3	5.7	5.3	6.3	
RAPTOR II (MVS-TF-158)	60.0	5.0	6.3	7.3	7.3	6.3	5.7	6.3	
ESCALADE	30.3	5.0	6.3	7.3	7.0	6.0	5.3	6.2	
SHENANDOAH III (SH 3)	54.7	5.7	5.0	7.0	7.0	6.3	6.0	6.2	
TANZANIA (IS-TF-159)	61.7	4.7	6.3	7.0	7.3	6.3	5.7	6.2	
TERRIER (IS-TF-135)	32.7	5.3	6.3	8.0	6.7	6.0	4.7	6.2	
AST9002 (AST-2)	36.0	5.7	6.7	6.7	6.3	5.7	5.7	6.1	
FIRECRACKER LS (MVS-MST)	44.7	6.0	6.0	7.0	6.3	6.0	5.3	6.1	
FIRENZA	47.3	5.0	6.0	7.3	6.3	5.7	6.0	6.1	
JT-36	50.0	5.0	6.3	6.7	6.7	6.3	5.7	6.1	

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER SHADE AT CARBONDALE, IL 1/
2011 DATA

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

NAME	PERCENT COVER SUMMER	QUALITY RATINGS						AUG	MEAN
		MAR	APR	MAY	JUN	JUL			
LINDBERGH	39.7	4.7	6.3	7.3	7.0	6.0	5.0	6.1	
MVS-1107	33.3	5.7	6.7	7.3	6.3	5.3	5.0	6.1	
PSG-82BR	55.3	4.7	7.0	6.7	7.0	5.7	5.7	6.1	
SR 8650 (STR-8LMM)	58.7	5.0	5.7	7.3	6.7	6.3	5.7	6.1	
STR-8BB5	45.3	5.3	6.3	7.0	5.7	6.0	6.0	6.1	
O6-DUST	52.0	5.3	6.0	7.0	6.0	6.0	5.7	6.0	
MONET (LTP-610 CL)	36.3	4.7	5.3	7.0	7.0	6.0	6.0	6.0	
RHAMBLER SRP (RHAMBLER)	49.3	5.0	5.7	6.7	6.7	6.0	6.0	6.0	
ROCKET (IS-TF-147)	22.3	5.0	6.0	7.3	7.7	5.7	4.3	6.0	
O6-WALK	39.0	5.0	5.7	6.7	6.7	6.3	5.3	5.9	
AST1001 (AST-4)	61.3	5.3	5.7	7.0	6.3	6.0	5.3	5.9	
CATALYST (NA-BT-1)	42.7	5.0	5.7	7.0	6.3	6.3	5.3	5.9	
GARRISON (IS-TF-153)	52.0	5.0	6.0	7.0	6.7	5.7	5.3	5.9	
J-130	43.3	5.7	5.7	6.7	5.7	6.0	5.7	5.9	
JT-42	31.0	5.3	5.7	7.3	5.7	6.0	5.7	5.9	
JT-45	37.3	5.0	5.0	6.7	7.0	6.0	5.7	5.9	
RENOVATE (LS-11)	41.7	5.0	5.7	6.3	6.3	5.7	6.3	5.9	
SUNSET GOLD (KZ-2)	27.0	5.7	6.3	7.0	6.7	5.0	5.0	5.9	
TOCCOA (IS-TF-151)	40.0	4.7	6.3	8.0	6.7	5.0	5.0	5.9	
TULSA TIME (TULSA III)	34.0	5.7	6.0	6.3	6.0	6.0	5.3	5.9	
BILTMORE	33.3	5.0	5.0	6.7	7.0	6.0	5.0	5.8	
COMPETE (LS-06)	45.0	5.0	5.7	6.7	6.0	6.0	5.7	5.8	
FINELAWN XPRESS (RP 2)	63.7	3.7	5.3	6.3	7.0	6.0	6.3	5.8	
GE-1	25.7	5.7	6.0	7.0	6.0	5.3	4.7	5.8	
GREENBROOKS (TG 50-9460)	64.3	4.0	5.7	6.7	6.7	6.0	6.0	5.8	
SPEEDWAY (STR-8BPDJ)	58.0	5.0	6.0	6.3	6.3	6.0	5.3	5.8	
SPYDER LS (Z-2000)	57.7	4.7	5.0	6.0	6.7	6.0	6.7	5.8	
STETSON II (NA-SS)	33.3	5.0	6.0	6.0	6.7	6.0	5.3	5.8	
DARLINGTON (CS-TF1)	39.7	4.7	5.3	6.3	6.3	5.7	5.7	5.7	
KY-31	45.0	5.3	6.0	6.3	6.3	4.7	5.3	5.7	
MUSTANG 4 (M4)	62.0	4.0	5.3	5.7	6.7	6.3	6.0	5.7	
RK 4	31.3	5.0	5.7	6.3	7.0	5.3	5.0	5.7	
WOLFPACK II (PST-5WMB)	38.0	4.3	6.0	7.0	7.0	5.0	5.0	5.7	
O312	42.7	5.3	5.3	6.0	5.7	5.3	5.7	5.6	
FALCON NG (CE 1)	40.3	5.3	6.0	6.3	5.3	5.3	5.3	5.6	
COL-1	39.7	5.0	6.0	7.0	6.0	4.7	4.3	5.5	
HEMI	30.3	3.7	6.0	6.7	6.3	5.7	4.7	5.5	
TITAN ULTRA (PSG-TTRH)	33.0	4.7	5.7	6.3	6.0	5.7	4.7	5.5	
JT-33	38.0	4.3	5.0	6.7	5.3	6.0	5.3	5.4	
KY-41 (JT-41)	22.3	4.3	5.3	6.7	5.3	5.0	5.0	5.3	
TALLADEGA (RP 3)	38.0	4.7	5.0	6.0	5.3	5.3	5.3	5.3	
TRIO (IS-TF-152)	32.3	3.3	5.7	6.0	6.0	5.3	5.7	5.3	
UMBRELLA (DP 50-9411)	40.7	4.7	4.7	5.7	5.3	5.3	6.0	5.3	
AST9001 (AST-3)	31.7	4.7	5.3	5.3	6.7	4.3	4.7	5.2	
FALCON V (ATM)	53.0	4.0	4.7	5.7	5.7	5.7	5.3	5.2	

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER SHADE AT CARBONDALE, IL 1/
2011 DATA

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

NAME	PERCENT COVER SUMMER	QUALITY RATINGS						MEAN
		MAR	APR	MAY	JUN	JUL	AUG	
PADRE	38.3	4.7	4.3	5.7	6.0	5.0	5.3	5.2
RNP	31.7	4.3	5.0	6.0	6.7	4.7	4.7	5.2
SHENANDOAH ELITE (RK 6)	43.3	4.0	4.7	5.3	6.0	5.7	5.3	5.2
SKYLINE	27.7	3.3	5.7	6.3	6.0	4.7	5.3	5.2
GOLD MEDALLION (KZ-1)	39.3	4.0	4.3	5.7	6.0	5.3	5.3	5.1
SIDEWINDER (IS-TF-138)	29.0	4.0	4.0	5.7	6.0	5.7	5.0	5.1
SILVERADO	30.7	3.0	3.3	6.0	7.0	6.0	5.3	5.1
TAHOE II	38.7	4.0	5.0	5.7	5.3	5.0	5.7	5.1
AST7003	40.3	4.0	4.0	6.0	5.7	5.3	4.7	4.9
COCHISE IV (RKCL)	30.0	4.0	5.0	6.3	5.3	4.7	4.0	4.9
AST 7002	13.7	2.7	4.3	5.7	6.0	5.3	4.7	4.8
BAR FA 6253	28.7	4.0	4.0	5.3	5.3	5.0	5.3	4.8
NINJA 3 (ATF 1247)	43.3	3.7	4.3	6.0	5.0	4.7	5.3	4.8
EINSTEIN	25.7	2.7	3.7	6.0	6.0	4.7	4.3	4.6
PATAGONIA (GWTF)	20.3	4.0	4.0	5.0	5.0	5.0	4.7	4.6
REUNION (LS-03)	25.7	3.7	3.3	5.3	5.3	4.3	4.0	4.3
AST 7001	16.3	3.3	4.0	5.3	4.7	4.0	3.0	4.1
REMBRANDT	22.0	2.7	3.0	5.0	5.0	4.0	4.0	3.9
LS 1010 (ATF 1328)	19.7	2.0	2.7	4.3	5.0	3.0	3.0	3.3
FAITH (K06-WA)	35.7	2.3	3.0	4.0	2.7	2.7	3.0	2.9
GAZELLE II (PST-5HP)	10.0	2.3	2.7	3.3	3.0	3.0	3.0	2.9
LS 1200 (SC-1)	7.7	1.3	2.3	3.7	3.7	3.7	2.7	2.9
VAN GOGH (LTP-RK2)	11.0	2.0	2.0	3.0	3.0	3.0	3.0	2.7
LSD VALUE	72.5	2.7	2.6	3.0	2.0	1.7	2.0	1.9
C.V. (%)	51.4	27.8	24.2	20.2	16.8	16.7	19.5	17.5

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

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

TABLE 11.

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURF CANOPY					QUALITY RATINGS AFTER TRAFFIC COMPACTION				QUALITY MEAN
	BEFORE TRAFFIC MAY 9	8 DAYS MAY 25	25 DAYS JUNE 11	44 DAYS JUNE 30	171 DAYS NOV 4	8 DAYS MAY 25	24 DAYS JUNE 10	43 DAYS JUNE 29	162 DAYS OCT 26	
TRAVERSE SRP (RK-1)	96.0	73.3	66.7	75.0	88.3	7.7	7.0	7.7	7.7	7.5
CATALYST (NA-BT-1)	96.3	56.7	63.3	73.3	90.0	6.3	6.3	8.0	8.0	7.2
FAITH (K06-WA)	93.3	65.0	56.7	66.7	81.7	7.0	6.0	7.3	8.3	7.2
FALCON V (ATM)	99.0	61.7	58.3	66.7	90.0	6.7	6.7	7.0	8.3	7.2
JAMBOREE (IS-TF-128)	94.7	56.7	65.0	61.7	85.0	7.0	7.0	7.7	7.0	7.2
LS 1200 (SC-1)	91.7	66.7	55.0	71.7	85.0	7.0	6.3	7.0	8.3	7.2
BULLSEYE	94.7	61.7	60.0	63.3	83.3	6.7	6.3	7.0	8.0	7.0
RK 4	91.7	61.7	61.7	68.3	73.3	6.7	6.3	7.7	7.0	6.9
FIRECRACKER LS (MVS-MST)	97.7	65.0	56.7	66.7	86.7	6.3	5.7	7.3	8.0	6.8
FINELAWN XPRESS (RP 2)	97.7	65.0	60.0	71.7	80.0	7.0	6.7	7.3	5.7	6.7
MVS-1107	86.7	53.3	61.7	70.0	78.3	6.0	6.7	7.3	6.7	6.7
RK 5	91.3	58.3	55.0	68.3	78.3	6.7	6.3	7.0	6.7	6.7
TURBO	91.3	53.3	53.3	68.3	81.7	5.7	6.0	7.0	8.0	6.7
TANZANIA (IS-TF-159)	91.7	56.7	56.7	68.3	83.3	5.7	6.3	7.3	7.0	6.6
ESSENTIAL (IS-TF-154)	96.3	56.7	58.3	61.7	88.3	5.7	6.0	7.0	7.3	6.5
FAT CAT (IS-TF-161)	81.7	65.0	58.3	56.7	75.0	6.7	6.0	6.7	6.7	6.5
GAZELLE II (PST-5HP)	86.7	51.7	56.7	63.3	75.0	6.0	6.3	7.3	6.3	6.5
SHENANDOAH ELITE (RK 6)	91.7	58.3	53.3	60.0	85.0	6.3	5.3	7.3	7.0	6.5
SHENANDOAH III (SH 3)	94.3	51.7	56.7	51.7	83.3	6.0	6.0	6.3	7.3	6.4
SPYDER LS (Z-2000)	83.3	66.7	61.7	63.3	65.0	7.0	6.3	7.0	4.7	6.3
WOLFPACK II (PST-5WMB)	88.3	50.0	55.0	65.0	83.3	5.0	5.3	7.3	7.3	6.3
HEMI	85.0	51.7	53.3	66.7	80.0	5.0	5.7	7.0	7.0	6.2
TALLADEGA (RP 3)	83.3	51.7	56.7	63.3	80.0	6.0	5.7	6.7	6.3	6.2
TRIO (IS-TF-152)	81.7	55.0	43.3	55.0	78.3	6.3	5.0	6.7	6.7	6.2
JT-36	80.0	53.3	55.0	65.0	61.7	5.7	6.3	7.0	5.3	6.1
COCHISE IV (RKCL)	94.7	50.0	45.0	65.0	76.7	5.0	4.7	7.3	7.0	6.0
FALCON NG (CE 1)	85.0	51.7	51.7	58.3	83.3	5.0	5.7	6.0	7.3	6.0
GARRISON (IS-TF-153)	85.0	51.7	46.7	53.3	83.3	5.7	5.3	6.0	7.0	6.0
VENTURE (J-140)	88.0	51.7	50.0	60.0	61.7	5.7	5.3	6.7	6.3	6.0
ROCKET (IS-TF-147)	85.0	45.0	51.7	48.3	80.0	5.0	5.7	6.7	6.7	6.0
CANNAVARO (DP 50-9440)	94.3	53.3	43.3	51.7	76.7	5.7	4.3	6.0	7.7	5.9
MUSTANG 4 (M4)	90.0	50.0	50.0	53.3	78.3	5.7	5.0	6.0	7.0	5.9
RHAMBLER SRP (RHAMBLER)	85.0	51.7	46.7	61.7	76.7	5.3	4.7	6.0	7.7	5.9
PSG-82BR	88.3	45.0	55.0	53.3	75.0	5.0	5.7	6.3	6.3	5.8
BLADERUNNER 2 (PSG-85QR)	88.3	48.3	51.7	56.7	75.0	5.0	5.0	6.3	6.7	5.8
RAPTOR II (MVS-TF-158)	81.7	50.0	48.3	65.0	73.3	5.0	5.0	6.7	6.3	5.8
SIDEWINDER (IS-TF-138)	78.3	53.3	43.3	65.0	71.7	5.0	5.0	7.3	5.7	5.8
SKYLINE	80.0	40.0	51.7	63.3	71.7	4.3	5.3	6.3	7.0	5.8
SPEEDWAY (STR-8BPDx)	88.3	50.0	50.0	63.3	78.3	4.7	5.3	7.0	6.0	5.8
VAN GOGH (LTP-RK2)	96.0	46.7	41.7	56.7	75.0	5.3	4.0	6.7	7.0	5.8
REBEL IV	88.3	46.7	50.0	53.3	70.0	5.7	5.3	6.0	5.7	5.7
GREENBROOKS (TG 50-9460)	88.3	50.0	45.0	56.7	68.3	5.7	5.3	5.3	6.0	5.6
MONET (LTP-610 CL)	83.3	36.7	45.0	55.0	71.7	4.0	5.0	6.0	7.3	5.6
PEDIGREE (ATF-1199)	89.7	45.0	50.0	51.7	63.3	6.0	5.3	6.0	5.0	5.6
TURBO RZ (BURL-TF8)	81.7	45.0	50.0	61.7	71.7	4.7	6.0	6.3	5.3	5.6

TABLE 11. (CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURF CANOPY					QUALITY RATINGS AFTER TRAFFIC COMPACTION					QUALITY MEAN
	BEFORE TRAFFIC MAY 9	8 DAYS MAY 25	25 DAYS JUNE 11	44 DAYS JUNE 30	171 DAYS NOV 4	8 DAYS MAY 25	24 DAYS JUNE 10	43 DAYS JUNE 29	162 DAYS OCT 26		
CEZANNE RZ (LTP-CRL)	81.7	40.0	45.0	55.0	70.0	5.0	5.0	6.0	6.0	5.5	
JT-42	83.3	41.7	51.7	66.7	68.3	4.7	5.3	7.0	5.0	5.5	
ESCALADE	85.0	53.3	46.7	61.7	70.0	4.7	5.3	6.0	5.7	5.4	
FALCON IV	83.3	40.0	50.0	58.3	70.0	4.7	5.7	5.7	5.3	5.3	
HONKY TONK (RAD-TF17)	80.0	46.7	46.7	46.7	60.0	5.0	4.7	6.7	5.0	5.3	
KY-41 (JT-41)	80.0	43.3	45.0	55.0	61.7	5.0	5.3	6.0	5.0	5.3	
TERRIER (IS-TF-135)	76.7	40.0	41.7	53.3	73.3	4.3	4.3	5.7	6.3	5.2	
TOCCOA (IS-TF-151)	81.7	41.7	41.7	55.0	70.0	4.7	5.3	5.3	5.3	5.2	
JUSTICE	86.7	38.3	40.0	53.3	60.0	4.7	4.3	5.7	5.7	5.1	
MVS-341	76.7	41.7	46.7	56.7	68.3	4.0	5.0	5.7	5.7	5.1	
BRAVEHEART (DP 50-9407)	78.3	41.7	35.0	51.7	71.7	4.0	3.3	5.7	7.0	5.0	
TULSA TIME (TULSA III)	85.0	33.3	46.7	60.0	65.0	3.7	4.7	5.7	5.7	4.9	
3RD MILLENNIUM SRP	83.3	41.7	45.0	53.3	65.0	3.7	4.3	6.0	5.3	4.8	
BAR FA 6253	85.0	40.0	43.3	46.7	70.0	4.3	4.3	5.0	5.3	4.8	
GE-1	76.7	40.0	38.3	55.0	71.7	3.7	4.3	5.3	5.7	4.8	
STR-8BB5	86.7	41.7	36.7	53.3	66.7	5.0	3.7	5.3	5.3	4.8	
STR-8GRQR	80.0	38.3	45.0	61.7	68.3	4.7	4.7	5.0	4.7	4.8	
TAHOE II	76.7	40.0	46.7	58.3	65.0	4.0	4.7	5.7	4.7	4.8	
TITANIUM LS (MVS-BB-1)	83.3	31.7	43.3	45.0	76.7	3.0	4.3	5.3	6.3	4.8	
UMBRELLA (DP 50-9411)	81.7	33.3	36.7	55.0	71.7	3.7	3.3	5.3	7.0	4.8	
INTEGRITY (BGR-TF1)	76.7	36.7	41.7	51.7	65.0	3.7	4.3	5.7	4.7	4.6	
MAGELLAN	78.3	31.7	45.0	58.3	65.0	3.0	4.3	5.7	5.3	4.6	
REMBRANDT	73.3	36.7	40.0	55.0	58.3	4.3	4.7	4.7	4.7	4.6	
SR 8650 (STR-8LMM)	76.7	40.0	38.3	46.7	66.7	4.7	3.3	5.0	5.3	4.6	
FIRENZA	91.3	25.0	35.0	50.0	71.7	3.3	3.3	5.0	6.3	4.5	
SUNSET GOLD (KZ-2)	75.0	41.7	41.7	46.7	61.7	3.7	4.0	5.0	5.3	4.5	
O6-DUST	76.7	38.3	40.0	48.3	66.7	3.7	3.3	5.3	5.3	4.4	
HUDSON (DKS)	68.3	35.0	38.3	51.7	50.0	4.0	4.3	5.3	4.0	4.4	
NINJA 3 (ATF 1247)	78.3	28.3	36.7	55.0	60.0	3.3	3.7	5.3	5.0	4.3	
STETSON II (NA-SS)	71.7	38.3	40.0	46.7	61.7	3.7	3.7	5.3	4.7	4.3	
XTREMEGREEN (BGR-TF2)	78.3	40.0	40.0	58.3	53.3	3.3	4.3	6.0	3.7	4.3	
CORONA (COL-M)	78.3	35.0	41.7	43.3	55.0	3.7	3.7	4.7	4.7	4.2	
EINSTEIN	65.0	30.0	40.0	45.0	56.7	3.7	4.0	4.3	4.7	4.2	
JT-45	85.0	35.0	41.7	46.7	68.3	3.3	4.0	4.3	5.0	4.2	
TITAN RX (PSG-TTST)	75.0	43.3	43.3	51.7	58.3	4.3	3.7	4.3	4.3	4.2	
COL-1	85.0	31.7	40.0	41.7	58.3	3.0	3.7	4.7	5.0	4.1	
COMPETE (LS-06)	71.7	26.7	33.3	53.3	55.0	2.7	3.3	5.0	5.3	4.1	
GOLD MEDALLION (KZ-1)	80.0	33.3	35.0	48.3	61.7	3.7	3.3	5.0	4.3	4.1	
JT-33	73.3	35.0	38.3	48.3	65.0	3.3	4.0	4.3	4.7	4.1	
REUNION (LS-03)	71.7	30.0	35.0	36.7	53.3	3.7	3.3	4.7	4.7	4.1	
BILTMORE	73.3	30.0	38.3	51.7	50.0	3.3	4.0	4.7	4.0	4.0	
DARLINGTON (CS-TF1)	73.3	36.7	35.0	51.7	56.7	3.7	3.3	5.0	4.0	4.0	
ESCALANTE (GO-1BFD)	78.3	30.0	38.3	50.0	60.0	2.7	3.3	4.7	5.3	4.0	
PATAGONIA (GWTF)	81.7	33.3	31.7	50.0	60.0	3.0	2.7	4.7	5.7	4.0	
J-130	86.7	40.0	38.3	41.7	63.3	4.0	3.7	3.3	5.0	4.0	

TABLE 11. (CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2011 DATA

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

NAME	BEFORE TRAFFIC MAY 9	PERCENT FULLNESS OF TURF CANOPY DAYS AFTER TRAFFIC COMPACTION				QUALITY RATINGS AFTER TRAFFIC COMPACTION				QUALITY MEAN
		8 DAYS MAY 25	25 DAYS JUNE 11	44 DAYS JUNE 30	171 DAYS NOV 4	8 DAYS MAY 25	24 DAYS JUNE 10	43 DAYS JUNE 29	162 DAYS OCT 26	
RNP	71.7	35.0	33.3	45.0	53.3	3.3	3.3	5.7	3.7	4.0
AST7003	76.7	31.7	30.0	36.7	55.0	3.7	3.0	4.3	4.7	3.9
LINDBERGH	65.0	35.0	38.3	46.7	48.3	3.7	3.0	5.3	3.7	3.9
AST 7002	76.7	30.0	33.3	46.7	65.0	2.7	3.0	4.3	5.0	3.8
AST9001 (AST-3)	78.3	28.3	30.0	43.3	51.7	3.0	3.3	4.3	4.7	3.8
AST9002 (AST-2)	80.0	33.3	41.7	45.0	63.3	3.0	3.3	4.0	4.7	3.8
CROSSFIRE 3 (COL-J)	73.3	33.3	33.3	45.0	53.3	3.7	3.0	4.7	3.7	3.8
LS 1010 (ATF 1328)	76.7	35.0	36.7	53.3	63.3	2.7	2.7	4.7	5.3	3.8
PADRE	76.7	26.7	40.0	40.0	61.7	3.0	4.0	3.7	4.3	3.8
PLATO	66.7	40.0	38.3	38.3	50.0	4.7	3.7	3.7	3.3	3.8
AST 7001	71.7	26.7	38.3	43.3	56.7	2.7	3.0	5.0	4.0	3.7
AST1001 (AST-4)	76.7	31.7	30.0	43.3	56.7	2.7	3.0	4.3	4.7	3.7
HUNTER	76.7	25.0	35.0	33.3	50.0	2.7	3.3	4.3	4.3	3.7
TITAN ULTRA (PSG-TTRH)	76.7	28.3	35.0	41.7	46.7	3.0	3.3	4.0	4.0	3.6
BAR FA 6363	78.3	33.3	36.7	46.7	48.3	3.3	3.3	3.3	3.7	3.4
RENDITION RX (PSG-RNDR)	81.7	26.7	31.7	35.0	48.3	3.3	2.7	3.7	4.0	3.4
ARISTOTLE	55.0	25.0	35.0	41.7	35.0	2.7	3.3	3.3	3.3	3.2
AST9003 (AST-1)	78.3	23.3	33.3	38.3	56.7	2.3	2.7	3.3	4.3	3.2
RENOVATE (LS-11)	71.7	25.0	26.7	41.7	53.3	1.7	2.0	4.0	5.0	3.2
SILVERADO	63.3	25.0	33.3	36.7	45.0	3.0	3.3	3.3	3.0	3.2
06-WALK	73.3	25.0	35.0	41.7	51.7	2.7	2.3	4.0	3.3	3.1
0312	73.3	30.0	26.7	36.7	46.7	2.3	1.7	2.3	3.0	2.3
KY-31	50.0	11.7	25.0	23.3	30.0	1.0	1.3	1.0	1.3	1.2
LSD VALUE	8.1	17.9	13.0	16.8	12.2	2.0	1.9	1.8	1.4	1.2
C.V. (%)	6.6	25.6	18.0	18.2	11.9	27.2	25.1	19.4	16.4	15.1

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 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2011 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SUMMER	QUALITY RATINGS				MEAN
			MAR	APR	MAY	JUN	
AST9003 (AST-1)	9.0	56.0	6.7	8.7	8.0	2.7	6.5
FAITH (K06-WA)	9.0	70.7	7.3	7.3	7.3	3.0	6.3
HUDSON (DKS)	9.0	58.0	6.7	8.3	7.7	2.3	6.3
LS 1200 (SC-1)	9.0	74.3	7.3	7.0	7.0	3.7	6.3
SPYDER LS (Z-2000)	9.0	78.7	6.7	7.7	7.3	3.3	6.3
SR 8650 (STR-8LMM)	9.0	86.7	7.0	7.0	7.3	3.7	6.3
XTREMEGREEN (BGR-TF2)	9.0	65.0	6.7	8.0	7.7	3.0	6.3
BAR FA 6253	9.0	72.0	6.3	7.3	8.0	3.0	6.2
AST9001 (AST-3)	9.0	80.0	6.7	7.7	7.7	2.3	6.1
BAR FA 6363	9.0	79.3	6.3	8.0	7.3	2.7	6.1
RENOVATE (LS-11)	8.7	70.0	7.0	7.7	7.7	2.0	6.1
RK 5	9.0	51.7	7.7	7.3	7.3	2.0	6.1
06-WALK	9.0	67.0	7.0	7.0	7.3	2.7	6.0
AST1001 (AST-4)	8.7	72.0	6.7	7.3	7.3	2.7	6.0
AST7003	9.0	70.3	7.0	7.3	7.7	2.0	6.0
AST9002 (AST-2)	8.3	76.7	6.3	7.3	8.0	2.3	6.0
COL-1	9.0	72.3	6.7	7.3	8.0	2.0	6.0
TITAN ULTRA (PSG-TTRH)	9.0	63.7	7.0	7.3	7.3	2.3	6.0
REUNION (LS-03)	8.7	75.0	6.7	7.3	7.7	2.3	6.0
WOLFPACK II (PST-5WMB)	9.0	69.3	7.0	7.3	7.3	2.3	6.0
BILTMORE	9.0	65.7	6.3	7.3	7.3	2.7	5.9
FALCON V (ATM)	9.0	65.7	7.0	7.0	7.0	2.7	5.9
ESCALANTE (GO-1BFD)	9.0	76.0	7.3	7.0	7.0	2.3	5.9
PATAGONIA (GWTF)	8.3	62.7	6.7	7.3	7.7	2.0	5.9
HONKY TONK (RAD-TF17)	9.0	82.7	6.7	7.3	7.3	2.3	5.9
JT-33	8.7	70.7	6.3	7.3	7.3	2.7	5.9
LS 1010 (ATF 1328)	8.7	61.3	7.0	7.3	7.3	2.0	5.9
PADRE	9.0	68.7	7.0	7.0	7.0	2.7	5.9
PSG-82BR	8.7	76.3	6.7	7.0	7.3	2.7	5.9
ROCKET (IS-TF-147)	9.0	76.3	6.3	7.7	7.0	2.7	5.9
SIDEWINDER (IS-TF-138)	9.0	50.7	6.3	7.3	7.7	2.3	5.9
SUNSET GOLD (KZ-2)	8.7	54.7	7.0	7.7	7.0	2.0	5.9
3RD MILLENNIUM SRP	8.7	61.0	6.3	7.3	7.3	2.3	5.8
AST 7001	9.0	66.7	6.3	7.3	7.3	2.0	5.8
BRAVEHEART (DP 50-9407)	9.0	64.7	6.3	7.0	7.3	2.3	5.8
COMPETE (LS-06)	8.3	69.7	6.0	7.3	7.7	2.3	5.8
CORONA (COL-M)	9.0	68.3	6.3	7.3	7.7	2.0	5.8
CROSSFIRE 3 (COL-J)	8.7	59.7	6.3	7.3	7.3	2.3	5.8
FAT CAT (IS-TF-161)	8.3	67.0	6.3	7.3	7.3	2.0	5.8
FINELAWN XPRESS (RP 2)	8.7	66.7	6.3	7.0	7.3	2.3	5.8
GE-1	9.0	61.0	7.3	7.0	6.7	2.0	5.8
GOLD MEDALLION (KZ-1)	8.7	70.7	6.7	7.0	7.7	2.0	5.8
HEMI	8.7	56.7	6.3	7.0	7.3	2.3	5.8
INTEGRITY (BGR-TF1)	8.3	70.3	6.7	7.3	7.3	2.0	5.8
J-130	9.0	76.0	7.0	7.0	7.3	2.0	5.8

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2011 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SUMMER	QUALITY RATINGS				MEAN
			MAR	APR	MAY	JUN	
VENTURE (J-140)	9.0	78.3	6.7	7.3	7.0	2.0	5.8
KY-41 (JT-41)	9.0	61.3	6.7	7.7	7.0	2.0	5.8
JT-42	8.7	69.3	6.3	7.3	7.3	2.3	5.8
JUSTICE	8.7	67.0	6.7	7.0	7.0	2.7	5.8
MAGELLAN	9.0	74.7	6.7	7.0	7.0	2.7	5.8
MUSTANG 4 (M4)	9.0	55.3	7.3	7.0	7.0	2.0	5.8
BLADERUNNER 2 (PSG-85QR)	9.0	63.7	6.7	7.3	7.0	2.3	5.8
TITAN RX (PSG-TTST)	9.0	70.3	6.3	7.0	7.0	2.7	5.8
REMBRANDT	8.7	63.3	7.0	7.0	7.0	2.0	5.8
RHAMBLER SRP (RHAMBLER)	9.0	74.7	6.7	7.0	7.0	2.7	5.8
RNP	8.3	60.3	6.3	6.7	7.7	2.7	5.8
SHENANDOAH III (SH 3)	9.0	64.0	6.7	7.0	7.3	2.3	5.8
STR-8GRQR	9.0	70.0	6.7	7.0	7.0	2.3	5.8
TULSA TIME (TULSA III)	8.7	73.0	6.3	7.0	7.3	2.3	5.8
CATALYST (NA-BT-1)	9.0	76.7	6.3	7.0	6.7	2.7	5.7
DARLINGTON (CS-TF1)	8.3	71.3	6.0	7.0	7.7	2.0	5.7
FALCON IV	9.0	77.7	6.0	7.0	7.3	2.3	5.7
FIRECRACKER LS (MVS-MST)	9.0	52.7	6.3	7.0	7.3	2.0	5.7
FIRENZA	9.0	65.0	6.3	7.3	6.7	2.3	5.7
MONET (LTP-610 CL)	8.7	58.7	7.3	7.0	6.3	2.0	5.7
PEDIGREE (ATF-1199)	9.0	81.0	6.3	7.3	7.0	2.0	5.7
PLATO	9.0	62.3	7.0	7.3	6.3	2.0	5.7
RENDITION RX (PSG-RNDR)	9.0	68.3	6.7	7.0	7.0	2.0	5.7
RAPTOR II (MVS-TF-158)	8.7	72.7	6.0	7.7	7.0	2.0	5.7
RK 4	9.0	46.3	6.7	7.0	7.0	2.0	5.7
SHENANDOAH ELITE (RK 6)	9.0	77.7	6.3	7.0	7.0	2.3	5.7
TALLADEGA (RP 3)	8.7	72.3	6.0	7.0	7.3	2.3	5.7
TANZANIA (IS-TF-159)	8.7	65.3	6.0	7.0	7.7	2.0	5.7
TRIO (IS-TF-152)	8.3	63.3	6.0	7.0	7.7	2.0	5.7
TURBO	8.7	58.7	6.3	7.0	7.3	2.0	5.7
BULLSEYE	8.7	65.7	5.7	7.0	7.3	2.3	5.6
FALCON NG (CE 1)	9.0	56.7	6.3	7.0	7.0	2.0	5.6
GAZELLE II (PST-5HP)	9.0	62.0	6.3	7.0	7.0	2.0	5.6
JT-36	8.3	60.0	6.0	7.0	7.0	2.3	5.6
LINDBERGH	8.7	70.3	6.3	7.0	6.7	2.3	5.6
MVS-1107	8.7	75.0	5.7	7.3	7.0	2.3	5.6
STETSON II (NA-SS)	8.7	61.7	6.0	7.3	7.0	2.0	5.6
STR-8BB5	9.0	73.7	6.3	7.0	7.0	2.0	5.6
O6-DUST	8.3	48.7	6.3	7.0	6.7	2.0	5.5
ARISTOTLE	8.7	50.3	6.3	7.0	6.3	2.3	5.5
CEZANNE RZ (LTP-CRL)	9.0	44.7	7.0	6.3	6.7	2.0	5.5
COCHISE IV (RKCL)	9.0	55.3	6.7	6.7	6.7	2.0	5.5
EINSTEIN	8.3	62.7	6.7	6.7	6.7	2.0	5.5
ESSENTIAL (IS-TF-154)	8.7	74.0	5.3	7.0	7.0	2.7	5.5
MVS-341	8.7	59.0	6.0	6.7	7.0	2.3	5.5

