

## **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 2007-11

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Riverside	CA3
California	Sunnyvale	CA6
Georgia	Griffin	GA1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
Mississippi	Mississippi State	MS1
Nebraska	Mead	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic)	NJ3
New Mexico	Las Cruces	NM1
New Mexico	Las Cruces (Saline Irrigation)	NM2
North Carolina	Raleigh	NC1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
South Dakota	Highmore (Drought Study)	SD2
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach (Sod Strength)	VA4
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

**2006 NATIONAL TALL FESCUE TEST**  
**Entries and Sponsors**

Entry No. Name	Sponsor	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 Compa*y
*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 Blade Runner II (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 <sup>rd</sup> 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 (GO-1BFD)	Grassland Oregon	*112 Firenza	Integra Seeds
*33 Raptor II (MVS-TF-158)	Mountain View Seeds	*73 SR 8650 (STR-8LMM)	Seed Research of Oregon	*113 Falcon IV	Standard Entry
*34 Tanzania (IS-TF-159)	Grassland Oregon	74 Guardian 41 (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.

2007-2011 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
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA3	SANDY LOAM	7.1-7.5	0-60	0-150	3.1-4.0	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	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IA1	SILTY CLAY LOAM	6.6-7.0	0-60	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	151-240	2.1-3.0	DENSE SHADE	2.6-3.0	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	61-150	241-375	2.1-3.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
MO1	SILT LOAM AND SILT	5.6-6.0	0-60	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MS1	SANDY LOAM	7.1-7.5	151-270	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NC1	SILTY CLAY AND CLAY	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	376-500	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	271-450	376-500	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NM1	LOAMY SAND	7.1-7.5	0-60	0-150	5.1-6.0	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	4.6-5.5	-	-	1.1-2.0	FULL SUN	3.1-3.5	NO IRRIGATION
SD2	SILTY CLAY LOAM	7.1-7.5	0-60	501+	0.0-1.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
UT1	SANDY CLAY LOAM	7.6-8.5	61-15	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	5.6-6.0	0-60	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
VA4	SANDY LOAM	4.6-5.5	61-150	241-375	3.1-4.0	FULL SUN	3.6-4.0	ONLY DURING SEVERE STRESS
WA3	SANDY LOAM	5.6-6.0	0-60	241-375	4.1-5.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WI1	SILT LOAM AND SILT	6.6-7.0	61-150	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY



TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2007-2011

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
AR1			X	X	X	X	X	X	X	X			X		
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X		X
CA6	X	X	X	X	X	X	X	X	X	X	X	X			
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X		
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	X
IL2			X	X	X	X	X	X	X	X	X	X			
IN1				X	X	X	X	X	X	X	X	X	X		X
KS2			X	X	X	X	X	X	X	X	X	X	X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
MD1				X	X	X	X	X	X	X	X		X		
MN1				X	X	X	X	X	X	X			X	X	X
MO1			X	X	X	X	X	X	X	X	X	X	X		X
MS1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NE1					X	X	X	X	X	X	X		X	X	X
NJ1				X	X	X	X	X	X	X			X	X	X
NJ2				X	X	X	X	X	X	X	X		X	X	X
NJ3															
NM1		X	X	X	X	X	X	X	X	X	X	X	X	X	
NM2		X	X	X	X	X	X	X	X	X	X	X	X	X	
PA1					X	X	X	X	X	X			X	X	X
RI1				X	X	X	X	X	X	X	X		X	X	X
SD2					X	X	X	X	X	X					
TN1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UT1				X	X	X	X	X	X	X			X	X	X
VA1		X	X	X	X	X	X	X	X	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	X	X		X
WI1					X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2007-2011

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	STEM RUST
AR1		X	X	X	X	X	X							
CA3	X								X		X	X		
CA6				X										
GA1		X	X	X	X	X	X		X					
IA1					X	X								X
IL1													X	
IL2					X	X	X							
IN1			X				X							
KS2														
KY1	X		X			X	X		X					
MD1					X									
MN1											X			
MO1					X		X				X	X	X	
MS1									X				X	
NC1			X	X					X					
NE1		X	X	X									X	
NJ1	X											X		
NJ2														
NJ3														
NM1						X	X							
NM2						X	X							
PA1	X								X					
RI1					X	X								
SD2					X		X			X				
TN1					X	X	X		X					
TX1		X	X	X				X			X			
UT1														
VA1					X							X	X	
VA4					X						X	X		
WA3		X		X		X	X		X		X			
WI1										X				

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2007-2011

LOCATION	RED THREAD	BROWN PATCH WARM TEMP.	BROWN PATCH COOL TEMP.	PINK SNOW MOLD	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	PERCENT ESTABLISH- MENT	PERCENT SPRING GREENUP	SUMMER STRESS	PERCENT FALL FULLNESS
AR1 CA3 CA6		X							X			
GA1 IA1 IL1					X	X	X	X		X		
IL2 IN1 KS2		X X					X	X	X X			
KY1 MD1 MN1	X	X		X		X			X X		X	
MO1 MS1 NC1		X					X		X			
NE1 NJ1 NJ2		X X					X X		X X			X
NJ3 NM1 NM2					X X	X X	X X					
PA1 RI1 SD2	X	X							X X			
TN1 TX1 UT1			X		X	X	X	X X	X			
VA1 VA4 WA3	X	X X	X				X		X X X			
WI1				X			X		X			

LOCATIONS AND DATA COLLECTED IN 2007-2011

LOCATION	GROWTH RATE MEASUREMENT	GRAY SNOW MOLD	WINTER DENSITY	PERCENT INSECT DAMAGE	PERCENT GROUND COVER			PERCENT RECOVERY RATINGS FROM SUMMER DROUGHT DORMANCY				
					OCTOBER	NOVEMBER	DECEMBER	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
AR1												
CA3												
CA6												
GA1					X	X	X					
IA1												
IL1												
IL2												
IN1												
KS2												
KY1												
MD1												
MN1												
MO1												
MS1												
NC1												
NE1												
* NJ1												
NJ2												
* NJ3												
NM1												
NM2												
PA1												
RI1	X											
SD2												
* TN1				X								
* TX1								X	X	X	X	
* UT1		X										
VA1												
VA4												
* WA3			X					X	X			
WI1												

\* MORE TRAFFIC DATA FOR "NJ3" IN TABLE 11, MORE BROWN PATCH DATA FOR "NJ1" & "TN1" IN TABLE 50 & 51, MORE ESTABLISHMENT DATA FOR "TN1" & "TX1" IN TABLE 52 & 53, MORE PERCENT RECOVERY RATINGS FROM SUMMER DROUGHT DORMANCY FOR "UT1" IN TABLE 48, MORE POA ANNUA & NET BLOTCH DATA FOR "WA3" IN TABLE 54 & 55.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*\*  
 2007-11 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
* FAITH (K06-WA)	7.0	6.3	6.4	7.5	6.5	5.8	6.6	6.9	6.1	6.5	5.7	7.9	6.1	5.5	4.5	6.2
* FALCON V (ATM)	6.9	6.5	6.3	7.6	6.4	5.8	6.6	7.0	5.8	6.0	5.8	8.0	6.1	5.7	4.2	6.2
* COCHISE IV (RKCL)	7.0	6.3	6.3	7.4	6.7	6.1	6.5	6.9	5.7	6.4	5.3	7.9	6.3	5.5	4.1	6.2
* MONET (LTP-610 CL)	7.0	6.4	6.4	7.3	6.2	6.0	6.5	7.0	5.9	5.9	6.3	7.5	6.1	5.5	4.2	6.2
* LS 1200 (SC-1)	7.2	6.2	6.1	7.5	6.5	5.6	6.5	7.0	6.1	6.0	6.1	7.6	6.3	5.5	4.4	6.1
* RK 4	6.9	6.3	6.2	7.1	6.1	6.0	6.4	6.7	5.7	5.9	6.1	7.5	6.4	5.6	4.3	6.1
* WOLFPACK II (PST-5WMB)	7.0	6.2	6.2	7.1	6.2	5.6	6.5	6.8	5.9	5.7	6.2	7.4	6.3	5.4	4.5	6.1
* SHENANDOAH III (SH 3)	7.1	6.3	6.1	7.1	6.4	6.0	6.4	7.3	6.0	5.5	5.9	7.7	6.0	5.5	4.3	6.1
RK 5	6.9	6.3	6.3	7.2	6.4	5.7	6.5	7.2	6.3	5.9	6.0	7.6	6.1	5.3	4.0	6.1
* FIRECRACKER LS (MVS-MST)	6.9	6.3	6.6	7.5	6.5	5.5	6.4	7.0	6.1	6.0	6.0	7.8	6.0	5.4	3.9	6.0
* TURBO	6.9	5.9	6.1	7.3	6.5	5.8	6.4	6.8	5.7	5.9	6.3	7.7	6.2	5.3	3.9	6.0
* BULLSEYE	7.0	6.4	6.3	7.3	6.1	6.0	6.4	6.8	5.9	5.8	6.1	7.4	6.2	5.6	3.9	6.0
* SPYDER LS (Z-2000)	7.1	5.9	6.1	7.2	6.8	5.7	6.5	6.6	6.0	5.8	5.3	7.2	6.3	5.2	4.1	6.0
* CATALYST (NA-BT-1)	7.1	6.4	6.0	7.3	6.5	5.0	6.4	6.8	5.7	5.7	5.5	7.6	6.4	5.3	4.4	6.0
* SPEEDWAY (STR-8BPD)	7.1	6.3	5.8	7.0	6.3	5.5	6.3	7.0	5.8	5.8	6.0	7.3	6.1	5.3	4.1	6.0
* ESSENTIAL (IS-TF-154)	7.0	6.2	6.3	7.1	6.2	5.6	6.4	6.6	5.5	5.8	5.9	7.5	5.6	5.2	4.4	6.0
* SHENANDOAH ELITE (RK 6)	7.1	6.4	6.2	7.4	6.4	5.6	6.5	6.2	5.7	5.7	4.9	7.6	5.9	5.7	4.3	6.0
* RHAMBLER SRP (RHAMBLER)	7.2	6.1	5.8	7.2	6.1	5.3	6.5	7.2	5.6	5.9	5.7	7.4	6.4	5.4	4.2	6.0
* VAN GOGH (LTP-RK2)	6.9	6.1	6.0	7.0	6.5	5.8	6.4	6.5	5.6	6.0	5.9	7.3	6.3	5.2	4.1	6.0
* 3RD MILLENNIUM SRP	7.0	6.1	6.1	7.0	6.3	5.6	6.4	6.9	5.9	5.3	5.0	7.5	6.2	5.5	4.4	5.9
* HEMI	7.0	6.2	5.9	7.0	6.3	5.8	6.4	6.4	6.0	5.9	6.3	7.2	5.8	5.1	4.0	5.9
* CANNAVARO (DP 50-9440)	7.0	6.1	6.3	7.0	6.5	5.0	6.5	6.3	6.3	6.1	5.2	7.8	6.0	5.7	3.4	5.9
* FIRENZA	7.1	6.1	6.0	7.0	6.3	5.9	6.4	6.2	5.5	5.5	5.7	7.2	5.6	5.4	4.3	5.9
* JAMBOREE (IS-TF-128)	7.0	6.1	6.1	7.5	6.4	6.0	6.5	6.7	5.7	6.1	5.3	7.5	5.7	5.3	3.8	5.9
* TRAVERSE SRP (RK-1)	7.0	5.9	6.2	7.0	6.3	5.3	6.4	6.8	5.5	5.9	5.2	7.2	6.3	5.3	4.3	5.9
* MUSTANG 4 (M4)	7.1	6.1	6.0	7.1	6.1	5.3	6.5	6.5	6.4	5.6	5.3	7.3	6.1	5.3	4.0	5.9
* FAT CAT (IS-TF-161)	7.2	5.6	5.9	6.8	6.3	5.5	6.4	6.8	5.4	5.5	6.2	6.7	6.0	5.6	3.8	5.9
* FINELAWN XPRESS (RP 2)	6.9	6.0	5.8	7.1	5.9	5.6	6.4	6.4	5.2	5.6	5.0	7.1	5.9	5.5	4.2	5.9
* BRAVEHEART (DP 50-9407)	7.3	5.9	5.9	7.0	6.5	5.2	6.5	7.0	6.3	5.7	5.8	6.8	5.9	5.0	3.8	5.9
* GARRISON (IS-TF-153)	7.1	6.0	6.1	6.9	6.5	5.5	6.4	6.6	5.7	5.8	5.9	7.0	5.9	5.4	3.9	5.9
GUARDIAN 41 (STR-8BB5)	7.0	6.0	6.0	6.8	6.0	5.2	6.5	6.8	6.2	5.0	5.8	6.7	6.3	5.3	4.1	5.8
* TANZANIA (IS-TF-159)	6.9	5.6	6.2	7.3	6.4	5.2	6.3	6.5	5.5	6.0	5.8	7.0	6.2	5.6	3.7	5.8
* ROCKET (IS-TF-147)	7.0	5.7	5.9	7.1	5.9	5.5	6.3	6.7	5.9	5.3	6.0	6.8	5.7	5.1	3.9	5.8
* VENTURE (J-140)	6.9	5.8	5.9	6.7	6.1	5.5	6.4	6.8	5.8	5.2	5.9	7.2	5.9	5.1	4.0	5.8
* RAPTOR II (MVS-TF-158)	7.1	5.7	5.8	7.0	6.3	5.6	6.4	6.8	5.8	5.5	6.0	6.9	5.7	5.3	3.6	5.8
* ESCALADE	7.1	5.8	5.8	6.5	5.8	5.4	6.4	6.4	6.2	4.9	5.9	6.7	5.8	5.4	3.9	5.8
* GREENBROOKS (TG 50-9460)	7.0	6.0	6.0	6.8	6.0	5.3	6.4	6.2	6.0	5.3	5.7	7.3	5.8	5.4	3.6	5.8
* SIDEWINDER (IS-TF-138)	7.2	5.6	6.1	7.2	6.7	5.8	6.3	6.5	5.7	5.6	4.5	7.0	6.0	5.4	3.8	5.8
* CORONA (COL-M)	7.1	5.7	5.8	7.1	5.8	5.7	6.4	6.4	6.0	4.7	5.7	6.6	5.9	5.5	3.7	5.8
* BLADE RUNNER II (PSG-85QR)	6.9	6.1	5.7	6.7	6.2	5.1	6.5	6.4	6.0	5.3	5.6	7.2	5.9	5.2	3.9	5.8
* GAZELLE II (PST-5HP)	7.1	5.9	5.8	6.8	6.1	5.1	6.4	6.6	5.3	4.9	6.3	6.7	5.9	5.2	4.1	5.8
* TALLADEGA (RP 3)	7.1	6.0	6.0	7.1	6.2	5.5	6.4	6.3	5.9	5.5	4.9	6.8	6.3	5.4	3.7	5.8
* CEZANNE RZ (LTP-CRL)	6.9	5.8	5.7	6.8	5.6	5.4	6.3	6.6	5.6	4.9	6.1	6.4	6.1	5.4	4.1	5.8
* TOCCOA (IS-TF-151)	7.1	5.2	6.0	7.1	6.3	5.5	6.3	6.3	6.1	5.7	5.9	6.3	5.8	5.2	3.5	5.7