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2011 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SUMMER	QUALITY RATINGS				MEAN
			MAR	APR	MAY	JUN	
SILVERADO	8.7	66.3	6.0	7.0	6.7	2.3	5.5
TAHOE II	8.3	68.7	5.3	7.0	7.3	2.3	5.5
TRAVERSE SRP (RK-1)	9.0	66.3	6.3	7.0	6.7	2.0	5.5
TURBO RZ (BURL-TF8)	9.0	74.3	5.7	7.0	6.7	2.7	5.5
AST 7002	8.0	62.0	6.0	6.7	6.7	2.3	5.4
ESCALADE	8.7	60.3	6.3	6.7	6.7	2.0	5.4
GARRISON (IS-TF-153)	9.0	80.0	5.3	7.0	7.0	2.3	5.4
HUNTER	8.0	72.7	6.0	6.3	6.7	2.7	5.4
JT-45	8.0	60.0	6.0	6.7	6.7	2.3	5.4
REBEL IV	9.0	51.7	6.7	6.7	6.3	2.0	5.4
SKYLINE	9.0	50.0	6.3	7.0	6.3	2.0	5.4
SPEEDWAY (STR-8BPDx)	8.7	60.7	6.0	6.7	7.0	2.0	5.4
GREENBROOKS (TG 50-9460)	8.7	46.0	6.0	6.7	6.3	2.0	5.3
JAMBOREE (IS-TF-128)	9.0	59.0	5.7	7.0	6.7	2.0	5.3
NINJA 3 (ATF 1247)	7.7	56.7	5.7	6.7	6.3	2.3	5.3
TITANIUM LS (MVS-BB-1)	8.7	60.3	6.0	6.3	7.0	2.0	5.3
TOCCOA (IS-TF-151)	8.3	67.0	5.0	6.3	7.0	2.3	5.2
O312	9.0	64.7	5.3	6.0	6.7	2.3	5.1
TERRIER (IS-TF-135)	8.3	53.3	5.0	6.7	6.7	2.0	5.1
UMBRELLA (DP 50-9411)	9.0	32.0	5.3	6.7	5.7	2.0	4.9
VAN GOGH (LTP-RK2)	7.7	37.3	5.7	6.0	5.7	2.3	4.9
CANNAVARO (DP 50-9440)	4.7	50.0	5.3	6.3	5.7	2.0	4.8
KY-31	6.7	53.3	4.3	4.0	3.7	2.3	3.6
LSD VALUE	1.3	62.5	2.0	1.6	1.4	3.5	1.0
C.V. (%)	7.4	24.7	12.4	9.5	9.9	28.2	8.0

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

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

TABLE 13.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	GA1	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA4	WI1	MEAN
SUNSET GOLD (KZ-2)	6.7	6.3	8.0	6.7	8.0	7.3	7.7	6.3	7.0	8.3	7.0	8.3	6.7	7.7	8.3	8.0	8.0	7.7	9.0	8.0	7.6
AST 7001	7.0	6.3	8.0	6.7	8.0	7.0	8.0	6.7	7.0	8.3	7.0	8.7	7.0	8.0	8.3	8.3	7.3	7.7	7.7	8.0	7.6
STETSON II (NA-SS)	5.7	6.7	8.0	7.0	8.3	7.0	7.7	6.7	7.0	8.0	7.0	8.7	6.3	8.0	7.7	8.3	7.3	8.3	8.7	8.7	7.6
GOLD MEDALLION (KZ-1)	6.7	6.3	7.7	7.3	9.0	7.3	7.3	6.3	7.0	8.0	7.0	7.7	8.0	7.3	8.3	7.7	7.0	8.0	8.3	8.3	7.5
AST9001 (AST-3)	6.7	7.0	8.0	7.0	7.7	7.3	5.7	7.0	7.0	7.3	7.0	8.3	8.0	8.0	8.3	8.0	7.7	7.7	9.0	8.0	7.5
CORONA (COL-M)	5.7	6.3	8.3	7.3	8.0	7.0	6.7	6.7	7.0	8.0	7.0	8.0	8.0	7.7	8.3	8.0	8.0	7.3	9.0	7.7	7.5
RENOVATE (LS-11)	6.7	6.7	8.0	7.0	8.3	7.3	6.3	6.3	7.0	7.3	6.7	8.0	7.3	8.3	8.0	7.7	7.3	8.0	8.7	8.7	7.5
TRIO (IS-TF-152)	6.7	6.5	8.0	7.3	8.3	7.0	7.7	6.7	7.0	7.3	7.0	7.7	7.0	7.3	8.3	8.3	7.3	7.7	8.7	7.7	7.5
DARLINGTON (CS-TF1)	7.3	6.0	8.0	6.3	7.7	7.3	7.0	7.0	7.0	8.0	7.0	7.7	6.7	7.7	8.3	7.7	8.3	8.0	8.0	8.0	7.5
HUNTER	6.0	5.7	8.0	7.0	8.0	7.3	7.7	6.7	7.0	7.3	7.0	9.0	7.0	8.7	7.7	8.3	6.7	7.3	8.3	7.7	7.4
HUDSON (DKS)	6.7	6.5	8.0	6.3	7.7	7.0	7.3	6.3	7.0	8.0	7.0	7.7	7.3	7.3	8.3	8.3	7.0	7.7	8.3	8.3	7.4
AST9002 (AST-2)	6.3	6.0	8.0	7.0	8.0	7.3	7.0	6.3	7.0	7.3	7.0	7.7	7.0	8.0	8.7	8.0	7.0	8.0	8.0	7.7	7.4
AST9003 (AST-1)	7.0	5.7	8.0	7.0	8.0	6.7	7.0	7.0	7.0	7.3	7.0	8.7	6.3	7.7	8.7	8.0	7.3	7.3	7.7	7.7	7.4
SIDEWINDER (IS-TF-138)	6.3	6.3	8.0	7.3	8.3	7.0	7.0	7.0	7.0	7.7	7.0	6.0	7.3	7.7	8.7	8.3	6.7	7.3	8.7	7.3	7.4
AST7003	6.3	5.3	8.0	7.0	7.3	7.0	7.3	6.3	7.0	7.3	7.0	8.3	7.0	7.0	8.7	8.3	7.3	7.7	8.0	8.3	7.3
RNP	6.3	6.5	8.0	6.0	8.0	7.0	7.0	6.0	7.0	7.0	7.0	7.7	7.0	7.7	8.3	8.3	6.7	8.0	8.3	8.7	7.3
AST1001 (AST-4)	5.3	6.7	8.0	7.3	7.7	7.0	7.0	7.0	7.0	6.3	7.0	8.3	5.3	7.7	8.3	8.0	7.7	8.3	8.0	8.0	7.3
TOCCOA (IS-TF-151)	6.7	5.5	8.0	6.0	8.0	6.3	7.7	6.7	7.0	7.3	7.0	8.3	7.3	7.7	7.3	7.7	7.7	7.7	8.3	7.7	7.3
AST 7002	5.7	7.0	8.0	6.7	7.7	7.0	6.3	6.3	7.0	7.3	7.0	7.7	7.0	8.3	7.0	8.7	7.0	7.0	8.3	8.7	7.3
CROSSFIRE 3 (COL-J)	6.0	5.3	8.0	7.3	8.0	7.0	6.7	6.7	7.0	7.3	6.7	8.0	6.7	8.0	8.0	8.3	7.7	8.0	8.0	7.0	7.3
INTEGRITY (BGR-TF1)	7.0	6.3	8.0	8.3	8.0	6.3	7.3	5.7	6.3	7.7	7.0	7.7	7.0	7.3	7.3	8.0	7.3	7.3	7.3	8.0	7.3
REUNION (LS-03)	7.0	6.0	8.0	7.0	7.7	7.3	6.7	6.7	6.7	8.0	7.0	7.0	6.0	7.3	8.3	8.3	7.3	7.3	7.3	8.0	7.3
PATAGONIA (GWTF)	6.7	6.0	8.0	7.7	8.0	6.7	6.3	6.0	6.7	7.3	7.0	7.0	6.3	7.7	6.7	8.3	7.7	7.3	8.3	8.0	7.2
RAPTOR II (MVS-TF-158)	6.3	5.7	8.0	7.3	7.7	6.7	5.7	7.0	6.7	7.0	7.0	6.3	8.0	7.3	7.7	8.0	7.3	8.0	9.0	7.0	7.2
TANZANIA (IS-TF-159)	6.3	7.0	8.0	6.7	8.3	6.7	6.0	8.0	6.7	7.0	6.7	6.3	7.0	6.3	8.0	8.3	7.0	7.7	7.7	8.0	7.2
LS 1010 (ATF 1328)	6.3	6.0	8.0	7.0	6.7	5.7	7.0	6.0	6.3	7.7	7.0	7.3	7.7	8.0	7.3	8.3	7.0	7.7	8.7	7.3	7.2
UMBRELLA (DP 50-9411)	5.7	5.0	8.0	7.3	7.7	7.0	6.7	6.3	7.0	7.3	7.0	6.3	7.0	7.3	7.7	8.3	7.3	7.3	8.0	8.7	7.2
LS 1200 (SC-1)	7.0	5.7	8.0	7.0	8.3	6.3	6.0	5.3	7.0	7.3	6.7	7.3	7.0	7.0	8.0	8.7	6.7	6.7	8.7	7.7	7.1
GARRISON (IS-TF-153)	6.0	6.0	8.0	7.3	8.0	7.0	5.7	6.3	6.3	7.7	7.0	6.3	7.0	6.3	8.3	8.3	7.3	6.7	8.3	8.0	7.1
FAT CAT (IS-TF-161)	5.3	6.0	8.0	5.7	7.7	7.0	7.0	6.3	7.0	7.7	7.0	8.0	7.0	7.3	7.7	8.0	6.7	7.0	8.0	7.3	7.1
COL-1	7.0	4.7	8.0	6.0	8.0	7.0	5.7	7.3	6.7	7.7	7.0	6.0	6.7	7.3	8.3	8.3	7.0	7.3	8.3	7.3	7.1
J-130	7.0	5.7	8.0	6.7	8.0	6.7	5.7	6.0	6.7	7.7	7.0	7.0	6.3	7.3	7.7	8.3	7.0	7.3	8.3	7.3	7.1
COMPETE (LS-06)	6.0	5.5	8.0	6.0	8.0	7.0	7.0	6.0	6.7	7.7	6.7	8.0	7.0	7.3	7.3	7.7	7.0	7.3	7.7	7.7	7.1
SPYDER LS (Z-2000)	6.7	5.7	7.7	7.3	7.0	6.3	7.0	6.0	6.7	7.7	7.0	7.0	6.0	6.3	8.7	8.3	7.7	6.7	8.7	7.0	7.1
XTREMEGREEN (BGR-TF2)	5.3	6.0	7.7	7.7	7.3	6.7	7.0	6.0	6.7	6.7	7.0	8.0	6.3	7.7	7.0	8.0	7.0	7.0	8.3	7.7	7.1
0312	6.3	4.5	8.0	6.3	7.7	6.7	6.7	6.3	6.3	7.0	7.0	8.3	5.3	7.7	7.3	8.0	7.7	7.0	7.7	8.3	7.0
JT-36	7.3	6.0	8.0	6.3	7.7	6.3	7.7	6.3	6.7	7.7	7.0	5.7	5.3	7.0	7.3	7.7	7.0	6.7	8.3	7.7	7.0
TERRIER (IS-TF-135)	6.7	6.0	8.0	7.0	8.0	7.0	6.3	5.7	6.3	6.3	7.0	6.3	7.3	7.0	7.0	7.7	7.3	7.0	7.7	7.7	7.0
TULSA TIME (TULSA III)	7.0	6.3	8.0	7.3	7.3	6.3	6.3	6.3	6.3	7.0	6.7	5.7	6.7	6.7	7.3	8.0	7.3	6.7	8.0	7.7	7.0
MUSTANG 4 (M4)	7.7	5.7	7.3	7.3	7.7	6.3	5.0	6.3	6.3	7.7	7.0	5.7	6.7	6.3	8.3	8.3	7.3	7.0	8.3	6.3	6.9
BRAVEHEART (DP 50-9407)	6.7	6.3	7.3	7.0	7.3	7.0	6.7	5.7	6.3	7.7	7.0	6.0	6.3	6.0	8.0	8.0	7.3	6.7	8.0	7.3	6.9

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	GA1	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA4	WI1	MEAN
HONKY TONK (RAD-TF17)	7.0	6.0	8.0	6.7	7.3	6.3	5.0	6.3	6.0	7.7	7.0	6.7	5.7	7.7	6.7	8.0	7.3	7.0	8.3	7.3	6.9
BAR FA 6363	5.0	7.0	8.0	8.0	7.0	6.3	5.7	6.7	6.0	7.3	6.7	7.0	5.0	7.7	7.7	8.0	6.7	6.3	9.0	7.0	6.9
JT-45	6.7	5.3	8.0	6.7	8.0	6.3	6.3	5.7	6.7	7.0	6.7	6.3	6.3	6.3	8.0	7.7	7.3	7.3	8.0	7.3	6.9
SHENANDOAH ELITE (RK 6)	6.0	6.0	7.7	7.3	8.0	6.7	5.7	6.3	6.3	7.3	7.0	6.0	6.0	6.3	7.7	8.0	7.3	7.0	8.3	7.0	6.9
CANNAVARO (DP 50-9440)	5.0	6.0	7.7	7.7	7.3	6.0	5.0	5.7	7.0	7.0	7.0	4.7	7.7	6.7	8.0	8.3	7.3	6.3	9.0	8.0	6.9
TAHOE II	6.0	6.0	8.0	6.7	7.3	6.0	6.3	6.3	6.0	7.0	7.0	5.7	6.0	7.0	8.0	7.7	7.7	7.0	8.0	7.7	6.9
FAITH (K06-WA)	7.0	5.3	8.0	8.3	7.3	6.3	5.7	5.0	6.0	7.7	7.0	6.0	7.0	7.0	6.7	8.0	6.3	6.3	9.0	7.0	6.9
NINJA 3 (ATF 1247)	7.3	5.7	8.0	7.3	7.7	6.3	6.0	5.7	6.0	7.0	7.0	5.3	6.3	6.3	7.7	8.3	6.7	7.0	8.3	7.0	6.9
BILTMORE	6.3	5.5	8.0	7.7	8.0	6.3	4.7	6.0	6.3	7.3	6.7	6.3	7.0	7.0	7.7	7.7	6.3	6.3	8.3	7.3	6.8
SKYLINE	6.0	6.3	8.0	7.3	7.7	6.7	4.3	6.7	6.3	6.7	7.0	6.3	6.7	7.0	6.7	7.7	7.3	7.0	9.0	6.0	6.8
RK 4	6.7	5.3	8.0	7.7	8.0	6.0	5.3	5.3	6.0	7.3	6.7	6.0	7.0	6.3	7.7	8.7	7.7	6.7	8.3	5.3	6.8
06-WALK	6.3	5.3	8.0	7.0	7.0	7.0	6.3	5.7	6.0	7.3	7.0	7.0	7.0	7.3	6.0	8.0	6.0	7.0	7.3	7.3	6.8
WOLFPACK II (PST-5WMB)	5.3	6.5	8.0	8.0	7.3	6.3	5.3	5.7	6.0	8.0	7.0	6.0	6.0	6.7	7.3	8.3	7.3	6.3	8.3	6.0	6.8
JT-42	6.3	6.3	8.0	7.7	8.0	6.3	6.7	6.3	6.0	7.3	7.0	5.0	4.3	6.3	6.7	8.3	7.0	6.7	7.7	7.7	6.8
ROCKET (IS-TF-147)	5.7	5.3	8.0	7.7	7.7	6.3	4.7	6.3	6.3	7.3	7.0	6.0	7.0	6.3	7.0	8.7	7.0	6.0	8.7	6.7	6.8
SR 8650 (STR-8LMM)	6.3	6.0	8.0	7.3	7.7	6.0	5.3	6.3	6.0	7.3	7.0	6.0	5.7	6.3	7.0	8.0	6.7	6.7	8.3	7.7	6.8
COCHISE IV (RKCL)	5.3	5.5	7.7	6.7	8.0	5.7	5.7	6.0	6.3	7.7	6.3	6.7	7.3	6.7	7.3	8.3	7.3	7.3	7.7	6.0	6.8
KY-41 (JT-41)	6.3	6.0	8.0	6.3	7.3	6.3	5.3	6.7	6.0	7.7	6.7	6.7	6.0	6.7	7.0	8.0	6.3	6.7	8.3	7.0	6.8
TURBO	7.3	5.7	8.0	6.7	7.7	6.0	5.7	6.0	6.0	7.0	7.0	6.3	5.3	5.7	8.0	8.3	7.7	6.7	8.3	6.0	6.8
SHENANDOAH III (SH 3)	6.0	5.5	8.0	8.0	7.3	5.7	6.0	5.3	6.0	8.0	7.0	5.7	4.7	6.0	8.3	8.0	7.3	6.7	8.3	7.3	6.8
VENTURE (J-140)	7.0	5.7	8.0	7.0	7.7	6.3	5.3	5.0	6.0	8.3	6.3	6.3	5.0	6.0	8.0	8.3	7.0	6.0	7.7	7.3	6.7
ARISTOTLE	6.0	6.3	8.0	6.3	7.7	5.7	5.7	5.0	6.0	7.7	6.7	6.3	6.7	7.3	6.3	8.3	7.0	5.7	8.3	7.3	6.7
RENDITION RX (PSG-RNDR)	5.0	6.3	8.0	7.0	7.0	6.0	4.7	6.0	6.3	6.7	6.7	7.0	5.3	7.7	8.3	8.0	7.3	6.3	7.7	7.0	6.7
BAR FA 6253	7.0	4.5	8.0	7.0	7.0	6.7	5.0	6.0	6.0	6.7	7.0	5.7	5.7	6.7	8.0	7.7	7.0	7.3	8.0	7.3	6.7
BULLSEYE	6.3	5.3	8.0	7.0	7.7	6.0	5.0	6.3	6.3	7.0	6.7	5.7	5.3	6.0	8.7	8.3	7.0	7.0	7.3	6.7	6.7
JAMBOREE (IS-TF-128)	6.0	4.7	8.0	7.7	8.0	6.0	6.0	6.3	6.3	7.3	7.0	6.0	6.0	6.3	7.0	8.3	6.7	6.3	7.3	6.3	6.7
FIRENZA	6.3	6.3	8.0	8.0	7.7	6.3	5.0	6.0	6.0	7.0	7.0	5.7	4.3	6.3	6.3	8.0	7.0	6.3	8.3	7.7	6.7
FINELAWN XPRESS (RP 2)	6.7	6.0	8.0	7.0	7.3	6.0	5.3	6.0	6.0	6.7	6.7	6.0	5.7	6.3	8.0	8.0	6.7	7.0	8.0	6.0	6.7
3RD MILLENNIUM SRP	6.3	6.0	8.0	8.0	7.3	6.0	5.0	5.7	6.0	7.3	6.7	6.3	5.7	6.3	7.0	8.0	7.0	6.0	8.0	6.3	6.7
TITAN ULTRA (PSG-TTRH)	6.7	5.0	8.0	7.3	7.7	6.0	4.7	5.3	6.0	7.0	7.0	6.7	6.3	6.3	7.0	7.7	6.7	6.0	7.7	7.7	6.6
MAGELLAN	6.3	5.7	8.0	7.7	7.0	6.3	5.7	5.3	6.0	7.0	7.0	5.3	6.7	6.7	7.0	8.3	6.3	6.0	7.7	6.3	6.6
REBEL IV	6.0	5.7	8.0	8.0	7.3	6.3	4.3	5.3	6.0	7.3	6.7	5.0	5.7	6.7	7.3	8.3	6.3	6.3	8.7	7.0	6.6
JT-33	6.3	5.0	8.0	7.3	7.3	6.3	5.3	5.7	6.3	6.7	6.7	5.7	4.0	7.7	7.3	8.0	6.0	7.3	7.7	7.3	6.6
GREENBROOKS (TG 50-9460)	5.7	6.0	8.0	7.0	7.3	6.0	5.3	5.7	6.7	7.0	6.7	5.3	5.3	5.7	8.0	8.0	7.7	6.0	8.3	6.0	6.6
ESSENTIAL (IS-TF-154)	5.7	6.0	8.0	7.0	7.3	6.0	5.0	5.7	6.0	7.0	6.7	5.7	5.7	5.7	7.7	7.7	7.0	7.0	8.7	6.0	6.6
GE-1	6.0	7.0	8.0	7.0	7.7	6.0	6.0	5.3	6.0	7.0	7.0	5.3	5.0	5.7	6.0	8.0	6.7	6.7	8.7	6.3	6.6
PEDIGREE (ATF-1199)	6.3	5.3	8.0	6.7	7.3	6.3	5.0	5.7	6.0	7.3	7.0	5.7	6.0	6.3	7.3	7.7	6.7	6.0	8.0	6.7	6.6
TURBO RZ (BURL-TF8)	5.3	5.7	8.0	6.7	7.7	6.0	5.7	5.7	6.0	6.7	7.0	4.0	6.7	6.7	6.7	8.0	7.0	6.7	8.7	6.3	6.6
MONET (LTP-610 CL)	4.7	6.3	8.0	7.3	7.3	5.7	5.0	6.0	6.0	7.7	6.3	5.3	5.7	5.7	6.7	8.0	7.0	6.3	8.7	7.3	6.6
TALLADEGA (RP 3)	5.3	5.7	7.3	7.0	7.0	6.0	5.0	6.0	6.0	7.3	7.0	5.3	6.0	6.3	8.3	7.7	7.3	6.0	8.0	6.3	6.6
GAZELLE II (PST-5HP)	6.3	6.0	8.0	7.3	7.0	6.3	4.3	6.0	6.0	7.3	7.0	5.7	5.3	5.7	7.0	8.0	6.3	6.0	9.0	6.0	6.5
06-DUST	6.0	5.7	8.0	8.0	7.0	6.0	5.3	6.7	6.0	7.0	7.0	5.7	3.3	6.7	7.3	8.0	6.3	5.7	8.3	6.7	6.5

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	GA1	IA1	IL1	IN1	KS2	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA4	WI1	MEAN
HEMI	5.7	6.0	8.0	7.0	7.3	6.0	5.3	6.3	6.0	6.7	6.7	4.7	5.7	5.7	7.3	8.3	7.7	5.7	8.3	5.7	6.5
SPEEDWAY (STR-8BPDx)	5.7	5.7	8.0	7.3	7.3	6.3	4.3	5.3	6.0	8.0	7.0	6.0	5.7	6.0	6.7	7.7	6.7	6.0	8.0	6.3	6.5
RHAMBLER SRP (RHAMBLER)	6.3	6.0	8.0	7.3	7.7	5.7	4.7	5.3	6.0	8.3	7.0	5.0	5.3	6.3	6.3	8.3	7.0	6.0	7.3	6.0	6.5
FIRECRACKER LS (MVS-MST)	6.3	4.7	7.3	7.3	7.7	5.7	5.7	5.3	6.0	7.3	6.7	4.7	5.0	5.7	6.0	8.7	7.3	7.0	8.7	6.7	6.5
MVS-341	5.7	5.7	8.0	6.3	7.3	6.3	5.3	5.3	6.0	6.7	7.0	5.0	5.0	6.7	7.7	7.7	6.7	5.7	8.7	7.0	6.5
VAN GOGH (LTP-RK2)	6.7	5.0	8.0	7.0	7.3	5.7	5.3	5.3	6.0	7.3	7.0	5.0	5.3	5.7	8.0	8.3	7.0	5.7	8.3	5.3	6.5
FALCON V (ATM)	6.7	4.7	8.0	7.3	6.7	5.3	4.3	5.0	6.0	7.3	6.3	5.3	5.3	6.0	7.7	8.7	7.0	6.7	8.3	6.0	6.4
JUSTICE	5.7	4.7	8.0	7.0	7.3	6.0	5.3	5.0	6.0	7.7	6.3	6.0	5.0	6.7	7.0	8.3	6.0	6.0	8.0	6.7	6.4
BLADERUNNER 2 (PSG-85QR)	5.3	6.0	8.0	7.0	7.3	6.0	4.7	5.7	6.0	7.0	6.3	5.7	4.7	7.0	6.7	7.7	7.7	5.3	7.7	6.7	6.4
STR-8BB5	5.3	4.7	8.0	6.7	7.3	5.7	3.7	5.7	6.0	7.0	7.0	5.7	4.7	6.0	8.3	8.3	7.7	6.3	8.0	6.0	6.4
TITANIUM LS (MVS-BB-1)	6.3	5.3	8.0	8.0	6.7	6.0	4.7	5.7	6.0	7.0	6.0	4.7	4.7	6.3	6.7	8.0	7.7	6.0	7.7	6.7	6.4
RK 5	5.7	5.7	7.3	7.3	7.3	5.7	4.3	4.7	6.0	7.7	6.7	6.0	5.7	6.0	7.3	8.7	7.0	6.0	8.3	4.3	6.4
CEZANNE RZ (LTP-CRL)	5.3	6.3	7.7	6.3	7.3	6.3	5.0	6.0	6.0	7.3	6.3	5.3	3.3	6.3	6.7	8.3	6.3	6.3	8.0	7.0	6.4
FALCON IV	6.0	5.3	7.3	7.0	7.0	5.7	4.3	5.0	6.0	7.7	7.0	4.3	5.7	6.3	6.7	8.3	6.7	6.3	7.3	7.0	6.4
TRAVERSE SRP (RK-1)	6.0	5.3	8.0	7.7	7.0	5.3	4.7	5.0	6.0	7.0	6.7	5.3	3.7	5.7	7.0	8.3	6.7	6.0	9.0	6.3	6.3
CATALYST (NA-BT-1)	5.7	6.0	8.0	8.3	6.7	5.3	3.7	5.3	6.0	8.0	6.7	4.3	4.7	5.3	8.3	8.0	7.3	5.7	8.0	5.3	6.3
PADRE	5.3	5.3	7.3	8.0	7.7	6.0	4.7	5.7	6.0	7.3	6.7	5.7	4.3	6.0	7.0	7.7	6.3	6.0	7.7	5.7	6.3
ESCALADE	5.7	5.7	8.0	8.0	6.7	6.0	4.7	5.0	6.3	7.0	6.7	4.7	3.3	6.0	7.0	8.0	6.3	6.3	8.3	6.0	6.3
EINSTEIN	5.7	5.7	7.3	7.0	6.7	6.0	4.7	4.3	6.0	5.7	7.0	6.0	5.7	6.3	6.7	8.7	6.3	5.7	8.7	5.3	6.3
PSG-82BR	5.7	5.7	8.0	8.0	6.3	5.3	4.3	5.0	6.0	6.3	6.7	5.7	5.7	6.0	6.7	8.0	6.0	5.3	7.7	7.0	6.3
LINDBERGH	6.3	5.0	8.0	7.7	7.0	5.3	5.0	4.7	6.0	6.3	6.7	4.7	5.0	6.7	6.0	8.0	7.0	5.3	8.3	6.3	6.3
STR-8GRQR	5.0	6.0	7.3	6.7	7.3	5.0	4.7	5.7	6.0	7.0	6.7	4.3	4.3	5.3	7.0	8.3	7.0	6.0	8.0	6.7	6.2
MVS-1107	6.3	6.0	8.0	7.7	7.0	6.0	3.7	5.3	6.0	6.0	6.7	4.0	3.7	6.0	7.0	8.0	6.7	5.3	8.0	6.0	6.2
FALCON NG (CE 1)	6.0	5.3	7.7	8.0	7.7	5.7	4.7	5.3	6.0	5.7	6.3	4.0	5.3	5.3	6.7	8.0	6.3	5.7	8.7	5.0	6.2
REMBRANDT	5.7	5.0	8.0	7.3	7.0	5.0	5.0	4.7	6.0	6.7	7.0	4.0	3.3	5.3	7.3	7.7	6.3	5.3	8.3	5.7	6.0
ESCALANTE (GO-1BFD)	6.0	6.0	8.0	8.0	7.3	5.0	3.0	4.7	6.0	6.3	6.3	3.3	4.0	6.0	6.7	8.0	6.0	4.7	8.3	5.7	6.0
PLATO	5.7	4.3	8.0	7.7	7.0	5.7	3.0	4.7	6.0	7.0	6.7	4.3	5.0	5.7	6.0	7.7	6.7	5.3	7.0	5.7	6.0
TITAN RX (PSG-TTST)	4.7	5.3	7.3	7.0	6.3	5.3	3.3	5.3	5.3	6.0	6.0	2.7	3.7	4.7	6.7	8.0	5.7	5.3	7.7	5.0	5.6
SILVERADO	5.7	4.0	6.3	6.3	6.3	4.3	2.0	4.3	5.0	5.0	5.7	2.7	4.0	4.0	4.3	7.3	5.7	4.3	8.0	4.0	5.0
KY-31	4.7	3.7	4.0	4.7	4.7	3.0	1.0	2.7	4.0	3.0	4.0	1.0	1.7	2.3	2.7	5.0	4.0	2.0	6.3	4.7	3.5
LSD VALUE	1.7	1.1	0.5	1.5	1.1	0.9	1.3	1.1	0.5	1.3	0.6	1.6	2.0	1.2	1.9	0.9	1.1	1.2	1.0	1.8	0.3
C.V. (%)	16.9	11.5	4.1	13.0	9.0	8.6	14.6	11.8	5.2	11.4	5.4	16.0	21.1	11.0	15.6	7.0	10.0	11.4	7.3	15.8	11.7

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

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

TABLE 14.