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*\*  
 2007-11 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
PSG-82BR	6.9	5.8	5.8	6.9	5.5	5.4	6.4	6.5	5.7	5.0	5.6	6.8	6.1	5.2	4.1	5.7
* SR 8650 (STR-8LMM)	7.0	5.8	5.8	6.8	6.3	5.1	6.3	6.3	5.6	5.0	5.8	6.7	5.6	5.4	4.2	5.7
* TRIO (IS-TF-152)	7.0	5.7	5.8	6.8	6.1	5.7	6.4	6.1	5.8	5.5	5.4	6.5	6.1	5.6	3.7	5.7
* TULSA TIME (TULSA III)	6.9	5.6	5.3	6.7	5.8	5.7	6.4	6.3	5.6	5.2	5.8	6.2	6.3	5.2	3.6	5.7
* TITANIUM LS (MVS-BB-1)	6.9	5.7	5.4	6.7	6.2	5.0	6.4	6.1	5.8	5.1	5.7	6.6	6.1	5.0	4.0	5.7
* UMBRELLA (DP 50-9411)	7.1	5.5	5.7	6.4	6.6	5.6	6.3	6.3	6.2	5.3	5.9	6.1	6.0	5.4	3.6	5.7
JT-36	7.1	5.8	5.7	6.7	5.0	5.3	6.3	6.1	6.0	4.6	5.9	6.4	5.8	5.5	3.9	5.7
JT-45	7.0	5.8	5.8	6.8	5.5	5.0	6.2	6.3	5.6	5.0	5.1	6.3	5.6	5.3	3.9	5.7
* JUSTICE	7.0	5.8	5.8	6.4	5.7	4.9	6.4	6.9	5.8	5.2	5.7	6.4	5.8	5.2	3.8	5.7
J-130	6.9	5.7	5.7	6.5	6.4	5.5	6.4	6.5	6.0	4.8	5.6	6.4	5.8	5.1	3.6	5.7
* TERRIER (IS-TF-135)	6.9	6.0	6.0	7.1	5.6	5.1	6.3	5.9	5.3	5.6	6.1	6.8	5.5	5.0	3.5	5.7
GE-1	6.9	5.9	5.7	6.4	6.2	5.2	6.4	6.5	5.8	5.0	6.1	6.2	6.0	5.1	3.7	5.7
* INTEGRITY (BGR-TF1)	7.0	5.6	5.9	6.8	5.6	5.8	6.3	6.3	5.4	5.0	5.6	6.2	5.6	5.6	3.7	5.7
* RNP	7.0	5.4	5.9	7.0	5.4	5.9	6.2	6.2	5.8	5.1	5.0	6.3	5.7	5.8	3.6	5.6
* TURBO RZ (BURL-TF8)	7.0	5.3	6.0	6.3	5.8	5.5	6.4	6.3	6.3	4.7	5.2	6.3	5.2	5.0	4.0	5.6
* AST9002 (AST-2)	7.0	5.6	5.9	6.8	6.0	5.5	6.4	6.3	6.0	4.3	5.2	6.4	5.7	5.8	3.6	5.6
* AST9003 (AST-1)	7.0	5.5	5.8	6.9	5.9	5.4	6.3	5.8	6.0	4.9	5.0	6.4	5.6	5.4	3.8	5.6
MVS-1107	6.9	5.7	5.7	6.5	6.0	5.0	6.3	5.9	6.3	4.6	6.3	6.3	5.8	4.9	3.9	5.6
* DARLINGTON (CS-TF1)	7.1	5.5	5.8	6.5	5.8	5.2	6.2	6.3	5.8	4.9	5.7	6.1	5.8	5.7	3.7	5.6
* FALCON NG (CE 1)	6.9	6.0	5.8	6.6	5.9	5.5	6.4	6.6	5.1	4.8	5.3	6.7	5.9	5.2	3.6	5.6
JT-42	7.1	5.7	5.8	6.4	5.8	5.2	6.4	6.5	6.0	4.8	5.4	6.0	5.7	5.2	3.7	5.6
* COMPETE (LS-06)	7.1	5.2	5.8	6.5	6.0	5.7	6.4	6.3	5.8	4.8	5.0	6.4	5.3	5.6	3.7	5.6
* NINJA 3 (ATF 1247)	6.9	5.4	5.9	6.4	5.6	5.7	6.4	6.2	5.7	5.0	5.8	5.9	5.9	5.1	3.6	5.6
* PEDIGREE (ATF-1199)	7.0	5.7	5.8	6.5	5.9	5.3	6.4	6.7	5.8	4.9	6.3	6.1	5.7	5.2	3.4	5.6
* AST 7002	7.0	5.6	5.8	6.7	5.7	5.4	6.4	6.3	5.7	4.8	5.7	6.0	5.8	5.5	3.5	5.6
* GOLD MEDALLION (KZ-1)	7.1	5.7	5.7	7.2	5.6	5.3	6.3	6.2	5.6	4.9	5.9	6.3	5.4	5.7	3.5	5.6
* SKYLINE	6.8	5.6	5.8	6.4	5.4	5.1	6.3	6.4	5.8	4.8	5.8	5.9	5.7	5.2	4.0	5.6
* XTREMEGREEN (BGR-TF2)	7.0	5.5	5.6	6.7	5.6	5.3	6.4	6.1	5.9	4.9	6.2	5.9	5.6	5.6	3.5	5.6
BAR FA 6253	7.1	5.7	5.9	7.0	6.0	5.1	6.4	6.1	5.6	4.8	5.5	6.3	5.8	5.1	3.8	5.6
* REUNION (LS-03)	7.1	5.5	5.9	7.1	5.8	5.5	6.3	6.1	5.7	4.8	5.1	6.0	5.5	5.6	3.5	5.6
* HONKY TONK (RAD-TF17)	6.8	5.6	5.7	6.5	5.5	5.4	6.2	6.5	5.6	5.2	5.7	6.2	5.9	5.0	3.7	5.6
* AST9001 (AST-3)	7.1	5.4	5.6	7.0	5.8	5.7	6.2	6.2	5.3	4.8	5.3	6.5	5.5	5.5	3.6	5.6
* RENOVATE (LS-11)	6.8	5.7	5.9	6.3	5.8	5.4	6.4	6.1	5.6	4.9	5.2	5.8	5.7	5.9	3.6	5.6
* SUNSET GOLD (KZ-2)	7.0	5.3	5.9	6.7	5.8	5.4	6.4	6.2	5.6	4.7	5.5	6.3	5.6	5.4	3.4	5.6
* KY-41 (JT-41)	6.9	5.5	5.7	6.5	5.4	5.2	6.3	6.3	5.9	5.0	5.8	6.2	5.6	5.5	3.7	5.6
STR-8GRQR	6.9	5.9	5.5	6.5	5.7	5.3	6.4	6.2	5.7	4.8	6.0	6.6	6.1	5.0	3.5	5.6
* LS 1010 (ATF 1328)	6.8	5.4	5.5	6.5	5.9	5.7	6.3	6.1	5.6	5.0	6.5	6.1	5.8	5.2	3.4	5.6
* FALCON IV	7.0	5.7	5.6	6.3	6.0	5.3	6.4	6.3	5.3	4.9	5.8	6.5	5.6	5.1	3.7	5.6
* HUDSON (DKS)	7.1	5.6	5.6	6.6	5.4	5.5	6.3	6.0	5.8	4.4	6.1	6.2	5.6	5.5	3.3	5.6
COL-1	7.0	5.8	5.6	6.8	5.8	4.9	6.3	6.2	5.8	4.6	5.4	6.3	5.6	5.3	3.6	5.5
* REMBRANDT	6.9	5.7	5.4	5.9	5.7	5.3	6.4	6.4	5.8	4.4	5.7	5.9	5.8	5.1	3.7	5.5
06-DUST	6.9	5.6	5.6	6.4	5.2	5.2	6.4	6.5	5.9	4.4	5.2	6.1	5.8	4.9	3.8	5.5
* REBEL IV	7.0	5.8	5.8	6.2	5.7	5.0	6.3	6.5	5.8	4.8	5.4	6.3	5.6	5.2	3.7	5.5
* AST7003	7.0	5.5	5.6	6.5	5.4	5.1	6.3	6.0	5.5	4.6	5.5	5.9	5.8	5.5	3.7	5.5
STETSON II (NA-SS)	7.1	5.2	5.7	6.3	6.0	5.1	6.4	5.7	5.9	4.8	5.7	5.9	5.9	5.3	3.6	5.5

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2007-11 DATA

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

NAME	AR1	CA3	CA6	KY1	MD1	MN1	MS1	NC1	NE1	NJ2	NM1	PA1	TX1	UT1	WA3	MEAN
MVS-341	6.8	5.6	5.7	6.1	5.7	5.0	6.3	5.8	5.8	4.9	5.6	6.2	6.0	5.1	3.7	5.5
* PATAGONIA (GWTF)	7.0	5.4	5.3	6.8	5.5	5.5	6.2	6.6	5.8	4.8	5.7	6.2	5.9	5.4	3.3	5.5
* AST1001 (AST-4)	6.9	5.2	5.6	6.7	5.3	5.5	6.3	5.6	5.4	4.6	5.0	6.4	5.8	5.8	3.5	5.5
* TAHOE II	6.9	5.1	5.6	6.4	5.9	4.8	6.2	6.3	5.7	4.7	5.6	5.8	5.7	5.0	3.6	5.5
* MAGELLAN	6.9	5.6	5.5	6.0	5.9	5.3	6.4	6.2	5.6	4.4	6.0	5.8	5.5	5.0	3.7	5.5
* TITAN ULTRA (PSG-TTRH)	7.1	5.6	5.8	6.3	5.3	5.0	6.3	5.9	5.6	4.8	5.0	6.0	5.2	5.4	3.7	5.5
* ESCALANTE (GO-1BFD)	6.9	5.8	5.5	6.2	5.5	4.4	6.5	6.1	5.5	4.4	5.9	5.6	5.6	4.7	4.1	5.5
* EINSTEIN	6.8	5.3	5.5	6.2	5.4	4.9	6.4	5.7	5.7	4.5	5.9	5.7	5.7	5.2	3.6	5.5
JT-33	7.1	5.5	5.7	6.3	5.3	5.3	6.3	6.2	5.6	4.6	5.1	6.1	5.4	5.3	3.6	5.5
* PADRE	6.8	5.8	5.7	6.2	5.4	5.3	6.4	6.0	5.4	4.1	4.8	6.1	5.4	5.3	4.1	5.4
* CROSSFIRE 3 (COL-J)	7.0	5.3	5.5	6.5	5.5	5.4	6.3	6.0	5.7	4.7	5.2	6.3	5.4	5.6	3.2	5.4
* AST 7001	7.0	5.0	5.4	6.2	5.3	5.3	6.2	6.3	5.7	4.6	5.3	5.8	5.7	5.3	3.4	5.4
* HUNTER	7.1	5.4	5.5	6.3	5.6	5.3	6.2	6.0	5.5	4.2	4.6	5.6	5.8	5.4	3.4	5.4
06-WALK	6.9	5.4	5.5	6.4	5.3	4.9	6.2	5.6	5.6	4.0	5.7	5.5	5.5	4.8	3.7	5.3
* LINDBERGH	6.8	5.6	5.4	5.6	5.4	4.9	6.4	5.7	5.6	4.0	5.9	5.6	5.7	5.2	3.3	5.3
* BILTMORE	6.9	5.2	5.5	5.9	5.3	5.0	6.3	5.8	5.6	4.0	5.3	5.7	5.5	4.9	3.5	5.3
BAR FA 6363	6.9	5.2	5.5	5.8	5.0	5.0	6.3	5.7	5.6	4.7	5.9	4.7	5.8	5.2	3.6	5.3
0312	6.8	5.6	5.7	6.4	5.4	5.1	6.1	5.5	5.9	4.4	5.0	5.6	5.1	4.9	3.3	5.3
* RENDITION RX (PSG-RNDR)	7.1	5.4	5.6	6.1	5.3	5.0	6.2	5.4	5.6	4.4	5.1	5.4	5.7	5.0	3.2	5.3
* PLATO	7.0	5.6	5.4	5.8	4.9	4.3	6.2	5.4	5.7	3.8	5.3	5.6	5.6	4.8	3.5	5.2
* TITAN RX (PSG-TTST)	6.8	5.4	5.2	6.1	5.4	4.2	6.2	5.7	5.7	3.6	5.3	4.9	5.6	4.8	3.5	5.2
* ARISTOTLE	6.9	4.9	5.0	5.7	5.1	4.6	6.1	5.5	5.6	3.8	5.6	4.8	5.3	4.8	3.4	5.1
* SILVERADO	6.6	5.1	4.9	5.4	4.7	3.2	5.8	5.0	5.2	3.0	5.3	4.5	5.3	4.2	3.5	4.8
* KY-31	5.1	4.4	2.4	3.8	2.9	1.1	4.6	3.5	4.6	1.8	3.8	2.4	3.7	3.1	2.8	3.5
LSD VALUE	0.5	0.6	0.6	0.7	0.8	0.9	0.3	1.1	1.0	0.8	1.4	0.6	0.8	0.7	0.7	0.3
C.V. (%)	4.8	7.2	5.9	6.2	8.9	10.7	3.1	11.0	10.5	9.4	15.7	6.1	9.2	8.0	11.6	8.9