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
 2011 DATA

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

NAME	IA1	IL1	KS2	MS1	NE1	NJ1	NJ2	NM1	PA1	RI1	UT1	WI1	MEAN
ESCALANTE (GO-1BFD)	8.0	5.7	4.0	6.0	4.7	8.0	8.0	6.3	5.7	3.0	5.3	6.7	5.9
FALCON V (ATM)	7.0	7.0	3.0	7.0	4.3	7.7	7.0	4.0	7.7	4.0	5.0	5.7	5.8
KY-31	7.0	5.0	4.7	5.3	4.0	8.7	9.0	3.3	5.3	5.0	6.7	5.3	5.8
SHENANDOAH III (SH 3)	7.3	6.3	4.3	6.0	4.7	6.3	6.0	5.3	6.3	4.7	4.3	6.3	5.7
NINJA 3 (ATF 1247)	7.0	6.3	3.3	6.3	6.3	5.7	5.7	5.7	6.3	4.0	5.0	5.3	5.6
GREENBROOKS (TG 50-9460)	7.0	6.0	3.3	6.0	5.3	6.7	6.0	4.7	6.0	6.0	4.7	5.0	5.6
WOLFPACK II (PST-5WMB)	7.0	6.7	4.3	6.0	5.0	7.7	6.3	2.7	6.7	3.7	5.0	5.7	5.6
EINSTEIN	7.0	5.7	3.7	6.0	4.7	5.7	7.0	6.0	5.3	4.3	5.0	6.0	5.5
ARISTOTLE	8.0	5.3	4.0	6.0	4.3	5.7	6.0	5.0	5.0	5.7	5.0	6.3	5.5
FALCON NG (CE 1)	7.3	6.0	3.7	6.3	4.3	7.0	7.0	4.3	6.7	3.3	5.0	5.3	5.5
LS 1200 (SC-1)	7.0	6.3	4.0	6.3	4.0	7.7	6.3	3.7	7.0	4.3	4.7	5.0	5.5
FALCON IV	7.3	7.3	3.0	6.0	4.0	6.3	7.0	5.0	6.7	3.7	5.0	4.7	5.5
VAN GOGH (LTP-RK2)	7.0	5.3	3.7	6.0	4.7	7.3	6.7	3.7	7.0	3.7	5.0	5.3	5.4
ESCALADE	7.7	6.7	3.0	6.3	5.0	5.7	5.7	4.7	6.3	3.7	5.0	5.3	5.4
JUSTICE	7.3	7.0	2.7	6.0	5.0	6.0	6.0	4.0	6.0	4.7	4.3	6.0	5.4
CATALYST (NA-BT-1)	7.3	6.3	3.3	6.7	4.7	7.7	6.0	3.0	7.0	3.0	5.0	4.7	5.4
PEDIGREE (ATF-1199)	7.7	6.7	2.7	6.0	4.7	4.7	6.7	6.3	6.0	2.7	5.0	5.3	5.4
PLATO	7.0	7.0	4.0	6.3	5.0	5.0	6.3	3.7	5.0	4.3	5.0	5.7	5.4
O6-DUST	7.0	6.0	4.3	6.0	5.0	4.3	6.3	4.3	5.3	4.0	5.0	6.3	5.3
MAGELLAN	7.0	6.3	4.0	6.3	4.7	5.0	5.0	5.0	6.3	4.7	5.0	4.7	5.3
REMBRANDT	7.0	6.0	3.7	6.0	4.7	6.7	7.3	3.0	5.0	4.3	5.0	5.3	5.3
TRAVERSE SRP (RK-1)	7.7	6.7	3.3	6.0	4.0	7.3	6.3	3.0	7.0	4.0	4.3	4.3	5.3
VENTURE (J-140)	7.3	6.3	4.3	6.3	5.3	5.3	5.7	3.3	6.3	3.0	5.0	5.7	5.3
SPEEDWAY (STR-8BPD)	7.0	6.7	3.7	6.0	4.3	6.0	5.3	5.0	6.0	4.3	5.0	4.3	5.3
RHAMBLER SRP (RHAMBLER)	7.0	6.3	4.0	6.3	3.7	6.7	6.0	2.3	7.3	3.7	4.3	5.3	5.3
FAITH (K06-WA)	6.7	5.3	3.0	6.7	4.3	7.0	6.3	3.0	6.7	4.0	4.7	5.3	5.3
TITANIUM LS (MVS-BB-1)	6.7	6.0	3.0	6.0	5.0	6.7	6.7	3.3	6.0	2.7	5.0	6.0	5.3
FIRENZA	7.0	7.0	3.3	6.0	4.3	5.7	5.3	4.0	7.0	3.7	5.0	4.7	5.3
PSG-82BR	6.7	5.3	2.7	6.0	4.3	6.0	6.7	4.7	6.0	4.0	5.0	5.3	5.2
AST 7002	7.7	6.3	3.0	6.0	7.3	4.0	5.0	3.7	5.7	3.0	5.0	6.0	5.2
HEMI	6.7	6.3	2.7	5.7	5.0	4.3	5.7	5.7	6.7	4.7	5.0	4.3	5.2
RK 5	6.7	6.7	3.0	6.3	4.7	5.3	5.3	4.3	7.7	3.3	5.0	4.0	5.2
3RD MILLENNIUM SRP	8.0	6.7	2.7	6.0	3.7	6.0	5.7	2.3	6.3	4.3	5.0	5.7	5.2
BAR FA 6253	7.0	6.0	3.7	6.0	4.7	6.3	5.7	3.7	5.3	3.7	5.3	5.0	5.2
MVS-1107	7.0	6.3	3.3	6.0	4.3	4.7	5.7	6.0	5.3	3.7	4.7	5.3	5.2
SILVERADO	7.0	6.0	3.7	6.3	4.3	4.0	7.3	5.7	5.7	2.3	5.0	5.0	5.2
BULLSEYE	7.0	6.0	3.0	6.0	5.0	5.7	5.7	3.3	6.3	4.3	5.0	4.7	5.2
J-130	7.0	6.7	4.0	6.0	4.7	4.7	5.0	4.7	5.0	3.3	5.0	6.0	5.2
TURBO	7.0	6.0	3.3	6.0	4.7	5.3	6.3	4.0	5.3	5.0	4.3	4.7	5.2
CEZANNE RZ (LTP-CRL)	7.0	6.3	3.0	6.3	5.7	6.0	5.7	6.0	5.0	2.7	4.0	4.3	5.2
FINELAWN XPRESS (RP 2)	7.0	6.0	3.7	6.0	4.0	5.0	6.7	3.3	6.3	3.3	5.0	5.3	5.1

TABLE 14. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
 2011 DATA

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

NAME	IA1	IL1	KS2	MS1	NE1	NJ1	NJ2	NM1	PA1	RI1	UT1	WI1	MEAN
SR 8650 (STR-8LMM)	7.0	5.3	3.3	5.7	4.7	5.3	5.3	6.7	5.3	3.3	4.3	5.3	5.1
BRAVEHEART (DP 50-9407)	7.0	6.0	4.3	6.3	4.7	5.0	5.0	4.7	6.7	3.3	4.7	4.0	5.1
LS 1010 (ATF 1328)	6.3	6.7	3.0	6.0	4.7	3.7	4.7	6.7	5.0	5.3	5.0	4.7	5.1
TITAN RX (PSG-TTST)	7.0	6.0	4.0	6.0	4.7	5.3	7.3	2.7	5.3	3.7	5.0	4.7	5.1
PADRE	7.0	6.7	2.7	6.0	4.3	6.0	5.7	3.3	5.7	4.7	5.0	4.3	5.1
STR-8GRQR	7.0	6.0	3.0	6.0	4.7	4.3	6.0	5.0	6.7	2.3	5.0	5.3	5.1
ESSENTIAL (IS-TF-154)	7.0	5.0	4.0	6.0	4.3	5.3	5.7	4.0	7.0	2.3	5.0	5.7	5.1
MUSTANG 4 (M4)	7.3	6.0	3.0	6.0	4.7	5.7	5.7	3.7	6.3	3.3	4.7	5.0	5.1
COCHISE IV (RKCL)	7.0	6.3	3.3	6.3	5.3	6.7	5.7	2.0	6.0	3.0	5.0	4.3	5.1
FIRECRACKER LS (MVS-MST)	7.0	5.7	4.0	6.0	5.0	4.7	6.0	3.7	7.3	2.7	5.0	4.0	5.1
STR-8BB5	7.0	5.0	3.0	6.0	5.7	4.3	6.3	5.0	5.0	3.7	5.0	5.0	5.1
UMBRELLA (DP 50-9411)	7.0	6.0	4.0	6.0	4.3	5.7	4.7	5.0	6.0	2.7	5.0	4.7	5.1
MONET (LTP-610 CL)	6.7	5.7	3.0	6.0	4.7	5.7	6.3	5.3	5.3	3.0	5.0	3.7	5.0
BLADERUNNER 2 (PSG-85QR)	7.0	6.3	3.0	6.0	5.0	5.3	6.3	1.7	6.7	3.0	5.0	5.0	5.0
REBEL IV	7.3	5.7	4.0	6.0	4.0	5.7	6.3	3.0	5.3	3.7	5.0	4.3	5.0
MVS-341	6.7	6.3	4.0	5.7	4.3	5.3	6.0	3.0	5.0	4.3	4.0	5.3	5.0
REUNION (LS-03)	7.0	7.0	3.7	5.3	5.7	4.7	4.0	3.3	5.7	3.3	5.0	5.3	5.0
FAT CAT (IS-TF-161)	7.0	6.0	3.3	6.3	6.3	2.3	5.0	4.7	5.3	3.3	5.0	5.0	5.0
HUDSON (DKS)	7.0	6.3	3.3	5.7	4.7	3.0	4.0	5.7	5.0	3.7	5.0	6.3	5.0
RK 4	7.0	6.0	3.0	6.0	4.0	5.3	5.7	3.7	6.0	3.3	5.0	4.7	5.0
XTREMEGREEN (BGR-TF2)	7.3	6.7	4.0	6.0	4.7	2.7	5.3	4.7	5.3	3.0	4.7	5.3	5.0
JAMBOREE (IS-TF-128)	7.0	6.7	2.7	6.0	4.7	4.7	6.0	2.3	7.0	3.7	4.0	4.7	4.9
LINDBERGH	7.0	5.3	3.3	6.0	4.7	3.3	7.0	4.7	5.3	3.3	5.0	4.3	4.9
RENOVATE (LS-11)	7.0	6.7	3.0	6.0	5.7	2.7	5.0	5.0	5.7	2.7	5.0	5.0	4.9
CORONA (COL-M)	7.0	6.0	3.3	6.0	5.7	3.0	3.3	4.0	4.7	4.0	5.0	7.0	4.9
TURBO RZ (BURL-TF8)	7.0	6.3	3.0	6.0	4.7	5.3	5.3	3.7	6.0	3.7	3.3	4.7	4.9
CROSSFIRE 3 (COL-J)	6.0	5.3	2.7	6.0	4.7	3.3	4.0	4.7	6.0	4.0	5.7	6.7	4.9
GARRISON (IS-TF-153)	7.0	5.3	2.7	6.0	4.7	5.3	5.7	4.0	6.0	2.7	5.0	4.7	4.9
SHENANDOAH ELITE (RK 6)	7.0	6.3	3.7	6.0	4.7	4.3	5.7	1.7	6.7	3.0	5.0	5.0	4.9
TAHOE II	7.0	6.7	4.0	5.3	5.7	2.7	5.0	4.0	5.7	2.7	5.7	4.7	4.9
OG-WALK	7.0	5.3	2.7	6.0	4.7	4.7	4.3	4.7	5.3	3.3	5.3	5.3	4.9
COMPETE (LS-06)	7.0	6.7	3.7	5.7	4.3	3.3	4.7	4.3	5.7	2.3	5.0	6.0	4.9
GOLD MEDALLION (KZ-1)	7.3	6.0	3.7	6.0	4.7	4.0	4.0	4.3	5.7	3.0	5.0	5.0	4.9
PATAGONIA (GWTF)	7.3	6.0	3.0	5.7	5.0	3.7	4.3	4.0	5.3	3.3	5.0	6.0	4.9
STETSON II (NA-SS)	7.0	6.3	3.7	6.0	4.7	4.0	4.3	3.7	5.7	4.0	5.0	4.3	4.9
AST9003 (AST-1)	7.7	6.0	3.7	6.0	4.7	2.7	5.0	2.7	5.3	4.0	4.7	6.0	4.9
TULSA TIME (TULSA III)	7.0	6.0	3.0	6.0	4.7	4.0	5.0	3.3	5.3	3.3	5.0	5.7	4.9
HONKY TONK (RAD-TF17)	6.3	6.7	3.3	5.7	4.3	5.7	5.0	2.7	5.7	2.3	5.0	5.7	4.9
CANNAVARO (DP 50-9440)	7.0	5.0	2.7	6.0	5.3	3.3	6.3	2.0	7.0	4.7	5.0	3.7	4.8
GE-1	6.7	5.7	2.7	6.3	5.3	4.7	4.3	5.3	5.0	3.0	4.0	5.0	4.8
BILTMORE	7.0	5.0	3.3	6.0	4.0	4.3	4.3	4.3	5.0	4.0	5.0	5.3	4.8
SKYLINE	7.0	6.0	2.7	6.0	5.3	2.0	5.7	5.0	5.7	3.7	5.0	3.7	4.8

TABLE 14. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/
 2011 DATA

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

NAME	IA1	IL1	KS2	MS1	NE1	NJ1	NJ2	NM1	PA1	RI1	UT1	WI1	MEAN
AST9001 (AST-3)	7.0	6.7	3.3	5.7	5.0	3.3	3.7	3.7	5.3	3.7	5.3	4.7	4.8
ROCKET (IS-TF-147)	7.0	7.0	3.0	5.7	4.0	4.3	4.3	4.0	6.7	2.7	5.0	3.7	4.8
GAZELLE II (PST-5HP)	7.0	6.3	4.3	6.0	5.0	4.7	4.0	1.7	5.7	2.7	5.0	4.7	4.8
AST7003	7.3	6.0	3.7	6.0	4.7	3.0	4.0	4.0	5.3	3.3	5.0	4.3	4.7
TITAN ULTRA (PSG-TTRH)	7.3	6.3	3.7	5.7	4.7	2.7	4.3	3.3	4.7	3.0	5.0	6.0	4.7
RENDITION RX (PSG-RNDR)	7.0	6.0	2.3	5.0	5.0	4.3	5.0	4.3	4.0	3.3	4.7	5.3	4.7
HUNTER	6.0	6.0	4.0	5.7	4.7	3.3	3.3	4.0	5.0	3.0	5.3	6.0	4.7
TALLADEGA (RP 3)	7.0	5.3	3.0	6.0	5.3	3.7	5.3	2.0	5.7	3.3	4.3	5.3	4.7
BAR FA 6363	7.0	6.3	3.0	6.0	4.3	3.0	5.3	4.0	4.7	3.3	5.0	4.0	4.7
DARLINGTON (CS-TF1)	6.7	6.7	3.7	5.7	5.0	3.3	4.3	4.0	4.3	3.0	5.0	4.0	4.6
JT-36	6.3	6.0	3.0	5.7	4.0	3.0	4.7	4.0	6.0	3.3	5.3	4.3	4.6
JT-45	7.0	6.0	3.3	5.7	4.7	3.0	4.7	3.0	5.7	3.0	5.0	4.7	4.6
RNP	7.0	7.0	2.7	5.7	4.7	3.3	4.7	2.0	5.7	2.3	5.0	5.3	4.6
SPYDER LS (Z-2000)	6.3	5.0	2.7	6.0	5.0	4.7	5.0	2.0	6.0	4.3	4.0	4.3	4.6
SUNSET GOLD (KZ-2)	7.0	6.0	3.0	5.7	5.7	2.3	3.0	4.3	5.0	3.3	5.0	4.7	4.6
0312	7.0	6.3	3.7	6.0	4.3	3.3	4.7	3.7	4.7	2.7	4.3	4.0	4.6
AST9002 (AST-2)	7.0	5.7	3.7	6.0	5.0	3.0	3.3	3.0	5.3	2.7	5.0	4.7	4.5
INTEGRITY (BGR-TF1)	7.0	5.0	2.3	5.7	5.0	3.7	3.7	3.7	5.0	2.7	5.3	5.3	4.5
TANZANIA (IS-TF-159)	7.0	5.3	3.3	5.7	5.0	3.3	5.0	3.3	5.0	3.3	4.0	3.7	4.5
AST 7001	7.0	6.3	3.7	6.0	5.3	2.3	4.7	2.7	4.7	2.0	5.3	3.7	4.5
KY-41 (JT-41)	6.7	6.0	3.3	5.7	4.7	2.0	4.0	4.0	5.3	2.7	5.0	4.0	4.4
TRIO (IS-TF-152)	6.0	5.7	2.7	5.7	4.3	1.7	4.7	4.7	5.7	3.3	5.0	4.0	4.4
COL-1	7.0	6.0	4.0	5.7	4.0	3.3	4.0	1.7	5.3	3.7	4.0	4.7	4.4
JT-42	7.3	6.0	2.7	6.0	4.3	2.3	4.7	3.7	4.7	3.0	5.0	3.3	4.4
AST1001 (AST-4)	7.0	7.3	3.0	5.0	4.0	1.7	3.7	4.0	4.7	3.3	5.0	4.0	4.4
JT-33	7.3	5.7	3.7	5.7	5.0	2.3	4.3	2.3	5.0	2.0	5.0	4.0	4.4
TOCCOA (IS-TF-151)	6.3	5.7	3.3	5.7	4.3	1.7	4.0	4.0	6.0	2.7	4.3	4.3	4.4
RAPTOR II (MVS-TF-158)	7.0	6.7	3.3	6.0	4.3	2.3	4.7	2.7	5.0	2.0	5.0	3.0	4.3
TERRIER (IS-TF-135)	7.0	7.3	2.7	5.3	4.3	2.0	4.3	3.3	4.0	2.3	5.0	3.7	4.3
SIDEWINDER (IS-TF-138)	7.0	5.3	3.0	5.7	4.7	1.3	3.0	1.7	5.0	3.3	3.7	4.3	4.0
LSD VALUE	0.5	1.7	1.6	0.6	1.4	1.9	1.3	3.5	1.7	1.7	1.0	2.4	0.5
C.V. (%)	4.8	17.1	29.7	6.1	17.8	25.4	15.0	56.5	18.6	29.9	12.8	30.1	22.1

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 15.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	IA1	IL1	IN1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	VA1	MEAN
CANNAVARO (DP 50-9440)	5.3	6.7	5.3	7.0	7.0	6.3	8.0	8.0	7.3	9.0	7.0	8.7	6.7	5.7	7.0	7.0
RK 5	5.7	7.0	5.7	6.7	7.0	6.0	7.0	8.0	7.0	9.0	8.0	7.3	7.0	5.0	7.3	6.9
CATALYST (NA-BT-1)	5.3	7.0	5.3	7.3	6.7	6.7	7.0	8.3	7.3	8.3	6.7	8.0	6.7	5.7	7.0	6.9
LS 1200 (SC-1)	5.3	7.0	5.3	7.0	7.3	7.0	6.7	8.3	7.0	8.0	6.3	7.0	7.0	6.7	6.7	6.8
FALCON V (ATM)	5.3	6.3	4.7	7.3	7.0	7.0	7.0	8.7	7.0	8.0	6.3	8.3	6.7	5.7	6.7	6.8
FAITH (K06-WA)	5.0	7.0	5.3	6.7	7.0	6.3	6.7	8.7	7.0	8.3	6.7	8.0	5.7	6.0	6.7	6.7
MONET (LTP-610 CL)	5.7	6.3	5.7	7.0	7.0	6.0	7.0	7.3	7.0	8.3	6.3	8.0	6.3	5.7	7.0	6.7
BULLSEYE	5.3	6.7	5.3	7.3	7.0	5.7	6.7	7.7	7.0	8.7	6.7	7.3	6.3	5.0	8.0	6.7
FIRECRACKER LS (MVS-MST)	5.3	7.0	5.0	7.0	7.3	6.3	6.7	7.7	7.3	8.3	6.7	8.3	6.3	5.3	5.3	6.7
TURBO	5.0	6.3	5.3	7.3	7.0	5.7	7.0	8.0	6.7	8.3	6.7	7.0	6.3	5.7	7.3	6.6
SHENANDOAH III (SH 3)	4.7	6.7	5.3	7.0	7.0	6.3	6.3	8.0	7.0	8.3	5.3	7.7	6.7	5.3	7.0	6.6
ESSENTIAL (IS-TF-154)	5.0	6.7	5.3	7.7	7.3	6.7	6.3	6.7	7.0	8.0	5.3	8.3	6.3	5.7	6.3	6.6
RHAMBLER SRP (RHAMBLER)	4.7	6.3	5.3	7.0	6.0	5.7	6.3	8.7	6.7	8.7	6.3	7.7	6.7	5.0	6.7	6.5
COCHISE IV (RKCL)	6.0	6.7	5.3	6.7	7.3	6.0	6.3	7.0	6.7	7.7	6.0	8.0	6.3	5.0	6.3	6.5
HEMI	5.7	6.7	5.3	7.0	6.7	6.0	6.7	6.3	6.7	7.3	6.7	7.7	6.3	5.3	7.0	6.5
RK 4	5.0	6.3	5.3	7.3	7.7	5.7	6.3	7.0	7.0	8.0	6.0	6.7	6.7	5.7	6.3	6.5
VENTURE (J-140)	4.3	6.0	5.0	7.0	6.7	6.3	6.7	7.7	7.0	8.0	6.0	8.0	6.0	5.7	6.7	6.5
MUSTANG 4 (M4)	5.7	6.7	4.7	6.7	7.0	6.0	6.7	7.7	7.0	7.7	5.0	7.3	6.7	5.3	6.7	6.4
SHENANDOAH ELITE (RK 6)	5.3	6.3	5.0	6.3	6.7	6.3	6.3	7.7	7.0	7.7	5.3	7.3	6.3	5.7	7.3	6.4
WOLFPACK II (PST-5WMB)	4.3	6.7	5.3	6.7	6.3	6.3	6.3	8.0	7.0	9.0	5.3	7.0	6.3	5.0	7.0	6.4
JAMBOREE (IS-TF-128)	4.3	6.7	5.7	7.0	7.0	6.3	6.3	7.7	6.3	8.0	5.3	7.7	5.7	5.3	7.0	6.4
VAN GOGH (LTP-RK2)	5.0	6.0	5.7	7.0	7.3	5.7	6.3	7.7	7.0	8.0	6.0	7.7	6.3	5.0	5.7	6.4
FIRENZA	5.0	6.3	5.7	6.3	7.0	6.0	6.7	7.3	6.0	7.3	6.3	7.7	6.0	5.3	7.0	6.4
TRAVERSE SRP (RK-1)	5.0	6.0	5.3	7.0	6.3	6.7	6.0	8.3	6.7	8.0	5.7	7.3	6.0	5.0	6.7	6.4
SPEEDWAY (STR-8BPD)	5.0	6.0	5.7	7.3	6.3	4.7	6.0	8.3	7.0	8.3	6.7	6.7	6.7	5.0	6.0	6.4
TANZANIA (IS-TF-159)	3.7	7.0	5.3	7.3	6.0	6.3	6.0	7.0	7.0	9.0	6.0	7.0	6.7	5.7	5.7	6.4
FINELAWN XPRESS (RP 2)	5.7	6.0	5.3	7.0	6.0	6.0	6.7	8.0	7.0	6.7	5.0	7.0	6.0	6.0	7.0	6.4
SIDEWINDER (IS-TF-138)	4.7	6.0	5.7	7.7	6.3	6.0	6.3	7.3	7.0	8.3	4.7	6.7	6.3	5.7	6.3	6.3
GREENBROOKS (TG 50-9460)	4.7	6.3	6.0	6.7	6.7	5.7	6.3	8.0	6.7	7.0	4.7	7.7	5.7	5.7	7.0	6.3
GAZELLE II (PST-5HP)	5.0	6.0	5.7	7.0	6.0	6.0	6.3	7.3	6.7	7.7	5.7	6.7	6.3	5.3	6.7	6.3
GARRISON (IS-TF-153)	5.0	6.3	5.0	6.3	6.3	6.0	6.3	7.0	7.0	8.0	6.0	6.3	6.3	5.3	6.7	6.3
RAPTOR II (MVS-TF-158)	5.0	6.3	4.3	7.3	6.3	5.7	6.3	6.3	7.0	8.0	7.0	6.7	6.3	5.3	6.0	6.3
TRIO (IS-TF-152)	4.7	6.3	5.7	6.7	6.7	5.7	7.0	7.0	7.0	6.7	5.3	6.3	6.7	5.3	6.7	6.2
3RD MILLENNIUM SRP	5.7	6.0	5.0	6.3	6.3	6.0	6.0	7.3	6.7	7.0	4.7	6.3	6.7	6.3	7.0	6.2
FALCON NG (CE 1)	4.7	6.0	6.0	7.3	6.7	5.7	6.0	7.7	6.0	6.7	6.0	7.0	6.0	6.0	5.7	6.2
STR-8BB5	4.0	6.3	5.3	6.3	6.0	5.7	6.3	8.0	6.7	7.3	5.7	7.0	6.3	5.0	7.3	6.2
SPYDER LS (Z-2000)	4.7	7.0	5.0	7.0	6.0	6.0	6.3	6.7	7.0	6.3	5.0	6.7	7.0	5.3	7.0	6.2
PSG-82BR	5.0	6.0	5.7	6.7	6.0	5.7	6.7	6.7	7.0	6.7	5.7	7.3	6.3	5.0	6.7	6.2
ROCKET (IS-TF-147)	5.3	6.7	5.7	6.7	6.0	5.7	6.0	7.3	7.0	7.7	5.0	6.7	5.3	5.0	6.7	6.2
FAT CAT (IS-TF-161)	4.3	6.3	6.0	7.0	6.3	6.0	6.7	7.0	7.0	5.7	6.0	6.0	6.0	5.3	6.0	6.1
TALLADEGA (RP 3)	5.3	6.0	5.3	7.0	6.3	5.7	6.0	7.0	7.0	6.7	5.0	6.3	5.7	5.0	7.3	6.1

TABLE 15. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	IA1	IL1	IN1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	VA1	MEAN
TERRIER (IS-TF-135)	5.3	6.3	5.0	7.0	5.7	6.3	6.7	6.3	6.7	5.7	6.0	6.3	6.0	5.0	7.3	6.1
TITANIUM LS (MVS-BB-1)	4.3	7.0	5.7	6.3	6.3	6.0	6.3	7.0	7.0	7.3	5.0	6.7	6.3	5.0	5.0	6.1
BLADERUNNER 2 (PSG-85QR)	4.7	6.0	5.0	6.7	5.7	5.7	6.0	7.3	6.7	7.0	6.0	7.0	6.0	5.3	6.3	6.1
JT-36	4.7	6.0	5.7	7.0	6.0	5.3	6.3	6.3	6.7	5.7	6.3	7.0	6.0	6.0	6.3	6.1
ESCALADE	5.0	6.0	5.0	6.3	6.3	5.7	6.0	6.7	6.7	6.7	5.7	6.7	6.0	5.0	7.3	6.1
CEZANNE RZ (LTP-CRL)	5.0	5.7	5.7	6.3	6.3	5.3	6.0	7.0	6.7	7.0	5.3	6.7	6.3	5.0	6.3	6.0
TOCCOA (IS-TF-151)	5.0	6.0	6.0	7.0	7.0	6.0	6.3	6.7	6.7	6.7	4.7	6.0	6.0	5.3	5.3	6.0
INTEGRITY (BGR-TF1)	5.0	6.3	5.0	6.7	6.0	6.0	6.0	6.7	7.0	5.3	6.0	5.7	5.7	5.3	7.7	6.0
BAR FA 6253	5.0	6.0	5.0	6.3	6.3	5.3	6.0	7.7	7.0	5.7	4.7	7.0	6.3	5.0	7.0	6.0
BRAVEHEART (DP 50-9407)	3.3	6.3	5.3	6.3	6.0	5.7	6.0	7.7	7.0	6.7	5.3	6.7	6.3	5.0	6.7	6.0
CORONA (COL-M)	4.0	6.3	5.7	7.3	6.7	5.7	6.3	7.0	6.7	5.7	5.0	6.0	6.0	5.3	6.7	6.0
GOLD MEDALLION (KZ-1)	4.7	6.0	5.0	6.3	6.7	6.3	6.3	6.7	7.0	5.7	5.3	6.0	6.0	5.3	6.7	6.0
KY-41 (JT-41)	5.3	6.7	5.0	6.0	6.3	5.7	6.3	7.3	6.7	6.0	5.3	6.0	6.0	5.3	6.0	6.0
TULSA TIME (TULSA III)	4.3	6.0	5.0	6.7	6.0	6.3	6.7	6.0	6.3	7.3	6.3	6.0	6.0	5.0	5.7	6.0
JT-45	4.3	6.0	5.7	7.0	6.0	5.7	6.0	6.3	6.7	6.7	5.3	6.0	6.3	5.3	6.3	6.0
J-130	4.0	6.0	6.0	6.7	6.3	5.3	6.3	7.0	6.7	5.3	5.3	6.0	6.7	5.0	6.7	6.0
AST9003 (AST-1)	4.7	6.0	5.7	7.7	5.7	5.7	6.0	6.3	6.7	5.3	4.3	6.0	6.7	5.3	7.0	5.9
RNP	4.7	6.0	5.0	6.7	7.3	6.0	5.7	6.3	6.7	5.3	5.0	5.7	6.0	6.3	6.0	5.9
UMBRELLA (DP 50-9411)	4.7	6.3	5.3	6.0	6.3	5.7	6.0	6.7	7.0	6.3	5.0	6.0	6.0	5.0	6.3	5.9
COMPETE (LS-06)	4.7	6.3	5.3	6.7	6.0	6.0	6.3	6.3	7.0	5.3	4.3	6.3	6.0	5.0	6.7	5.9
JUSTICE	4.3	6.0	4.7	6.3	6.0	6.0	6.0	7.0	6.7	5.7	5.7	6.3	6.0	5.0	6.7	5.9
LS 1010 (ATF 1328)	4.3	5.7	5.0	7.0	5.7	6.0	6.3	6.3	6.7	6.7	5.7	5.3	6.3	4.3	7.0	5.9
REUNION (LS-03)	3.7	6.0	5.0	6.7	6.7	6.0	6.0	6.3	7.0	6.7	4.7	6.0	6.0	5.3	6.3	5.9
REBEL IV	4.0	5.7	5.7	6.7	5.7	6.0	6.0	7.3	7.0	5.3	5.3	6.0	6.0	4.7	6.7	5.9
AST9002 (AST-2)	4.3	6.0	5.3	6.3	6.7	6.0	6.0	6.7	6.3	4.7	4.7	6.3	6.0	6.0	6.7	5.9
STR-8GRQR	3.7	6.3	5.3	6.0	6.3	6.0	6.3	7.0	6.7	5.3	5.3	6.7	6.0	5.7	5.3	5.9
TITAN ULTRA (PSG-TTRH)	5.0	5.7	5.3	7.0	5.7	6.3	6.3	6.3	7.0	4.3	6.0	5.3	5.7	5.7	6.0	5.8
HUDSON (DKS)	4.7	6.3	5.3	7.0	6.3	5.7	6.0	6.3	6.3	4.7	5.3	6.0	5.3	5.3	7.0	5.8
JT-33	4.3	6.0	5.3	6.7	6.0	5.7	6.0	6.3	7.3	5.3	4.7	6.3	6.3	5.0	6.3	5.8
MVS-1107	4.3	6.3	5.0	6.3	6.3	5.3	6.0	6.3	6.3	6.7	5.0	6.7	6.3	5.3	5.3	5.8
JT-42	4.7	6.0	5.3	7.0	5.7	5.7	6.0	6.3	7.0	5.3	4.7	6.0	6.7	5.0	6.0	5.8
AST 7002	4.3	6.0	5.7	6.7	6.0	5.7	6.3	5.7	6.3	5.0	5.7	6.0	6.3	5.3	6.3	5.8
CROSSFIRE 3 (COL-J)	4.0	5.3	5.3	7.0	6.3	5.7	6.3	6.7	6.7	5.3	5.3	6.0	6.3	5.3	5.7	5.8
PATAGONIA (GWTF)	4.7	6.0	5.0	7.0	6.0	6.0	6.0	7.0	7.0	5.0	5.3	5.3	6.0	5.3	5.7	5.8
PEDIGREE (ATF-1199)	4.0	6.3	5.7	6.7	6.3	5.3	6.0	7.0	6.3	5.7	4.7	6.0	6.0	5.3	6.0	5.8
RENOVATE (LS-11)	5.3	6.0	4.3	6.7	6.0	5.7	6.3	6.7	6.7	5.7	5.3	5.0	6.0	5.7	5.7	5.8
GE-1	4.3	6.0	5.7	6.3	5.7	5.7	6.0	6.3	6.7	6.7	5.3	5.3	6.0	5.0	6.0	5.8
AST9001 (AST-3)	4.7	5.7	5.7	6.0	6.3	5.3	6.0	6.0	6.7	5.7	5.3	5.7	6.0	6.0	5.7	5.8
NINJA 3 (ATF 1247)	4.3	6.0	5.3	6.0	5.7	5.3	6.3	6.0	6.0	6.3	5.3	6.0	6.0	5.0	6.7	5.8
COL-1	4.3	6.0	5.3	6.7	6.0	5.7	6.0	6.0	6.3	6.3	4.7	5.7	6.0	5.3	6.0	5.8
XTREMEGREEN (BGR-TF2)	4.0	6.0	5.3	6.7	6.0	6.0	6.3	6.3	6.7	4.7	5.7	5.7	5.7	6.0	5.3	5.8
AST1001 (AST-4)	4.3	6.0	5.0	7.7	6.7	5.7	6.3	5.0	6.7	4.3	4.7	6.0	6.0	5.7	6.0	5.7

TABLE 15. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	IA1	IL1	IN1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	TX1	UT1	VA1	MEAN
SR 8650 (STR-8LMM)	3.7	5.7	5.7	6.0	4.7	5.7	6.0	7.0	6.7	6.3	5.0	6.3	5.7	5.0	6.7	5.7
FALCON IV	3.7	6.3	5.0	6.3	5.7	5.7	6.0	7.0	6.7	6.0	5.0	6.0	6.0	5.0	5.7	5.7
06-DUST	4.3	5.7	5.7	6.0	5.7	5.7	6.0	6.3	6.3	5.3	4.7	6.7	5.7	4.7	7.0	5.7
DARLINGTON (CS-TF1)	5.0	5.7	5.3	6.3	5.7	5.7	6.0	6.0	7.0	4.7	4.7	6.0	6.0	5.7	6.0	5.7
SUNSET GOLD (KZ-2)	4.3	5.7	5.7	6.3	6.0	6.0	6.0	6.3	6.3	5.3	4.7	5.7	5.7	5.3	6.3	5.7
ESCALANTE (GO-1BFD)	4.3	6.0	5.7	6.0	4.7	5.7	6.0	6.3	6.7	4.7	6.0	5.7	5.3	5.0	7.3	5.7
MVS-341	4.0	5.7	5.7	6.3	5.3	5.7	6.0	6.3	6.3	5.0	4.3	6.0	6.0	5.0	6.7	5.6
AST7003	4.0	5.3	5.3	7.0	5.7	5.7	6.3	6.7	6.7	5.0	4.3	5.3	5.7	5.3	6.0	5.6
AST 7001	4.3	6.0	5.3	6.7	5.7	5.3	6.0	7.0	6.3	3.7	5.0	5.7	6.0	5.7	5.3	5.6
HONKY TONK (RAD-TF17)	3.0	6.0	5.0	6.7	6.0	5.3	6.0	5.7	6.7	5.3	5.3	5.3	6.0	5.0	6.7	5.6
TURBO RZ (BURL-TF8)	3.7	5.7	5.7	6.3	6.3	5.7	5.7	6.0	6.7	5.0	4.7	6.0	6.0	4.3	6.3	5.6
SKYLINE	4.0	6.0	5.0	6.3	5.3	5.7	6.0	6.0	6.0	5.7	5.0	5.7	5.7	5.0	6.3	5.6
STETSON II (NA-SS)	4.0	6.0	5.7	6.3	5.7	5.3	6.0	6.3	6.7	4.3	5.3	4.7	6.0	5.0	6.0	5.6
0312	4.7	6.3	5.0	6.7	5.7	6.0	6.0	5.3	7.0	3.7	4.7	7.0	5.7	4.3	5.3	5.6
MAGELLAN	3.3	5.7	5.7	6.3	5.7	5.7	6.0	6.7	6.0	4.7	4.3	5.3	5.7	4.7	7.0	5.5
HUNTER	3.7	6.0	5.7	6.7	6.0	5.3	6.0	6.0	6.3	4.3	3.7	5.7	6.0	5.3	5.7	5.5
REMBRANDT	3.7	5.7	5.3	5.7	5.3	5.3	6.0	6.7	6.0	5.0	4.7	5.7	5.7	4.3	7.3	5.5
TAHOE II	3.7	6.0	5.3	6.3	5.0	5.7	6.0	6.0	6.3	5.3	4.3	5.7	6.0	4.7	5.7	5.5
LINDBERGH	4.7	5.3	5.3	6.3	5.3	5.3	6.0	6.3	6.3	5.0	4.3	5.3	5.7	4.7	5.7	5.4
PADRE	3.7	6.3	5.7	6.0	6.0	5.3	6.0	6.0	6.3	4.7	4.7	5.7	5.7	4.7	4.3	5.4
RENDITION RX (PSG-RNDR)	4.7	5.7	5.7	6.3	4.7	5.3	6.0	5.7	6.0	3.3	4.3	5.7	5.7	5.0	7.0	5.4
BILTMORE	3.3	6.3	5.7	6.3	4.7	5.3	6.0	5.7	6.0	4.3	4.7	5.3	6.0	4.7	6.3	5.4
BAR FA 6363	4.3	5.7	5.3	6.0	6.0	6.0	6.0	5.3	6.3	4.0	5.0	4.0	5.7	4.3	6.3	5.4
TITAN RX (PSG-TTST)	3.3	6.0	5.0	5.7	5.0	5.3	6.0	7.0	6.0	4.7	4.3	4.3	6.3	4.7	5.7	5.3
EINSTEIN	3.0	5.7	5.0	6.3	5.7	5.7	5.7	5.7	6.0	4.3	4.3	5.3	6.0	5.0	5.3	5.3
PLATO	3.7	5.0	5.0	6.3	5.0	5.3	6.0	5.7	6.7	4.3	3.7	5.3	5.7	5.0	6.3	5.3
06-WALK	3.7	6.3	5.0	5.7	4.7	6.0	6.0	5.0	6.7	3.3	3.3	5.7	5.7	4.3	6.3	5.2
ARISTOTLE	4.0	5.3	5.0	5.7	4.3	5.3	5.7	5.0	6.0	3.0	3.7	4.3	6.0	4.3	4.7	4.8
SILVERADO	3.7	5.7	5.7	5.7	4.0	5.7	5.3	5.0	6.0	2.7	4.0	4.0	6.0	3.7	4.3	4.8
KY-31	3.3	4.3	1.3	3.3	1.0	3.3	4.0	3.0	4.3	1.0	2.7	1.0	4.7	2.7	5.7	3.0
LSD VALUE	1.3	0.7	1.1	1.1	1.2	1.0	0.6	1.4	0.7	1.6	2.3	1.1	1.0	0.8	1.9	0.3
C.V. (%)	17.8	7.3	12.8	10.0	11.9	10.3	6.3	13.0	6.7	15.7	26.7	10.4	10.5	10.1	18.2	13.1

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

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

TABLE 16.

 SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
 2011 DATA

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

NAME	GA1	NE1	TX1	MEAN	NAME	GA1	NE1	TX1	MEAN
TRIO (IS-TF-152)	8.0	6.7	8.7	7.8	REMBRANDT	6.0	6.7	8.7	7.1
JT-42	8.3	7.0	7.7	7.7	RENDITION RX (PSG-RNDR)	6.7	6.7	8.0	7.1
SIDEWINDER (IS-TF-138)	7.7	7.0	8.3	7.7	STR-8GRQR	6.3	6.7	8.3	7.1
TANZANIA (IS-TF-159)	7.7	7.0	8.3	7.7	TALLADEGA (RP 3)	5.7	6.7	9.0	7.1
LS 1010 (ATF 1328)	6.7	7.7	8.3	7.6	TITAN RX (PSG-TTST)	6.7	7.0	7.7	7.1
CEZANNE RZ (LTP-CRL)	7.3	7.0	8.3	7.6	TITANIUM LS (MVS-BB-1)	6.0	7.0	8.3	7.1
GE-1	8.0	6.3	8.3	7.6	VENTURE (J-140)	6.0	6.7	8.7	7.1
MVS-1107	7.7	7.3	7.3	7.4	AST1001 (AST-4)	7.0	7.0	7.3	7.1
NINJA 3 (ATF 1247)	7.3	7.3	7.7	7.4	DARLINGTON (CS-TF1)	6.3	7.3	7.7	7.1
STETSON II (NA-SS)	7.3	7.3	7.7	7.4	FIRENZA	7.3	6.0	8.0	7.1
WOLFPACK II (PST-5WMB)	7.3	6.3	8.7	7.4	RAPTOR II (MVS-TF-158)	7.3	6.7	7.3	7.1
AST 7001	6.7	7.3	8.0	7.3	UMBRELLA (DP 50-9411)	5.0	7.3	9.0	7.1
AST9002 (AST-2)	7.0	7.3	7.7	7.3	O6-WALK	6.7	6.7	7.7	7.0
BLADERUNNER 2 (PSG-85QR)	6.7	6.7	8.7	7.3	3RD MILLENNIUM SRP	5.7	6.7	8.7	7.0
BULLSEYE	6.7	7.0	8.3	7.3	AST9003 (AST-1)	6.0	7.0	8.0	7.0
CORONA (COL-M)	7.3	7.0	7.7	7.3	BAR FA 6363	6.0	7.3	7.7	7.0
HEMI	6.3	7.0	8.7	7.3	EINSTEIN	6.3	6.7	8.0	7.0
INTEGRITY (BGR-TF1)	7.0	7.7	7.3	7.3	GARRISON (IS-TF-153)	6.3	6.0	8.7	7.0
KY-41 (JT-41)	6.3	7.7	8.0	7.3	RK 5	6.0	6.3	8.7	7.0
PATAGONIA (GWTF)	6.7	7.3	8.0	7.3	SUNSET GOLD (KZ-2)	6.7	7.0	7.3	7.0
REBEL IV	7.0	6.7	8.3	7.3	BAR FA 6253	5.5	7.7	7.7	6.9
RENOVATE (LS-11)	6.7	7.3	8.0	7.3	FALCON IV	7.3	5.7	7.7	6.9
SPYDER LS (Z-2000)	6.3	7.0	8.7	7.3	FALCON NG (CE 1)	7.3	5.7	7.7	6.9
TOCCOA (IS-TF-151)	7.0	7.0	8.0	7.3	FINELAWN XPRESS (RP 2)	6.0	6.7	8.0	6.9
TULSA TIME (TULSA III)	7.0	6.7	8.3	7.3	GAZELLE II (PST-5HP)	7.0	5.7	8.0	6.9
GREENBROOKS (TG 50-9460)	6.5	6.7	8.7	7.3	SPEEDWAY (STR-8BPDx)	6.0	6.7	8.0	6.9
BILTMORE	6.5	7.3	8.0	7.3	TAHOE II	6.0	7.0	7.7	6.9
BRAVEHEART (DP 50-9407)	7.7	6.0	8.0	7.2	ARISTOTLE	7.0	6.3	7.3	6.9
CATALYST (NA-BT-1)	6.0	6.7	9.0	7.2	AST 7002	7.0	6.3	7.3	6.9
COMPETE (LS-06)	7.0	7.7	7.0	7.2	AST9001 (AST-3)	7.0	7.3	6.3	6.9
JT-36	6.7	7.0	8.0	7.2	ESCALADE	5.3	7.0	8.3	6.9
RK 4	6.0	6.7	9.0	7.2	MONET (LTP-610 CL)	6.0	6.0	8.7	6.9
FAT CAT (IS-TF-161)	6.3	7.0	8.3	7.2	PSG-82BR	6.3	6.3	8.0	6.9
HUNTER	6.3	7.3	8.0	7.2	REUNION (LS-03)	6.3	7.3	7.0	6.9
J-130	6.3	7.0	8.3	7.2	RHAMBLER SRP (RHAMBLER)	6.3	5.7	8.7	6.9
SKYLINE	8.0	6.3	7.3	7.2	RNP	6.0	7.3	7.3	6.9
O6-DUST	6.0	7.0	8.3	7.1	TURBO	5.7	6.3	8.7	6.9
AST7003	7.0	6.7	7.7	7.1	VAN GOGH (LTP-RK2)	5.3	6.3	9.0	6.9
GOLD MEDALLION (KZ-1)	6.7	7.0	7.7	7.1	LS 1200 (SC-1)	5.0	6.7	8.7	6.8
MVS-341	6.0	7.0	8.3	7.1	TRAVERSE SRP (RK-1)	5.7	5.7	9.0	6.8
PEDIGREE (ATF-1199)	6.7	6.3	8.3	7.1	XTREMEGREEN (BGR-TF2)	6.7	6.7	7.0	6.8
					JUSTICE	5.3	6.3	8.7	6.8

TABLE 16. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1	NE1	TX1	MEAN
CANNAVARO (DP 50-9440)	6.5	6.7	7.0	6.7
SHENANDOAH III (SH 3)	5.5	6.7	8.0	6.7
CROSSFIRE 3 (COL-J)	6.0	7.0	7.0	6.7
HUDSON (DKS)	5.3	7.0	7.7	6.7
JT-45	5.7	7.0	7.3	6.7
MUSTANG 4 (M4)	5.3	7.0	7.7	6.7
PADRE	6.3	7.0	6.7	6.7
STR-8BB5	5.0	6.7	8.3	6.7
HONKY TONK (RAD-TF17)	5.0	7.0	7.7	6.6
MAGELLAN	5.7	7.0	7.0	6.6
TITAN ULTRA (PSG-TTRH)	5.7	7.3	6.7	6.6
FIRECRACKER LS (MVS-MST)	4.0	7.3	8.3	6.6
LINDBERGH	5.0	6.7	7.7	6.4
PLATO	5.7	6.0	7.7	6.4
JAMBOREE (IS-TF-128)	5.0	6.3	8.0	6.4
COL-1	5.3	6.7	7.0	6.3
ESCALANTE (GO-1BFD)	5.7	6.7	6.7	6.3
FALCON V (ATM)	5.0	6.3	7.7	6.3
JT-33	5.7	6.3	7.0	6.3
ROCKET (IS-TF-147)	6.0	6.3	6.7	6.3
SR 8650 (STR-8LMM)	5.7	6.7	6.7	6.3
TURBO RZ (BURL-TF8)	5.3	6.3	7.3	6.3
0312	4.5	7.7	6.7	6.3
SHENANDOAH ELITE (RK 6)	5.5	6.7	6.7	6.3
ESSENTIAL (IS-TF-154)	5.0	6.7	7.0	6.2
FAITH (K06-WA)	5.3	5.7	7.7	6.2
TERRIER (IS-TF-135)	6.3	6.3	6.0	6.2
COCHISE IV (RKCL)	4.5	6.7	7.3	6.2
SILVERADO	4.7	6.0	7.7	6.1
KY-31	5.7	5.3	5.3	5.4
LSD VALUE	1.5	1.1	1.8	0.9
C.V. (%)	14.2	10.0	14.6	13.3

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 17. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	GA1	IN1	NC1	NE1	TX1	MEAN
CATALYST (NA-BT-1)	6.7	8.0	6.7	6.7	8.0	7.2
BLADERUNNER 2 (PSG-85QR)	7.7	7.0	7.0	6.0	7.3	7.0
TRAVERSE SRP (RK-1)	6.7	7.3	7.0	6.7	7.0	6.9
RHAMBLER SRP (RHAMBLER)	8.0	8.0	6.3	6.7	5.7	6.9
SHENANDOAH ELITE (RK 6)	8.0	6.7	7.0	6.7	6.0	6.9
SIDEWINDER (IS-TF-138)	8.3	8.0	5.3	6.7	6.0	6.9
WOLFPACK II (PST-5WMB)	7.5	7.3	5.3	7.0	7.0	6.8
GREENBROOKS (TG 50-9460)	7.0	7.7	7.0	6.7	5.7	6.8
JAMBOREE (IS-TF-128)	7.0	8.0	6.0	6.7	6.3	6.8
MONET (LTP-610 CL)	7.7	7.7	5.7	6.7	6.3	6.8
SPEEDWAY (STR-8BPDx)	7.0	7.0	6.3	7.0	6.7	6.8
SPYDER LS (Z-2000)	7.7	7.7	4.7	7.0	7.0	6.8
FALCON NG (CE 1)	8.0	7.7	5.3	6.7	6.0	6.7
TITANIUM LS (MVS-BB-1)	7.7	7.0	5.0	7.0	7.0	6.7
FALCON V (ATM)	6.3	8.0	5.3	7.3	6.7	6.7
FIRENZA	8.0	7.3	6.7	6.3	5.3	6.7
MUSTANG 4 (M4)	6.3	7.3	6.7	7.0	6.3	6.7
STR-8BB5	6.5	6.7	6.3	7.0	7.0	6.7
BRAVEHEART (DP 50-9407)	8.3	7.3	4.7	7.0	6.0	6.7
HONKY TONK (RAD-TF17)	6.0	7.0	6.0	7.0	7.3	6.7
TULSA TIME (TULSA III)	8.7	7.3	4.3	6.7	6.3	6.7
TURBO	6.7	8.0	5.3	7.0	6.3	6.7
DARLINGTON (CS-TF1)	7.7	7.3	5.3	7.0	6.0	6.7
FINELAWN XPRESS (RP 2)	7.0	8.0	6.3	7.0	5.0	6.7
BULLSEYE	7.0	8.7	4.3	7.0	6.0	6.6
FALCON IV	7.7	6.7	6.7	7.0	5.0	6.6
REBEL IV	8.0	7.0	6.0	7.0	5.0	6.6
PADRE	7.7	7.0	6.3	6.7	5.0	6.5
SR 8650 (STR-8LMM)	7.7	7.0	5.7	7.0	5.3	6.5
STETSON II (NA-SS)	7.7	7.0	5.7	7.0	5.3	6.5
TANZANIA (IS-TF-159)	8.3	7.3	4.0	7.0	6.0	6.5
AST1001 (AST-4)	8.3	7.3	4.3	7.0	5.7	6.5
FAITH (K06-WA)	6.3	7.7	6.3	7.0	5.3	6.5
JT-42	9.0	7.3	4.0	7.0	5.3	6.5
LINDBERGH	7.5	6.7	6.3	6.7	5.3	6.5
PATAGONIA (GWTF)	8.0	7.0	3.7	6.7	7.0	6.5
SHENANDOAH III (SH 3)	6.7	7.3	5.0	6.7	6.7	6.5
STR-8GRQR	7.0	6.7	6.0	6.7	6.0	6.5
VAN GOGH (LTP-RK2)	5.7	7.7	6.3	6.3	6.3	6.5
CEZANNE RZ (LTP-CRL)	8.0	7.0	5.0	6.3	6.0	6.5
SUNSET GOLD (KZ-2)	8.0	7.0	4.3	7.0	6.0	6.5

TABLE 17. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1	IN1	NC1	NE1	TX1	MEAN
VENTURE (J-140)	7.0	7.3	6.0	7.0	5.0	6.5
ESCALANTE (GO-1BFD)	7.5	7.0	5.7	7.0	5.0	6.4
PLATO	7.5	6.3	6.3	6.3	5.7	6.4
3RD MILLENNIUM SRP	7.0	6.7	4.7	7.0	6.7	6.4
BAR FA 6363	8.3	6.7	5.7	6.0	5.3	6.4
FIRECRACKER LS (MVS-MST)	6.3	8.3	4.7	6.7	6.0	6.4
GARRISON (IS-TF-153)	7.0	7.3	4.7	7.0	6.0	6.4
GAZELLE II (PST-5HP)	8.3	7.0	4.3	7.0	5.3	6.4
HUNTER	7.7	7.0	5.0	6.7	5.7	6.4
INTEGRITY (BGR-TF1)	8.0	7.0	5.0	7.0	5.0	6.4
MVS-1107	8.0	7.3	3.7	7.0	6.0	6.4
RK 5	6.7	7.3	4.7	7.3	6.0	6.4
ROCKET (IS-TF-147)	6.7	7.7	5.7	7.0	5.0	6.4
PSG-82BR	7.0	7.3	5.0	6.3	6.3	6.4
AST7003	7.7	6.7	5.0	7.0	5.3	6.3
GE-1	9.0	6.0	5.3	6.7	4.7	6.3
LS 1010 (ATF 1328)	7.7	7.0	5.7	6.3	5.0	6.3
TITAN RX (PSG-TTST)	7.3	6.3	6.0	6.3	5.7	6.3
TRIO (IS-TF-152)	7.3	7.0	4.3	6.7	6.3	6.3
ARISTOTLE	8.3	6.3	5.7	6.0	5.0	6.3
COCHISE IV (RKCL)	5.0	8.0	5.0	6.7	6.7	6.3
AST9001 (AST-3)	9.0	7.0	4.3	6.7	4.3	6.3
BAR FA 6253	6.0	7.0	5.3	7.0	6.0	6.3
PEDIGREE (ATF-1199)	8.0	7.0	4.0	7.0	5.3	6.3
TOCCOA (IS-TF-151)	7.0	7.3	5.0	6.7	5.3	6.3
XTREMEGREEN (BGR-TF2)	8.0	7.0	4.3	6.7	5.3	6.3
JT-36	7.3	7.3	5.0	6.3	5.3	6.3
CANNAVARO (DP 50-9440)	6.7	7.7	4.0	7.0	5.7	6.2
J-130	7.0	6.7	4.7	7.0	5.7	6.2
LS 1200 (SC-1)	6.7	7.7	3.0	7.0	6.7	6.2
AST 7002	8.7	7.3	3.7	6.3	5.0	6.2
CORONA (COL-M)	8.3	7.0	4.7	6.0	5.0	6.2
HEMI	6.7	7.3	4.3	6.7	6.0	6.2
JUSTICE	6.3	6.7	5.7	7.0	5.3	6.2
KY-41 (JT-41)	7.3	7.3	5.3	6.7	4.3	6.2
RENOVATE (LS-11)	7.3	7.0	5.0	7.0	4.7	6.2
RK 4	7.0	6.7	4.0	7.0	6.3	6.2
TALLADEGA (RP 3)	6.0	7.0	4.7	7.0	6.3	6.2
06-WALK	8.0	6.3	5.3	6.3	5.0	6.2
AST9002 (AST-2)	8.0	7.3	4.3	6.3	5.0	6.2
MVS-341	7.3	7.0	4.0	6.3	6.3	6.2
06-DUST	7.3	7.3	3.3	7.0	5.7	6.1

TABLE 17. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1	IN1	NC1	NE1	TX1	MEAN
RENDITION RX (PSG-RNDR)	7.7	7.0	4.0	6.7	5.3	6.1
SKYLINE	9.0	6.7	3.7	6.3	5.0	6.1
TERRIER (IS-TF-135)	7.7	7.0	4.3	6.7	5.0	6.1
EINSTEIN	7.0	6.3	5.0	6.3	6.0	6.1
NINJA 3 (ATF 1247)	7.5	6.7	5.0	6.0	5.3	6.1
ESSENTIAL (IS-TF-154)	6.3	7.7	3.7	7.0	5.7	6.1
REMBRANDT	8.0	6.7	4.7	6.3	4.7	6.1
RNP	8.0	6.7	3.7	6.3	5.7	6.1
FAT CAT (IS-TF-161)	8.0	7.0	3.3	7.0	5.0	6.1
COL-1	6.7	7.0	3.7	7.0	5.7	6.0
RAPTOR II (MVS-TF-158)	6.7	7.7	3.7	7.0	5.0	6.0
REUNION (LS-03)	7.3	6.7	4.0	7.0	5.0	6.0
CROSSFIRE 3 (COL-J)	7.3	7.0	3.3	7.0	5.3	6.0
HUDSON (DKS)	6.5	7.0	4.7	6.7	5.0	6.0
AST9003 (AST-1)	6.7	7.0	3.0	7.0	6.0	5.9
JT-33	7.0	7.0	3.7	7.0	5.0	5.9
MAGELLAN	7.0	6.7	5.7	6.0	4.3	5.9
TAHOE II	6.7	7.0	5.0	6.3	4.7	5.9
TITAN ULTRA (PSG-TTRH)	6.3	7.3	5.3	7.0	3.7	5.9
TURBO RZ (BURL-TF8)	6.3	7.3	5.0	6.7	4.3	5.9
ESCALADE	6.5	6.7	5.0	6.3	5.0	5.9
UMBRELLA (DP 50-9411)	5.3	7.3	4.3	6.7	5.7	5.9
GOLD MEDALLION (KZ-1)	7.0	7.0	3.0	7.0	5.0	5.8
AST 7001	7.3	7.3	3.0	6.3	5.0	5.8
JT-45	7.3	6.7	3.0	6.7	5.0	5.7
BILTMORE	6.3	7.0	4.3	6.0	4.7	5.7
COMPETE (LS-06)	6.5	6.0	4.0	6.7	5.0	5.6
0312	5.0	7.0	3.3	7.0	5.7	5.6
SILVERADO	4.3	6.3	4.7	6.3	5.3	5.4
KY-31	7.3	5.0	3.3	5.3	3.3	4.9
LSD VALUE	1.6	1.1	2.4	0.7	2.4	0.8
C.V. (%)	12.9	9.4	30.4	6.3	26.5	17.3

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 18.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	NC1	TX1	MEAN	NAME	NC1	TX1	MEAN
HONKY TONK (RAD-TF17)	7.7	7.7	7.7	JAMBOREE (IS-TF-128)	6.7	4.7	5.7
BLADERUNNER 2 (PSG-85QR)	8.3	5.7	7.0	TRAVERSE SRP (RK-1)	8.0	3.3	5.7
FALCON NG (CE 1)	7.3	6.7	7.0	AST7003	6.0	5.3	5.7
STR-8GRQR	7.3	6.3	6.8	COCHISE IV (RKCL)	7.0	4.3	5.7
SPEEDWAY (STR-8BPDx)	8.3	5.0	6.7	JT-36	7.0	4.3	5.7
ESCALANTE (GO-1BFD)	7.0	6.3	6.7	LS 1010 (ATF 1328)	7.0	4.3	5.7
JUSTICE	7.3	6.0	6.7	RENOVATE (LS-11)	7.0	4.3	5.7
REMBRANDT	7.3	6.0	6.7	RNP	6.3	5.0	5.7
TITAN RX (PSG-TTST)	7.3	6.0	6.7	SIDEWINDER (IS-TF-138)	7.3	4.0	5.7
AST9002 (AST-2)	6.3	6.7	6.5	TANZANIA (IS-TF-159)	6.0	5.3	5.7
GE-1	7.7	5.3	6.5	TITANIUM LS (MVS-BB-1)	6.3	5.0	5.7
GREENBROOKS (TG 50-9460)	8.0	5.0	6.5	TURBO	7.0	4.3	5.7
KY-41 (JT-41)	7.3	5.7	6.5	BAR FA 6253	6.7	4.3	5.5
LINDBERGH	7.0	6.0	6.5	DARLINGTON (CS-TF1)	6.7	4.3	5.5
NINJA 3 (ATF 1247)	7.0	6.0	6.5	GAZELLE II (PST-5HP)	6.0	5.0	5.5
O6-DUST	6.0	6.7	6.3	JT-42	6.3	4.7	5.5
BAR FA 6363	7.0	5.7	6.3	PADRE	6.7	4.3	5.5
MVS-341	5.7	7.0	6.3	PATAGONIA (GWTF)	6.0	5.0	5.5
RHAMBLER SRP (RHAMBLER)	8.3	4.3	6.3	SHENANDOAH III (SH 3)	7.3	3.7	5.5
PLATO	6.3	6.3	6.3	TURBO RZ (BURL-TF8)	6.3	4.7	5.5
REBEL IV	7.7	4.7	6.2	CATALYST (NA-BT-1)	7.7	3.0	5.3
STR-8BB5	7.7	4.7	6.2	LS 1200 (SC-1)	6.0	4.7	5.3
CEZANNE RZ (LTP-CRL)	7.3	5.0	6.2	SILVERADO	5.7	5.0	5.3
ESCALADE	7.3	5.0	6.2	SKYLINE	4.7	6.0	5.3
MAGELLAN	6.3	6.0	6.2	SR 8650 (STR-8LMM)	6.7	4.0	5.3
PSG-82BR	6.3	6.0	6.2	TALLADEGA (RP 3)	6.7	4.0	5.3
SPYDER LS (Z-2000)	7.3	5.0	6.2	TULSA TIME (TULSA III)	5.0	5.7	5.3
3RD MILLENNIUM SRP	6.7	5.3	6.0	FALCON V (ATM)	7.0	3.7	5.3
ARISTOTLE	6.7	5.3	6.0	FIRENZA	8.0	2.7	5.3
BULLSEYE	6.7	5.3	6.0	MUSTANG 4 (M4)	7.3	3.3	5.3
EINSTEIN	6.3	5.7	6.0	ROCKET (IS-TF-147)	7.0	3.7	5.3
FAITH (K06-WA)	6.7	5.3	6.0	TAHOE II	6.3	4.3	5.3
FALCON IV	8.0	4.0	6.0	COMPETE (LS-06)	5.7	4.7	5.2
STETSON II (NA-SS)	6.7	5.3	6.0	CORONA (COL-M)	7.0	3.3	5.2
O6-WALK	7.0	4.7	5.8	FINELAWN XPRESS (RP 2)	7.0	3.3	5.2
GARRISON (IS-TF-153)	6.7	5.0	5.8	RK 4	5.7	4.7	5.2
PEDIGREE (ATF-1199)	5.7	6.0	5.8	WOLFPACK II (PST-5WMB)	6.7	3.7	5.2
SHENANDOAH ELITE (RK 6)	8.3	3.3	5.8	GOLD MEDALLION (KZ-1)	6.0	4.3	5.2
FAT CAT (IS-TF-161)	5.3	6.3	5.8	J-130	6.3	4.0	5.2
RK 5	7.3	4.3	5.8	AST 7002	5.0	5.0	5.0
VAN GOGH (LTP-RK2)	8.7	3.0	5.8	BRAVEHEART (DP 50-9407)	7.0	3.0	5.0
				INTEGRITY (BGR-TF1)	6.3	3.7	5.0

TABLE 18. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	NC1	TX1	MEAN
SUNSET GOLD (KZ-2)	6.3	3.7	5.0
TRIO (IS-TF-152)	5.7	4.3	5.0
UMBRELLA (DP 50-9411)	6.0	4.0	5.0
XTREMEGREEN (BGR-TF2)	5.3	4.7	5.0
VENTURE (J-140)	6.7	3.0	4.8
COL-1	6.0	3.7	4.8
HUDSON (DKS)	6.0	3.7	4.8
MVS-1107	5.3	4.3	4.8
REUNION (LS-03)	6.3	3.3	4.8
TOCCOA (IS-TF-151)	6.0	3.3	4.7
BILTMORE	6.3	3.0	4.7
JT-33	5.0	4.3	4.7
CROSSFIRE 3 (COL-J)	6.0	3.0	4.5
ESSENTIAL (IS-TF-154)	5.3	3.7	4.5
HEMI	5.7	3.3	4.5
JT-45	4.7	4.3	4.5
RAPTOR II (MVS-TF-158)	5.3	3.7	4.5
HUNTER	5.7	3.0	4.3
AST 7001	5.0	3.7	4.3
AST1001 (AST-4)	6.0	2.7	4.3
MONET (LTP-610 CL)	7.0	1.7	4.3
TITAN ULTRA (PSG-TTRH)	7.0	1.7	4.3
0312	5.3	3.0	4.2
AST9003 (AST-1)	4.3	4.0	4.2
AST9001 (AST-3)	5.3	2.7	4.0
FIRECRACKER LS (MVS-MST)	6.7	1.3	4.0
RENDITION RX (PSG-RNDR)	5.3	2.3	3.8
TERRIER (IS-TF-135)	5.3	2.3	3.8
CANNAVARO (DP 50-9440)	5.3	1.3	3.3
KY-31	3.7	1.7	2.7
LSD VALUE	2.3	3.4	2.0
C.V. (%)	21.7	47.3	32.7

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 19. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	TN1	MEAN	NAME	GA1	TN1	MEAN
JT-42	96.0	93.0	94.5	STR-8GRQR	76.7	94.7	85.7
SIDEWINDER (IS-TF-138)	93.0	94.7	93.8	PEDIGREE (ATF-1199)	76.7	94.0	85.3
GE-1	93.0	94.3	93.7	XTREMEGREEN (BGR-TF2)	76.7	93.7	85.2
MVS-1107	93.0	94.0	93.5	HUNTER	76.7	93.3	85.0
STETSON II (NA-SS)	93.0	93.0	93.0	BLADERUNNER 2 (PSG-85QR)	76.7	93.0	84.8
BRAVEHEART (DP 50-9407)	89.7	95.3	92.5	KY-41 (JT-41)	76.7	93.0	84.8
SKYLINE	93.0	92.0	92.5	FAT CAT (IS-TF-161)	76.7	92.7	84.7
TRIO (IS-TF-152)	90.0	94.0	92.0	J-130	76.7	92.7	84.7
CORONA (COL-M)	89.7	92.7	91.2	BILTMORE	75.0	94.0	84.5
FALCON IV	86.7	95.3	91.0	MONET (LTP-610 CL)	73.3	95.7	84.5
TANZANIA (IS-TF-159)	86.7	95.3	91.0	TITANIUM LS (MVS-BB-1)	73.3	95.0	84.2
06-WALK	86.7	94.0	90.3	CROSSFIRE 3 (COL-J)	73.3	94.7	84.0
FIRENZA	86.7	93.7	90.2	EINSTEIN	73.3	94.7	84.0
RAPTOR II (MVS-TF-158)	86.7	93.3	90.0	SR 8650 (STR-8LMM)	73.3	94.7	84.0
CEZANNE RZ (LTP-CRL)	83.0	96.0	89.5	HEMI	73.3	94.3	83.8
AST 7002	83.3	94.7	89.0	FINELAWN XPRESS (RP 2)	73.3	94.0	83.7
AST 7001	83.3	94.0	88.7	PSG-82BR	73.3	94.0	83.7
AST7003	83.3	94.0	88.7	REMBRANDT	73.3	94.0	83.7
NINJA 3 (ATF 1247)	83.3	94.0	88.7	RHAMBLER SRP (RHAMBLER)	73.3	94.0	83.7
TULSA TIME (TULSA III)	83.3	94.0	88.7	SPEEDWAY (STR-8BPDx)	73.3	94.0	83.7
AST1001 (AST-4)	83.3	93.7	88.5	GARRISON (IS-TF-153)	73.3	93.7	83.5
FALCON NG (CE 1)	83.3	93.7	88.5	PADRE	73.3	93.7	83.5
GAZELLE II (PST-5HP)	80.0	95.7	87.8	TERRIER (IS-TF-135)	73.3	93.7	83.5
ARISTOTLE	83.3	92.3	87.8	MVS-341	73.3	93.3	83.3
REUNION (LS-03)	80.0	95.3	87.7	DARLINGTON (CS-TF1)	73.3	93.0	83.2
AST9001 (AST-3)	80.0	94.7	87.3	SHENANDOAH III (SH 3)	70.0	96.0	83.0
PATAGONIA (GWTF)	80.0	94.7	87.3	TRAVERSE SRP (RK-1)	70.0	96.0	83.0
JT-36	80.0	94.3	87.2	RK 4	70.0	95.7	82.8
LS 1010 (ATF 1328)	80.0	94.3	87.2	PLATO	73.3	92.0	82.7
SUNSET GOLD (KZ-2)	80.0	94.0	87.0	SPYDER LS (Z-2000)	70.0	95.3	82.7
TITAN RX (PSG-TTST)	80.0	94.0	87.0	SHENANDOAH ELITE (RK 6)	70.0	95.0	82.5
AST9002 (AST-2)	80.0	93.7	86.8	06-DUST	70.0	94.7	82.3
COMPETE (LS-06)	80.0	93.7	86.8	RK 5	70.0	94.7	82.3
RENOVATE (LS-11)	80.0	93.3	86.7	MAGELLAN	70.0	94.0	82.0
BULLSEYE	76.7	96.3	86.5	RENDITION RX (PSG-RNDR)	70.0	93.7	81.8
CANNAVARO (DP 50-9440)	80.0	93.0	86.5	TALLADEGA (RP 3)	70.0	93.7	81.8
GREENBROOKS (TG 50-9460)	80.0	93.0	86.5	AST9003 (AST-1)	70.0	93.0	81.5
INTEGRITY (BGR-TF1)	80.0	93.0	86.5	TURBO	66.7	96.0	81.3
CATALYST (NA-BT-1)	76.7	96.0	86.3	FALCON V (ATM)	66.7	95.7	81.2
GOLD MEDALLION (KZ-1)	80.0	92.7	86.3	TAHOE II	70.0	92.3	81.2
ROCKET (IS-TF-147)	76.7	95.3	86.0	TOCCOA (IS-TF-151)	70.0	92.3	81.2
WOLFPACK II (PST-5WMB)	76.7	95.0	85.8	BAR FA 6363	66.7	95.3	81.0

TABLE 19. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	TN1	MEAN
VENTURE (J-140)	66.7	94.3	80.5
JT-33	66.7	93.3	80.0
MUSTANG 4 (M4)	63.3	96.3	79.8
TITAN ULTRA (PSG-TTRH)	66.7	92.3	79.5
JUSTICE	63.3	95.0	79.2
COL-1	63.3	94.7	79.0
HUDSON (DKS)	63.3	94.7	79.0
LINDBERGH	65.0	93.0	79.0
ESCALADE	63.3	93.7	78.5
3RD MILLENNIUM SRP	63.3	93.3	78.3
JT-45	63.3	93.3	78.3
TURBO RZ (BURL-TF8)	63.3	93.3	78.3
RNP	63.3	93.0	78.2
LS 1200 (SC-1)	60.0	96.0	78.0
ESCALANTE (GO-1BFD)	60.0	95.7	77.8
HONKY TONK (RAD-TF17)	60.0	95.0	77.5
UMBRELLA (DP 50-9411)	60.0	95.0	77.5
VAN GOGH (LTP-RK2)	60.0	94.7	77.3
KY-31	63.3	91.3	77.3
FAITH (K06-WA)	60.0	93.7	76.8
BAR FA 6253	60.0	93.0	76.5
ESSENTIAL (IS-TF-154)	60.0	92.7	76.3
JAMBOREE (IS-TF-128)	56.7	96.0	76.3
STR-8BB5	56.7	95.3	76.0
0312	55.0	93.3	74.2
REBEL IV	50.3	95.3	72.8
SILVERADO	53.3	91.7	72.5
COCHISE IV (RKCL)	50.0	94.0	72.0
FIRECRACKER LS (MVS-MST)	46.7	95.3	71.0
LSD VALUE	18.7	2.8	9.1
C.V. (%)	15.3	1.9	9.4