\* 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" \*  
 2007-11 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
BULLSEYE	5.9	6.6	6.4	7.0	4.8	6.2	7.9	6.3	7.5	6.1	7.3	7.3	6.6
CATALYST (NA-BT-1)	5.9	6.8	6.5	7.0	4.8	6.3	7.7	6.2	7.3	5.9	6.5	7.7	6.5
WOLFPACK II (PST-5WMB)	6.0	6.9	6.7	6.6	5.2	5.9	7.6	6.0	7.4	5.8	6.6	7.6	6.5
FALCON V (ATM)	5.9	7.0	6.5	6.9	4.6	6.2	7.5	6.1	7.2	5.9	6.6	7.6	6.5
LS 1200 (SC-1)	6.0	6.7	6.2	7.0	5.1	5.9	7.0	6.5	7.4	6.2	6.8	7.2	6.5
FAITH (K06-WA)	5.9	6.9	6.3	6.8	4.9	5.9	7.3	6.3	7.5	5.9	6.5	7.6	6.5
RHAMBLER SRP (RHAMBLER)	6.0	6.9	6.7	6.8	4.8	6.0	7.1	6.0	7.3	6.0	6.8	7.1	6.4
TURBO	5.7	6.7	6.5	6.8	5.1	6.0	7.6	6.6	7.3	6.0	6.6	6.4	6.4
MONET (LTP-610 CL)	6.1	6.8	6.1	6.9	4.5	6.2	7.4	6.3	7.2	5.6	6.8	7.2	6.4
RK 5	5.9	6.9	6.4	6.8	4.8	5.6	7.7	6.1	7.3	5.6	6.9	7.1	6.4
TALLADEGA (RP 3)	5.7	6.6	6.6	6.6	5.3	6.1	6.8	6.1	7.0	5.9	6.9	7.4	6.4
SHENANDOAH ELITE (RK 6)	5.2	6.9	6.2	6.9	4.9	6.3	7.2	6.1	7.4	6.0	6.7	7.0	6.4
COCHISE IV (RKCL)	5.9	6.5	6.3	7.0	5.1	5.7	7.8	5.9	7.2	5.5	6.7	7.2	6.4
FIRENZA	6.0	6.6	6.6	6.7	4.7	6.1	7.0	6.0	7.2	5.9	6.7	7.1	6.4
3RD MILLENNIUM SRP	5.8	6.7	6.6	6.9	4.7	6.2	6.9	6.0	7.1	5.8	6.9	7.2	6.4
MUSTANG 4 (M4)	5.7	6.9	6.4	6.4	4.6	6.1	7.4	6.1	7.2	6.0	6.9	7.0	6.4
FIRECRACKER LS (MVS-MST)	5.5	6.7	6.3	6.7	5.0	5.8	7.3	6.0	7.4	5.8	6.5	7.6	6.4
TANZANIA (IS-TF-159)	6.4	6.3	6.2	6.9	4.4	5.8	7.2	6.1	7.3	5.3	7.5	7.5	6.4
GARRISON (IS-TF-153)	6.1	6.7	6.4	6.7	4.4	6.0	7.0	6.4	7.3	5.6	6.6	7.4	6.4
FINELAWN XPRESS (RP 2)	5.7	6.9	6.4	6.7	5.0	6.1	7.1	5.9	7.3	5.9	6.3	6.9	6.4
SHENANDOAH III (SH 3)	5.4	6.6	6.4	6.8	4.8	6.0	6.9	6.3	7.3	5.9	7.0	7.2	6.4
SIDEWINDER (IS-TF-138)	6.0	6.4	5.9	6.8	4.8	5.8	6.6	6.3	7.3	5.4	7.4	7.7	6.3
TRAVERSE SRP (RK-1)	5.9	6.8	6.5	6.7	4.7	6.2	6.9	6.0	7.3	5.7	6.9	6.7	6.3
HEMI	5.9	6.5	6.6	6.8	4.5	6.3	7.2	6.0	7.2	5.6	6.4	6.9	6.3
SPEEDWAY (STR-8BPDx)	5.9	6.9	6.4	6.5	4.8	5.8	7.3	6.0	7.2	5.8	6.7	6.7	6.3
SPYDER LS (Z-2000)	5.7	6.7	6.4	6.6	4.7	5.7	7.0	6.5	7.3	5.8	7.0	6.5	6.3
TRIO (IS-TF-152)	5.7	6.7	6.3	6.6	4.7	5.9	6.0	6.3	7.4	5.9	7.4	7.1	6.3
VENTURE (J-140)	5.6	6.5	6.8	6.7	4.8	5.7	6.7	6.0	7.2	5.6	6.6	7.3	6.3
ESSENTIAL (IS-TF-154)	5.9	6.5	6.3	6.7	4.6	5.9	7.2	5.9	7.0	5.6	6.4	7.5	6.3
VAN GOGH (LTP-RK2)	5.7	6.5	6.4	6.7	4.5	5.8	7.2	5.9	7.4	5.5	7.1	7.0	6.3
RK 4	6.0	6.5	6.2	6.6	4.7	5.6	7.1	6.0	7.2	5.3	7.0	7.3	6.3
GREENBROOKS (TG 50-9460)	5.6	6.6	6.2	6.7	4.8	5.6	7.2	6.2	7.2	5.5	6.5	7.0	6.3
BRAVEHEART (DP 50-9407)	6.0	6.7	6.2	6.6	5.3	5.9	6.6	5.8	7.2	5.5	6.8	6.7	6.3
JAMBOREE (IS-TF-128)	5.4	6.6	6.2	7.1	4.6	5.9	7.0	6.4	7.3	5.5	6.6	6.6	6.2
TULSA TIME (TULSA III)	5.9	6.6	6.4	6.6	4.8	5.7	5.9	5.9	7.1	5.7	6.7	7.7	6.2
GAZELLE II (PST-5HP)	6.0	6.5	6.7	6.6	4.8	5.9	6.2	5.6	7.3	6.0	6.7	6.9	6.2
CORONA (COL-M)	5.6	6.3	6.4	6.6	5.0	5.9	6.2	6.1	7.0	5.6	6.5	7.7	6.2
TITANIUM LS (MVS-BB-1)	5.8	6.7	6.4	6.3	4.5	5.9	6.1	5.7	7.1	5.8	6.8	7.8	6.2
SR 8650 (STR-8LMM)	5.7	6.6	6.4	6.5	5.0	6.0	6.4	5.8	7.3	5.7	6.3	7.2	6.2
GUARDIAN 41 (STR-8BB5)	5.4	6.5	6.3	6.3	4.8	5.7	6.7	5.8	7.2	5.8	6.7	7.6	6.2
RAPTOR II (MVS-TF-158)	5.8	6.4	6.1	6.9	4.8	5.8	6.7	6.0	7.1	5.6	7.0	6.6	6.2
CANNAVARO (DP 50-9440)	5.5	6.5	6.2	6.9	4.5	5.6	7.4	6.1	7.2	5.3	6.6	6.8	6.2
ROCKET (IS-TF-147)	5.9	6.5	6.4	6.6	4.6	5.9	6.5	5.8	7.2	5.5	6.3	6.9	6.2
INTEGRITY (BGR-TF1)	6.0	6.2	6.4	6.2	4.6	5.5	5.9	5.8	7.2	5.6	6.8	7.5	6.1



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" \*  
2007-11 DATA

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

NAME	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
AST9003 (AST-1)	5.6	6.3	6.5	6.4	4.7	5.7	5.4	5.9	7.2	5.8	6.6	7.5	6.1
REUNION (LS-03)	5.6	6.1	6.4	6.5	4.9	5.6	6.2	5.9	7.1	5.5	6.7	7.2	6.1
CROSSFIRE 3 (COL-J)	5.3	6.5	6.4	6.6	4.8	5.8	5.4	5.8	7.0	5.4	6.5	7.9	6.1
FAT CAT (IS-TF-161)	5.8	6.1	6.4	6.6	4.5	5.8	5.5	6.0	7.2	5.8	6.7	7.1	6.1
BLADE RUNNER II (PSG-85QR)	5.8	6.4	6.4	6.4	4.8	5.9	6.0	5.9	7.1	5.6	6.1	6.9	6.1
ESCALADE	5.5	6.5	6.2	6.3	4.5	5.7	6.1	5.7	7.1	5.6	6.6	7.7	6.1
COL-1	5.2	6.3	6.1	6.5	4.8	6.1	5.6	5.8	7.3	5.5	6.7	7.5	6.1
PSG-82BR	5.8	6.2	6.4	6.3	4.9	5.6	6.2	5.7	7.1	5.4	6.4	7.2	6.1
AST9001 (AST-3)	5.6	6.3	6.4	6.5	4.9	6.1	5.5	5.9	7.1	5.4	6.6	7.0	6.1
RENOVATE (LS-11)	5.7	6.3	6.5	6.4	4.6	5.7	5.6	6.3	6.9	5.7	6.7	6.9	6.1
PATAGONIA (GWTF)	5.9	6.4	6.4	6.5	4.8	5.8	5.2	6.1	7.2	5.5	7.2	6.4	6.1
BAR FA 6253	5.3	6.5	6.4	6.3	5.1	5.8	5.7	5.9	7.0	5.6	6.5	6.9	6.1
FALCON NG (CE 1)	5.8	6.5	6.5	6.4	4.6	5.6	6.0	5.5	7.3	5.6	6.3	6.9	6.1
XTREMEGREEN (BGR-TF2)	5.8	6.2	6.7	6.3	4.6	5.7	5.1	6.0	7.2	5.6	6.6	7.3	6.1
SKYLINE	6.1	6.4	6.5	6.0	4.6	5.8	5.5	5.9	7.2	5.5	6.6	7.0	6.1
REBEL IV	5.8	6.6	6.3	6.3	5.0	5.7	5.6	5.9	7.0	5.4	6.9	6.7	6.1
STETSON II (NA-SS)	5.6	6.4	6.4	6.2	4.3	5.8	5.1	6.1	7.0	5.6	6.8	7.7	6.1
PEDIGREE (ATF-1199)	5.5	6.3	6.6	6.4	4.8	5.9	5.4	5.8	7.0	5.6	6.7	7.0	6.1
CEZANNE RZ (LTP-CRL)	6.1	6.3	6.4	6.2	4.3	5.5	6.1	5.6	7.4	5.5	6.7	6.8	6.1
HUDSON (DKS)	5.5	6.2	6.3	6.6	4.8	5.7	5.8	6.0	7.0	5.6	6.7	6.9	6.1
GOLD MEDALLION (KZ-1)	5.8	6.4	6.3	6.2	4.1	6.1	5.5	6.0	7.1	5.6	6.5	7.2	6.1
TERRIER (IS-TF-135)	5.6	6.6	6.3	6.6	4.7	5.6	5.7	5.6	7.0	5.6	6.5	6.8	6.0
AST 7002	5.9	6.4	6.5	6.3	4.1	6.2	5.2	5.9	7.2	5.5	6.3	7.1	6.0
JUSTICE	5.4	6.5	6.6	6.4	4.3	5.7	5.7	5.5	6.9	5.7	6.9	7.0	6.0
KY-41 (JT-41)	5.8	6.3	6.1	6.4	4.5	6.0	5.9	5.7	7.0	5.5	6.2	6.9	6.0
HONKY TONK (RAD-TF17)	5.4	6.4	6.6	6.1	4.9	6.0	5.5	5.8	7.2	5.3	6.5	6.9	6.0
TOCCOA (IS-TF-151)	5.7	6.3	6.0	6.7	4.3	5.9	5.4	6.2	7.1	5.1	6.6	7.3	6.0
AST1001 (AST-4)	5.9	6.2	6.4	6.8	4.1	5.9	5.5	6.1	7.2	5.5	6.5	6.4	6.0
AST9002 (AST-2)	5.9	6.7	6.3	6.6	4.5	5.7	5.2	6.0	7.1	5.5	6.7	6.2	6.0
SUNSET GOLD (KZ-2)	5.9	6.2	6.3	6.3	4.9	5.8	5.3	6.1	7.1	5.5	6.6	6.2	6.0
JT-36	5.9	6.3	6.2	6.3	4.7	5.7	5.5	5.7	7.1	5.4	6.3	7.2	6.0
J-130	5.5	6.1	6.5	6.2	4.6	5.7	5.8	6.0	7.1	5.3	7.3	6.5	6.0
GE-1	6.4	6.6	6.2	6.3	4.4	5.3	5.8	5.5	7.2	5.7	6.3	6.6	6.0
TURBO RZ (BURL-TF8)	5.6	6.3	6.2	6.5	5.0	6.0	5.3	5.9	7.2	5.5	6.3	6.3	6.0
RNP	5.5	6.3	6.4	6.3	4.7	5.8	5.9	5.8	7.2	5.5	6.2	6.4	6.0
AST7003	5.6	6.2	6.3	6.4	4.5	5.7	5.4	5.9	7.2	5.5	6.7	6.7	6.0
FALCON IV	5.9	6.4	6.4	6.2	4.5	6.0	5.5	5.6	7.2	5.7	6.5	6.1	6.0
STR-8GRQR	5.6	6.4	6.2	6.1	5.0	5.7	4.8	5.8	7.1	5.5	6.7	7.2	6.0
COMPETE (LS-06)	5.6	6.4	6.2	6.5	4.4	5.6	5.9	6.0	7.0	5.6	6.1	6.4	6.0
LS 1010 (ATF 1328)	6.0	6.1	6.1	6.3	4.5	5.4	5.3	6.0	7.3	5.5	6.3	7.2	6.0
06-DUST	5.4	6.4	6.3	6.1	4.4	5.7	5.4	5.8	7.1	5.5	6.8	7.3	6.0
UMBRELLA (DP 50-9411)	5.1	6.3	6.1	6.5	4.9	5.9	5.8	6.2	7.1	5.5	6.7	6.0	6.0
DARLINGTON (CS-TF1)	5.6	6.2	6.5	6.4	4.4	6.1	5.0	5.9	7.0	5.4	6.7	6.6	6.0
JT-42	5.8	6.4	6.4	6.4	4.6	5.6	5.5	5.8	7.1	5.4	6.4	6.6	6.0
NINJA 3 (ATF 1247)	5.8	6.3	6.3	6.3	4.4	5.5	5.6	5.6	7.1	5.2	6.5	7.3	6.0

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" \*  
2007-11 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	GA1	IA1	IL1	IN1	KS2	MO1	NJ1	RI1	TN1	VA1	VA4	WI1	MEAN
AST 7001	5.8	6.0	6.2	6.4	4.8	6.0	4.6	5.7	7.2	5.6	6.9	6.7	6.0
MVS-1107	5.9	6.4	6.2	6.2	5.1	5.3	5.5	5.5	7.1	5.6	6.4	6.4	5.9
JT-45	5.6	6.4	6.2	6.3	4.6	5.4	6.0	5.7	6.9	5.5	6.2	6.6	5.9
JT-33	5.4	6.1	6.7	6.4	5.0	5.4	5.1	5.6	6.9	5.3	6.6	7.1	5.9
TITAN ULTRA (PSG-TTRH)	5.4	6.3	6.3	6.2	5.2	5.5	4.8	5.4	7.0	5.7	6.5	6.9	5.9
PADRE	5.6	6.3	6.3	6.3	4.4	5.6	5.4	5.5	7.1	5.2	6.3	7.1	5.9
HUNTER	5.2	6.3	6.5	6.4	4.9	5.7	4.8	5.5	7.0	5.2	6.7	6.8	5.9
MVS-341	5.8	6.2	6.3	6.0	4.4	5.4	5.1	6.2	7.0	5.4	6.5	6.5	5.9
TAHOE II	5.5	6.2	6.3	6.1	4.6	5.5	5.1	5.9	6.9	5.3	6.6	6.6	5.9
REMBRANDT	5.7	6.4	6.4	5.9	4.8	5.5	4.9	5.8	6.9	5.5	6.2	6.3	5.9
BILTMORE	5.4	6.2	6.1	6.0	4.8	5.6	4.9	5.4	7.0	5.3	6.8	6.6	5.8
MAGELLAN	5.5	6.3	6.5	6.0	4.4	5.3	4.4	5.6	7.1	5.6	6.5	6.7	5.8
RENDITION RX (PSG-RNDR)	5.8	6.1	6.1	5.9	4.5	5.7	4.5	5.3	7.0	5.8	6.6	6.8	5.8
EINSTEIN	5.5	6.3	6.2	6.3	4.8	5.3	4.4	5.2	7.0	5.3	6.3	6.8	5.8
BAR FA 6363	5.4	6.3	6.4	5.9	4.3	5.4	4.4	5.4	7.2	5.3	6.4	6.8	5.7
0312	5.1	6.3	6.2	6.1	4.4	5.6	4.9	5.6	7.0	5.3	6.5	6.2	5.7
06-WALK	5.4	6.1	6.0	5.6	4.5	5.5	4.7	5.4	7.0	5.4	6.5	7.0	5.7
ESCALANTE (GO-1BFD)	5.6	6.5	6.2	6.0	4.3	5.5	4.2	5.5	7.2	5.6	6.1	5.9	5.7
LINDBERGH	5.2	5.9	6.3	6.0	4.7	5.3	4.1	5.1	7.2	5.5	6.8	6.3	5.7
TITAN RX (PSG-TTST)	5.4	6.3	5.8	5.7	4.6	5.5	4.0	5.2	7.2	5.4	6.5	6.1	5.6
PLATO	5.2	6.0	6.1	5.9	4.3	4.9	3.7	5.0	7.0	5.3	6.3	6.6	5.5
ARISTOTLE	5.5	6.1	5.9	5.8	4.6	5.1	3.4	5.1	6.8	5.0	6.1	6.5	5.5
SILVERADO	5.1	5.8	5.0	5.4	3.7	4.8	3.0	4.2	6.7	4.9	6.4	5.0	4.9
KY-31	4.7	4.5	2.9	3.9	2.9	3.6	1.1	2.4	5.7	4.5	5.4	2.8	3.6
LSD VALUE	0.7	0.7	0.8	0.5	0.9	0.7	1.1	0.7	0.5	0.7	0.5	1.6	0.3
C.V. (%)	7.8	6.7	8.0	5.3	13.0	8.0	11.9	7.4	4.2	8.1	4.3	14.3	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  
2007-2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
FAITH (K06-WA)	7.3	6.5	7.9	6.3	7.0
COCHISE IV (RKCL)	7.8	6.4	7.9	5.9	7.0
TURBO	7.6	5.9	7.7	6.6	6.9
FALCON V (ATM)	7.5	6.0	8.0	6.1	6.9
BULLSEYE	7.9	5.8	7.4	6.3	6.9
CANNAVARO (DP 50-9440)	7.4	6.1	7.8	6.1	6.9
RK 5	7.7	5.9	7.6	6.1	6.8
MONET (LTP-610 CL)	7.4	5.9	7.5	6.3	6.8
LS 1200 (SC-1)	7.0	6.0	7.6	6.5	6.8
CATALYST (NA-BT-1)	7.7	5.7	7.6	6.2	6.8
FIRECRACKER LS (MVS-MST)	7.3	6.0	7.8	6.0	6.8
JAMBOREE (IS-TF-128)	7.0	6.1	7.5	6.4	6.7
WOLFPACK II (PST-5WMB)	7.6	5.7	7.4	6.0	6.7
SHENANDOAH ELITE (RK 6)	7.2	5.7	7.6	6.1	6.6
RK 4	7.1	5.9	7.5	6.0	6.6
SPYDER LS (Z-2000)	7.0	5.8	7.2	6.5	6.6
MUSTANG 4 (M4)	7.4	5.6	7.3	6.1	6.6
SPEEDWAY (STR-8BPDx)	7.3	5.8	7.3	6.0	6.6
ESSENTIAL (IS-TF-154)	7.2	5.8	7.5	5.9	6.6
SHENANDOAH III (SH 3)	6.9	5.5	7.7	6.3	6.6
VAN GOGH (LTP-RK2)	7.2	6.0	7.3	5.9	6.6
HEMI	7.2	5.9	7.2	6.0	6.6
TANZANIA (IS-TF-159)	7.2	6.0	7.0	6.1	6.6
RHAMBLER SRP (RHAMBLER)	7.1	5.9	7.4	6.0	6.6
GREENBROOKS (TG 50-9460)	7.2	5.3	7.3	6.2	6.5
GARRISON (IS-TF-153)	7.0	5.8	7.0	6.4	6.5
TRAVERSE SRP (RK-1)	6.9	5.9	7.2	6.0	6.5
FINELAWN XPRESS (RP 2)	7.1	5.6	7.1	5.9	6.5
FIRENZA	7.0	5.5	7.2	6.0	6.4
3RD MILLENNIUM SRP	6.9	5.3	7.5	6.0	6.4
SIDEWINDER (IS-TF-138)	6.6	5.6	7.0	6.3	6.4
TALLADEGA (RP 3)	6.8	5.5	6.8	6.1	6.3
VENTURE (J-140)	6.7	5.2	7.2	6.0	6.3
RAPTOR II (MVS-TF-158)	6.7	5.5	6.9	6.0	6.3
BRAVEHEART (DP 50-9407)	6.6	5.7	6.8	5.8	6.2
BLADE RUNNER II (PSG-85QR)	6.0	5.3	7.2	5.9	6.1
ROCKET (IS-TF-147)	6.5	5.3	6.8	5.8	6.1
TRIO (IS-TF-152)	6.0	5.5	6.5	6.3	6.1
GUARDIAN 41 (STR-8BB5)	6.7	5.0	6.7	5.8	6.0
SR 8650 (STR-8LMM)	6.4	5.0	6.7	5.8	6.0
TERRIER (IS-TF-135)	5.7	5.6	6.8	5.6	5.9
FAT CAT (IS-TF-161)	5.5	5.5	6.7	6.0	5.9
PSG-82BR	6.2	5.0	6.8	5.7	5.9
CORONA (COL-M)	6.2	4.7	6.6	6.1	5.9

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT FOUR LOCATIONS 1/  
IN THE NORTHEAST REGION  
2007-2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
TOCCOA (IS-TF-151)	5.4	5.7	6.3	6.2	5.9
TITANIUM LS (MVS-BB-1)	6.1	5.1	6.6	5.7	5.9
GAZELLE II (PST-5HP)	6.2	4.9	6.7	5.6	5.9
UMBRELLA (DP 50-9411)	5.8	5.3	6.1	6.2	5.9
ESCALADE	6.1	4.9	6.7	5.7	5.8
TULSA TIME (TULSA III)	5.9	5.2	6.2	5.9	5.8
COMPETE (LS-06)	5.9	4.8	6.4	6.0	5.8
RNP	5.9	5.1	6.3	5.8	5.8
FALCON NG (CE 1)	6.0	4.8	6.7	5.5	5.8
JT-45	6.0	5.0	6.3	5.7	5.8
CEZANNE RZ (LTP-CRL)	6.1	4.9	6.4	5.6	5.7
J-130	5.8	4.8	6.4	6.0	5.7
JUSTICE	5.7	5.2	6.4	5.5	5.7
REUNION (LS-03)	6.2	4.8	6.0	5.9	5.7
INTEGRITY (BGR-TF1)	5.9	5.0	6.2	5.8	5.7
KY-41 (JT-41)	5.9	5.0	6.2	5.7	5.7
BAR FA 6253	5.7	4.8	6.3	5.9	5.7
GOLD MEDALLION (KZ-1)	5.5	4.9	6.3	6.0	5.7
HONKY TONK (RAD-TF17)	5.5	5.2	6.2	5.8	5.7
RENOVATE (LS-11)	5.6	4.9	5.8	6.3	5.7
REBEL IV	5.6	4.8	6.3	5.9	5.7
AST9003 (AST-1)	5.4	4.9	6.4	5.9	5.7
AST9001 (AST-3)	5.5	4.8	6.5	5.9	5.7
FALCON IV	5.5	4.9	6.5	5.6	5.6
AST1001 (AST-4)	5.5	4.6	6.4	6.1	5.6
SUNSET GOLD (KZ-2)	5.3	4.7	6.3	6.1	5.6
GE-1	5.8	5.0	6.2	5.5	5.6
HUDSON (DKS)	5.8	4.4	6.2	6.0	5.6
MVS-341	5.1	4.9	6.2	6.2	5.6
LS 1010 (ATF 1328)	5.3	5.0	6.1	6.0	5.6
PATAGONIA (GWTF)	5.2	4.8	6.2	6.1	5.6
CROSSFIRE 3 (COL-J)	5.4	4.7	6.3	5.8	5.6
PEDIGREE (ATF-1199)	5.4	4.9	6.1	5.8	5.6
COL-1	5.6	4.6	6.3	5.8	5.6
TURBO RZ (BURL-TF8)	5.3	4.7	6.3	5.9	5.6
JT-36	5.5	4.6	6.4	5.7	5.5
JT-42	5.5	4.8	6.0	5.8	5.5
SKYLINE	5.5	4.8	5.9	5.9	5.5
NINJA 3 (ATF 1247)	5.6	5.0	5.9	5.6	5.5
DARLINGTON (CS-TF1)	5.0	4.9	6.1	5.9	5.5
MVS-1107	5.5	4.6	6.3	5.5	5.5
STR-8GRQR	4.8	4.8	6.6	5.8	5.5
XTREMEGREEN (BGR-TF2)	5.1	4.9	5.9	6.0	5.5
STETSON II (NA-SS)	5.1	4.8	5.9	6.1	5.5
AST 7002	5.2	4.8	6.0	5.9	5.5