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

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

TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	NM1	TN1	WA3	MEAN
GE-1	99.0	79.3	91.3	36.7	76.6
ARISTOTLE	90.0	89.7	86.3	40.0	76.5
WOLFPACK II (PST-5WMB)	94.5	74.3	89.3	43.3	75.4
BAR FA 6363	94.5	79.3	89.0	33.3	74.0
BRAVEHEART (DP 50-9407)	92.7	74.0	91.7	36.7	73.8
CEZANNE RZ (LTP-CRL)	89.7	70.7	93.3	40.0	73.4
CORONA (COL-M)	99.0	71.7	86.0	36.7	73.3
TANZANIA (IS-TF-159)	96.0	67.3	93.3	36.7	73.3
SR 8650 (STR-8LMM)	86.7	82.3	92.7	30.0	72.9
MONET (LTP-610 CL)	83.0	79.3	88.0	40.0	72.6
GREENBROOKS (TG 50-9460)	85.0	79.0	92.7	33.3	72.5
JT-42	99.0	70.0	87.7	33.3	72.5
MVS-1107	93.0	74.0	92.3	30.0	72.3
FIRENZA	93.0	65.7	93.3	36.7	72.2
ROCKET (IS-TF-147)	80.0	80.3	91.3	36.7	72.1
HUDSON (DKS)	90.0	76.3	88.0	33.3	71.9
ESSENTIAL (IS-TF-154)	70.0	86.7	90.0	40.0	71.7
FAT CAT (IS-TF-161)	83.3	77.7	89.0	36.7	71.7
GARRISON (IS-TF-153)	80.0	73.7	92.3	40.0	71.5
EINSTEIN	80.0	80.0	92.0	33.3	71.3
UMBRELLA (DP 50-9411)	66.7	83.3	91.0	43.3	71.1
XTREMEGREEN (BGR-TF2)	83.3	80.0	89.7	30.0	70.8
HEMI	80.0	76.0	90.0	36.7	70.7
STR-8GRQR	76.7	81.0	88.3	36.7	70.7
FALCON V (ATM)	73.3	80.7	88.0	40.0	70.5
GOLD MEDALLION (KZ-1)	86.7	80.3	85.0	30.0	70.5
LS 1010 (ATF 1328)	86.7	81.3	87.3	26.7	70.5
SPEEDWAY (STR-8BPDx)	80.0	73.0	91.7	36.7	70.3
SHENANDOAH III (SH 3)	70.0	81.0	93.3	36.7	70.3
AST 7002	93.0	63.7	86.3	36.7	69.9
MAGELLAN	76.7	80.0	89.7	33.3	69.9
TOCCOA (IS-TF-151)	80.0	74.7	87.3	36.7	69.7
BULLSEYE	76.7	77.3	90.7	33.3	69.5
STETSON II (NA-SS)	99.0	56.3	89.0	33.3	69.4
TERRIER (IS-TF-135)	80.0	80.7	86.3	30.0	69.3
J-130	83.3	81.0	79.3	33.3	69.3
RK 4	76.7	70.7	92.7	36.7	69.2
TURBO	76.7	78.3	88.3	33.3	69.2
NINJA 3 (ATF 1247)	86.7	70.0	86.3	33.3	69.1
ESCALADE	76.7	68.7	90.3	40.0	68.9
FALCON NG (CE 1)	90.0	65.7	93.0	26.7	68.8
TRAVERSE SRP (RK-1)	73.3	73.3	90.7	36.7	68.5

TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	NM1	TN1	WA3	MEAN
SUNSET GOLD (KZ-2)	83.3	67.3	89.0	33.3	68.3
GAZELLE II (PST-5HP)	86.3	58.3	81.3	46.7	68.2
AST9002 (AST-2)	83.0	65.0	91.3	33.3	68.2
AST1001 (AST-4)	96.0	52.0	91.0	33.3	68.1
PEDIGREE (ATF-1199)	83.3	69.3	89.7	30.0	68.1
JT-36	90.0	57.7	87.3	36.7	67.9
RENDITION RX (PSG-RNDR)	80.0	76.7	84.7	30.0	67.8
SKYLINE	93.0	54.3	87.3	36.7	67.8
RAPTOR II (MVS-TF-158)	83.3	68.3	86.3	33.3	67.8
AST9001 (AST-3)	90.0	59.3	91.3	30.0	67.7
SPYDER LS (Z-2000)	80.0	64.3	93.0	33.3	67.7
TAHOE II	76.7	73.0	87.3	33.3	67.6
DARLINGTON (CS-TF1)	80.0	66.0	86.3	36.7	67.3
ESCALANTE (GO-1BFD)	75.0	66.0	91.3	36.7	67.3
RK 5	76.3	60.7	91.7	40.0	67.2
AST 7001	86.3	63.0	86.0	33.3	67.2
STR-8BB5	66.7	66.0	92.3	43.3	67.1
TITAN RX (PSG-TTST)	83.3	61.0	90.3	33.3	67.0
LINDBERGH	70.0	80.3	90.7	26.7	66.9
TITANIUM LS (MVS-BB-1)	73.3	65.7	92.0	36.7	66.9
TRIO (IS-TF-152)	85.0	50.7	92.0	40.0	66.9
CATALYST (NA-BT-1)	80.0	61.0	89.7	36.7	66.8
AST7003	86.7	60.3	87.0	33.3	66.8
REMBRANDT	80.0	67.0	87.0	33.3	66.8
AST9003 (AST-1)	76.7	70.0	86.3	33.3	66.6
06-WALK	86.7	61.7	81.0	36.7	66.5
VENTURE (J-140)	76.7	67.7	91.7	30.0	66.5
RHAMBLER SRP (RHAMBLER)	86.7	42.3	92.7	43.3	66.3
FIRECRACKER LS (MVS-MST)	63.3	74.7	89.3	36.7	66.0
TULSA TIME (TULSA III)	89.7	62.3	84.7	26.7	65.8
FALCON IV	89.7	45.7	89.7	36.7	65.4
SIDEWINDER (IS-TF-138)	89.7	41.0	91.0	40.0	65.4
MVS-341	73.3	64.7	90.0	33.3	65.3
CANNAVARO (DP 50-9440)	70.0	73.0	84.7	33.3	65.3
PADRE	83.3	53.0	84.3	40.0	65.2
JAMBOREE (IS-TF-128)	70.0	69.0	87.3	33.3	64.9
RENOVATE (LS-11)	86.7	57.0	82.3	33.3	64.8
COMPETE (LS-06)	85.0	50.7	86.3	36.7	64.7
TURBO RZ (BURL-TF8)	66.7	65.3	93.3	33.3	64.7
LS 1200 (SC-1)	70.0	58.3	93.3	36.7	64.6
FINELAWN XPRESS (RP 2)	76.7	58.0	92.7	30.0	64.3
KY-41 (JT-41)	83.3	55.0	85.7	33.3	64.3

TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	GA1	NM1	TN1	WA3	MEAN
PATAGONIA (GWTF)	80.0	47.3	92.3	36.7	64.1
TALLADEGA (RP 3)	76.7	54.0	88.0	36.7	63.8
BLADERUNNER 2 (PSG-85QR)	83.3	41.3	90.3	40.0	63.8
INTEGRITY (BGR-TF1)	90.0	48.7	86.3	30.0	63.8
PLATO	76.7	64.0	80.7	33.3	63.7
RNP	90.0	45.7	88.3	30.0	63.5
SILVERADO	63.3	78.3	81.7	30.0	63.3
VAN GOGH (LTP-RK2)	66.7	62.3	90.7	33.3	63.3
MUSTANG 4 (M4)	73.3	54.7	86.0	36.7	62.7
BILTMORE	85.0	56.3	79.0	30.0	62.6
3RD MILLENNIUM SRP	76.3	49.3	90.3	33.3	62.3
CROSSFIRE 3 (COL-J)	76.7	65.7	75.0	30.0	61.8
HONKY TONK (RAD-TF17)	70.0	56.3	84.0	36.7	61.8
06-DUST	76.7	46.0	89.3	33.3	61.3
JT-33	70.0	62.0	76.7	36.7	61.3
COCHISE IV (RKCL)	75.0	44.7	88.3	36.7	61.2
BAR FA 6253	70.0	53.3	87.0	33.3	60.9
FAITH (K06-WA)	70.0	42.3	89.7	40.0	60.5
JUSTICE	63.3	58.7	87.7	30.0	59.9
REUNION (LS-03)	76.7	45.7	80.7	33.3	59.1
REBEL IV	83.3	35.0	88.0	30.0	59.1
HUNTER	80.0	45.7	79.3	30.0	58.8
COL-1	70.0	46.0	87.7	30.0	58.4
TITAN ULTRA (PSG-TTRH)	70.0	46.7	81.0	30.0	56.9
0312	60.0	58.3	85.3	23.3	56.8
JT-45	76.3	37.3	86.7	26.7	56.8
PSG-82BR	46.7	56.0	89.3	33.3	56.3
KY-31	76.7	45.7	75.0	20.0	54.3
SHENANDOAH ELITE (RK 6)	75.0	17.0	90.7	33.3	54.0
LSD VALUE	16.6	36.5	8.4	13.4	10.9
C.V. (%)	12.3	35.4	5.9	24.2	20.0

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 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	TN1	NAME	TN1
SIDEWINDER (IS-TF-138)	97.7	AST 7002	95.3
FIRENZA	97.3	ESSENTIAL (IS-TF-154)	95.3
TRAVERSE SRP (RK-1)	97.0	GE-1	95.3
BULLSEYE	96.7	INTEGRITY (BGR-TF1)	95.3
CATALYST (NA-BT-1)	96.7	NINJA 3 (ATF 1247)	95.3
FINELAWN XPRESS (RP 2)	96.7	PEDIGREE (ATF-1199)	95.3
GAZELLE II (PST-5HP)	96.7	ROCKET (IS-TF-147)	95.3
LS 1200 (SC-1)	96.7	STETSON II (NA-SS)	95.3
RHAMBLER SRP (RHAMBLER)	96.7	TANZANIA (IS-TF-159)	95.3
RK 5	96.7	TITANIUM LS (MVS-BB-1)	95.3
SPYDER LS (Z-2000)	96.7	TRIO (IS-TF-152)	95.3
TURBO RZ (BURL-TF8)	96.7	AST9003 (AST-1)	95.0
VAN GOGH (LTP-RK2)	96.7	COL-1	95.0
COCHISE IV (RKCL)	96.3	ESCALANTE (GO-1BFD)	95.0
FALCON V (ATM)	96.3	FAT CAT (IS-TF-161)	95.0
FIRECRACKER LS (MVS-MST)	96.3	J-130	95.0
SHENANDOAH III (SH 3)	96.3	JT-36	95.0
TURBO	96.3	LINDBERGH	95.0
VENTURE (J-140)	96.3	PSG-82BR	95.0
WOLFPACK II (PST-5WMB)	96.3	SKYLINE	95.0
3RD MILLENNIUM SRP	96.0	STR-8BB5	95.0
CEZANNE RZ (LTP-CRL)	96.0	TOCCOA (IS-TF-151)	95.0
FALCON IV	96.0	TULSA TIME (TULSA III)	95.0
FALCON NG (CE 1)	96.0	AST9001 (AST-3)	94.7
REBEL IV	96.0	BLADERUNNER 2 (PSG-85QR)	94.7
SPEEDWAY (STR-8BPDx)	96.0	EINSTEIN	94.7
TAHOE II	96.0	HONKY TONK (RAD-TF17)	94.7
AST7003	95.7	JT-42	94.7
CANNAVARO (DP 50-9440)	95.7	KY-41 (JT-41)	94.7
FAITH (K06-WA)	95.7	MAGELLAN	94.7
GARRISON (IS-TF-153)	95.7	RNP	94.7
HEMI	95.7	XTREMEGREEN (BGR-TF2)	94.7
JAMBOREE (IS-TF-128)	95.7	AST 7001	94.3
LS 1010 (ATF 1328)	95.7	AST9002 (AST-2)	94.3
MONET (LTP-610 CL)	95.7	BAR FA 6253	94.3
MUSTANG 4 (M4)	95.7	BAR FA 6363	94.3
MVS-1107	95.7	BRAVEHEART (DP 50-9407)	94.3
RK 4	95.7	CORONA (COL-M)	94.3
SHENANDOAH ELITE (RK 6)	95.7	CROSSFIRE 3 (COL-J)	94.3
SR 8650 (STR-8LMM)	95.7	ESCALADE	94.3
STR-8GRQR	95.7	RAPTOR II (MVS-TF-158)	94.3
TITAN RX (PSG-TTST)	95.7	TERRIER (IS-TF-135)	94.3

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	TN1
UMBRELLA (DP 50-9411)	94.3
0312	94.0
AST1001 (AST-4)	94.0
COMPETE (LS-06)	94.0
DARLINGTON (CS-TF1)	94.0
GOLD MEDALLION (KZ-1)	94.0
GREENBROOKS (TG 50-9460)	94.0
JT-45	94.0
JUSTICE	94.0
PADRE	94.0
REUNION (LS-03)	94.0
06-DUST	93.7
PLATO	93.7
RENDITION RX (PSG-RNDR)	93.7
RENOVATE (LS-11)	93.7
SUNSET GOLD (KZ-2)	93.7
TALLADEGA (RP 3)	93.7
06-WALK	93.3
HUDSON (DKS)	93.3
JT-33	93.3
PATAGONIA (GWTF)	93.3
TITAN ULTRA (PSG-TTRH)	93.3
ARISTOTLE	93.0
HUNTER	93.0
MVS-341	93.0
REMBRANDT	93.0
SILVERADO	93.0
BILTMORE	92.7
KY-31	84.3
LSD VALUE	2.1
C.V. (%)	1.4

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 22. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	TX1	NAME	TX1
FAITH (K06-WA)	7.3	AST1001 (AST-4)	6.3
GE-1	7.3	AST9001 (AST-3)	6.3
MONET (LTP-610 CL)	7.3	AST9002 (AST-2)	6.3
NINJA 3 (ATF 1247)	7.3	BAR FA 6363	6.3
RHAMBLER SRP (RHAMBLER)	7.3	BRAVEHEART (DP 50-9407)	6.3
SPEEDWAY (STR-8BPDx)	7.3	CANNAVARO (DP 50-9440)	6.3
BLADERUNNER 2 (PSG-85QR)	7.0	ESSENTIAL (IS-TF-154)	6.3
BULLSEYE	7.0	FIRECRACKER LS (MVS-MST)	6.3
CATALYST (NA-BT-1)	7.0	GARRISON (IS-TF-153)	6.3
CEZANNE RZ (LTP-CRL)	7.0	GAZELLE II (PST-5HP)	6.3
FALCON V (ATM)	7.0	INTEGRITY (BGR-TF1)	6.3
HONKY TONK (RAD-TF17)	7.0	JAMBOREE (IS-TF-128)	6.3
JUSTICE	7.0	JT-36	6.3
LS 1200 (SC-1)	7.0	KY-31	6.3
RK 4	7.0	KY-41 (JT-41)	6.3
RK 5	7.0	LINDBERGH	6.3
STR-8GRQR	7.0	MUSTANG 4 (M4)	6.3
TALLADEGA (RP 3)	7.0	MVS-1107	6.3
TRAVERSE SRP (RK-1)	7.0	PADRE	6.3
TRIO (IS-TF-152)	7.0	PATAGONIA (GWTF)	6.3
UMBRELLA (DP 50-9411)	7.0	PSG-82BR	6.3
06-DUST	6.7	RENDITION RX (PSG-RNDR)	6.3
ESCALADE	6.7	SHENANDOAH III (SH 3)	6.3
ESCALANTE (GO-1BFD)	6.7	TITAN RX (PSG-TTST)	6.3
FALCON IV	6.7	TITAN ULTRA (PSG-TTRH)	6.3
FAT CAT (IS-TF-161)	6.7	TITANIUM LS (MVS-BB-1)	6.3
FINELAWN XPRESS (RP 2)	6.7	TULSA TIME (TULSA III)	6.3
HEMI	6.7	TURBO	6.3
MAGELLAN	6.7	TURBO RZ (BURL-TF8)	6.3
MVS-341	6.7	WOLFPACK II (PST-5WMB)	6.3
REMBRANDT	6.7	XTREMEGREEN (BGR-TF2)	6.3
RNP	6.7	ARISTOTLE	6.0
SPYDER LS (Z-2000)	6.7	AST7003	6.0
SR 8650 (STR-8LMM)	6.7	BAR FA 6253	6.0
STETSON II (NA-SS)	6.7	BILTMORE	6.0
STR-8BB5	6.7	DARLINGTON (CS-TF1)	6.0
TANZANIA (IS-TF-159)	6.7	FALCON NG (CE 1)	6.0
VAN GOGH (LTP-RK2)	6.7	HUDSON (DKS)	6.0
VENTURE (J-140)	6.7	HUNTER	6.0
3RD MILLENNIUM SRP	6.3	J-130	6.0
AST 7002	6.3	PEDIGREE (ATF-1199)	6.0
		RAPTOR II (MVS-TF-158)	6.0

TABLE 22. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	TX1
SHENANDOAH ELITE (RK 6)	6.0
SIDEWINDER (IS-TF-138)	6.0
SILVERADO	6.0
SKYLINE	6.0
TAHOE II	6.0
TERRIER (IS-TF-135)	6.0
TOCCOA (IS-TF-151)	6.0
0312	5.7
06-WALK	5.7
AST 7001	5.7
AST9003 (AST-1)	5.7
COCHISE IV (RKCL)	5.7
COMPETE (LS-06)	5.7
CROSSFIRE 3 (COL-J)	5.7
EINSTEIN	5.7
GREENBROOKS (TG 50-9460)	5.7
JT-42	5.7
JT-45	5.7
PLATO	5.7
REBEL IV	5.7
REUNION (LS-03)	5.7
ROCKET (IS-TF-147)	5.7
SUNSET GOLD (KZ-2)	5.7
CORONA (COL-M)	5.3
FIRENZA	5.3
GOLD MEDALLION (KZ-1)	5.3
JT-33	5.3
RENOVATE (LS-11)	5.3
COL-1	5.0
LS 1010 (ATF 1328)	5.0
LSD VALUE	1.7
C.V. (%)	17.1

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 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	MEAN
LS 1200 (SC-1)	5.7	4.7	5.3	6.3	8.7	6.1
RHAMBLER SRP (RHAMBLER)	5.3	5.0	5.7	5.3	8.7	6.0
BRAVEHEART (DP 50-9407)	5.0	5.7	5.0	5.7	8.3	5.9
FALCON V (ATM)	6.0	4.7	5.3	6.3	7.3	5.9
FAITH (K06-WA)	6.0	3.7	5.7	6.0	8.0	5.9
MONET (LTP-610 CL)	5.0	5.0	6.0	5.3	7.7	5.8
CATALYST (NA-BT-1)	5.0	5.0	5.0	5.7	8.0	5.7
TRAVERSE SRP (RK-1)	4.3	5.0	5.3	6.0	8.0	5.7
FINELAWN XPRESS (RP 2)	4.7	5.0	5.7	5.3	7.7	5.7
REBEL IV	5.3	5.0	5.0	5.0	8.0	5.7
AST7003	4.7	5.0	5.3	5.0	8.0	5.6
GOLD MEDALLION (KZ-1)	5.0	5.0	5.3	5.0	7.7	5.6
3RD MILLENNIUM SRP	4.3	5.0	6.0	5.0	7.3	5.5
RK 5	4.7	4.3	5.0	6.0	7.7	5.5
ROCKET (IS-TF-147)	5.0	4.3	5.7	5.0	7.7	5.5
SPEEDWAY (STR-8BPDx)	4.3	5.0	5.3	5.0	8.0	5.5
WOLFPACK II (PST-5WMB)	4.7	4.3	5.0	6.0	7.7	5.5
AST9003 (AST-1)	4.3	4.3	6.7	5.0	7.0	5.5
FALCON IV	4.3	5.0	4.7	5.3	8.0	5.5
FIRENZA	5.0	5.3	5.0	5.0	7.0	5.5
GARRISON (IS-TF-153)	4.0	4.7	5.7	5.3	7.7	5.5
GAZELLE II (PST-5HP)	4.0	5.0	5.3	5.3	7.7	5.5
REMBRANDT	4.3	4.7	5.3	5.3	7.7	5.5
SHENANDOAH III (SH 3)	4.7	5.0	4.7	5.3	7.7	5.5
VAN GOGH (LTP-RK2)	4.7	4.3	6.0	5.3	7.0	5.5
LS 1010 (ATF 1328)	5.3	5.0	5.3	5.3	6.3	5.5
AST9002 (AST-2)	4.3	5.0	5.0	5.0	7.7	5.4
ESCALANTE (GO-1BFD)	4.3	4.3	5.3	5.7	7.3	5.4
ESSENTIAL (IS-TF-154)	5.3	4.3	5.7	5.0	6.7	5.4
GE-1	4.3	5.0	5.0	6.0	6.7	5.4
JAMBOREE (IS-TF-128)	5.0	3.7	5.3	5.3	7.7	5.4
REUNION (LS-03)	3.7	5.0	5.3	5.0	8.0	5.4
VENTURE (J-140)	4.3	4.3	5.0	5.3	8.0	5.4
GREENBROOKS (TG 50-9460)	5.3	5.0	5.0	5.3	6.3	5.4
HUNTER	4.7	4.3	5.3	5.3	7.3	5.4
JUSTICE	4.3	4.0	5.3	5.3	8.0	5.4
RENOVATE (LS-11)	4.3	5.0	5.3	5.0	7.3	5.4
SKYLINE	4.3	5.3	6.0	5.0	6.3	5.4
06-WALK	4.7	4.3	6.0	5.0	6.7	5.3
CEZANNE RZ (LTP-CRL)	3.3	4.7	5.7	6.0	7.0	5.3
PATAGONIA (GWTF)	4.3	4.7	4.7	5.0	8.0	5.3

TABLE 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	MEAN
PSG-82BR	5.0	4.7	5.0	5.0	7.0	5.3
AST9001 (AST-3)	4.3	5.0	5.3	5.3	6.7	5.3
PEDIGREE (ATF-1199)	4.3	4.3	5.0	5.0	8.0	5.3
SIDEWINDER (IS-TF-138)	3.7	5.7	4.7	5.3	7.3	5.3
STR-8BB5	4.3	4.0	5.0	5.3	8.0	5.3
TALLADEGA (RP 3)	5.3	4.3	5.0	5.0	7.0	5.3
TURBO	4.3	5.0	5.3	5.0	7.0	5.3
AST 7001	4.0	4.7	4.7	5.3	7.7	5.3
ARISTOTLE	4.3	5.3	5.3	5.3	6.0	5.3
AST 7002	4.0	5.0	5.3	5.3	6.7	5.3
BLADERUNNER 2 (PSG-85QR)	4.3	4.7	5.0	5.3	7.0	5.3
COMPETE (LS-06)	4.3	5.0	5.0	5.0	7.0	5.3
DARLINGTON (CS-TF1)	4.3	5.0	4.3	5.0	7.7	5.3
FALCON NG (CE 1)	4.0	5.0	5.3	5.7	6.3	5.3
INTEGRITY (BGR-TF1)	4.3	5.0	5.0	5.0	7.0	5.3
MUSTANG 4 (M4)	4.7	4.0	5.3	5.0	7.3	5.3
MVS-1107	4.3	5.3	5.7	5.3	5.7	5.3
RK 4	4.7	4.7	4.7	6.0	6.3	5.3
TULSA TIME (TULSA III)	4.0	5.0	5.3	5.3	6.7	5.3
BULLSEYE	4.7	4.7	5.3	5.0	6.3	5.2
CORONA (COL-M)	4.3	4.3	5.3	5.0	7.0	5.2
ESCALADE	4.3	4.0	5.3	5.7	6.7	5.2
STETSON II (NA-SS)	4.0	5.0	5.0	5.0	7.0	5.2
TAHOE II	4.0	4.0	5.7	5.0	7.3	5.2
TANZANIA (IS-TF-159)	4.7	5.0	5.0	5.0	6.3	5.2
TITANIUM LS (MVS-BB-1)	5.7	4.3	4.7	5.0	6.3	5.2
FAT CAT (IS-TF-161)	4.0	4.0	5.3	5.3	7.3	5.2
SHENANDOAH ELITE (RK 6)	4.7	4.5	5.0	5.0	6.7	5.2
TOCCOA (IS-TF-151)	4.3	4.5	5.0	5.0	7.0	5.2
JT-36	4.7	4.7	4.3	5.3	6.7	5.1
SPYDER LS (Z-2000)	4.7	4.7	4.3	5.3	6.7	5.1
SUNSET GOLD (KZ-2)	3.7	4.7	5.0	5.0	7.3	5.1
TITAN ULTRA (PSG-TTRH)	4.3	4.7	5.0	5.0	6.7	5.1
XTREMEGREEN (BGR-TF2)	3.7	4.7	5.7	5.0	6.7	5.1
BAR FA 6363	4.3	4.3	5.0	5.0	7.0	5.1
MAGELLAN	4.0	4.3	5.0	5.3	7.0	5.1
SR 8650 (STR-8LMM)	4.0	4.3	5.3	4.7	7.3	5.1
STR-8GRQR	4.3	4.0	5.3	5.0	7.0	5.1
TITAN RX (PSG-TTST)	3.7	4.3	5.3	5.0	7.3	5.1
BILTMORE	4.3	4.5	4.7	5.0	7.0	5.1
COCHISE IV (RKCL)	5.0	3.5	5.3	5.3	6.3	5.1
HONKY TONK (RAD-TF17)	4.0	4.0	4.7	5.0	7.7	5.1

TABLE 23. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	MEAN
JT-42	4.7	4.7	4.7	4.7	6.7	5.1
AST1001 (AST-4)	4.0	5.3	4.7	5.0	6.3	5.1
EINSTEIN	4.0	5.3	5.0	5.0	6.0	5.1
JT-33	5.0	4.3	4.7	5.0	6.3	5.1
KY-41 (JT-41)	4.0	4.7	5.0	4.3	7.3	5.1
NINJA 3 (ATF 1247)	3.7	4.0	5.7	5.3	6.7	5.1
TURBO RZ (BURL-TF8)	5.0	4.3	5.0	5.0	6.0	5.1
06-DUST	3.7	4.3	5.0	5.0	7.0	5.0
COL-1	4.0	4.0	5.0	5.0	7.0	5.0
CROSSFIRE 3 (COL-J)	4.0	4.0	5.0	5.0	7.0	5.0
J-130	4.0	4.0	5.0	5.0	7.0	5.0
PADRE	3.7	4.3	4.7	5.3	7.0	5.0
RNP	3.7	4.0	5.3	5.0	7.0	5.0
MVS-341	3.3	4.7	5.0	5.0	6.7	4.9
FIRECRACKER LS (MVS-MST)	4.7	3.3	5.0	5.3	6.3	4.9
JT-45	4.0	4.0	5.0	4.7	6.7	4.9
UMBRELLA (DP 50-9411)	4.0	3.3	5.3	5.0	6.7	4.9
BAR FA 6253	4.3	4.0	4.7	5.3	6.0	4.9
RAPTOR II (MVS-TF-158)	4.0	4.0	5.0	5.0	6.3	4.9
HUDSON (DKS)	4.0	3.7	5.0	4.7	6.7	4.8
PLATO	4.0	4.0	5.0	5.3	5.7	4.8
RENDITION RX (PSG-RNDR)	4.0	5.3	4.7	4.3	5.7	4.8
TRIO (IS-TF-152)	4.0	3.7	5.0	5.0	6.3	4.8
LINDBERGH	3.7	4.5	4.7	5.0	6.0	4.8
HEMI	4.0	4.3	4.7	5.0	5.7	4.7
TERRIER (IS-TF-135)	4.3	4.3	4.0	4.7	6.3	4.7
CANNAVARO (DP 50-9440)	5.0	3.7	3.7	4.7	5.7	4.5
0312	4.0	3.5	4.0	5.0	6.0	4.5
SILVERADO	3.3	3.3	5.3	5.0	5.0	4.4
KY-31	4.0	3.0	4.3	4.3	3.3	3.8
LSD VALUE	1.4	1.1	1.0	0.7	1.8	0.6
C.V. (%)	20.1	14.9	12.1	7.8	15.8	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 24.

DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	MO1	TX1	WA3	MEAN	NAME	MO1	TX1	WA3	MEAN
CATALYST (NA-BT-1)	6.0	6.0	9.0	7.0	GARRISON (IS-TF-153)	5.7	4.3	9.0	6.3
STR-8BB5	6.0	5.7	9.0	6.9	HUNTER	5.3	4.7	9.0	6.3
TITANIUM LS (MVS-BB-1)	5.7	6.0	9.0	6.9	JAMBOREE (IS-TF-128)	5.0	5.0	9.0	6.3
KY-31	7.7	4.3	8.7	6.9	PATAGONIA (GWTF)	5.3	5.0	8.7	6.3
HONKY TONK (RAD-TF17)	5.7	5.7	9.0	6.8	PEDIGREE (ATF-1199)	6.0	4.0	9.0	6.3
BLADERUNNER 2 (PSG-85QR)	5.3	6.0	9.0	6.8	RAPTOR II (MVS-TF-158)	5.3	4.7	9.0	6.3
COCHISE IV (RKCL)	5.3	6.0	9.0	6.8	SHENANDOAH ELITE (RK 6)	5.0	5.0	9.0	6.3
FALCON V (ATM)	5.7	5.3	9.0	6.7	TITAN ULTRA (PSG-TTRH)	5.7	4.3	9.0	6.3
HEMI	5.7	5.3	9.0	6.7	TOCCOA (IS-TF-151)	5.7	4.3	9.0	6.3
MUSTANG 4 (M4)	5.0	6.0	9.0	6.7	TURBO RZ (BURL-TF8)	5.7	4.3	9.0	6.3
TRAVERSE SRP (RK-1)	5.0	6.0	9.0	6.7	FAITH (K06-WA)	5.0	4.7	9.0	6.2
TULSA TIME (TULSA III)	5.7	5.3	9.0	6.7	GAZELLE II (PST-5HP)	5.0	4.7	9.0	6.2
VAN GOGH (LTP-RK2)	5.7	5.3	9.0	6.7	GOLD MEDALLION (KZ-1)	5.7	4.0	9.0	6.2
WOLFPACK II (PST-5WMB)	5.3	5.7	9.0	6.7	MVS-1107	4.7	5.0	9.0	6.2
BAR FA 6253	5.7	5.0	9.0	6.6	PADRE	5.0	4.7	9.0	6.2
MVS-341	5.7	5.0	9.0	6.6	RK 4	5.0	4.7	9.0	6.2
TRIO (IS-TF-152)	5.0	5.7	9.0	6.6	RNP	5.0	4.7	9.0	6.2
CANNAVARO (DP 50-9440)	5.3	5.3	9.0	6.6	ROCKET (IS-TF-147)	5.0	4.7	9.0	6.2
CEZANNE RZ (LTP-CRL)	5.3	5.3	9.0	6.6	SHENANDOAH III (SH 3)	5.0	4.7	9.0	6.2
SPYDER LS (Z-2000)	5.3	5.3	9.0	6.6	SILVERADO	5.0	4.7	9.0	6.2
AST 7002	5.7	4.7	9.0	6.4	STR-8GRQR	4.7	5.0	9.0	6.2
SUNSET GOLD (KZ-2)	5.7	4.7	9.0	6.4	AST1001 (AST-4)	5.3	4.3	9.0	6.2
XTREMEGREEN (BGR-TF2)	5.7	4.7	9.0	6.4	FINELAWN XPRESS (RP 2)	5.3	4.3	9.0	6.2
3RD MILLENNIUM SRP	5.0	5.3	9.0	6.4	FIRENZA	5.3	4.3	9.0	6.2
AST9003 (AST-1)	5.0	5.3	9.0	6.4	JT-36	5.3	4.3	9.0	6.2
BULLSEYE	5.0	5.3	9.0	6.4	JT-42	5.3	4.7	8.7	6.2
ESSENTIAL (IS-TF-154)	6.0	4.3	9.0	6.4	JUSTICE	5.3	4.3	9.0	6.2
FALCON NG (CE 1)	5.3	5.3	8.7	6.4	RHAMBLER SRP (RHAMBLER)	5.3	4.3	9.0	6.2
FIRECRACKER LS (MVS-MST)	6.0	4.3	9.0	6.4	TURBO	5.3	4.3	9.0	6.2
J-130	5.3	5.0	9.0	6.4	RENDITION RX (PSG-RNDR)	5.7	3.7	9.0	6.1
LS 1200 (SC-1)	5.0	5.3	9.0	6.4	REUNION (LS-03)	5.7	3.7	9.0	6.1
MONET (LTP-610 CL)	5.3	5.0	9.0	6.4	SKYLINE	5.7	3.7	9.0	6.1
NINJA 3 (ATF 1247)	5.3	5.0	9.0	6.4	06-DUST	5.0	4.3	9.0	6.1
PSG-82BR	5.3	5.0	9.0	6.4	AST9002 (AST-2)	5.0	4.3	9.0	6.1
RK 5	5.3	5.0	9.0	6.4	BRAVEHEART (DP 50-9407)	5.0	4.3	9.0	6.1
SIDEWINDER (IS-TF-138)	5.0	5.3	9.0	6.4	DARLINGTON (CS-TF1)	5.3	4.0	9.0	6.1
SPEEDWAY (STR-8BPD)	5.0	5.3	9.0	6.4	ESCALANTE (GO-1BFD)	5.3	4.0	9.0	6.1
TANZANIA (IS-TF-159)	5.3	5.0	9.0	6.4	FALCON IV	5.0	4.3	9.0	6.1
0312	5.0	5.0	9.0	6.3	FAT CAT (IS-TF-161)	5.0	4.3	9.0	6.1
AST 7001	5.7	4.3	9.0	6.3	HUDSON (DKS)	5.3	4.0	9.0	6.1
BAR FA 6363	5.0	5.0	9.0	6.3	MAGELLAN	5.3	4.0	9.0	6.1
					SR 8650 (STR-8LMM)	5.3	4.0	9.0	6.1