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT FOUR LOCATIONS 1/  
IN THE NORTHEAST REGION  
2007-2011 DATA

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

NAME	NJ1	NJ2	PA1	RI1	MEAN
AST9002 (AST-2)	5.2	4.3	6.4	6.0	5.5
AST7003	5.4	4.6	5.9	5.9	5.4
06-DUST	5.4	4.4	6.1	5.8	5.4
TAHOE II	5.1	4.7	5.8	5.9	5.4
JT-33	5.1	4.6	6.1	5.6	5.3
PADRE	5.4	4.1	6.1	5.5	5.3
REMBRANDT	4.9	4.4	5.9	5.8	5.2
TITAN ULTRA (PSG-TTRH)	4.8	4.8	6.0	5.4	5.2
AST 7001	4.6	4.6	5.8	5.7	5.2
0312	4.9	4.4	5.6	5.6	5.1
MAGELLAN	4.4	4.4	5.8	5.6	5.1
HUNTER	4.8	4.2	5.6	5.5	5.0
BILTMORE	4.9	4.0	5.7	5.4	5.0
EINSTEIN	4.4	4.5	5.7	5.2	5.0
ESCALANTE (GO-1BFD)	4.2	4.4	5.6	5.5	4.9
06-WALK	4.7	4.0	5.5	5.4	4.9
RENDITION RX (PSG-RNDR)	4.5	4.4	5.4	5.3	4.9
BAR FA 6363	4.4	4.7	4.7	5.4	4.8
LINDBERGH	4.1	4.0	5.6	5.1	4.7
PLATO	3.7	3.8	5.6	5.0	4.5
TITAN RX (PSG-TTST)	4.0	3.6	4.9	5.2	4.4
ARISTOTLE	3.4	3.8	4.8	5.1	4.3
SILVERADO	3.0	3.0	4.5	4.2	3.7
KY-31	1.1	1.8	2.4	2.4	1.9
LSD VALUE	1.1	0.8	0.6	0.7	0.4
C.V. (%)	11.9	9.4	6.1	7.4	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.

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINE LOCATIONS 1/  
IN THE TRANSITION REGION  
2007-2011 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	AR1	KS2	KY1	MD1	M01	NC1	TN1	VA1	VA4	MEAN
LS 1200 (SC-1)	7.2	5.1	7.5	6.5	5.9	7.0	7.4	6.2	6.8	6.6
BULLSEYE	7.0	4.8	7.3	6.1	6.2	6.8	7.5	6.1	7.3	6.5
RHAMBLER SRP (RHAMBLER)	7.2	4.8	7.2	6.1	6.0	7.2	7.3	6.0	6.8	6.5
SHENANDOAH III (SH 3)	7.1	4.8	7.1	6.4	6.0	7.3	7.3	5.9	7.0	6.5
TURBO	6.9	5.1	7.3	6.5	6.0	6.8	7.3	6.0	6.6	6.5
FAITH (K06-WA)	7.0	4.9	7.5	6.5	5.9	6.9	7.5	5.9	6.5	6.5
CATALYST (NA-BT-1)	7.1	4.8	7.3	6.5	6.3	6.8	7.3	5.9	6.5	6.5
FALCON V (ATM)	6.9	4.6	7.6	6.4	6.2	7.0	7.2	5.9	6.6	6.5
FIRECRACKER LS (MVS-MST)	6.9	5.0	7.5	6.5	5.8	7.0	7.4	5.8	6.5	6.4
SHENANDOAH ELITE (RK 6)	7.1	4.9	7.4	6.4	6.3	6.2	7.4	6.0	6.7	6.4
BRAVEHEART (DP 50-9407)	7.3	5.3	7.0	6.5	5.9	7.0	7.2	5.5	6.8	6.4
COCHISE IV (RKCL)	7.0	5.1	7.4	6.7	5.7	6.9	7.2	5.5	6.7	6.4
WOLFPACK II (PST-5WMB)	7.0	5.2	7.1	6.2	5.9	6.8	7.4	5.8	6.6	6.4
SPYDER LS (Z-2000)	7.1	4.7	7.2	6.8	5.7	6.6	7.3	5.8	7.0	6.4
SIDEWINDER (IS-TF-138)	7.2	4.8	7.2	6.7	5.8	6.5	7.3	5.4	7.4	6.4
RK 5	6.9	4.8	7.2	6.4	5.6	7.2	7.3	5.6	6.9	6.4
TRAVERSE SRP (RK-1)	7.0	4.7	7.0	6.3	6.2	6.8	7.3	5.7	6.9	6.4
TALLADEGA (RP 3)	7.1	5.3	7.1	6.2	6.1	6.3	7.0	5.9	6.9	6.4
3RD MILLENNIUM SRP	7.0	4.7	7.0	6.3	6.2	6.9	7.1	5.8	6.9	6.4
MONET (LTP-610 CL)	7.0	4.5	7.3	6.2	6.2	7.0	7.2	5.6	6.8	6.4
SPEEDWAY (STR-8BPDx)	7.1	4.8	7.0	6.3	5.8	7.0	7.2	5.8	6.7	6.4
MUSTANG 4 (M4)	7.1	4.6	7.1	6.1	6.1	6.5	7.2	6.0	6.9	6.4
JAMBOREE (IS-TF-128)	7.0	4.6	7.5	6.4	5.9	6.7	7.3	5.5	6.6	6.3
RAPTOR II (MVS-TF-158)	7.1	4.8	7.0	6.3	5.8	6.8	7.1	5.6	7.0	6.3
FIRENZA	7.1	4.7	7.0	6.3	6.1	6.2	7.2	5.9	6.7	6.3
FINELAWN XPRESS (RP 2)	6.9	5.0	7.1	5.9	6.1	6.4	7.3	5.9	6.3	6.3
GAZELLE II (PST-5HP)	7.1	4.8	6.8	6.1	5.9	6.6	7.3	6.0	6.7	6.3
TANZANIA (IS-TF-159)	6.9	4.4	7.3	6.4	5.8	6.5	7.3	5.3	7.5	6.3
VAN GOGH (LTP-RK2)	6.9	4.5	7.0	6.5	5.8	6.5	7.4	5.5	7.1	6.3
TRIO (IS-TF-152)	7.0	4.7	6.8	6.1	5.9	6.1	7.4	5.9	7.4	6.3
FAT CAT (IS-TF-161)	7.2	4.5	6.8	6.3	5.8	6.8	7.2	5.8	6.7	6.3
GARRISON (IS-TF-153)	7.1	4.4	6.9	6.5	6.0	6.6	7.3	5.6	6.6	6.3
GUARDIAN 41 (STR-8BB5)	7.0	4.8	6.8	6.0	5.7	6.8	7.2	5.8	6.7	6.3
HEMI	7.0	4.5	7.0	6.3	6.3	6.4	7.2	5.6	6.4	6.2
SR 8650 (STR-8LMM)	7.0	5.0	6.8	6.3	6.0	6.3	7.3	5.7	6.3	6.2
CORONA (COL-M)	7.1	5.0	7.1	5.8	5.9	6.4	7.0	5.6	6.5	6.2
RK 4	6.9	4.7	7.1	6.1	5.6	6.7	7.2	5.3	7.0	6.2
VENTURE (J-140)	6.9	4.8	6.7	6.1	5.7	6.8	7.2	5.6	6.6	6.2
ESSENTIAL (IS-TF-154)	7.0	4.6	7.1	6.2	5.9	6.6	7.0	5.6	6.4	6.2
ROCKET (IS-TF-147)	7.0	4.6	7.1	5.9	5.9	6.7	7.2	5.5	6.3	6.2
COL-1	7.0	4.8	6.8	5.8	6.1	6.2	7.3	5.5	6.7	6.2
BAR FA 6253	7.1	5.1	7.0	6.0	5.8	6.1	7.0	5.6	6.5	6.2
UMBRELLA (DP 50-9411)	7.1	4.9	6.4	6.6	5.9	6.3	7.1	5.5	6.7	6.2
PATAGONIA (GWTF)	7.0	4.8	6.8	5.5	5.8	6.6	7.2	5.5	7.2	6.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT NINE LOCATIONS 1/  
IN THE TRANSITION REGION  
2007-2011 DATA

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

NAME	AR1	KS2	KY1	MD1	MO1	NC1	TN1	VA1	VA4	MEAN
AST9001 (AST-3)	7.1	4.9	7.0	5.8	6.1	6.2	7.1	5.4	6.6	6.2
BLADE RUNNER II (PSG-85QR)	6.9	4.8	6.7	6.2	5.9	6.4	7.1	5.6	6.1	6.2
PEDIGREE (ATF-1199)	7.0	4.8	6.5	5.9	5.9	6.7	7.0	5.6	6.7	6.2
J-130	6.9	4.6	6.5	6.4	5.7	6.5	7.1	5.3	7.3	6.2
REUNION (LS-03)	7.1	4.9	7.1	5.8	5.6	6.1	7.1	5.5	6.7	6.2
TITANIUM LS (MVS-BB-1)	6.9	4.5	6.7	6.2	5.9	6.1	7.1	5.8	6.8	6.1
CANNAVARO (DP 50-9440)	7.0	4.5	7.0	6.5	5.6	6.3	7.2	5.3	6.6	6.1
GREENBROOKS (TG 50-9460)	7.0	4.8	6.8	6.0	5.6	6.2	7.2	5.5	6.5	6.1
TULSA TIME (TULSA III)	6.9	4.8	6.7	5.8	5.7	6.3	7.1	5.7	6.7	6.1
TOCCOA (IS-TF-151)	7.1	4.3	7.1	6.3	5.9	6.3	7.1	5.1	6.6	6.1
AST9002 (AST-2)	7.0	4.5	6.8	6.0	5.7	6.3	7.1	5.5	6.7	6.1
SUNSET GOLD (KZ-2)	7.0	4.9	6.7	5.8	5.8	6.2	7.1	5.5	6.6	6.1
GOLD MEDALLION (KZ-1)	7.1	4.1	7.2	5.6	6.1	6.2	7.1	5.6	6.5	6.1
AST9003 (AST-1)	7.0	4.7	6.9	5.9	5.7	5.8	7.2	5.8	6.6	6.1
TURBO RZ (BURL-TF8)	7.0	5.0	6.3	5.8	6.0	6.3	7.2	5.5	6.3	6.1
FALCON IV	7.0	4.5	6.3	6.0	6.0	6.3	7.2	5.7	6.5	6.1
CEZANNE RZ (LTP-CRL)	6.9	4.3	6.8	5.6	5.5	6.6	7.4	5.5	6.7	6.1
JUSTICE	7.0	4.3	6.4	5.7	5.7	6.9	6.9	5.7	6.9	6.1
FALCON NG (CE 1)	6.9	4.6	6.6	5.9	5.6	6.6	7.3	5.6	6.3	6.1
HONKY TONK (RAD-TF17)	6.8	4.9	6.5	5.5	6.0	6.5	7.2	5.3	6.5	6.1
INTEGRITY (BGR-TF1)	7.0	4.6	6.8	5.6	5.5	6.3	7.2	5.6	6.8	6.1
PSG-82BR	6.9	4.9	6.9	5.5	5.6	6.5	7.1	5.4	6.4	6.1
DARLINGTON (CS-TF1)	7.1	4.4	6.5	5.8	6.1	6.3	7.0	5.4	6.7	6.1
ESCALADE	7.1	4.5	6.5	5.8	5.7	6.4	7.1	5.6	6.6	6.1
AST 7001	7.0	4.8	6.2	5.3	6.0	6.3	7.2	5.6	6.9	6.1
RNP	7.0	4.7	7.0	5.4	5.8	6.2	7.2	5.5	6.2	6.1
REBEL IV	7.0	5.0	6.2	5.7	5.7	6.5	7.0	5.4	6.9	6.1
STR-8GRQR	6.9	5.0	6.5	5.7	5.7	6.2	7.1	5.5	6.7	6.1
TERRIER (IS-TF-135)	6.9	4.7	7.1	5.6	5.6	5.9	7.0	5.6	6.5	6.1
XTREMEGREEN (BGR-TF2)	7.0	4.6	6.7	5.6	5.7	6.1	7.2	5.6	6.6	6.1
AST 7002	7.0	4.1	6.7	5.7	6.2	6.3	7.2	5.5	6.3	6.1
GE-1	6.9	4.4	6.4	6.2	5.3	6.5	7.2	5.7	6.3	6.1
JT-42	7.1	4.6	6.4	5.8	5.6	6.5	7.1	5.4	6.4	6.0
HUDSON (DKS)	7.1	4.8	6.6	5.4	5.7	6.0	7.0	5.6	6.7	6.0
MVS-1107	6.9	5.1	6.5	6.0	5.3	5.9	7.1	5.6	6.4	6.0
COMPETE (LS-06)	7.1	4.4	6.5	6.0	5.6	6.3	7.0	5.6	6.1	6.0
SKYLINE	6.8	4.6	6.4	5.4	5.8	6.4	7.2	5.5	6.6	6.0
RENOVATE (LS-11)	6.8	4.6	6.3	5.8	5.7	6.1	6.9	5.7	6.7	6.0
CROSSFIRE 3 (COL-J)	7.0	4.8	6.5	5.5	5.8	6.0	7.0	5.4	6.5	6.0
KY-41 (JT-41)	6.9	4.5	6.5	5.4	6.0	6.3	7.0	5.5	6.2	6.0
AST7003	7.0	4.5	6.5	5.4	5.7	6.0	7.2	5.5	6.7	6.0
LS 1010 (ATF 1328)	6.8	4.5	6.5	5.9	5.4	6.1	7.3	5.5	6.3	6.0
HUNTER	7.1	4.9	6.3	5.6	5.7	6.0	7.0	5.2	6.7	6.0
STETSON II (NA-SS)	7.1	4.3	6.3	6.0	5.8	5.7	7.0	5.6	6.8	6.0
TAHOE II	6.9	4.6	6.4	5.9	5.5	6.3	6.9	5.3	6.6	6.0

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT NINE LOCATIONS 1/  
 IN THE TRANSITION REGION  
 2007-2011 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	AR1	KS2	KY1	MD1	M01	NC1	TN1	VA1	VA4	MEAN
O6-DUST	6.9	4.4	6.4	5.2	5.7	6.5	7.1	5.5	6.8	6.0
TITAN ULTRA (PSG-TTRH)	7.1	5.2	6.3	5.3	5.5	5.9	7.0	5.7	6.5	6.0
JT-45	7.0	4.6	6.8	5.5	5.4	6.3	6.9	5.5	6.2	6.0
JT-36	7.1	4.7	6.7	5.0	5.7	6.1	7.1	5.4	6.3	6.0
REMBRANDT	6.9	4.8	5.9	5.7	5.5	6.4	6.9	5.5	6.2	6.0
JT-33	7.1	5.0	6.3	5.3	5.4	6.2	6.9	5.3	6.6	5.9
MAGELLAN	6.9	4.4	6.0	5.9	5.3	6.2	7.1	5.6	6.5	5.9
NINJA 3 (ATF 1247)	6.9	4.4	6.4	5.6	5.5	6.2	7.1	5.2	6.5	5.9
AST1001 (AST-4)	6.9	4.1	6.7	5.3	5.9	5.6	7.2	5.5	6.5	5.9
ESCALANTE (GO-1BFD)	6.9	4.3	6.2	5.5	5.5	6.1	7.2	5.6	6.1	5.9
RENDITION RX (PSG-RNDR)	7.1	4.5	6.1	5.3	5.7	5.4	7.0	5.8	6.6	5.9
BILTMORE	6.9	4.8	5.9	5.3	5.6	5.8	7.0	5.3	6.8	5.9
TITAN RX (PSG-TTST)	6.8	4.6	6.1	5.4	5.5	5.7	7.2	5.4	6.5	5.8
MVS-341	6.8	4.4	6.1	5.7	5.4	5.8	7.0	5.4	6.5	5.8
PADRE	6.8	4.4	6.2	5.4	5.6	6.0	7.1	5.2	6.3	5.8
O6-WALK	6.9	4.5	6.4	5.3	5.5	5.6	7.0	5.4	6.5	5.8
O312	6.8	4.4	6.4	5.4	5.6	5.5	7.0	5.3	6.5	5.8
LINDBERGH	6.8	4.7	5.6	5.4	5.3	5.7	7.2	5.5	6.8	5.8
EINSTEIN	6.8	4.8	6.2	5.4	5.3	5.7	7.0	5.3	6.3	5.8
BAR FA 6363	6.9	4.3	5.8	5.0	5.4	5.7	7.2	5.3	6.4	5.7
PLATO	7.0	4.3	5.8	4.9	4.9	5.4	7.0	5.3	6.3	5.6
ARISTOTLE	6.9	4.6	5.7	5.1	5.1	5.5	6.8	5.0	6.1	5.6
SILVERADO	6.6	3.7	5.4	4.7	4.8	5.0	6.7	4.9	6.4	5.3
KY-31	5.1	2.9	3.8	2.9	3.6	3.5	5.7	4.5	5.4	4.1
LSD VALUE	0.5	0.9	0.7	0.8	0.7	1.1	0.5	0.7	0.5	0.3
C.V. (%)	4.8	13.0	6.2	8.9	8.0	11.0	4.2	8.1	4.3	7.8

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

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



TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE SOUTHEAST REGION  
2007-2011 DATA

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

NAME	GA1	MS1	TX1	MEAN	NAME	GA1	MS1	TX1	MEAN
RHAMBLER SRP (RHAMBLER)	6.0	6.5	6.4	6.3	FIRECRACKER LS (MVS-MST)	5.5	6.4	6.0	6.0
MONET (LTP-610 CL)	6.1	6.5	6.1	6.3	ROCKET (IS-TF-147)	5.9	6.3	5.7	6.0
WOLFPACK II (PST-5WMB)	6.0	6.5	6.3	6.2	AST1001 (AST-4)	5.9	6.3	5.8	6.0
LS 1200 (SC-1)	6.0	6.5	6.3	6.2	JT-36	5.9	6.3	5.8	6.0
RK 4	6.0	6.4	6.4	6.2	CORONA (COL-M)	5.6	6.4	5.9	6.0
COCHISE IV (RKCL)	5.9	6.5	6.3	6.2	LS 1010 (ATF 1328)	6.0	6.3	5.8	6.0
CATALYST (NA-BT-1)	5.9	6.4	6.4	6.2	ESSENTIAL (IS-TF-154)	5.9	6.4	5.6	6.0
GE-1	6.4	6.4	6.0	6.2	SUNSET GOLD (KZ-2)	5.9	6.4	5.6	6.0
TANZANIA (IS-TF-159)	6.4	6.3	6.2	6.2	CANNAVARO (DP 50-9440)	5.5	6.5	6.0	6.0
FALCON V (ATM)	5.9	6.6	6.1	6.2	MVS-1107	5.9	6.3	5.8	6.0
FAITH (K06-WA)	5.9	6.6	6.1	6.2	JT-42	5.8	6.4	5.7	6.0
RK 5	5.9	6.5	6.1	6.2	STETSON II (NA-SS)	5.6	6.4	5.9	6.0
SPYDER LS (Z-2000)	5.7	6.5	6.3	6.2	GREENBROOKS (TG 50-9460)	5.6	6.4	5.8	6.0
TRAVERSE SRP (RK-1)	5.9	6.4	6.3	6.2	INTEGRITY (BGR-TF1)	6.0	6.3	5.6	6.0
TULSA TIME (TULSA III)	5.9	6.4	6.3	6.2	REMBRANDT	5.7	6.4	5.8	6.0
CEZANNE RZ (LTP-CRL)	6.1	6.3	6.1	6.1	FALCON IV	5.9	6.4	5.6	6.0
BULLSEYE	5.9	6.4	6.2	6.1	PATAGONIA (GWTF)	5.9	6.2	5.9	6.0
3RD MILLENNIUM SRP	5.8	6.4	6.2	6.1	SHENANDOAH III (SH 3)	5.4	6.4	6.0	6.0
SPEEDWAY (STR-8BPD)	5.9	6.3	6.1	6.1	XTREMEGREEN (BGR-TF2)	5.8	6.4	5.6	6.0
TITANIUM LS (MVS-BB-1)	5.8	6.4	6.1	6.1	TOCCOA (IS-TF-151)	5.7	6.3	5.8	6.0
BRAVEHEART (DP 50-9407)	6.0	6.5	5.9	6.1	VENTURE (J-140)	5.6	6.4	5.9	6.0
VAN GOGH (LTP-RK2)	5.7	6.4	6.3	6.1	RENOVATE (LS-11)	5.7	6.4	5.7	6.0
GAZELLE II (PST-5HP)	6.0	6.4	5.9	6.1	ESCALADE	5.5	6.4	5.8	5.9
MUSTANG 4 (M4)	5.7	6.5	6.1	6.1	06-DUST	5.4	6.4	5.8	5.9
TRIO (IS-TF-152)	5.7	6.4	6.1	6.1	REBEL IV	5.8	6.3	5.6	5.9
TURBO	5.7	6.4	6.2	6.1	PEDIGREE (ATF-1199)	5.5	6.4	5.7	5.9
GARRISON (IS-TF-153)	6.1	6.4	5.9	6.1	ESCALANTE (GO-1BFD)	5.6	6.5	5.6	5.9
TALLADEGA (RP 3)	5.7	6.4	6.3	6.1	AST 7001	5.8	6.2	5.7	5.9
FAT CAT (IS-TF-161)	5.8	6.4	6.0	6.1	J-130	5.5	6.4	5.8	5.9
GUARDIAN 41 (STR-8BB5)	5.4	6.5	6.3	6.1	JUSTICE	5.4	6.4	5.8	5.9
BLADE RUNNER II (PSG-85QR)	5.8	6.5	5.9	6.1	RENDITION RX (PSG-RNDR)	5.8	6.2	5.7	5.9
PSG-82BR	5.8	6.4	6.1	6.1	AST7003	5.6	6.3	5.8	5.9
AST 7002	5.9	6.4	5.8	6.1	JAMBOREE (IS-TF-128)	5.4	6.5	5.7	5.9
NINJA 3 (ATF 1247)	5.8	6.4	5.9	6.1	EINSTEIN	5.5	6.4	5.7	5.9
SKYLINE	6.1	6.3	5.7	6.1	SHENANDOAH ELITE (RK 6)	5.2	6.5	5.9	5.9
HEMI	5.9	6.4	5.8	6.0	DARLINGTON (CS-TF1)	5.6	6.2	5.8	5.9
FINELAWN XPRESS (RP 2)	5.7	6.4	5.9	6.0	KY-41 (JT-41)	5.8	6.3	5.6	5.9
FIRENZA	6.0	6.4	5.6	6.0	SR 8650 (STR-8LMM)	5.7	6.3	5.6	5.9
FALCON NG (CE 1)	5.8	6.4	5.9	6.0	BAR FA 6253	5.3	6.4	5.8	5.9
MVS-341	5.8	6.3	6.0	6.0	HUDSON (DKS)	5.5	6.3	5.6	5.9
RAPTOR II (MVS-TF-158)	5.8	6.4	5.7	6.0	LINDBERGH	5.2	6.4	5.7	5.9
STR-8GRQR	5.6	6.4	6.1	6.0	RNP	5.5	6.2	5.7	5.9
AST9002 (AST-2)	5.9	6.4	5.7	6.0	GOLD MEDALLION (KZ-1)	5.8	6.3	5.4	5.9
SIDEWINDER (IS-TF-138)	6.0	6.3	6.0	6.0	REUNION (LS-03)	5.6	6.3	5.5	5.9
					TAHOE II	5.5	6.2	5.7	5.9

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT THREE LOCATIONS 1/  
 IN THE SOUTHEAST REGION  
 2007-2011 DATA

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

NAME	GA1	MS1	TX1	MEAN
MAGELLAN	5.5	6.4	5.5	5.9
UMBRELLA (DP 50-9411)	5.1	6.3	6.0	5.9
HONKY TONK (RAD-TF17)	5.4	6.2	5.9	5.8
JT-45	5.6	6.2	5.6	5.8
BAR FA 6363	5.4	6.3	5.8	5.8
PADRE	5.6	6.4	5.4	5.8
AST9003 (AST-1)	5.6	6.3	5.6	5.8
TERRIER (IS-TF-135)	5.6	6.3	5.5	5.8
COMPETE (LS-06)	5.6	6.4	5.3	5.8
TITAN RX (PSG-TTST)	5.4	6.2	5.6	5.8
BILTMORE	5.4	6.3	5.5	5.8
TURBO RZ (BURL-TF8)	5.6	6.4	5.2	5.8
AST9001 (AST-3)	5.6	6.2	5.5	5.8
HUNTER	5.2	6.2	5.8	5.8
COL-1	5.2	6.3	5.6	5.8
PLATO	5.2	6.2	5.6	5.7
06-WALK	5.4	6.2	5.5	5.7
JT-33	5.4	6.3	5.4	5.7
CROSSFIRE 3 (COL-J)	5.3	6.3	5.4	5.7
ARISTOTLE	5.5	6.1	5.3	5.7
TITAN ULTRA (PSG-TTRH)	5.4	6.3	5.2	5.7
SILVERADO	5.1	5.8	5.3	5.5
0312	5.1	6.1	5.1	5.5
KY-31	4.7	4.6	3.7	4.4
LSD VALUE	0.7	0.3	0.8	0.4
C.V. (%)	7.8	3.1	9.2	6.4