TABLE 24. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	MO1	TX1	WA3	MEAN
TALLADEGA (RP 3)	5.0	4.3	9.0	6.1
TITAN RX (PSG-TTST)	5.0	4.3	9.0	6.1
AST7003	5.3	3.7	9.0	6.0
BILTMORE	5.7	3.3	9.0	6.0
CROSSFIRE 3 (COL-J)	5.3	3.7	9.0	6.0
ESCALADE	5.0	4.0	9.0	6.0
JT-33	5.3	3.7	9.0	6.0
LINDBERGH	5.0	4.0	9.0	6.0
LS 1010 (ATF 1328)	5.0	4.3	8.7	6.0
RENOVATE (LS-11)	5.3	3.7	9.0	6.0
STETSON II (NA-SS)	4.7	4.3	9.0	6.0
TAHOE II	5.3	3.7	9.0	6.0
UMBRELLA (DP 50-9411)	5.0	4.0	9.0	6.0
CORONA (COL-M)	4.7	4.0	9.0	5.9
EINSTEIN	4.7	4.0	9.0	5.9
INTEGRITY (BGR-TF1)	4.7	4.0	9.0	5.9
PLATO	4.7	4.0	9.0	5.9
AST9001 (AST-3)	5.0	3.7	9.0	5.9
COL-1	5.0	3.7	9.0	5.9
COMPETE (LS-06)	5.3	3.3	9.0	5.9
GE-1	4.3	4.3	9.0	5.9
GREENBROOKS (TG 50-9460)	5.0	3.7	9.0	5.9
JT-45	5.0	3.7	9.0	5.9
KY-41 (JT-41)	5.0	3.7	9.0	5.9
REBEL IV	5.0	3.7	9.0	5.9
TERRIER (IS-TF-135)	5.0	3.7	9.0	5.9
VENTURE (J-140)	5.0	3.7	9.0	5.9
06-WALK	5.3	3.3	8.7	5.8
REMBRANDT	5.0	3.7	8.7	5.8
ARISTOTLE	4.3	3.7	8.7	5.6
LSD VALUE	1.0	2.3	0.2	0.8
C.V. (%)	12.3	31.1	1.7	14.4

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

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

TABLE 25. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	CA3	MO1	NJ1	VA1	MEAN
REMBRANDT	3.7	2.0	7.3	6.0	4.8
TULSA TIME (TULSA III)	2.7	2.0	7.7	6.3	4.7
KY-31	3.0	7.0	4.3	3.7	4.5
RK 5	2.3	1.3	7.7	6.7	4.5
LINDBERGH	2.7	1.7	7.7	5.7	4.4
RENDITION RX (PSG-RNDR)	1.7	2.0	7.7	6.3	4.4
3RD MILLENNIUM SRP	1.7	2.0	7.3	6.0	4.3
ESCALANTE (GO-1BFD)	2.7	2.3	6.3	5.7	4.3
JT-42	2.7	2.0	6.7	5.7	4.3
KY-41 (JT-41)	2.7	1.7	7.3	5.3	4.3
REUNION (LS-03)	2.7	1.7	7.0	5.7	4.3
RNP	2.3	1.3	8.0	5.3	4.3
WOLFPACK II (PST-5WMB)	2.0	1.7	6.7	6.7	4.3
JAMBOREE (IS-TF-128)	2.3	1.7	6.0	6.7	4.2
MONET (LTP-610 CL)	2.7	1.3	7.0	5.7	4.2
RHAMBLER SRP (RHAMBLER)	2.3	1.3	6.3	6.7	4.2
SR 8650 (STR-8LMM)	2.7	2.0	5.7	6.3	4.2
06-WALK	2.3	1.3	7.3	5.3	4.1
CATALYST (NA-BT-1)	2.3	1.7	6.0	6.3	4.1
ESSENTIAL (IS-TF-154)	3.0	1.3	6.0	6.0	4.1
AST9002 (AST-2)	2.7	1.3	6.0	6.0	4.0
BLADERUNNER 2 (PSG-85QR)	3.3	1.0	5.3	6.3	4.0
FALCON IV	3.0	1.0	6.0	6.0	4.0
FALCON V (ATM)	2.7	1.0	5.7	6.7	4.0
HEMI	2.7	1.7	5.0	6.7	4.0
HUDSON (DKS)	2.0	1.7	6.7	5.7	4.0
MUSTANG 4 (M4)	2.7	1.3	5.7	6.3	4.0
NINJA 3 (ATF 1247)	2.0	1.7	6.3	6.0	4.0
RENOVATE (LS-11)	2.0	1.7	6.7	5.7	4.0
SHENANDOAH ELITE (RK 6)	2.3	2.0	5.0	6.7	4.0
COMPETE (LS-06)	2.0	1.7	5.7	6.3	3.9
FIRENZA	2.0	1.7	6.3	5.7	3.9
GAZELLE II (PST-5HP)	2.3	1.3	5.7	6.3	3.9
SPEEDWAY (STR-8BPDX)	2.0	1.7	5.3	6.7	3.9
STR-8BB5	2.0	1.3	5.7	6.7	3.9
TAHOE II	3.3	1.3	5.0	6.0	3.9
TITAN RX (PSG-TTST)	2.3	1.3	6.0	6.0	3.9
XTREMEGREEN (BGR-TF2)	2.0	1.0	6.7	6.0	3.9
TITANIUM LS (MVS-BB-1)	2.7	1.7	5.3	6.0	3.9
TRAVERSE SRP (RK-1)	2.7	1.0	6.0	6.0	3.9
TOCCOA (IS-TF-151)	3.5	1.3	5.3	5.3	3.9

TABLE 25. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	CA3	MO1	NJ1	VA1	MEAN
COL-1	2.0	1.7	6.0	5.7	3.8
CORONA (COL-M)	2.3	2.0	5.3	5.7	3.8
SKYLINE	3.3	1.7	4.7	5.7	3.8
FAITH (K06-WA)	2.7	1.0	5.3	6.3	3.8
HUNTER	2.7	1.7	5.7	5.3	3.8
SILVERADO	1.7	1.7	6.3	5.7	3.8
STETSON II (NA-SS)	2.7	1.3	5.3	6.0	3.8
VAN GOGH (LTP-RK2)	2.3	1.7	5.0	6.3	3.8
AST1001 (AST-4)	2.3	1.3	6.3	5.0	3.8
AST7003	3.0	1.0	5.7	5.3	3.8
AST9001 (AST-3)	2.3	2.0	5.3	5.3	3.8
COCHISE IV (RKCL)	2.3	1.0	5.3	6.3	3.8
EINSTEIN	2.7	1.3	5.3	5.7	3.8
ESCALADE	2.3	1.3	5.3	6.0	3.8
FAT CAT (IS-TF-161)	3.7	1.0	4.0	6.3	3.8
FINELAWN XPRESS (RP 2)	2.7	2.0	3.7	6.7	3.8
FIRECRACKER LS (MVS-MST)	3.0	1.0	4.7	6.3	3.8
GARRISON (IS-TF-153)	2.3	1.7	5.7	5.3	3.8
GE-1	2.7	1.3	5.0	6.0	3.8
MAGELLAN	2.3	1.3	5.3	6.0	3.8
MVS-341	2.3	1.7	5.0	6.0	3.8
PEDIGREE (ATF-1199)	2.7	2.0	4.7	5.7	3.8
SIDEWINDER (IS-TF-138)	2.7	1.7	4.7	6.0	3.8
TANZANIA (IS-TF-159)	2.7	1.0	5.3	6.0	3.8
TITAN ULTRA (PSG-TTRH)	2.3	1.3	5.7	5.7	3.8
TURBO RZ (BURL-TF8)	2.7	1.7	4.7	6.0	3.8
VENTURE (J-140)	3.0	1.3	4.7	6.0	3.8
O6-DUST	2.3	2.0	4.7	5.7	3.7
JUSTICE	2.3	1.7	5.0	5.7	3.7
LS 1010 (ATF 1328)	3.3	1.3	4.3	5.7	3.7
REBEL IV	3.0	1.0	5.0	5.7	3.7
SUNSET GOLD (KZ-2)	2.3	2.0	4.7	5.7	3.7
HONKY TONK (RAD-TF17)	2.7	1.7	4.3	6.0	3.7
INTEGRITY (BGR-TF1)	2.0	1.3	5.3	6.0	3.7
TURBO	2.3	1.7	4.7	5.7	3.6
CEZANNE RZ (LTP-CRL)	2.3	1.3	4.7	6.0	3.6
AST9003 (AST-1)	2.3	1.7	4.3	6.0	3.6
BAR FA 6253	3.0	1.0	3.7	6.7	3.6
PSG-82BR	2.7	1.3	4.3	6.0	3.6
RAPTOR II (MVS-TF-158)	2.3	1.7	4.0	6.3	3.6
SPYDER LS (Z-2000)	2.7	2.0	2.7	7.0	3.6
STR-8GRQR	2.0	1.0	5.3	6.0	3.6

TABLE 25. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	CA3	MO1	NJ1	VA1	MEAN
TALLADEGA (RP 3)	2.3	1.7	4.0	6.3	3.6
O312	3.3	2.0	3.7	5.0	3.5
BILTMORE	2.3	1.3	5.3	5.0	3.5
JT-36	2.3	1.7	6.0	4.0	3.5
MVS-1107	2.7	1.7	4.0	5.7	3.5
RK 4	2.0	1.3	4.7	6.0	3.5
SHENANDOAH III (SH 3)	2.7	1.7	3.3	6.3	3.5
BRAVEHEART (DP 50-9407)	2.3	1.3	4.0	6.0	3.4
ROCKET (IS-TF-147)	2.3	1.7	3.3	6.3	3.4
TRIO (IS-TF-152)	2.3	1.3	3.0	7.0	3.4
BULLSEYE	1.7	1.3	4.3	6.3	3.4
CROSSFIRE 3 (COL-J)	2.7	1.7	4.0	5.3	3.4
FALCON NG (CE 1)	2.0	1.0	4.3	6.0	3.3
JT-45	2.3	1.3	4.3	5.3	3.3
BAR FA 6363	2.0	1.3	4.3	5.3	3.3
GOLD MEDALLION (KZ-1)	2.3	1.0	3.7	6.0	3.3
J-130	2.7	1.7	3.3	5.3	3.3
LS 1200 (SC-1)	2.3	1.3	3.0	6.3	3.3
UMBRELLA (DP 50-9411)	3.0	1.7	2.7	5.7	3.3
DARLINGTON (CS-TF1)	2.0	1.7	3.7	5.3	3.2
TERRIER (IS-TF-135)	2.3	1.3	3.0	6.0	3.2
PATAGONIA (GWTF)	2.7	1.3	2.7	6.0	3.2
ARISTOTLE	2.0	1.0	4.7	4.7	3.1
AST 7002	2.0	1.3	3.3	5.7	3.1
CANNAVARO (DP 50-9440)	2.0	1.3	4.7	4.3	3.1
GREENBROOKS (TG 50-9460)	2.7	1.3	3.7	4.7	3.1
PLATO	2.3	1.0	3.7	5.3	3.1
AST 7001	2.0	1.7	3.3	5.0	3.0
PADRE	1.7	1.3	4.0	5.0	3.0
JT-33	2.0	1.3	3.7	4.0	2.8
LSD VALUE	1.2	0.9	3.9	0.8	1.1
C.V. (%)	30.4	35.8	47.8	9.0	35.7

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

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

TABLE 26. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	CA3	IL1	MO1	MS1	NE1	VA1	MEAN
CATALYST (NA-BT-1)	2.0	6.7	8.7	7.7	6.0	7.0	6.3
ESSENTIAL (IS-TF-154)	2.3	6.3	8.7	7.7	6.0	7.0	6.3
STR-8BB5	2.3	7.0	8.0	7.3	6.0	7.3	6.3
SPYDER LS (Z-2000)	2.7	7.0	7.3	7.7	5.3	7.7	6.3
JT-36	3.0	7.0	8.3	7.3	5.0	6.7	6.2
RHAMBLER SRP (RHAMBLER)	2.3	7.0	8.3	8.0	5.3	6.3	6.2
GOLD MEDALLION (KZ-1)	2.3	6.3	8.7	7.3	5.3	7.3	6.2
HEMI	2.3	6.7	8.7	7.3	5.7	6.7	6.2
MUSTANG 4 (M4)	2.3	6.3	8.0	7.3	5.7	7.7	6.2
TURBO	2.3	6.3	7.7	7.3	6.0	7.7	6.2
AST9003 (AST-1)	2.0	7.0	8.7	7.0	5.0	7.3	6.2
BULLSEYE	2.0	7.0	7.7	7.0	6.0	7.3	6.2
FAITH (K06-WA)	2.7	5.7	7.7	8.0	5.7	7.3	6.2
TRAVERSE SRP (RK-1)	2.0	6.3	8.3	7.7	5.3	7.3	6.2
TULSA TIME (TULSA III)	2.3	6.3	8.0	7.3	5.7	7.3	6.2
VENTURE (J-140)	2.3	6.7	8.0	7.7	5.3	7.0	6.2
BRAVEHEART (DP 50-9407)	2.3	6.3	7.7	7.7	5.7	7.0	6.1
PATAGONIA (GWTF)	2.3	6.7	8.0	7.0	5.7	7.0	6.1
WOLFPACK II (PST-5WMB)	2.3	7.0	7.3	7.7	5.3	7.0	6.1
BAR FA 6253	2.3	6.3	8.3	7.7	5.3	6.7	6.1
CROSSFIRE 3 (COL-J)	2.3	6.7	8.0	7.3	5.3	7.0	6.1
JUSTICE	2.0	7.0	8.7	7.0	5.3	6.7	6.1
MVS-1107	3.0	6.0	8.0	7.3	5.3	7.0	6.1
PEDIGREE (ATF-1199)	2.3	6.7	8.0	7.3	5.3	7.0	6.1
FALCON V (ATM)	2.0	6.3	7.7	8.0	5.0	7.3	6.1
GAZELLE II (PST-5HP)	2.0	6.3	7.7	7.7	5.7	7.0	6.1
JAMBOREE (IS-TF-128)	2.7	6.7	7.3	7.3	5.7	6.7	6.1
JT-42	2.7	6.3	8.3	7.0	5.3	6.7	6.1
RNP	2.3	7.0	8.3	6.7	4.7	7.3	6.1
STR-8GRQR	2.3	7.0	8.0	7.0	5.3	6.7	6.1
SUNSET GOLD (KZ-2)	3.0	6.7	7.7	7.0	5.0	7.0	6.1
TAHOE II	3.3	6.3	8.3	7.0	5.0	6.3	6.1
06-DUST	2.0	6.3	7.7	7.3	6.0	7.0	6.1
PSG-82BR	2.0	6.0	8.7	7.7	5.3	6.7	6.1
REMBRANDT	3.3	6.3	8.0	7.0	5.3	6.3	6.1
REUNION (LS-03)	2.0	6.7	8.3	7.0	5.3	7.0	6.1
SHENANDOAH ELITE (RK 6)	2.0	6.0	8.7	7.3	5.0	7.3	6.1
AST 7002	2.3	6.7	8.3	7.3	4.3	7.0	6.0
BAR FA 6363	2.3	6.3	8.0	7.0	5.3	7.0	6.0
BLADERUNNER 2 (PSG-85QR)	2.3	5.7	8.0	7.3	5.7	7.0	6.0
COCHISE IV (RKCL)	2.3	6.3	7.3	7.3	5.3	7.3	6.0

TABLE 26. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	CA3	IL1	MO1	MS1	NE1	VA1	MEAN
ESCALADE	2.3	6.3	8.0	7.0	5.3	7.0	6.0
ESCALANTE (GO-1BFD)	2.7	6.7	7.3	7.3	5.3	6.7	6.0
FALCON IV	3.0	5.7	8.0	7.0	5.7	6.7	6.0
FAT CAT (IS-TF-161)	2.0	6.0	8.0	8.0	5.0	7.0	6.0
FINELAWN XPRESS (RP 2)	2.3	6.0	8.3	7.3	5.3	6.7	6.0
FIRECRACKER LS (MVS-MST)	2.3	6.3	7.3	7.7	5.0	7.3	6.0
GARRISON (IS-TF-153)	2.3	6.7	7.7	7.3	5.3	6.7	6.0
GREENBROOKS (TG 50-9460)	2.7	6.7	7.3	7.3	5.0	7.0	6.0
MONET (LTP-610 CL)	2.0	6.0	8.0	7.7	5.3	7.0	6.0
NINJA 3 (ATF 1247)	2.0	6.3	8.0	7.7	5.3	6.7	6.0
SIDEWINDER (IS-TF-138)	2.7	6.3	7.3	7.3	5.7	6.7	6.0
SPEEDWAY (STR-8BPDx)	2.0	6.0	8.3	7.3	6.0	6.3	6.0
SR 8650 (STR-8LMM)	2.0	6.7	8.0	7.0	5.3	7.0	6.0
TALLADEGA (RP 3)	2.3	6.0	7.7	7.0	5.7	7.3	6.0
0312	2.3	6.0	8.0	6.7	5.0	7.7	5.9
AST7003	2.3	5.7	8.3	7.0	5.3	7.0	5.9
CANNAVARO (DP 50-9440)	1.7	6.0	8.0	7.7	5.3	7.0	5.9
DARLINGTON (CS-TF1)	2.0	6.7	8.0	7.0	5.0	7.0	5.9
KY-41 (JT-41)	2.3	6.0	8.3	7.0	5.0	7.0	5.9
PLATO	2.7	6.3	7.7	7.0	5.0	7.0	5.9
RK 5	2.0	5.7	7.7	7.3	5.7	7.3	5.9
STETSON II (NA-SS)	2.0	6.7	7.7	7.0	5.3	7.0	5.9
TOCCOA (IS-TF-151)	2.0	6.3	7.7	7.0	5.7	7.0	5.9
AST9002 (AST-2)	2.3	6.3	7.3	7.0	5.3	7.3	5.9
COMPETE (LS-06)	2.0	6.0	8.7	7.0	5.0	7.0	5.9
FIRENZA	1.7	6.0	8.0	7.3	5.3	7.3	5.9
GE-1	2.7	5.7	7.7	7.0	5.3	7.3	5.9
HUNTER	2.3	6.3	8.0	7.0	5.0	7.0	5.9
LS 1010 (ATF 1328)	2.7	7.0	7.3	7.3	5.0	6.3	5.9
MAGELLAN	2.3	6.3	7.7	7.3	5.0	7.0	5.9
PADRE	1.7	7.0	7.7	7.3	5.3	6.7	5.9
RK 4	2.0	6.3	7.3	7.3	5.7	7.0	5.9
TITANIUM LS (MVS-BB-1)	3.0	6.3	7.0	7.3	5.0	7.0	5.9
TRIO (IS-TF-152)	2.3	6.3	7.3	7.0	5.0	7.7	5.9
TURBO RZ (BURL-TF8)	2.0	6.7	7.3	7.3	5.3	7.0	5.9
CORONA (COL-M)	2.3	6.3	7.3	7.0	5.0	7.3	5.9
EINSTEIN	3.0	6.0	7.7	7.0	5.0	6.7	5.9
FALCON NG (CE 1)	2.3	6.7	7.0	7.7	5.0	6.7	5.9
SHENANDOAH III (SH 3)	1.7	6.3	7.7	7.0	5.7	7.0	5.9
XTREMEGREEN (BGR-TF2)	2.0	6.7	7.7	7.0	5.0	7.0	5.9
AST 7001	2.3	6.3	8.0	6.7	5.0	7.0	5.9
AST1001 (AST-4)	2.0	6.3	8.0	7.0	5.0	7.0	5.9

TABLE 26. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	CA3	IL1	MO1	MS1	NE1	VA1	MEAN
HONKY TONK (RAD-TF17)	2.3	6.3	8.0	6.7	5.3	6.7	5.9
INTEGRITY (BGR-TF1)	2.0	6.7	8.3	6.3	5.0	7.0	5.9
J-130	2.3	6.7	7.3	7.0	5.0	7.0	5.9
LS 1200 (SC-1)	2.0	5.3	7.7	7.3	5.3	7.7	5.9
REBEL IV	1.7	6.7	7.7	7.0	5.3	7.0	5.9
ROCKET (IS-TF-147)	2.7	6.0	7.7	7.3	5.0	6.7	5.9
O6-WALK	2.0	6.0	8.7	7.0	5.0	6.3	5.8
AST9001 (AST-3)	2.0	5.7	8.7	6.3	5.0	7.3	5.8
CEZANNE RZ (LTP-CRL)	2.7	6.0	7.3	7.0	5.3	6.7	5.8
HUDSON (DKS)	2.0	5.7	8.3	7.0	5.3	6.7	5.8
LINDBERGH	2.7	5.7	7.7	7.0	5.0	7.0	5.8
TANZANIA (IS-TF-159)	2.3	6.3	7.0	7.3	5.0	7.0	5.8
VAN GOGH (LTP-RK2)	2.3	5.7	7.7	7.3	5.3	6.7	5.8
3RD MILLENNIUM SRP	1.7	6.0	8.0	7.0	5.0	7.0	5.8
COL-1	2.3	5.7	7.7	7.0	5.0	7.0	5.8
JT-33	2.7	6.3	7.0	6.7	5.0	7.0	5.8
JT-45	2.3	7.0	7.0	6.7	5.0	6.7	5.8
RENDITION RX (PSG-RNDR)	1.7	6.7	7.3	7.0	5.0	7.0	5.8
RENOVATE (LS-11)	2.0	5.7	7.3	7.3	5.3	7.0	5.8
TITAN RX (PSG-TTST)	2.3	5.7	8.0	7.3	5.0	6.3	5.8
TITAN ULTRA (PSG-TTRH)	2.0	6.3	7.3	7.3	5.0	6.7	5.8
BILTMORE	2.0	6.0	7.7	7.0	5.3	6.3	5.7
SKYLINE	2.7	5.7	7.0	7.0	5.0	7.0	5.7
UMBRELLA (DP 50-9411)	2.0	5.7	7.7	7.3	5.0	6.7	5.7
TERRIER (IS-TF-135)	2.0	5.7	7.3	7.3	5.0	7.0	5.7
ARISTOTLE	2.3	7.0	7.7	6.3	5.0	5.7	5.7
MVS-341	2.3	6.7	7.7	6.3	4.7	6.3	5.7
RAPTOR II (MVS-TF-158)	2.0	5.7	7.3	7.0	5.0	6.7	5.6
SILVERADO	2.0	5.3	7.0	6.0	5.0	6.0	5.2
KY-31	3.0	3.0	9.0	6.0	4.0	4.0	4.8
LSD VALUE	1.1	0.9	1.2	0.7	0.8	0.9	0.4
C.V. (%)	28.8	9.3	9.6	6.5	9.5	8.1	10.0

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 27.

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	KY1	NJ1	VA4	MEAN	NAME	KY1	NJ1	VA4	MEAN
TALLADEGA (RP 3)	7.0	7.3	8.3	7.6	STR-8GRQR	6.3	6.7	6.3	6.4
RK 5	7.0	7.0	8.3	7.4	06-DUST	6.3	6.7	6.0	6.3
FIRENZA	7.0	8.0	7.3	7.4	BILTMORE	7.0	6.7	5.3	6.3
TITANIUM LS (MVS-BB-1)	7.0	7.3	8.0	7.4	CEZANNE RZ (LTP-CRL)	5.0	6.7	7.3	6.3
WOLFPACK II (PST-5WMB)	7.3	7.3	7.7	7.4	COL-1	6.0	6.7	6.3	6.3
3RD MILLENNIUM SRP	6.3	8.0	7.7	7.3	FAT CAT (IS-TF-161)	6.7	5.3	7.0	6.3
MUSTANG 4 (M4)	6.3	7.0	8.3	7.2	HONKY TONK (RAD-TF17)	7.0	5.0	7.0	6.3
KY-41 (JT-41)	7.7	7.0	6.7	7.1	PADRE	6.7	5.7	6.7	6.3
COCHISE IV (RKCL)	7.3	6.7	7.3	7.1	RAPTOR II (MVS-TF-158)	6.7	5.3	7.0	6.3
06-WALK	6.3	7.3	7.3	7.0	RK 4	6.0	4.3	8.7	6.3
FAITH (K06-WA)	6.7	7.7	6.7	7.0	ROCKET (IS-TF-147)	5.3	6.3	7.3	6.3
TRAVERSE SRP (RK-1)	6.0	7.0	8.0	7.0	SR 8650 (STR-8LMM)	7.3	6.0	5.7	6.3
FALCON IV	7.3	6.7	6.7	6.9	TURBO RZ (BURL-TF8)	7.0	6.3	5.7	6.3
HEMI	7.0	6.7	7.0	6.9	VAN GOGH (LTP-RK2)	6.0	7.3	5.7	6.3
TANZANIA (IS-TF-159)	5.7	7.7	7.3	6.9	VENTURE (J-140)	8.0	4.7	6.3	6.3
REUNION (LS-03)	7.3	6.3	7.0	6.9	REBEL IV	7.0	4.7	7.0	6.2
JAMBOREE (IS-TF-128)	6.3	8.3	5.7	6.8	SKYLINE	5.7	6.7	6.3	6.2
MONET (LTP-610 CL)	5.0	8.3	7.0	6.8	STETSON II (NA-SS)	7.0	5.7	6.0	6.2
FIRECRACKER LS (MVS-MST)	7.3	5.3	7.7	6.8	BRAVEHEART (DP 50-9407)	6.3	6.0	6.3	6.2
GARRISON (IS-TF-153)	6.3	7.3	6.7	6.8	JUSTICE	6.7	4.0	7.7	6.1
LINDBERGH	6.7	7.3	6.3	6.8	BAR FA 6253	6.0	6.0	6.3	6.1
AST1001 (AST-4)	7.0	6.7	6.3	6.7	NINJA 3 (ATF 1247)	7.0	6.0	5.3	6.1
BULLSEYE	6.0	6.0	8.0	6.7	REMBRANDT	7.3	5.7	5.3	6.1
CATALYST (NA-BT-1)	6.7	6.7	6.7	6.7	RHAMBLER SRP (RHAMBLER)	4.3	8.0	6.0	6.1
GAZELLE II (PST-5HP)	6.7	7.0	6.3	6.7	TAHOE II	5.3	6.3	6.7	6.1
SHENANDOAH ELITE (RK 6)	6.0	7.7	6.3	6.7	ARISTOTLE	7.3	5.3	5.3	6.0
TITAN RX (PSG-TTST)	7.0	6.7	6.3	6.7	CANNAVARO (DP 50-9440)	5.3	6.0	6.7	6.0
BLADERUNNER 2 (PSG-85QR)	7.0	5.7	7.0	6.6	JT-42	5.3	6.3	6.3	6.0
FALCON V (ATM)	6.3	7.7	5.7	6.6	MVS-1107	6.0	6.0	6.0	6.0
GE-1	7.0	7.0	5.7	6.6	TRIO (IS-TF-152)	6.3	4.0	7.7	6.0
HUDSON (DKS)	6.3	6.7	6.7	6.6	TURBO	6.0	4.7	7.3	6.0
KY-31	7.0	5.7	7.0	6.6	AST9001 (AST-3)	5.3	5.7	6.7	5.9
SHENANDOAH III (SH 3)	7.0	5.7	7.0	6.6	ESCALANTE (GO-1BFD)	6.0	6.0	5.7	5.9
SILVERADO	7.0	6.7	6.0	6.6	FALCON NG (CE 1)	6.7	5.3	5.7	5.9
STR-8BB5	6.7	5.7	7.3	6.6	INTEGRITY (BGR-TF1)	6.7	5.3	5.7	5.9
TITAN ULTRA (PSG-TTRH)	7.7	5.0	7.0	6.6	J-130	6.7	3.0	8.0	5.9
PATAGONIA (GWTF)	7.3	5.0	7.3	6.6	RENDITION RX (PSG-RNDR)	6.0	6.7	5.0	5.9
SIDEWINDER (IS-TF-138)	4.3	7.3	8.0	6.6	TOCCOA (IS-TF-151)	6.3	5.0	6.3	5.9
TULSA TIME (TULSA III)	4.7	7.0	7.7	6.4	CORONA (COL-M)	5.7	6.0	5.7	5.8
AST9002 (AST-2)	6.3	6.3	6.7	6.4	FINELAWN XPRESS (RP 2)	6.7	5.0	5.7	5.8
PEDIGREE (ATF-1199)	8.0	4.3	7.0	6.4	XTREMEGREEN (BGR-TF2)	4.7	6.7	6.0	5.8
					HUNTER	7.0	5.0	5.3	5.8

TABLE 27. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	KY1	NJ1	VA4	MEAN
MAGELLAN	5.3	5.7	6.3	5.8
RENOVATE (LS-11)	5.3	5.3	6.7	5.8
DARLINGTON (CS-TF1)	5.3	5.0	6.7	5.7
EINSTEIN	6.0	5.7	5.3	5.7
ESCALADE	6.3	4.7	6.0	5.7
ESSENTIAL (IS-TF-154)	5.3	6.0	5.7	5.7
GREENBROOKS (TG 50-9460)	6.3	5.3	5.3	5.7
AST 7001	5.3	3.7	7.7	5.6
AST 7002	7.0	3.3	6.3	5.6
AST7003	7.7	3.3	5.7	5.6
JT-33	5.0	4.7	7.0	5.6
RNP	5.0	7.0	4.7	5.6
JT-36	4.3	6.3	6.0	5.6
MVS-341	4.7	5.0	6.7	5.4
TERRIER (IS-TF-135)	5.7	5.0	5.7	5.4
AST9003 (AST-1)	6.7	3.3	6.3	5.4
COMPETE (LS-06)	5.3	6.0	5.0	5.4
SPEEDWAY (STR-8BPDx)	6.0	3.7	6.7	5.4
SPYDER LS (Z-2000)	6.3	3.7	6.3	5.4
CROSSFIRE 3 (COL-J)	6.0	4.0	6.0	5.3
UMBRELLA (DP 50-9411)	5.3	4.3	6.3	5.3
BAR FA 6363	6.0	4.0	5.7	5.2
LS 1200 (SC-1)	6.3	3.0	6.3	5.2
SUNSET GOLD (KZ-2)	5.3	5.0	5.3	5.2
0312	5.7	3.0	6.7	5.1
PSG-82BR	5.0	3.3	7.0	5.1
JT-45	6.3	3.0	6.0	5.1
GOLD MEDALLION (KZ-1)	3.0	5.3	6.0	4.8
LS 1010 (ATF 1328)	4.7	3.7	6.0	4.8
PLATO	5.7	4.7	4.0	4.8
LSD VALUE	2.5	3.0	1.6	1.4
C.V. (%)	24.5	32.4	14.9	24.4

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 28. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	GA1	NAME	GA1
TERRIER (IS-TF-135)	5.5	BAR FA 6253	4.5
BLADERUNNER 2 (PSG-85QR)	5.3	FAT CAT (IS-TF-161)	4.5
HEMI	5.3	GREENBROOKS (TG 50-9460)	4.5
BAR FA 6363	5.0	INTEGRITY (BGR-TF1)	4.5
ESCALANTE (GO-1BFD)	5.0	J-130	4.5
FINELAWN XPRESS (RP 2)	5.0	NINJA 3 (ATF 1247)	4.5
GE-1	5.0	SHENANDOAH ELITE (RK 6)	4.5
LINDBERGH	5.0	TRIO (IS-TF-152)	4.5
LS 1010 (ATF 1328)	5.0	VAN GOGH (LTP-RK2)	4.5
LS 1200 (SC-1)	5.0	AST9003 (AST-1)	4.3
MAGELLAN	5.0	CATALYST (NA-BT-1)	4.3
MONET (LTP-610 CL)	5.0	CORONA (COL-M)	4.3
RAPTOR II (MVS-TF-158)	5.0	ESSENTIAL (IS-TF-154)	4.3
RHAMBLER SRP (RHAMBLER)	5.0	FALCON NG (CE 1)	4.3
RK 4	5.0	GOLD MEDALLION (KZ-1)	4.3
SKYLINE	5.0	JT-45	4.3
SPEEDWAY (STR-8BPDx)	5.0	JUSTICE	4.3
STETSON II (NA-SS)	5.0	KY-41 (JT-41)	4.3
STR-8GRQR	5.0	PATAGONIA (GWTF)	4.3
TITANIUM LS (MVS-BB-1)	5.0	PSG-82BR	4.3
TRAVERSE SRP (RK-1)	5.0	RK 5	4.3
WOLFPACK II (PST-5WMB)	5.0	TAHOE II	4.3
AST9002 (AST-2)	4.7	TULSA TIME (TULSA III)	4.3
BRAVEHEART (DP 50-9407)	4.7	TURBO	4.3
BULLSEYE	4.7	TURBO RZ (BURL-TF8)	4.3
CEZANNE RZ (LTP-CRL)	4.7	0312	4.0
DARLINGTON (CS-TF1)	4.7	06-DUST	4.0
FAITH (K06-WA)	4.7	3RD MILLENNIUM SRP	4.0
FALCON IV	4.7	ARISTOTLE	4.0
FALCON V (ATM)	4.7	AST1001 (AST-4)	4.0
FIRECRACKER LS (MVS-MST)	4.7	AST7003	4.0
FIRENZA	4.7	AST9001 (AST-3)	4.0
GARRISON (IS-TF-153)	4.7	BILTMORE	4.0
MUSTANG 4 (M4)	4.7	CANNAVARO (DP 50-9440)	4.0
MVS-341	4.7	COCHISE IV (RKCL)	4.0
RENDITION RX (PSG-RNDR)	4.7	COMPETE (LS-06)	4.0
ROCKET (IS-TF-147)	4.7	ESCALADE	4.0
SIDEWINDER (IS-TF-138)	4.7	GAZELLE II (PST-5HP)	4.0
SUNSET GOLD (KZ-2)	4.7	HONKY TONK (RAD-TF17)	4.0
TALLADEGA (RP 3)	4.7	HUDSON (DKS)	4.0
VENTURE (J-140)	4.7	HUNTER	4.0
		JAMBOREE (IS-TF-128)	4.0

TABLE 28. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1
JT-36	4.0
JT-42	4.0
MVS-1107	4.0
PADRE	4.0
PEDIGREE (ATF-1199)	4.0
REBEL IV	4.0
REMBRANDT	4.0
RENOVATE (LS-11)	4.0
SHENANDOAH III (SH 3)	4.0
SPYDER LS (Z-2000)	4.0
SR 8650 (STR-8LMM)	4.0
STR-8BB5	4.0
TANZANIA (IS-TF-159)	4.0
XTREMEGREEN (BGR-TF2)	4.0
AST 7001	3.7
COL-1	3.7
CROSSFIRE 3 (COL-J)	3.7
KY-31	3.7
REUNION (LS-03)	3.7
TITAN RX (PSG-TTST)	3.7
UMBRELLA (DP 50-9411)	3.7
AST 7002	3.5
PLATO	3.5
RNP	3.5
EINSTEIN	3.3
JT-33	3.3
SILVERADO	3.3
TITAN ULTRA (PSG-TTRH)	3.3
TOCCOA (IS-TF-151)	3.0
06-WALK	2.7
LSD VALUE	1.3
C.V. (%)	16.4

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 29. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	GA1	NAME	GA1
AST9001 (AST-3)	6.0	CATALYST (NA-BT-1)	5.3
BRAVEHEART (DP 50-9407)	6.0	FALCON NG (CE 1)	5.3
CEZANNE RZ (LTP-CRL)	6.0	GOLD MEDALLION (KZ-1)	5.3
FIRENZA	6.0	HEMI	5.3
GREENBROOKS (TG 50-9460)	6.0	HONKY TONK (RAD-TF17)	5.3
LS 1200 (SC-1)	6.0	HUNTER	5.3
MONET (LTP-610 CL)	6.0	JT-42	5.3
RK 4	6.0	JT-45	5.3
SKYLINE	6.0	MUSTANG 4 (M4)	5.3
TAHOE II	6.0	PSG-82BR	5.3
AST1001 (AST-4)	5.7	RAPTOR II (MVS-TF-158)	5.3
AST9002 (AST-2)	5.7	RENDITION RX (PSG-RNDR)	5.3
BLADERUNNER 2 (PSG-85QR)	5.7	RHAMBLER SRP (RHAMBLER)	5.3
BULLSEYE	5.7	SR 8650 (STR-8LMM)	5.3
CORONA (COL-M)	5.7	SUNSET GOLD (KZ-2)	5.3
DARLINGTON (CS-TF1)	5.7	TANZANIA (IS-TF-159)	5.3
FALCON V (ATM)	5.7	TITANIUM LS (MVS-BB-1)	5.3
FINELAWN XPRESS (RP 2)	5.7	VENTURE (J-140)	5.3
GARRISON (IS-TF-153)	5.7	XTREMEGREEN (BGR-TF2)	5.3
GE-1	5.7	0312	5.0
LS 1010 (ATF 1328)	5.7	06-DUST	5.0
MAGELLAN	5.7	AST7003	5.0
MVS-1107	5.7	AST9003 (AST-1)	5.0
MVS-341	5.7	BAR FA 6253	5.0
PATAGONIA (GWTF)	5.7	CANNAVARO (DP 50-9440)	5.0
RENOVATE (LS-11)	5.7	COCHISE IV (RKCL)	5.0
SPEEDWAY (STR-8BPD)	5.7	EINSTEIN	5.0
STETSON II (NA-SS)	5.7	ESCALADE	5.0
STR-8GRQR	5.7	ESCALANTE (GO-1BFD)	5.0
TRAVERSE SRP (RK-1)	5.7	ESSENTIAL (IS-TF-154)	5.0
3RD MILLENNIUM SRP	5.5	FAITH (K06-WA)	5.0
AST 7002	5.5	FALCON IV	5.0
BAR FA 6363	5.5	FAT CAT (IS-TF-161)	5.0
INTEGRITY (BGR-TF1)	5.5	FIRECRACKER LS (MVS-MST)	5.0
JT-36	5.5	GAZELLE II (PST-5HP)	5.0
REBEL IV	5.5	HUDSON (DKS)	5.0
RNP	5.5	JUSTICE	5.0
SHENANDOAH ELITE (RK 6)	5.5	KY-41 (JT-41)	5.0
STR-8BB5	5.5	LINDBERGH	5.0
TERRIER (IS-TF-135)	5.5	NINJA 3 (ATF 1247)	5.0
AST 7001	5.3	RK 5	5.0
		ROCKET (IS-TF-147)	5.0

TABLE 29. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1
SHENANDOAH III (SH 3)	5.0
SIDEWINDER (IS-TF-138)	5.0
SPYDER LS (Z-2000)	5.0
TALLADEGA (RP 3)	5.0
TITAN RX (PSG-TTST)	5.0
TITAN ULTRA (PSG-TTRH)	5.0
TOCCOA (IS-TF-151)	5.0
TRIO (IS-TF-152)	5.0
TULSA TIME (TULSA III)	5.0
WOLFPACK II (PST-5WMB)	5.0
ARISTOTLE	4.7
CROSSFIRE 3 (COL-J)	4.7
PADRE	4.7
PEDIGREE (ATF-1199)	4.7
REMBRANDT	4.7
REUNION (LS-03)	4.7
TURBO	4.7
UMBRELLA (DP 50-9411)	4.7
COMPETE (LS-06)	4.5
J-130	4.5
PLATO	4.5
VAN GOGH (LTP-RK2)	4.5
TURBO RZ (BURL-TF8)	4.3
06-WALK	4.0
BILTMORE	4.0
COL-1	4.0
JAMBOREE (IS-TF-128)	4.0
JT-33	4.0
KY-31	4.0
SILVERADO	4.0
LSD VALUE	1.2
C.V. (%)	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 30.

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	GA1	IL1	NE1	MEAN	NAME	GA1	IL1	NE1	MEAN
AST 7001	6.0	6.0	5.3	5.8	GE-1	5.3	5.0	5.3	5.2
MUSTANG 4 (M4)	5.7	5.3	6.0	5.7	HONKY TONK (RAD-TF17)	5.0	5.3	5.3	5.2
SPEEDWAY (STR-8BPDx)	5.7	5.7	5.7	5.7	BAR FA 6363	5.5	5.0	5.0	5.2
STR-8GRQR	5.7	6.0	5.3	5.7	GREENBROOKS (TG 50-9460)	5.5	5.0	5.0	5.2
MONET (LTP-610 CL)	6.5	4.7	5.7	5.6	SUNSET GOLD (KZ-2)	5.7	5.0	4.7	5.1
LS 1200 (SC-1)	6.0	4.7	6.0	5.6	TITANIUM LS (MVS-BB-1)	5.0	5.7	4.7	5.1
RK 4	5.3	5.7	5.7	5.6	AST9002 (AST-2)	5.0	5.3	5.0	5.1
SKYLINE	6.0	5.7	5.0	5.6	BLADERUNNER 2 (PSG-85QR)	5.3	4.7	5.3	5.1
FINELAWN XPRESS (RP 2)	5.3	6.0	5.3	5.6	CEZANNE RZ (LTP-CRL)	6.0	4.3	5.0	5.1
SHENANDOAH III (SH 3)	5.5	6.0	5.0	5.5	CORONA (COL-M)	5.3	5.7	4.3	5.1
BRAVEHEART (DP 50-9407)	5.7	5.3	5.3	5.4	FALCON IV	5.3	5.0	5.0	5.1
FIRENZA	6.0	5.3	5.0	5.4	FALCON V (ATM)	5.3	5.0	5.0	5.1
HEMI	5.3	5.3	5.7	5.4	GARRISON (IS-TF-153)	6.0	5.0	4.3	5.1
MVS-1107	5.3	5.7	5.3	5.4	JT-45	5.0	5.0	5.3	5.1
RK 5	5.3	5.0	6.0	5.4	NINJA 3 (ATF 1247)	5.3	5.0	5.0	5.1
TRAVERSE SRP (RK-1)	5.3	5.7	5.3	5.4	PADRE	5.3	5.3	4.7	5.1
FAITH (K06-WA)	5.5	5.0	5.7	5.4	PEDIGREE (ATF-1199)	5.0	5.3	5.0	5.1
3RD MILLENNIUM SRP	5.5	5.3	5.3	5.4	REBEL IV	5.3	4.7	5.3	5.1
ESSENTIAL (IS-TF-154)	5.7	5.0	5.3	5.3	RENDITION RX (PSG-RNDR)	5.3	5.3	4.7	5.1
MVS-341	5.7	6.0	4.3	5.3	RENOVATE (LS-11)	5.3	5.7	4.3	5.1
RAPTOR II (MVS-TF-158)	5.7	5.3	5.0	5.3	SR 8650 (STR-8LMM)	5.0	5.3	5.0	5.1
RHAMBLER SRP (RHAMBLER)	5.3	5.0	5.7	5.3	TAHOE II	5.7	5.3	4.3	5.1
VAN GOGH (LTP-RK2)	5.0	5.7	5.3	5.3	FAT CAT (IS-TF-161)	5.5	5.0	4.7	5.1
INTEGRITY (BGR-TF1)	5.5	5.7	4.7	5.3	06-DUST	5.3	4.3	5.3	5.0
ESCALANTE (GO-1BFD)	5.5	5.3	5.0	5.3	CANNAVARO (DP 50-9440)	5.0	5.3	4.7	5.0
FIRECRACKER LS (MVS-MST)	5.5	5.0	5.3	5.3	EINSTEIN	5.0	5.0	5.0	5.0
JAMBOREE (IS-TF-128)	4.5	5.3	6.0	5.3	ESCALADE	5.0	5.0	5.0	5.0
SHENANDOAH ELITE (RK 6)	5.5	5.3	5.0	5.3	GAZELLE II (PST-5HP)	5.3	4.7	5.0	5.0
WOLFPACK II (PST-5WMB)	5.5	5.0	5.3	5.3	HUDSON (DKS)	5.0	5.0	5.0	5.0
BAR FA 6253	5.0	6.0	4.7	5.2	HUNTER	5.7	5.0	4.3	5.0
BILTMORE	6.0	5.0	4.7	5.2	J-130	5.0	5.3	4.7	5.0
BULLSEYE	5.7	5.0	5.0	5.2	JT-42	5.3	4.7	5.0	5.0
COCHISE IV (RKCL)	5.0	5.7	5.0	5.2	JUSTICE	4.7	5.0	5.3	5.0
FALCON NG (CE 1)	5.3	5.3	5.0	5.2	PATAGONIA (GWTF)	5.3	4.3	5.3	5.0
GOLD MEDALLION (KZ-1)	5.3	5.7	4.7	5.2	SIDEWINDER (IS-TF-138)	4.7	5.0	5.3	5.0
PSG-82BR	5.0	5.7	5.0	5.2	TALLADEGA (RP 3)	5.0	5.0	5.0	5.0
REMBRANDT	4.7	6.0	5.0	5.2	TERRIER (IS-TF-135)	5.0	5.0	5.0	5.0
STR-8BB5	5.0	5.0	5.7	5.2	TRIO (IS-TF-152)	5.0	5.0	5.0	5.0
TANZANIA (IS-TF-159)	5.7	5.0	5.0	5.2	TULSA TIME (TULSA III)	5.0	5.0	5.0	5.0
VENTURE (J-140)	5.3	5.7	4.7	5.2	XTREMEGREEN (BGR-TF2)	5.3	5.3	4.3	5.0
CATALYST (NA-BT-1)	5.0	5.3	5.3	5.2	0312	5.5	4.7	4.7	4.9
					UMBRELLA (DP 50-9411)	4.5	5.3	5.0	4.9

TABLE 30. FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1	IL1	NE1	MEAN
O6-WALK	5.0	5.0	4.7	4.9
ARISTOTLE	5.0	5.7	4.0	4.9
AST 7002	5.0	5.0	4.7	4.9
AST9003 (AST-1)	5.0	5.7	4.0	4.9
LS 1010 (ATF 1328)	5.7	4.7	4.3	4.9
TITAN ULTRA (PSG-TTRH)	4.7	5.3	4.7	4.9
TURBO	5.0	4.7	5.0	4.9
PLATO	5.0	5.3	4.3	4.9
COL-1	4.5	5.3	4.7	4.8
DARLINGTON (CS-TF1)	5.7	4.0	4.7	4.8
KY-41 (JT-41)	4.7	5.0	4.7	4.8
TITAN RX (PSG-TTST)	5.0	4.7	4.7	4.8
AST9001 (AST-3)	5.0	5.0	4.3	4.8
JT-33	4.0	5.0	5.3	4.8
JT-36	5.0	5.0	4.3	4.8
LINDBERGH	5.0	5.0	4.3	4.8
MAGELLAN	6.0	4.3	4.0	4.8
REUNION (LS-03)	4.3	5.3	4.7	4.8
ROCKET (IS-TF-147)	4.3	5.0	5.0	4.8
STETSON II (NA-SS)	5.7	4.3	4.3	4.8
TURBO RZ (BURL-TF8)	4.7	5.3	4.3	4.8
COMPETE (LS-06)	5.0	4.0	5.0	4.7
RNP	5.0	4.7	4.3	4.7
TOCCOA (IS-TF-151)	4.0	5.0	5.0	4.7
SPYDER LS (Z-2000)	4.0	4.7	5.0	4.6
CROSSFIRE 3 (COL-J)	5.0	4.3	4.3	4.6
AST1001 (AST-4)	5.3	4.0	4.0	4.4
AST7003	5.0	4.3	4.0	4.4
SILVERADO	4.0	5.0	4.3	4.4
KY-31	4.0	2.7	4.0	3.6
LSD VALUE	1.2	1.2	0.9	0.6
C.V. (%)	12.8	14.1	11.2	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 31.

FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	GA1	KS2	MEAN	NAME	GA1	KS2	MEAN
FALCON V (ATM)	5.3	7.3	6.3	3RD MILLENNIUM SRP	5.0	5.7	5.3
INTEGRITY (BGR-TF1)	5.5	7.0	6.3	AST 7002	5.0	5.7	5.3
BRAVEHEART (DP 50-9407)	5.7	6.3	6.0	CATALYST (NA-BT-1)	5.0	5.7	5.3
GE-1	5.0	7.0	6.0	HUNTER	5.7	5.0	5.3
LS 1200 (SC-1)	6.0	6.0	6.0	J-130	5.0	5.7	5.3
SKYLINE	5.3	6.7	6.0	JT-42	5.0	5.7	5.3
TRAVERSE SRP (RK-1)	5.0	7.0	6.0	MVS-1107	5.0	5.7	5.3
MONET (LTP-610 CL)	5.5	6.3	5.9	NINJA 3 (ATF 1247)	5.0	5.7	5.3
CEZANNE RZ (LTP-CRL)	5.0	6.7	5.8	STR-8BB5	5.0	5.7	5.3
FALCON IV	5.0	6.7	5.8	VAN GOGH (LTP-RK2)	5.0	5.7	5.3
FIRENZA	6.0	5.7	5.8	BULLSEYE	5.3	5.3	5.3
RK 5	5.0	6.7	5.8	FINELAWN XPRESS (RP 2)	5.3	5.3	5.3
SPEEDWAY (STR-8BPDx)	4.7	7.0	5.8	KY-41 (JT-41)	4.3	6.3	5.3
STETSON II (NA-SS)	5.7	6.0	5.8	MUSTANG 4 (M4)	5.3	5.3	5.3
SIDEWINDER (IS-TF-138)	4.7	6.7	5.7	RAPTOR II (MVS-TF-158)	5.3	5.3	5.3
AST 7001	5.3	6.0	5.7	RK 4	5.3	5.3	5.3
AST1001 (AST-4)	5.3	6.0	5.7	BAR FA 6363	5.5	5.0	5.3
FAITH (K06-WA)	5.0	6.3	5.7	GREENBROOKS (TG 50-9460)	5.5	5.0	5.3
GARRISON (IS-TF-153)	5.3	6.0	5.7	STR-8GRQR	5.5	5.0	5.3
RENOVATE (LS-11)	5.0	6.3	5.7	WOLFPACK II (PST-5WMB)	5.5	5.0	5.3
RHAMBLER SRP (RHAMBLER)	5.0	6.3	5.7	BLADERUNNER 2 (PSG-85QR)	4.7	5.7	5.2
UMBRELLA (DP 50-9411)	5.0	6.3	5.7	TALLADEGA (RP 3)	4.7	5.7	5.2
RNP	4.5	6.7	5.6	TITANIUM LS (MVS-BB-1)	4.7	5.7	5.2
AST9002 (AST-2)	5.0	6.0	5.5	06-DUST	4.3	6.0	5.2
BILTMORE	6.0	5.0	5.5	COCHISE IV (RKCL)	5.0	5.3	5.2
DARLINGTON (CS-TF1)	5.3	5.7	5.5	ESCALANTE (GO-1BFD)	5.0	5.3	5.2
FALCON NG (CE 1)	4.7	6.3	5.5	FAT CAT (IS-TF-161)	5.0	5.3	5.2
GOLD MEDALLION (KZ-1)	5.0	6.0	5.5	HUDSON (DKS)	5.0	5.3	5.2
HEMI	5.3	5.7	5.5	LINDBERGH	5.0	5.3	5.2
MVS-341	5.0	6.0	5.5	PLATO	5.0	5.3	5.2
PADRE	4.7	6.3	5.5	SR 8650 (STR-8LMM)	5.3	5.0	5.2
PATAGONIA (GWTF)	4.7	6.3	5.5	TAHOE II	5.3	5.0	5.2
SHENANDOAH III (SH 3)	5.0	6.0	5.5	VENTURE (J-140)	5.0	5.3	5.2
SUNSET GOLD (KZ-2)	5.7	5.3	5.5	BAR FA 6253	4.5	5.7	5.1
TANZANIA (IS-TF-159)	4.7	6.3	5.5	JAMBOREE (IS-TF-128)	4.5	5.7	5.1
TULSA TIME (TULSA III)	5.0	6.0	5.5	JT-36	4.5	5.7	5.1
CANNAVARO (DP 50-9440)	4.5	6.3	5.4	0312	5.0	5.0	5.0
MAGELLAN	5.5	5.3	5.4	HONKY TONK (RAD-TF17)	4.7	5.3	5.0
SHENANDOAH ELITE (RK 6)	5.5	5.3	5.4	PSG-82BR	5.0	5.0	5.0
TRIO (IS-TF-152)	4.5	6.3	5.4	REBEL IV	5.0	5.0	5.0
06-WALK	4.0	6.7	5.3	ROCKET (IS-TF-147)	4.3	5.7	5.0
				TERRIER (IS-TF-135)	5.3	4.7	5.0

TABLE 31. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	GA1	KS2	MEAN
TITAN ULTRA (PSG-TTRH)	4.7	5.3	5.0
TOCCOA (IS-TF-151)	5.0	5.0	5.0
TURBO	4.7	5.3	5.0
EINSTEIN	4.5	5.3	4.9
ESCALADE	4.5	5.3	4.9
GAZELLE II (PST-5HP)	4.5	5.3	4.9
JT-45	4.5	5.3	4.9
AST9001 (AST-3)	5.0	4.7	4.8
AST9003 (AST-1)	5.0	4.7	4.8
CORONA (COL-M)	5.0	4.7	4.8
CROSSFIRE 3 (COL-J)	4.7	5.0	4.8
ESSENTIAL (IS-TF-154)	4.7	5.0	4.8
LS 1010 (ATF 1328)	4.7	5.0	4.8
COMPETE (LS-06)	4.5	5.0	4.8
JUSTICE	4.7	4.7	4.7
KY-31	4.0	5.3	4.7
REUNION (LS-03)	4.3	5.0	4.7
SPYDER LS (Z-2000)	4.0	5.3	4.7
TITAN RX (PSG-TTST)	4.3	5.0	4.7
FIRECRACKER LS (MVS-MST)	4.5	4.7	4.6
RENDITION RX (PSG-RNDR)	5.0	4.0	4.5
XTREMEGREEN (BGR-TF2)	4.7	4.3	4.5
PEDIGREE (ATF-1199)	4.5	4.3	4.4
SILVERADO	3.5	5.3	4.4
ARISTOTLE	4.3	4.3	4.3
AST7003	5.0	3.7	4.3
TURBO RZ (BURL-TF8)	4.3	4.3	4.3
JT-33	4.0	4.3	4.2
REMBRANDT	4.3	4.0	4.2
COL-1	4.5	3.7	4.1
LSD VALUE	1.1	1.8	1.1
C.V. (%)	12.4	20.7	18.2

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 32. NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS 1/
2011 DATA

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

NAME	WA3	NAME	WA3
SHENANDOAH ELITE (RK 6)	5.3	LINDBERGH	4.0
UMBRELLA (DP 50-9411)	5.3	RENOVATE (LS-11)	4.0
COCHISE IV (RKCL)	5.0	RK 4	4.0
MVS-1107	5.0	SIDEWINDER (IS-TF-138)	4.0
NINJA 3 (ATF 1247)	5.0	SPEEDWAY (STR-8BPDx)	4.0
RHAMBLER SRP (RHAMBLER)	5.0	TANZANIA (IS-TF-159)	4.0
COMPETE (LS-06)	4.7	TERRIER (IS-TF-135)	4.0
FALCON V (ATM)	4.7	VENTURE (J-140)	4.0
FIRECRACKER LS (MVS-MST)	4.7	WOLFPACK II (PST-5WMB)	4.0
HONKY TONK (RAD-TF17)	4.7	06-WALK	3.7
MUSTANG 4 (M4)	4.7	AST 7002	3.7
SPYDER LS (Z-2000)	4.7	CROSSFIRE 3 (COL-J)	3.7
TOCCOA (IS-TF-151)	4.7	ESCALANTE (GO-1BFD)	3.7
TURBO	4.7	FALCON IV	3.7
BLADERUNNER 2 (PSG-85QR)	4.3	FINELAWN XPRESS (RP 2)	3.7
BULLSEYE	4.3	J-130	3.7
CATALYST (NA-BT-1)	4.3	LS 1010 (ATF 1328)	3.7
ESSENTIAL (IS-TF-154)	4.3	LS 1200 (SC-1)	3.7
FAITH (K06-WA)	4.3	MVS-341	3.7
GARRISON (IS-TF-153)	4.3	PADRE	3.7
GREENBROOKS (TG 50-9460)	4.3	PATAGONIA (GWTF)	3.7
INTEGRITY (BGR-TF1)	4.3	PSG-82BR	3.7
RK 5	4.3	REUNION (LS-03)	3.7
SHENANDOAH III (SH 3)	4.3	SILVERADO	3.7
STR-8GRQR	4.3	STETSON II (NA-SS)	3.7
SUNSET GOLD (KZ-2)	4.3	TITANIUM LS (MVS-BB-1)	3.7
TALLADEGA (RP 3)	4.3	TRAVERSE SRP (RK-1)	3.7
VAN GOGH (LTP-RK2)	4.3	TURBO RZ (BURL-TF8)	3.7
3RD MILLENNIUM SRP	4.0	ARISTOTLE	3.3
AST9002 (AST-2)	4.0	AST9001 (AST-3)	3.3
BRAVEHEART (DP 50-9407)	4.0	AST9003 (AST-1)	3.3
CANNAVARO (DP 50-9440)	4.0	BAR FA 6253	3.3
CEZANNE RZ (LTP-CRL)	4.0	COL-1	3.3
CORONA (COL-M)	4.0	EINSTEIN	3.3
FIRENZA	4.0	FALCON NG (CE 1)	3.3
GAZELLE II (PST-5HP)	4.0	GE-1	3.3
GOLD MEDALLION (KZ-1)	4.0	HUDSON (DKS)	3.3
HEMI	4.0	JT-33	3.3
HUNTER	4.0	JT-45	3.3
JAMBOREE (IS-TF-128)	4.0	KY-41 (JT-41)	3.3
JT-42	4.0	MAGELLAN	3.3
		MONET (LTP-610 CL)	3.3

TABLE 32. NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2011 DATA

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

NAME	WA3
PLATO	3.3
RAPTOR II (MVS-TF-158)	3.3
REMBRANDT	3.3
ROCKET (IS-TF-147)	3.3
SKYLINE	3.3
TAHOE II	3.3
TITAN ULTRA (PSG-TTRH)	3.3
06-DUST	3.0
AST 7001	3.0
BAR FA 6363	3.0
BILTMORE	3.0
FAT CAT (IS-TF-161)	3.0
JT-36	3.0
PEDIGREE (ATF-1199)	3.0
REBEL IV	3.0
RENDITION RX (PSG-RNDR)	3.0
SR 8650 (STR-8LMM)	3.0
STR-8BB5	3.0
TITAN RX (PSG-TTST)	3.0
TRIO (IS-TF-152)	3.0
XTREMEGREEN (BGR-TF2)	3.0
AST1001 (AST-4)	2.7
AST7003	2.7
ESCALADE	2.7
JUSTICE	2.7
KY-31	2.7
RNP	2.7
TULSA TIME (TULSA III)	2.7
0312	2.3
DARLINGTON (CS-TF1)	2.3
LSD VALUE	1.2
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 33.

PERCENT POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
AT PUYALLUP, WA 2/
2011 DATA

NAME	FEBRUARY	JUNE	MEAN	NAME	FEBRUARY	JUNE	MEAN
KY-31	86.7	76.7	81.7	JUSTICE	70.0	70.0	70.0
CANNAVARO (DP 50-9440)	83.3	73.3	78.3	PATAGONIA (GWTF)	70.0	70.0	70.0
ARISTOTLE	76.7	76.7	76.7	RAPTOR II (MVS-TF-158)	73.3	66.7	70.0
AST9001 (AST-3)	80.0	73.3	76.7	RNP	70.0	70.0	70.0
BILTMORE	76.7	76.7	76.7	SIDEWINDER (IS-TF-138)	70.0	70.0	70.0
CROSSFIRE 3 (COL-J)	80.0	73.3	76.7	SILVERADO	70.0	70.0	70.0
GREENBROOKS (TG 50-9460)	83.3	70.0	76.7	STETSON II (NA-SS)	73.3	66.7	70.0
HUDSON (DKS)	76.7	76.7	76.7	TITAN RX (PSG-TTST)	70.0	70.0	70.0
FALCON NG (CE 1)	76.7	73.3	75.0	TURBO	73.3	66.7	70.0
GOLD MEDALLION (KZ-1)	80.0	70.0	75.0	TURBO RZ (BURL-TF8)	70.0	70.0	70.0
INTEGRITY (BGR-TF1)	76.7	73.3	75.0	COL-1	70.0	66.7	68.3
LINDBERGH	76.7	73.3	75.0	ESCALADE	60.0	76.7	68.3
RENDITION RX (PSG-RNDR)	76.7	73.3	75.0	FALCON IV	73.3	63.3	68.3
REUNION (LS-03)	76.7	73.3	75.0	HUNTER	70.0	66.7	68.3
SUNSET GOLD (KZ-2)	76.7	73.3	75.0	J-130	73.3	63.3	68.3
0312	73.3	73.3	73.3	JT-36	66.7	70.0	68.3
AST1001 (AST-4)	73.3	73.3	73.3	KY-41 (JT-41)	66.7	70.0	68.3
JT-42	76.7	70.0	73.3	MAGELLAN	66.7	70.0	68.3
LS 1010 (ATF 1328)	70.0	76.7	73.3	RK 5	70.0	66.7	68.3
PLATO	73.3	73.3	73.3	STR-8GRQR	70.0	66.7	68.3
TAHOE II	76.7	70.0	73.3	TANZANIA (IS-TF-159)	70.0	66.7	68.3
TALLADEGA (RP 3)	76.7	70.0	73.3	TITANIUM LS (MVS-BB-1)	63.3	73.3	68.3
TERRIER (IS-TF-135)	73.3	73.3	73.3	06-DUST	70.0	63.3	66.7
TULSA TIME (TULSA III)	70.0	76.7	73.3	AST9003 (AST-1)	73.3	60.0	66.7
XTREMEGREEN (BGR-TF2)	73.3	73.3	73.3	BAR FA 6253	66.7	66.7	66.7
06-WALK	73.3	70.0	71.7	BULLSEYE	66.7	66.7	66.7
AST 7001	73.3	70.0	71.7	FAITH (K06-WA)	66.7	66.7	66.7
AST9002 (AST-2)	70.0	73.3	71.7	FAT CAT (IS-TF-161)	66.7	66.7	66.7
BAR FA 6363	66.7	76.7	71.7	FINELAWN XPRESS (RP 2)	66.7	66.7	66.7
BRAVEHEART (DP 50-9407)	70.0	73.3	71.7	GE-1	60.0	73.3	66.7
CORONA (COL-M)	73.3	70.0	71.7	MVS-341	70.0	63.3	66.7
EINSTEIN	76.7	66.7	71.7	COCHISE IV (RKCL)	66.7	63.3	65.0
NINJA 3 (ATF 1247)	73.3	70.0	71.7	ESCALANTE (GO-1BFD)	60.0	70.0	65.0
PEDIGREE (ATF-1199)	66.7	76.7	71.7	FIRECRACKER LS (MVS-MST)	66.7	63.3	65.0
REMBRANDT	66.7	76.7	71.7	HONKY TONK (RAD-TF17)	73.3	56.7	65.0
RENOVATE (LS-11)	76.7	66.7	71.7	JT-45	66.7	63.3	65.0
TITAN ULTRA (PSG-TTRH)	76.7	66.7	71.7	MVS-1107	66.7	63.3	65.0
TOCCOA (IS-TF-151)	76.7	66.7	71.7	REBEL IV	60.0	70.0	65.0
AST 7002	76.7	63.3	70.0	ROCKET (IS-TF-147)	63.3	66.7	65.0
COMPETE (LS-06)	70.0	70.0	70.0	SR 8650 (STR-8LMM)	66.7	63.3	65.0
GARRISON (IS-TF-153)	70.0	70.0	70.0	STR-8BB5	66.7	63.3	65.0
JT-33	70.0	70.0	70.0	TRIO (IS-TF-152)	66.7	63.3	65.0

TABLE 33. PERCENT POA ANNUA RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT PUYALLUP, WA 2/
2011 DATA

NAME	FEBRUARY	JUNE	MEAN
VAN GOGH (LTP-RK2)	66.7	63.3	65.0
VENTURE (J-140)	63.3	66.7	65.0
AST7003	63.3	63.3	63.3
BLADERUNNER 2 (PSG-85QR)	66.7	60.0	63.3
FALCON V (ATM)	63.3	63.3	63.3
HEMI	66.7	60.0	63.3
MUSTANG 4 (M4)	60.0	66.7	63.3
PSG-82BR	63.3	63.3	63.3
UMBRELLA (DP 50-9411)	63.3	63.3	63.3
CEZANNE RZ (LTP-CRL)	66.7	56.7	61.7
DARLINGTON (CS-TF1)	60.0	63.3	61.7
ESSENTIAL (IS-TF-154)	63.3	60.0	61.7
FIRENZA	63.3	60.0	61.7
JAMBOREE (IS-TF-128)	60.0	63.3	61.7
RK 4	63.3	60.0	61.7
SKYLINE	63.3	60.0	61.7
SPYDER LS (Z-2000)	60.0	63.3	61.7
PADRE	56.7	63.3	60.0
SHENANDOAH ELITE (RK 6)	60.0	60.0	60.0
SHENANDOAH III (SH 3)	53.3	66.7	60.0
WOLFPACK II (PST-5WMB)	53.3	66.7	60.0
3RD MILLENNIUM SRP	60.0	56.7	58.3
CATALYST (NA-BT-1)	60.0	56.7	58.3
RHAMBLER SRP (RHAMBLER)	53.3	63.3	58.3
MONET (LTP-610 CL)	60.0	53.3	56.7
SPEEDWAY (STR-8BPDx)	53.3	60.0	56.7
GAZELLE II (PST-5HP)	53.3	56.7	55.0
TRAVERSE SRP (RK-1)	43.3	63.3	53.3
LS 1200 (SC-1)	43.3	60.0	51.7
LSD VALUE	15.9	19.3	13.0
C.V. (%)	12.4	11.4	9.8

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

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

TABLE 34. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
 AT DALLAS, TX 2/
 2011 DATA

NAME	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	MEAN
MVS-341	60.0	89.7	93.0	93.0	83.9
PLATO	66.7	82.7	86.0	96.0	82.8
HONKY TONK (RAD-TF17)	63.3	83.3	86.3	96.0	82.3
LINDBERGH	66.7	79.7	82.7	96.0	81.3
NINJA 3 (ATF 1247)	60.0	80.0	86.3	96.0	80.6
STR-8GRQR	60.0	73.3	86.3	96.0	78.9
TITAN RX (PSG-TTST)	60.0	83.0	83.0	89.7	78.9
06-DUST	50.0	83.3	86.7	93.0	78.3
ESCALANTE (GO-1BFD)	53.3	83.0	83.0	93.0	78.1
REMBRANDT	56.7	76.0	82.7	96.0	77.8
PSG-82BR	50.0	80.0	86.3	93.0	77.3
TULSA TIME (TULSA III)	53.3	76.7	83.3	96.0	77.3
AST9002 (AST-2)	60.0	79.7	79.7	83.0	75.6
FALCON NG (CE 1)	63.3	76.0	76.0	86.0	75.3
EINSTEIN	53.3	73.3	76.7	93.0	74.1
FAT CAT (IS-TF-161)	43.3	76.7	83.3	93.0	74.1
JUSTICE	46.7	76.7	80.0	89.7	73.3
MAGELLAN	56.7	73.0	76.3	86.0	73.0
BAR FA 6363	46.7	69.7	73.0	93.0	70.6
BLADERUNNER 2 (PSG-85QR)	46.7	63.3	76.7	90.0	69.2
SKYLINE	50.0	73.3	76.7	76.7	69.2
FAITH (K06-WA)	53.3	66.7	73.3	80.0	68.3
PEDIGREE (ATF-1199)	46.7	66.3	73.0	86.0	68.0
STR-8BB5	46.7	63.3	70.0	86.7	66.7
TANZANIA (IS-TF-159)	43.3	63.3	69.7	89.7	66.5
STETSON II (NA-SS)	50.0	69.7	69.7	76.3	66.4
3RD MILLENNIUM SRP	33.3	66.7	73.3	86.7	65.0
AST7003	46.7	63.3	63.3	86.7	65.0
BULLSEYE	36.7	66.7	70.0	86.3	64.9
ARISTOTLE	60.0	63.0	63.0	69.7	63.9
GAZELLE II (PST-5HP)	50.0	63.3	66.3	69.3	62.3
KY-41 (JT-41)	46.7	66.3	66.3	69.7	62.3
PATAGONIA (GWTF)	36.7	56.3	69.7	86.3	62.3
TURBO	36.7	63.3	63.3	83.3	61.7
SPEEDWAY (STR-8BPDx)	46.7	63.0	59.7	76.3	61.4
COMPETE (LS-06)	36.7	56.7	63.3	86.7	60.8
GREENBROOKS (TG 50-9460)	46.7	56.7	56.7	83.3	60.8
SPYDER LS (Z-2000)	30.0	60.0	70.0	83.3	60.8
TITANIUM LS (MVS-BB-1)	33.3	60.0	60.0	90.0	60.8
GE-1	43.3	63.0	63.0	73.0	60.6
CEZANNE RZ (LTP-CRL)	36.7	53.3	63.3	86.7	60.0
RNP	50.0	56.3	59.7	73.0	59.8