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 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 GROWN AT SIX LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2007-2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
FALCON V (ATM)	7.0	6.5	6.9	5.8	5.8	7.6	6.6
FAITH (K06-WA)	6.9	6.3	6.8	5.8	6.1	7.6	6.6
WOLFPACK II (PST-5WMB)	6.9	6.7	6.6	5.6	5.9	7.6	6.6
BULLSEYE	6.6	6.4	7.0	6.0	5.9	7.3	6.5
RK 5	6.9	6.4	6.8	5.7	6.3	7.1	6.5
SHENANDOAH III (SH 3)	6.6	6.4	6.8	6.0	6.0	7.2	6.5
MONET (LTP-610 CL)	6.8	6.1	6.9	6.0	5.9	7.2	6.5
3RD MILLENNIUM SRP	6.7	6.6	6.9	5.6	5.9	7.2	6.5
COCHISE IV (RKCL)	6.5	6.3	7.0	6.1	5.7	7.2	6.5
FIRECRACKER LS (MVS-MST)	6.7	6.3	6.7	5.5	6.1	7.6	6.5
LS 1200 (SC-1)	6.7	6.2	7.0	5.6	6.1	7.2	6.5
CORONA (COL-M)	6.3	6.4	6.6	5.7	6.0	7.7	6.5
CATALYST (NA-BT-1)	6.8	6.5	7.0	5.0	5.7	7.7	6.4
HEMI	6.5	6.6	6.8	5.8	6.0	6.9	6.4
TULSA TIME (TULSA III)	6.6	6.4	6.6	5.7	5.6	7.7	6.4
VENTURE (J-140)	6.5	6.8	6.7	5.5	5.8	7.3	6.4
TALLADEGA (RP 3)	6.6	6.6	6.6	5.5	5.9	7.4	6.4
CROSSFIRE 3 (COL-J)	6.5	6.4	6.6	5.4	5.7	7.9	6.4
FIRENZA	6.6	6.6	6.7	5.9	5.5	7.1	6.4
MUSTANG 4 (M4)	6.9	6.4	6.4	5.3	6.4	7.0	6.4
RHAMBLER SRP (RHAMBLER)	6.9	6.7	6.8	5.3	5.6	7.1	6.4
SHENANDOAH ELITE (RK 6)	6.9	6.2	6.9	5.6	5.7	7.0	6.4
RK 4	6.5	6.2	6.6	6.0	5.7	7.3	6.4
SIDEWINDER (IS-TF-138)	6.4	5.9	6.8	5.8	5.7	7.7	6.4
GARRISON (IS-TF-153)	6.7	6.4	6.7	5.5	5.7	7.4	6.4
ESCALADE	6.5	6.2	6.3	5.4	6.2	7.7	6.4
TRIO (IS-TF-152)	6.7	6.3	6.6	5.7	5.8	7.1	6.4
GUARDIAN 41 (STR-8BB5)	6.5	6.3	6.3	5.2	6.2	7.6	6.4
ESSENTIAL (IS-TF-154)	6.5	6.3	6.7	5.6	5.5	7.5	6.4
AST9003 (AST-1)	6.3	6.5	6.4	5.4	6.0	7.5	6.4
JAMBOREE (IS-TF-128)	6.6	6.2	7.1	6.0	5.7	6.6	6.4
VAN GOGH (LTP-RK2)	6.5	6.4	6.7	5.8	5.6	7.0	6.3
TURBO	6.7	6.5	6.8	5.8	5.7	6.4	6.3
TITANIUM LS (MVS-BB-1)	6.7	6.4	6.3	5.0	5.8	7.8	6.3
SPYDER LS (Z-2000)	6.7	6.4	6.6	5.7	6.0	6.5	6.3
TOCCOA (IS-TF-151)	6.3	6.0	6.7	5.5	6.1	7.3	6.3
GREENBROOKS (TG 50-9460)	6.6	6.2	6.7	5.3	6.0	7.0	6.3
SPEEDWAY (STR-8BPDx)	6.9	6.4	6.5	5.5	5.8	6.7	6.3
XTREMEGREEN (BGR-TF2)	6.2	6.7	6.3	5.3	5.9	7.3	6.3
ROCKET (IS-TF-147)	6.5	6.4	6.6	5.5	5.9	6.9	6.3
FINELAWN XPRESS (RP 2)	6.9	6.4	6.7	5.6	5.2	6.9	6.3
STETSON II (NA-SS)	6.4	6.4	6.2	5.1	5.9	7.7	6.3
TANZANIA (IS-TF-159)	6.3	6.2	6.9	5.2	5.5	7.5	6.3
BRAVEHEART (DP 50-9407)	6.7	6.2	6.6	5.2	6.3	6.7	6.3

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN AT SIX LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2007-2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
CANNAVARO (DP 50-9440)	6.5	6.2	6.9	5.0	6.3	6.8	6.3
NINJA 3 (ATF 1247)	6.3	6.3	6.3	5.7	5.7	7.3	6.3
TRAVERSE SRP (RK-1)	6.8	6.5	6.7	5.3	5.5	6.7	6.2
INTEGRITY (BGR-TF1)	6.2	6.4	6.2	5.8	5.4	7.5	6.2
PEDIGREE (ATF-1199)	6.3	6.6	6.4	5.3	5.8	7.0	6.2
RAPTOR II (MVS-TF-158)	6.4	6.1	6.9	5.6	5.8	6.6	6.2
AST 7002	6.4	6.5	6.3	5.4	5.7	7.1	6.2
SR 8650 (STR-8LMM)	6.6	6.4	6.5	5.1	5.6	7.2	6.2
AST9002 (AST-2)	6.7	6.3	6.6	5.5	6.0	6.2	6.2
PSG-82BR	6.2	6.4	6.3	5.4	5.7	7.2	6.2
REUNION (LS-03)	6.1	6.4	6.5	5.5	5.7	7.2	6.2
HUDSON (DKS)	6.2	6.3	6.6	5.5	5.8	6.9	6.2
06-DUST	6.4	6.3	6.1	5.2	5.9	7.3	6.2
JUSTICE	6.5	6.6	6.4	4.9	5.8	7.0	6.2
JT-36	6.3	6.2	6.3	5.3	6.0	7.2	6.2
JT-33	6.1	6.7	6.4	5.3	5.6	7.1	6.2
AST9001 (AST-3)	6.3	6.4	6.5	5.7	5.3	7.0	6.2
BLADE RUNNER II (PSG-85QR)	6.4	6.4	6.4	5.1	6.0	6.9	6.2
COMPETE (LS-06)	6.4	6.2	6.5	5.7	5.8	6.4	6.2
COL-1	6.3	6.1	6.5	4.9	5.8	7.5	6.2
TURBO RZ (BURL-TF8)	6.3	6.2	6.5	5.5	6.3	6.3	6.2
GAZELLE II (PST-5HP)	6.5	6.7	6.6	5.1	5.3	6.9	6.2
GOLD MEDALLION (KZ-1)	6.4	6.3	6.2	5.3	5.6	7.2	6.2
PATAGONIA (GWTF)	6.4	6.4	6.5	5.5	5.8	6.4	6.2
FAT CAT (IS-TF-161)	6.1	6.4	6.6	5.5	5.4	7.1	6.2
RNP	6.3	6.4	6.3	5.9	5.8	6.4	6.2
RENOVATE (LS-11)	6.3	6.5	6.4	5.4	5.6	6.9	6.2
LS 1010 (ATF 1328)	6.1	6.1	6.3	5.7	5.6	7.2	6.2
HONKY TONK (RAD-TF17)	6.4	6.6	6.1	5.4	5.6	6.9	6.2
STR-8GRQR	6.4	6.2	6.1	5.3	5.7	7.2	6.2
FALCON NG (CE 1)	6.5	6.5	6.4	5.5	5.1	6.9	6.1
SKYLINE	6.4	6.5	6.0	5.1	5.8	7.0	6.1
KY-41 (JT-41)	6.3	6.1	6.4	5.2	5.9	6.9	6.1
JT-42	6.4	6.4	6.4	5.2	6.0	6.6	6.1
TERRIER (IS-TF-135)	6.6	6.3	6.6	5.1	5.3	6.8	6.1
AST1001 (AST-4)	6.2	6.4	6.8	5.5	5.4	6.4	6.1
J-130	6.1	6.5	6.2	5.5	6.0	6.5	6.1
HUNTER	6.3	6.5	6.4	5.3	5.5	6.8	6.1
CEZANNE RZ (LTP-CRL)	6.3	6.4	6.2	5.4	5.6	6.8	6.1
BAR FA 6253	6.5	6.4	6.3	5.1	5.6	6.9	6.1
REBEL IV	6.6	6.3	6.3	5.0	5.8	6.7	6.1
DARLINGTON (CS-TF1)	6.2	6.5	6.4	5.2	5.8	6.6	6.1
GE-1	6.6	6.2	6.3	5.2	5.8	6.6	6.1
UMBRELLA (DP 50-9411)	6.3	6.1	6.5	5.6	6.2	6.0	6.1
PADRE	6.3	6.3	6.3	5.3	5.4	7.1	6.1

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2007-2011 DATA

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

NAME	IA1	IL1	IN1	MN1	NE1	WI1	MEAN
MVS-1107	6.4	6.2	6.2	5.0	6.3	6.4	6.1
TITAN ULTRA (PSG-TTRH)	6.3	6.3	6.2	5.0	5.6	6.9	6.1
AST 7001	6.0	6.2	6.4	5.3	5.7	6.7	6.1
MAGELLAN	6.3	6.5	6.0	5.3	5.6	6.7	6.1
AST7003	6.2	6.3	6.4	5.1	5.5	6.7	6.0
EINSTEIN	6.3	6.2	6.3	4.9	5.7	6.8	6.0
JT-45	6.4	6.2	6.3	5.0	5.6	6.6	6.0
SUNSET GOLD (KZ-2)	6.2	6.3	6.3	5.4	5.6	6.2	6.0
BAR FA 6363	6.3	6.4	5.9	5.0	5.6	6.8	6.0
REMBRANDT	6.4	6.4	5.9	5.3	5.8	6.3	6.0
MVS-341	6.2	6.3	6.0	5.0	5.8	6.5	6.0
O312	6.3	6.2	6.1	5.1	5.9	6.2	6.0
FALCON IV	6.4	6.4	6.2	5.3	5.3	6.1	5.9
TAHOE II	6.2	6.3	6.1	4.8	5.7	6.6	5.9
BILTMORE	6.2	6.1	6.0	5.0	5.6	6.6	5.9
RENDITION RX (PSG-RNDR)	6.1	6.1	5.9	5.0	5.6	6.8	5.9
O6-WALK	6.1	6.0	5.6	4.9	5.6	7.0	5.9
LINDBERGH	5.9	6.3	6.0	4.9	5.6	6.3	5.8
PLATO	6.0	6.1	5.9	4.3	5.7	6.6	5.8
ESCALANTE (GO-1BFD)	6.5	6.2	6.0	4.4	5.5	5.9	5.8
ARISTOTLE	6.1	5.9	5.8	4.6	5.6	6.5	5.7
TITAN RX (PSG-TTST)	6.3	5.8	5.7	4.2	5.7	6.1	5.6
SILVERADO	5.8	5.0	5.4	3.2	5.2	5.0	4.9
KY-31	4.5	2.9	3.9	1.1	4.6	2.8	3.3
LSD VALUE	0.7	0.8	0.5	0.9	1.0	1.6	0.4
C.V. (%)	6.7	8.0	5.3	10.7	10.5	14.3	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 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/ 2007-2011 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/							MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	
RENOVATE (LS-11)	3.8	5.5	7.0	5.9	5.6	5.8	5.6	5.9
AST1001 (AST-4)	3.6	5.3	7.1	6.3	5.2	5.8	5.4	5.8
RNP	4.0	5.8	7.4	5.8	4.2	5.3	5.3	5.8
AST9002 (AST-2)	3.4	5.1	7.3	6.1	5.0	5.4	5.2	5.8
CANNAVARO (DP 50-9440)	3.1	4.3	7.3	5.8	5.1	6.4	5.8	5.7
GOLD MEDALLION (KZ-1)	3.7	5.3	6.7	6.3	4.9	5.3	5.7	5.7
FALCON V (ATM)	3.4	4.7	7.0	5.9	5.0	6.2	6.3	5.7
SHENANDOAH ELITE (RK 6)	3.4	4.7	7.4	5.9	5.0	5.8	5.6	5.7
DARLINGTON (CS-TF1)	3.7	5.5	7.0	6.5	4.3	5.1	5.1	5.7
TANZANIA (IS-TF-159)	3.9	4.7	6.4	5.9	5.4	5.9	5.7	5.6
FAT CAT (IS-TF-161)	3.3	4.6	6.5	6.3	5.3	5.8	5.4	5.6
COMPETE (LS-06)	3.6	5.5	6.7	5.5	4.3	5.9	5.8	5.6
BULLSEYE	3.2	4.7	6.9	6.3	4.7	5.6	6.1	5.6
XTREMEGREEN (BGR-TF2)	3.2	5.1	6.9	6.3	5.1	5.4	5.2	5.6
TRIO (IS-TF-152)	3.2	4.2	6.5	5.8	5.4	6.2	5.9	5.6
REUNION (LS-03)	3.4	4.9	6.7	6.3	5.1	5.5	5.4	5.6
INTEGRITY (BGR-TF1)	3.1	4.9	6.7	5.9	4.9	5.2	5.7	5.6
CROSSFIRE 3 (COL-J)	3.6	5.1	6.9	5.9	4.3	5.6	5.6	5.6
RK 4	3.8	4.7	6.6	5.9	5.0	5.8	5.4	5.6
FAITH (K06-WA)	3.8	5.1	7.3	5.8	4.6	5.0	5.3	5.5
JT-36	3.8	5.9	6.4	5.3	4.3	5.7	5.4	5.5
SHENANDOAH III (SH 3)	3.4	4.9	6.9	6.0	5.1	5.9	5.7	5.5
HUDSON (DKS)	3.2	4.8	6.6	5.7	5.3	5.5	5.4	5.5
AST9001 (AST-3)	3.4	4.9	6.7	5.9	4.6	5.5	5.7	5.5
CORONA (COL-M)	3.0	4.5	6.6	6.2	5.3	5.4	5.6	5.5
LS 1200 (SC-1)	2.3	4.0	6.7	6.2	5.4	5.9	5.3	5.5
FINELAWN XPRESS (RP 2)	3.1	4.5	7.0	6.2	4.6	6.0	5.7	5.5
MONET (LTP-610 CL)	3.6	4.7	6.7	5.9	4.4	5.8	5.5	5.5
AST7003	3.3	5.3	6.7	6.0	4.2	5.2	5.7	5.5
3RD MILLENNIUM SRP	3.4	5.4	6.7	5.9	4.5	5.2	5.6	5.5
COCHISE IV (RKCL)	3.2	5.1	6.7	5.8	4.7	5.3	5.6	5.5
AST 7002	3.4	4.7	6.6	5.8	4.6	5.4	5.4	5.5
KY-41 (JT-41)	3.3	5.0	6.9	5.9	4.5	5.2	5.4	5.5
PATAGONIA (GWTF)	3.6	4.7	6.7	5.9	4.8	5.5	5.3	5.4
WOLFPACK II (PST-5WMB)	3.4	4.9	6.7	5.8	4.8	5.3	5.6	5.4
GREENBROOKS (TG 50-9460)	3.6	4.9	6.7	6.2	4.3	5.8	5.4	5.4
SR 8650 (STR-8LMM)	3.7	5.1	6.5	5.8	4.4	5.2	5.8	5.4
AST9003 (AST-1)	3.3	4.3	6.9	6.1	4.6	5.2	5.7	5.4
ESCALADE	3.3	5.2	6.7	5.8	4.8	5.4	5.3	5.4
SUNSET GOLD (KZ-2)	3.4	4.7	6.8	6.1	4.5	5.1	5.3	5.4
CEZANNE RZ (LTP-CRL)	4.1	5.3	6.7	5.3	4.0	5.5	5.9	5.4
GARRISON (IS-TF-153)	3.1	4.2	6.5	5.8	5.0	5.7	5.8	5.4
FIRECRACKER LS (MVS-MST)	2.8	4.2	6.3	5.8	5.1	6.0	5.6	5.4
SIDEWINDER (IS-TF-138)	2.9	4.4	6.5	6.0	4.7	4.8	5.3	5.4