TABLE 34. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
 (CONT'D) AT DALLAS, TX 2/
 2011 DATA

NAME	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	MEAN
GARRISON (IS-TF-153)	33.3	60.0	63.3	76.7	58.3
REBEL IV	30.0	60.0	63.3	79.7	58.3
DARLINGTON (CS-TF1)	30.0	56.7	60.0	83.0	57.4
TURBO RZ (BURL-TF8)	43.3	60.0	60.0	66.3	57.4
JT-33	33.3	53.3	56.7	83.3	56.7
LS 1010 (ATF 1328)	30.0	50.0	63.3	83.0	56.6
COCHISE IV (RKCL)	33.3	53.3	60.0	76.7	55.8
ESCALADE	36.7	53.3	56.7	76.3	55.8
JT-36	36.7	50.0	60.0	76.7	55.8
RHAMBLER SRP (RHAMBLER)	23.3	53.3	63.3	83.3	55.8
AST 7002	23.3	53.3	63.3	80.0	55.0
MVS-1107	40.0	46.7	56.7	76.3	54.9
06-WALK	30.0	60.0	46.7	79.7	54.1
JT-42	33.3	56.7	60.0	63.3	53.3
TALLADEGA (RP 3)	26.7	50.0	56.7	80.0	53.3
LS 1200 (SC-1)	26.7	50.0	53.3	80.0	52.5
SILVERADO	36.7	53.3	53.3	66.7	52.5
J-130	36.7	46.7	46.7	79.7	52.4
RK 4	30.0	53.3	56.7	66.7	51.7
TAHOE II	30.0	56.7	56.7	63.3	51.7
XTREMEGREEN (BGR-TF2)	33.3	50.0	53.3	70.0	51.7
FALCON IV	36.7	46.7	46.7	76.3	51.6
RENOVATE (LS-11)	30.0	50.0	60.0	63.3	50.8
TRIO (IS-TF-152)	30.0	53.0	53.0	66.3	50.6
INTEGRITY (BGR-TF1)	33.3	46.7	53.3	66.7	50.0
WOLFPACK II (PST-5WMB)	23.3	43.3	56.7	76.7	50.0
JAMBOREE (IS-TF-128)	23.3	43.3	53.3	76.7	49.2
PADRE	23.3	56.7	50.0	66.3	49.1
SUNSET GOLD (KZ-2)	40.0	43.3	46.3	66.3	49.0
SIDEWINDER (IS-TF-138)	36.7	46.7	50.0	60.0	48.3
HEMI	26.7	43.3	56.7	63.3	47.5
JT-45	26.7	50.0	50.0	63.3	47.5
SHENANDOAH III (SH 3)	23.3	40.0	60.0	66.7	47.5
MUSTANG 4 (M4)	33.3	43.3	46.7	66.3	47.4
AST 7001	20.0	43.3	53.3	70.0	46.7
TRAVERSE SRP (RK-1)	26.7	40.0	50.0	70.0	46.7
UMBRELLA (DP 50-9411)	26.7	43.3	46.7	70.0	46.7
AST9003 (AST-1)	30.0	46.7	46.7	59.7	45.8
ROCKET (IS-TF-147)	16.7	46.7	50.0	70.0	45.8
GOLD MEDALLION (KZ-1)	26.7	43.3	43.3	63.3	44.2
BAR FA 6253	33.3	46.3	43.0	53.0	43.9
RK 5	20.0	40.0	43.3	70.0	43.3

TABLE 34. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT DALLAS, TX 2/
2011 DATA

NAME	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	MEAN
SR 8650 (STR-8LMM)	26.7	40.0	43.3	63.3	43.3
TOCCOA (IS-TF-151)	20.0	40.0	46.7	66.7	43.3
COL-1	26.7	40.0	43.3	60.0	42.5
FINELAWN XPRESS (RP 2)	26.7	40.0	43.3	60.0	42.5
REUNION (LS-03)	30.0	39.7	39.7	59.7	42.3
VAN GOGH (LTP-RK2)	23.3	40.0	43.3	60.0	41.7
RAPTOR II (MVS-TF-158)	23.3	36.7	43.3	60.0	40.8
CROSSFIRE 3 (COL-J)	20.0	30.0	46.7	63.3	40.0
SHENANDOAH ELITE (RK 6)	26.7	33.3	36.7	63.3	40.0
VENTURE (J-140)	26.7	33.3	40.0	60.0	40.0
CORONA (COL-M)	13.3	33.3	36.7	70.0	38.3
AST1001 (AST-4)	20.0	26.7	33.3	70.0	37.5
ESSENTIAL (IS-TF-154)	20.0	40.0	40.0	50.0	37.5
FALCON V (ATM)	30.0	30.0	33.3	56.7	37.5
BILTMORE	16.7	30.0	30.0	70.0	36.7
HUDSON (DKS)	16.7	33.3	33.3	60.0	35.8
0312	13.3	33.3	46.7	46.7	35.0
CATALYST (NA-BT-1)	20.0	26.7	26.7	63.3	34.2
BRAVEHEART (DP 50-9407)	20.0	30.0	30.0	53.3	33.3
AST9001 (AST-3)	16.7	26.7	30.0	50.0	30.8
RENDITION RX (PSG-RNDR)	20.0	23.3	26.7	53.3	30.8
HUNTER	16.7	20.0	20.0	63.3	30.0
FIRENZA	20.0	26.7	30.0	40.0	29.2
MONET (LTP-610 CL)	20.0	20.0	20.0	53.3	28.3
TERRIER (IS-TF-135)	13.3	23.3	23.3	53.3	28.3
TITAN ULTRA (PSG-TTRH)	13.3	16.7	20.0	33.3	20.8
KY-31	13.3	13.3	16.7	30.0	18.3
CANNAVARO (DP 50-9440)	13.3	10.0	10.0	26.7	15.0
FIRECRACKER LS (MVS-MST)	10.0	10.0	10.0	26.7	14.2
LSD VALUE	68.3	71.5	66.3	72.4	61.8
C.V. (%)	62.6	50.4	46.7	32.4	42.4

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 35.

PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
AT LOGAN, UT 2/
2011 DATA

NAME	JUL_6	JUL_20	JUL_27	AUG_10	AUG_17	AUG_24	AUG_31	SEP_7	SEP_14	MEAN
TRIO (IS-TF-152)	89.7	73.7	62.3	45.7	26.0	24.3	41.3	55.7	61.3	53.3
HONKY TONK (RAD-TF17)	88.3	70.7	55.0	39.7	22.0	26.3	37.3	55.7	62.3	50.8
KY-31	84.3	63.3	50.0	38.7	23.0	26.0	39.7	58.3	67.0	50.0
FAT CAT (IS-TF-161)	91.0	68.0	54.0	38.7	20.7	21.0	38.0	52.7	62.0	49.6
GOLD MEDALLION (KZ-1)	91.0	66.3	53.0	41.7	25.7	23.7	37.7	49.0	58.7	49.6
RHAMBLER SRP (RHAMBLER)	91.3	73.0	55.0	42.0	20.7	19.7	33.7	48.3	60.0	49.3
BAR FA 6363	88.7	66.0	54.3	43.0	27.3	22.3	33.7	50.3	56.3	49.1
SILVERADO	89.3	60.3	49.7	35.3	21.0	20.0	39.0	57.3	68.7	49.0
RENDITION RX (PSG-RNDR)	87.3	65.7	51.0	40.3	24.7	24.0	32.7	53.3	58.0	48.6
CATALYST (NA-BT-1)	90.3	67.7	49.0	38.3	20.0	20.3	35.0	53.3	61.3	48.4
TITAN ULTRA (PSG-TTRH)	90.3	69.0	51.3	37.0	21.0	21.0	34.3	47.3	62.0	48.1
TAHOE II	87.7	68.7	54.0	43.0	26.3	25.0	33.0	41.7	48.0	47.5
HUDSON (DKS)	89.3	67.3	51.7	37.7	24.7	22.3	35.7	44.0	53.3	47.3
ESCALANTE (GO-1BFD)	89.7	64.0	50.3	34.7	20.0	21.0	34.7	51.0	59.3	47.2
RK 5	90.7	71.7	50.3	39.0	22.0	18.0	31.7	46.0	55.3	47.2
CORONA (COL-M)	90.7	64.0	49.7	36.3	19.7	19.3	35.7	50.7	56.3	46.9
REMBRANDT	89.0	67.0	51.3	36.3	18.7	20.3	34.0	46.0	57.0	46.6
ESSENTIAL (IS-TF-154)	90.0	62.0	48.7	33.7	20.0	21.7	34.3	48.3	58.0	46.3
GAZELLE II (PST-5HP)	89.3	66.3	48.3	37.3	20.0	20.3	33.7	46.0	54.3	46.2
TITAN RX (PSG-TTST)	90.7	68.0	49.7	31.3	18.7	19.0	33.0	46.0	59.3	46.2
COL-1	88.7	65.0	50.7	35.3	19.3	20.0	33.7	44.7	53.3	45.6
SUNSET GOLD (KZ-2)	86.7	58.3	47.0	36.7	21.3	22.3	34.3	48.0	55.3	45.6
STR-8GRQR	89.7	66.3	51.0	34.7	19.7	17.7	32.7	47.0	51.0	45.5
NINJA 3 (ATF 1247)	88.7	58.0	45.3	35.3	18.0	20.0	34.3	50.0	59.3	45.4
REBEL IV	88.3	63.0	44.7	30.0	17.0	18.0	35.0	49.7	63.3	45.4
RENOVATE (LS-11)	87.7	66.3	49.7	35.7	19.0	18.3	35.3	44.7	52.3	45.4
BLADERUNNER 2 (PSG-85QR)	91.0	69.0	50.7	35.7	17.3	18.7	32.3	42.7	50.3	45.3
DARLINGTON (CS-TF1)	87.7	64.0	50.3	35.7	22.7	19.3	31.7	45.0	50.3	45.2
JAMBOREE (IS-TF-128)	91.0	62.3	46.3	27.7	15.7	17.7	32.7	49.3	62.3	45.0
PADRE	89.7	58.7	44.3	36.7	19.3	20.0	32.0	45.7	58.7	45.0
VENTURE (J-140)	89.0	63.7	49.3	34.0	18.0	17.7	31.7	42.7	56.3	44.7
AST 7002	86.0	65.0	44.7	32.3	17.7	17.7	32.0	49.3	56.7	44.6
VAN GOGH (LTP-RK2)	91.3	67.0	48.7	35.7	19.0	15.0	27.3	45.0	51.3	44.5
AST 7001	85.3	64.0	44.7	34.7	20.3	18.7	33.3	45.7	52.7	44.4
LS 1200 (SC-1)	91.3	69.0	50.7	33.0	14.0	14.0	29.0	42.3	56.0	44.4
PSG-82BR	90.3	66.7	47.3	33.0	18.3	17.0	31.7	43.0	52.3	44.4
HEMI	91.0	64.3	47.3	30.7	18.7	17.0	31.7	42.0	53.3	44.0
FALCON IV	87.7	59.7	42.7	32.0	16.7	18.0	31.7	48.7	57.7	43.9
STR-8BB5	91.7	61.7	44.0	31.3	15.0	17.7	29.3	42.0	62.0	43.9
RK 4	90.3	65.0	46.3	30.3	16.7	15.7	29.0	44.0	56.3	43.7
AST1001 (AST-4)	86.7	58.3	44.3	33.3	20.3	18.7	32.0	44.7	53.7	43.6
TANZANIA (IS-TF-159)	88.3	58.7	43.7	27.7	15.7	17.3	32.0	48.3	61.0	43.6
MVS-341	86.3	59.7	40.3	29.3	17.7	18.0	34.3	47.0	58.7	43.5
GARRISON (IS-TF-153)	89.7	65.7	42.0	34.3	15.3	17.7	30.7	43.7	51.7	43.4
TRAVERSE SRP (RK-1)	88.3	59.7	42.0	28.3	14.3	13.3	30.3	50.3	63.0	43.3
MAGELLAN	88.3	67.0	45.3	33.7	19.3	17.3	26.3	41.0	50.7	43.2
COCHISE IV (RKCL)	90.3	63.0	41.7	28.3	15.0	15.3	31.3	44.3	58.3	43.1

TABLE 35. (CONT'D)

 PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
 AT LOGAN, UT 2/
 2011 DATA

NAME	JUL_6	JUL_20	JUL_27	AUG_10	AUG_17	AUG_24	AUG_31	SEP_7	SEP_14	MEAN
EINSTEIN	87.3	59.0	38.7	29.7	17.3	18.3	33.0	48.7	56.3	43.1
MONET (LTP-610 CL)	90.3	59.0	46.7	31.7	16.3	17.0	26.7	45.7	55.0	43.1
XTREMEGREEN (BGR-TF2)	87.7	63.0	46.3	35.3	22.3	20.3	28.3	38.0	46.7	43.1
SKYLINE	88.7	55.7	42.3	31.7	16.3	18.7	31.0	46.0	56.7	43.0
GE-1	88.7	51.7	39.3	27.3	17.0	16.3	31.7	53.3	60.3	42.9
SPEEDWAY (STR-8BPDx)	91.0	62.3	42.0	25.0	14.7	14.7	29.3	46.0	60.7	42.9
AST9002 (AST-2)	87.3	63.7	41.7	30.0	16.3	16.7	30.7	44.0	55.0	42.8
REUNION (LS-03)	85.0	61.0	46.3	33.0	21.7	18.7	32.0	40.3	47.0	42.8
ROCKET (IS-TF-147)	87.7	58.3	43.3	29.0	18.0	14.3	29.0	47.3	58.0	42.8
ARISTOTLE	82.0	54.3	42.0	34.0	20.7	17.7	32.0	49.0	51.0	42.5
FIRENZA	90.7	63.0	43.7	28.3	15.7	14.7	29.7	42.0	54.7	42.5
BAR FA 6253	86.7	54.7	39.3	26.0	15.0	18.3	34.0	46.7	61.0	42.4
WOLFPACK II (PST-5WMB)	86.3	56.3	42.7	29.7	17.0	16.7	30.0	45.3	56.7	42.3
MVS-1107	89.3	57.0	41.3	30.3	14.0	12.7	29.3	45.7	59.3	42.1
SR 8650 (STR-8LMM)	87.0	55.7	36.3	29.0	16.7	17.7	31.7	49.0	55.7	42.1
06-WALK	87.3	55.0	41.7	28.0	17.3	18.7	30.7	44.7	54.0	41.9
INTEGRITY (BGR-TF1)	85.0	56.3	41.0	30.0	20.3	20.3	33.7	40.7	49.3	41.9
PEDIGREE (ATF-1199)	86.3	62.0	46.0	33.0	16.7	17.0	28.7	39.0	48.0	41.9
TITANIUM LS (MVS-BB-1)	90.3	59.3	44.3	30.3	14.3	12.7	24.3	47.0	54.3	41.9
KY-41 (JT-41)	85.0	55.3	43.7	32.7	16.0	16.7	32.0	42.3	52.7	41.8
LS 1010 (ATF 1328)	85.7	53.3	40.0	27.7	16.0	16.3	32.0	49.3	55.7	41.8
RNP	83.3	54.3	37.0	30.7	18.0	18.7	32.7	46.3	51.0	41.3
SHENANDOAH ELITE (RK 6)	89.7	62.3	42.0	30.0	13.3	12.0	24.3	41.7	56.3	41.3
FAITH (K06-WA)	91.0	60.0	45.0	29.0	16.0	15.0	25.7	38.7	49.7	41.1
FALCON NG (CE 1)	86.7	52.3	39.3	27.0	16.7	16.7	29.7	46.3	54.3	41.0
TOCCOA (IS-TF-151)	88.3	58.0	38.3	25.3	16.7	18.0	28.3	43.3	52.3	41.0
TURBO RZ (BURL-TF8)	91.0	53.3	39.7	30.3	16.0	17.3	27.7	42.0	51.7	41.0
SPYDER LS (Z-2000)	89.0	57.7	42.0	27.7	15.3	16.3	25.3	44.0	50.3	40.9
TALLADEGA (RP 3)	89.3	51.7	37.7	28.3	12.0	11.7	31.3	46.3	59.7	40.9
FIRECRACKER LS (MVS-MST)	86.7	55.3	44.3	28.3	16.0	15.7	26.0	42.7	52.3	40.8
SIDEWINDER (IS-TF-138)	90.0	57.0	40.0	26.7	15.0	13.0	26.0	44.0	55.0	40.7
AST9003 (AST-1)	85.0	53.7	41.3	30.7	16.3	17.0	27.7	42.0	52.0	40.6
BRAVEHEART (DP 50-9407)	89.7	58.7	38.3	25.7	15.0	13.3	27.7	45.0	52.0	40.6
LINDBERGH	89.0	56.3	35.3	23.3	13.3	13.3	28.0	49.3	57.0	40.6
SHENANDOAH III (SH 3)	85.7	54.3	37.3	29.7	13.7	17.7	28.3	43.7	54.7	40.6
CROSSFIRE 3 (COL-J)	85.3	54.3	37.0	27.0	16.0	16.3	30.3	44.0	54.3	40.5
TURBO	87.7	56.7	40.0	29.0	15.3	13.7	27.7	40.3	54.0	40.5
JUSTICE	88.3	55.3	36.7	24.3	13.3	15.0	29.7	44.0	56.7	40.4
PATAGONIA (GWTF)	87.3	52.7	37.0	28.0	15.7	17.0	29.3	43.7	52.7	40.4
GREENBROOKS (TG 50-9460)	91.0	58.0	38.7	25.0	13.0	13.7	27.3	42.0	53.3	40.2
BILTMORE	87.7	52.3	35.7	27.0	16.3	17.7	29.0	44.0	50.3	40.0
MUSTANG 4 (M4)	87.7	54.0	36.0	23.7	14.3	15.0	29.7	45.0	54.7	40.0
UMBRELLA (DP 50-9411)	89.3	59.3	40.0	27.3	14.3	14.7	26.7	39.0	48.3	39.9
FALCON V (ATM)	88.0	59.7	39.0	25.3	13.0	11.0	28.0	43.7	50.3	39.8
ESCALADE	85.7	53.0	35.7	25.0	13.3	16.3	27.7	44.7	56.0	39.7
0312	86.0	51.0	39.7	27.7	14.3	14.3	27.0	39.7	55.0	39.4
JT-42	84.3	48.7	33.3	26.3	15.7	17.3	30.0	44.0	55.3	39.4

TABLE 35. (CONT'D)

 PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
 AT LOGAN, UT 2/
 2011 DATA

NAME	JUL_6	JUL_20	JUL_27	AUG_10	AUG_17	AUG_24	AUG_31	SEP_7	SEP_14	MEAN
TERRIER (IS-TF-135)	85.7	52.0	40.0	26.0	17.0	16.3	27.3	41.0	48.0	39.3
J-130	83.3	47.0	35.3	26.0	15.0	15.0	31.7	44.7	55.0	39.2
AST7003	85.3	49.7	34.3	25.7	15.3	18.0	29.0	41.0	53.0	39.0
FINELAWN XPRESS (RP 2)	89.0	53.3	36.7	23.0	11.7	14.0	22.7	44.3	56.7	39.0
06-DUST	89.3	57.0	37.7	26.0	12.7	12.3	23.0	37.3	52.7	38.7
3RD MILLENNIUM SRP	87.0	53.3	31.3	22.7	11.7	15.3	27.0	43.3	56.3	38.7
BULLSEYE	89.0	49.3	32.7	23.7	13.0	12.0	27.0	42.0	58.0	38.5
AST9001 (AST-3)	86.3	48.7	33.7	26.7	13.7	14.7	26.7	42.3	51.0	38.2
CANNAVARO (DP 50-9440)	86.7	51.0	35.7	23.3	10.3	12.0	25.3	41.0	55.3	37.9
STETSON II (NA-SS)	84.3	50.3	33.3	25.7	16.7	14.7	27.0	38.7	48.7	37.7
TULSA TIME (TULSA III)	87.0	50.0	34.0	26.0	15.3	15.0	27.3	37.0	45.3	37.4
CEZANNE RZ (LTP-CRL)	85.0	47.0	31.7	24.3	13.7	15.7	27.3	42.3	48.0	37.2
COMPETE (LS-06)	83.3	53.0	32.0	22.0	13.7	14.7	26.3	39.7	49.3	37.1
RAPTOR II (MVS-TF-158)	87.3	50.0	31.3	23.3	14.3	12.0	26.0	39.0	48.7	36.9
PLATO	84.3	47.3	28.3	24.7	11.7	11.3	25.7	42.0	53.3	36.5
JT-33	82.0	41.3	27.3	22.7	11.3	14.3	27.7	43.0	51.0	35.6
HUNTER	80.3	43.3	25.3	24.3	13.0	13.3	28.0	36.0	46.0	34.4
JT-36	83.7	43.7	30.0	21.0	10.3	8.7	21.0	37.7	50.7	34.1
JT-45	84.0	36.3	26.3	23.7	10.7	11.0	21.3	36.0	45.0	32.7
LSD VALUE	5.4	19.8	29.8	20.3	16.7	17.8	20.7	19.2	28.7	13.7
C.V. (%)	3.2	15.6	24.5	25.1	31.9	30.8	19.7	14.6	13.7	12.5

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 36.

RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
 AT PUYALLUP, WA
 2011 DATA

DROUGHT RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	SEPTEMBER	OCTOBER	MEAN	NAME	SEPTEMBER	OCTOBER	MEAN
GARRISON (IS-TF-153)	6.7	7.7	7.2	SIDEWINDER (IS-TF-138)	6.0	7.0	6.5
CATALYST (NA-BT-1)	7.0	7.0	7.0	SPEEDWAY (STR-8BPDx)	6.0	7.0	6.5
CORONA (COL-M)	6.7	7.3	7.0	SR 8650 (STR-8LMM)	6.3	6.7	6.5
MAGELLAN	6.7	7.3	7.0	3RD MILLENNIUM SRP	6.3	6.3	6.3
PADRE	6.7	7.3	7.0	BAR FA 6253	6.0	6.7	6.3
WOLFPACK II (PST-5WMB)	6.7	7.3	7.0	BLADERUNNER 2 (PSG-85QR)	5.7	7.0	6.3
ARISTOTLE	7.0	6.7	6.8	DARLINGTON (CS-TF1)	6.0	6.7	6.3
BAR FA 6363	6.3	7.3	6.8	FALCON IV	6.3	6.3	6.3
CEZANNE RZ (LTP-CRL)	6.3	7.3	6.8	J-130	5.7	7.0	6.3
FALCON V (ATM)	7.0	6.7	6.8	MVS-1107	5.7	7.0	6.3
GAZELLE II (PST-5HP)	6.3	7.3	6.8	MVS-341	6.0	6.7	6.3
HEMI	6.7	7.0	6.8	PATAGONIA (GWTF)	6.0	6.7	6.3
MUSTANG 4 (M4)	6.3	7.3	6.8	PEDIGREE (ATF-1199)	6.3	6.3	6.3
TANZANIA (IS-TF-159)	6.3	7.3	6.8	RAPTOR II (MVS-TF-158)	6.3	6.3	6.3
TRIO (IS-TF-152)	6.3	7.3	6.8	RHAMBLER SRP (RHAMBLER)	6.0	6.7	6.3
TURBO	7.0	6.7	6.8	SUNSET GOLD (KZ-2)	6.0	6.7	6.3
TURBO RZ (BURL-TF8)	6.3	7.3	6.8	AST1001 (AST-4)	6.0	6.3	6.2
UMBRELLA (DP 50-9411)	6.3	7.3	6.8	AST7003	6.3	6.0	6.2
VAN GOGH (LTP-RK2)	6.7	7.0	6.8	CANNAVARO (DP 50-9440)	6.0	6.3	6.2
AST9003 (AST-1)	7.0	6.3	6.7	CROSSFIRE 3 (COL-J)	6.0	6.3	6.2
BRAVEHEART (DP 50-9407)	6.7	6.7	6.7	EINSTEIN	6.0	6.3	6.2
ESCALADE	6.3	7.0	6.7	ESCALANTE (GO-1BFD)	6.3	6.0	6.2
ESSENTIAL (IS-TF-154)	6.0	7.3	6.7	GE-1	6.3	6.0	6.2
FAITH (K06-WA)	6.3	7.0	6.7	GREENBROOKS (TG 50-9460)	6.0	6.3	6.2
FIRECRACKER LS (MVS-MST)	6.0	7.3	6.7	INTEGRITY (BGR-TF1)	6.3	6.0	6.2
RK 4	6.3	7.0	6.7	JT-36	6.0	6.3	6.2
SHENANDOAH ELITE (RK 6)	6.0	7.3	6.7	JT-42	6.0	6.3	6.2
SPYDER LS (Z-2000)	6.3	7.0	6.7	KY-41 (JT-41)	6.0	6.3	6.2
STR-8BB5	6.3	7.0	6.7	MONET (LTP-610 CL)	6.7	5.7	6.2
STR-8GRQR	6.3	7.0	6.7	PSG-82BR	6.0	6.3	6.2
TOCCOA (IS-TF-151)	6.7	6.7	6.7	REBEL IV	6.3	6.0	6.2
AST 7002	6.0	7.0	6.5	REUNION (LS-03)	6.0	6.3	6.2
BULLSEYE	6.3	6.7	6.5	SKYLINE	6.3	6.0	6.2
COCHISE IV (RKCL)	6.7	6.3	6.5	TITANIUM LS (MVS-BB-1)	6.0	6.3	6.2
FINELAWN XPRESS (RP 2)	6.3	6.7	6.5	VENTURE (J-140)	5.7	6.7	6.2
GOLD MEDALLION (KZ-1)	6.0	7.0	6.5	AST 7001	5.7	6.3	6.0
HONKY TONK (RAD-TF17)	6.0	7.0	6.5	AST9001 (AST-3)	6.3	5.7	6.0
JT-33	6.7	6.3	6.5	AST9002 (AST-2)	5.7	6.3	6.0
JT-45	6.7	6.3	6.5	COMPETE (LS-06)	6.3	5.7	6.0
RENOVATE (LS-11)	6.3	6.7	6.5	FAT CAT (IS-TF-161)	5.7	6.3	6.0
RK 5	6.3	6.7	6.5	HUNTER	6.0	6.0	6.0
SHENANDOAH III (SH 3)	6.3	6.7	6.5	LINDBERGH	5.7	6.3	6.0

TABLE 36. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT PUYALLUP, WA
2011 DATA

DROUGHT RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	SEPTEMBER	OCTOBER	MEAN
LS 1010 (ATF 1328)	6.3	5.7	6.0
LS 1200 (SC-1)	5.7	6.3	6.0
REMBRANDT	6.0	6.0	6.0
ROCKET (IS-TF-147)	5.7	6.3	6.0
STETSON II (NA-SS)	6.0	6.0	6.0
TAHOE II	6.0	6.0	6.0
TRAVERSE SRP (RK-1)	6.0	6.0	6.0
TULSA TIME (TULSA III)	6.3	5.7	6.0
06-DUST	5.7	6.0	5.8
BILTMORE	5.7	6.0	5.8
COL-1	5.7	6.0	5.8
FALCON NG (CE 1)	5.7	6.0	5.8
FIRENZA	6.0	5.7	5.8
HUDSON (DKS)	5.7	6.0	5.8
JAMBOREE (IS-TF-128)	6.0	5.7	5.8
NINJA 3 (ATF 1247)	5.7	6.0	5.8
RENDITION RX (PSG-RNDR)	6.0	5.7	5.8
SILVERADO	6.7	5.0	5.8
TALLADEGA (RP 3)	6.0	5.7	5.8
TITAN ULTRA (PSG-TTRH)	6.3	5.3	5.8
XTREMEGREEN (BGR-TF2)	5.7	6.0	5.8
PLATO	6.0	5.3	5.7
RNP	6.0	5.3	5.7
TERRIER (IS-TF-135)	5.7	5.7	5.7
TITAN RX (PSG-TTST)	6.0	5.3	5.7
JUSTICE	6.0	5.0	5.5
0312	5.3	5.3	5.3
06-WALK	5.7	5.0	5.3
KY-31	5.3	4.7	5.0
LSD VALUE	4.0	2.6	2.1
C.V. (%)	11.6	14.4	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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
 2011 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	QUALITY	MAXIMUM	NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/		MEAN 1/	IN TOP 25% 2/
0312	5.2	0	HONKY TONK (RAD-TF17)	5.6	16
06-DUST	5.5	20	HUDSON (DKS)	5.5	16
06-WALK	5.2	0	HUNTER	5.2	4
3RD MILLENNIUM SRP	5.7	32	INTEGRITY (BGR-TF1)	5.6	20
ARISTOTLE	5.0	8	J-130	5.5	12
AST 7001	5.3	8	JAMBOREE (IS-TF-128)	5.8	44
AST 7002	5.5	16	JT-33	5.3	12
AST1001 (AST-4)	5.4	16	JT-36	5.5	12
AST7003	5.4	12	JT-42	5.5	16
AST9001 (AST-3)	5.5	20	JT-45	5.4	4
AST9002 (AST-2)	5.4	16	JUSTICE	5.5	16
AST9003 (AST-1)	5.4	12	KY-31	3.2	0
BAR FA 6253	5.6	20	KY-41 (JT-41)	5.5	4
BAR FA 6363	5.3	8	LINDBERGH	5.2	16
BILTMORE	5.2	8	LS 1010 (ATF 1328)	5.5	16
BLADERUNNER 2 (PSG-85QR)	5.8	44	LS 1200 (SC-1)	5.9	60
BRAVEHEART (DP 50-9407)	5.7	28	MAGELLAN	5.4	12
BULLSEYE	6.0	68	MONET (LTP-610 CL)	6.0	48
CANNAVARO (DP 50-9440)	5.7	40	MUSTANG 4 (M4)	5.8	56
CATALYST (NA-BT-1)	6.0	64	MVS-1107	5.5	20
CEZANNE RZ (LTP-CRL)	5.6	20	MVS-341	5.4	16
COCHISE IV (RKCL)	5.9	44	NINJA 3 (ATF 1247)	5.6	24
COL-1	5.5	16	PADRE	5.3	4
COMPETE (LS-06)	5.4	8	PATAGONIA (GWTF)	5.5	12
CORONA (COL-M)	5.7	32	PEDIGREE (ATF-1199)	5.6	16
CROSSFIRE 3 (COL-J)	5.5	12	PLATO	5.1	0
DARLINGTON (CS-TF1)	5.4	8	PSG-82BR	5.7	24
EINSTEIN	5.3	4	RAPTOR II (MVS-TF-158)	5.6	16
ESCALADE	5.6	12	REBEL IV	5.5	16
ESCALANTE (GO-1BFD)	5.3	8	REMBRANDT	5.4	20
ESSENTIAL (IS-TF-154)	5.9	52	RENDITION RX (PSG-RNDR)	5.3	8
FAITH (K06-WA)	5.9	60	RENOVATE (LS-11)	5.5	8
FALCON IV	5.5	12	REUNION (LS-03)	5.5	12
FALCON NG (CE 1)	5.6	16	RHAMBLER SRP (RHAMBLER)	5.9	64
FALCON V (ATM)	6.0	56	RK 4	5.9	52
FAT CAT (IS-TF-161)	5.7	16	RK 5	5.9	52
FINELAWN XPRESS (RP 2)	5.8	48	RNP	5.4	12
FIRECRACKER LS (MVS-MST)	5.9	56	ROCKET (IS-TF-147)	5.7	28
FIRENZA	5.7	40	SHENANDOAH ELITE (RK 6)	5.8	56
GARRISON (IS-TF-153)	5.8	28	SHENANDOAH III (SH 3)	5.8	40
GAZELLE II (PST-5HP)	5.7	32	SIDEWINDER (IS-TF-138)	5.8	48
GE-1	5.5	12	SILVERADO	4.6	0
GOLD MEDALLION (KZ-1)	5.6	12	SKYLINE	5.5	16
GREENBROOKS (TG 50-9460)	5.7	36	SPEEDWAY (STR-8BPDx)	5.9	48
HEMI	5.9	52	SPYDER LS (Z-2000)	5.8	44

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

2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF **/

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
SR 8650 (STR-8LMM)	5.6	24
STETSON II (NA-SS)	5.5	24
STR-8BB5	5.8	32
STR-8GRQR	5.7	12
SUNSET GOLD (KZ-2)	5.5	16
TAHOE II	5.4	12
TALLADEGA (RP 3)	5.7	24
TANZANIA (IS-TF-159)	5.9	44
TERRIER (IS-TF-135)	5.5	12
TITAN RX (PSG-TTST)	5.2	16
TITAN ULTRA (PSG-TTRH)	5.3	12
TITANIUM LS (MVS-BB-1)	5.6	4
TOCCOA (IS-TF-151)	5.7	32
TRAVERSE SRP (RK-1)	5.8	48
TRIO (IS-TF-152)	5.8	44
TULSA TIME (TULSA III)	5.7	40
TURBO	5.9	60
TURBO RZ (BURL-TF8)	5.5	16
UMBRELLA (DP 50-9411)	5.5	12
VAN GOGH (LTP-RK2)	5.9	52
VENTURE (J-140)	5.8	36
WOLFPACK II (PST-5WMB)	6.0	60
XTREMEGREEN (BGR-TF2)	5.5	24
LSD VALUE	0.2	
C.V. (%)	9.3	

*/ 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.