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH  
(CONT') MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/  
2007-2011 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
UMBRELLA (DP 50-9411)	3.0	4.7	6.7	5.8	4.4	5.1	5.7	5.4
TALLADEGA (RP 3)	3.2	4.9	6.7	5.8	4.5	5.3	5.6	5.4
FIRENZA	3.2	4.5	6.7	5.8	5.0	5.3	5.6	5.4
RHAMBLER SRP (RHAMBLER)	3.3	4.8	6.3	5.9	5.3	5.5	5.2	5.4
HUNTER	4.2	5.3	6.7	5.2	4.2	5.3	5.8	5.4
TITAN ULTRA (PSG-TTRH)	3.4	5.1	6.3	5.8	5.2	5.0	5.3	5.4
RK 5	3.0	4.5	6.3	5.8	4.8	5.7	5.9	5.3
COL-1	3.0	4.3	6.5	5.9	4.5	5.4	5.6	5.3
STETSON II (NA-SS)	3.1	5.0	6.9	5.3	4.0	4.7	5.8	5.3
SPEEDWAY (STR-8BPDx)	3.2	4.5	6.5	5.9	5.1	5.5	5.7	5.3
JAMBOREE (IS-TF-128)	3.3	4.1	6.6	5.9	4.5	5.9	5.8	5.3
RAPTOR II (MVS-TF-158)	2.9	4.5	6.3	5.6	4.4	5.3	5.7	5.3
TRAVERSE SRP (RK-1)	3.3	4.5	6.5	5.5	4.9	5.6	5.8	5.3
GUARDIAN 41 (STR-8BB5)	3.2	4.3	6.5	5.9	4.9	5.1	5.6	5.3
CATALYST (NA-BT-1)	2.9	4.0	6.2	5.9	5.1	5.8	5.6	5.3
AST 7001	3.3	4.4	6.1	6.2	4.6	5.2	5.3	5.3
JT-33	3.7	4.9	6.5	5.7	4.5	4.9	5.3	5.3
PADRE	3.9	4.9	6.1	5.8	4.7	5.3	5.8	5.3
TURBO	2.9	4.7	6.8	5.5	4.3	5.3	5.6	5.3
MUSTANG 4 (M4)	3.0	4.8	6.5	5.5	4.4	5.2	5.7	5.3
JT-45	3.6	4.7	6.6	5.4	4.1	5.1	5.2	5.3
SKYLINE	3.3	4.5	6.4	5.8	4.5	5.4	5.4	5.2
EINSTEIN	3.6	4.9	6.2	5.7	4.7	5.5	5.1	5.2
GAZELLE II (PST-5HP)	3.2	4.0	6.1	5.8	5.1	5.8	5.6	5.2
TULSA TIME (TULSA III)	3.4	4.8	6.6	5.4	4.2	4.9	5.8	5.2
PEDIGREE (ATF-1199)	3.0	5.0	6.3	5.5	5.0	4.7	5.4	5.2
VAN GOGH (LTP-RK2)	3.3	4.2	6.5	5.8	4.6	5.0	5.7	5.2
BAR FA 6363	3.0	4.5	6.1	5.7	4.8	5.7	5.4	5.2
SPYDER LS (Z-2000)	3.7	4.7	6.3	5.8	4.1	4.8	5.9	5.2
JT-42	3.2	4.8	6.3	5.8	4.3	4.8	5.3	5.2
PSG-82BR	3.3	4.7	6.1	5.9	4.8	5.3	5.6	5.2
JUSTICE	3.9	4.4	6.1	5.7	5.2	5.5	5.6	5.2
LS 1010 (ATF 1328)	3.0	4.2	6.1	6.0	4.6	5.3	5.4	5.2
REBEL IV	3.2	4.5	6.1	5.8	4.7	5.5	5.4	5.2
ESSENTIAL (IS-TF-154)	3.0	4.2	6.1	5.9	4.4	5.7	5.7	5.2
LINDBERGH	3.7	4.9	6.1	5.6	4.5	5.8	5.7	5.2
BLADE RUNNER II (PSG-85QR)	3.2	4.3	6.3	5.5	4.8	5.2	5.3	5.2
FALCON NG (CE 1)	3.6	5.3	6.3	5.4	4.0	5.2	5.3	5.2
TOCCOA (IS-TF-151)	2.7	4.3	6.3	5.5	4.1	4.8	5.7	5.2
VENTURE (J-140)	2.7	4.1	6.3	5.9	4.8	5.2	5.6	5.1
GE-1	3.4	4.9	6.2	5.5	4.3	5.1	5.4	5.1
ROCKET (IS-TF-147)	2.9	4.1	5.9	5.8	4.8	5.4	5.1	5.1
HEMI	2.8	4.1	6.4	5.8	4.7	4.8	5.7	5.1
REMBRANDT	4.0	5.0	6.0	5.8	4.7	4.8	5.4	5.1
J-130	2.6	4.3	6.1	5.6	4.5	4.5	5.4	5.1

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (UPPER WEST/MOUNTAIN REGION) 1/ 2007-2011 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/							MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	
NINJA 3 (ATF 1247)	3.3	4.7	6.3	5.7	4.3	4.8	5.6	5.1
FALCON IV	3.2	4.8	6.1	5.4	4.1	4.9	5.6	5.1
MVS-341	3.3	4.3	5.8	5.9	4.3	5.2	5.6	5.1
BAR FA 6253	2.7	4.4	6.5	5.3	4.1	5.0	5.7	5.1
TITANIUM LS (MVS-BB-1)	3.1	4.8	6.0	5.7	4.3	5.1	5.4	5.0
TERRIER (IS-TF-135)	2.6	4.1	6.3	5.6	4.3	4.5	5.3	5.0
BRAVEHEART (DP 50-9407)	3.1	4.4	6.1	5.4	3.7	5.3	6.4	5.0
HONKY TONK (RAD-TF17)	2.8	4.1	5.9	5.4	4.7	5.0	5.1	5.0
TURBO RZ (BURL-TF8)	3.4	4.4	6.0	5.4	4.1	4.9	5.6	5.0
TAHOE II	2.7	4.2	5.9	5.8	5.1	4.7	5.2	5.0
MAGELLAN	3.4	4.1	5.9	5.8	4.8	5.4	5.4	5.0
RENDITION RX (PSG-RNDR)	3.1	4.3	6.1	5.6	4.3	4.8	5.3	5.0
STR-8GRQR	2.9	4.3	6.1	5.2	4.5	5.2	5.4	5.0
06-DUST	2.8	4.5	5.8	5.8	4.2	4.8	5.2	4.9
MVS-1107	3.2	4.5	5.9	5.6	4.3	4.8	5.4	4.9
BILTMORE	3.4	4.3	6.1	5.5	4.3	4.8	5.2	4.9
0312	2.6	3.8	5.5	5.8	4.1	4.9	5.1	4.9
ARISTOTLE	3.6	5.1	5.4	5.2	4.4	4.5	5.2	4.8
TITAN RX (PSG-TTST)	3.8	4.7	5.5	5.2	4.3	4.4	5.1	4.8
PLATO	3.7	4.8	5.3	5.3	4.3	4.5	5.1	4.8
06-WALK	2.9	4.5	5.6	5.3	3.8	4.8	5.4	4.8
ESCALANTE (GO-1BFD)	3.4	4.3	5.5	5.1	4.4	4.9	5.4	4.7
SILVERADO	3.4	3.9	4.2	4.7	4.2	4.8	5.0	4.2
KY-31	3.7	3.7	2.9	3.3	3.0	3.1	3.3	3.1
LSD VALUE	0.7	0.8	0.7	0.7	1.3	1.0	0.8	0.6
C.V. (%)	23.2	23.7	15.4	14.9	35.4	23.4	14.9	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 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2007-2011 DATA

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

NAME	CA3	NM1	MEAN	NAME	CA3	NM1	MEAN
MONET (LTP-610 CL)	6.4	6.3	6.3	COCHISE IV (RKCL)	6.3	5.3	5.8
BULLSEYE	6.4	6.1	6.2	UMBRELLA (DP 50-9411)	5.5	5.9	5.7
RK 4	6.3	6.1	6.2	PSG-82BR	5.8	5.6	5.7
HEMI	6.2	6.3	6.2	SKYLINE	5.6	5.8	5.7
FIRECRACKER LS (MVS-MST)	6.3	6.0	6.2	REMBRANDT	5.7	5.7	5.7
WOLFPACK II (PST-5WMB)	6.2	6.2	6.2	JUSTICE	5.8	5.7	5.7
FALCON V (ATM)	6.5	5.8	6.2	TULSA TIME (TULSA III)	5.6	5.8	5.7
SPEEDWAY (STR-8BPDX)	6.3	6.0	6.2	LINDBERGH	5.6	5.9	5.7
RK 5	6.3	6.0	6.1	MUSTANG 4 (M4)	6.1	5.3	5.7
TURBO	5.9	6.3	6.1	CORONA (COL-M)	5.7	5.7	5.7
LS 1200 (SC-1)	6.2	6.1	6.1	TITANIUM LS (MVS-BB-1)	5.7	5.7	5.7
GAZELLE II (PST-5HP)	5.9	6.3	6.1	JAMBOREE (IS-TF-128)	6.1	5.3	5.7
ESSENTIAL (IS-TF-154)	6.2	5.9	6.1	TANZANIA (IS-TF-159)	5.6	5.8	5.7
SHENANDOAH III (SH 3)	6.3	5.9	6.1	AST 7002	5.6	5.7	5.7
TERRIER (IS-TF-135)	6.0	6.1	6.1	CANNAVARO (DP 50-9440)	6.1	5.2	5.7
GE-1	5.9	6.1	6.0	EINSTEIN	5.3	5.9	5.6
MVS-1107	5.7	6.3	6.0	KY-41 (JT-41)	5.5	5.8	5.6
VAN GOGH (LTP-RK2)	6.1	5.9	6.0	HONKY TONK (RAD-TF17)	5.6	5.7	5.6
LS 1010 (ATF 1328)	5.4	6.5	6.0	J-130	5.7	5.6	5.6
PEDIGREE (ATF-1199)	5.7	6.3	6.0	FALCON NG (CE 1)	6.0	5.3	5.6
STR-8GRQR	5.9	6.0	6.0	SHENANDOAH ELITE (RK 6)	6.4	4.9	5.6
FAITH (K06-WA)	6.3	5.7	6.0	COL-1	5.8	5.4	5.6
GARRISON (IS-TF-153)	6.0	5.9	6.0	DARLINGTON (CS-TF1)	5.5	5.7	5.6
CATALYST (NA-BT-1)	6.4	5.5	5.9	NINJA 3 (ATF 1247)	5.4	5.8	5.6
CEZANNE RZ (LTP-CRL)	5.8	6.1	5.9	INTEGRITY (BGR-TF1)	5.6	5.6	5.6
FAT CAT (IS-TF-161)	5.6	6.2	5.9	BAR FA 6253	5.7	5.5	5.6
FIRENZA	6.1	5.7	5.9	PATAGONIA (GWTF)	5.4	5.7	5.6
RHAMBLER SRP (RHAMBLER)	6.1	5.7	5.9	SPYDER LS (Z-2000)	5.9	5.3	5.6
HUDSON (DKS)	5.6	6.1	5.9	REBEL IV	5.8	5.4	5.6
ROCKET (IS-TF-147)	5.7	6.0	5.9	BAR FA 6363	5.2	5.9	5.6
ESCALADE	5.8	5.9	5.9	06-WALK	5.4	5.7	5.6
GREENBROOKS (TG 50-9460)	6.0	5.7	5.9	MVS-341	5.6	5.6	5.6
BLADE RUNNER II (PSG-85QR)	6.1	5.6	5.9	3RD MILLENNIUM SRP	6.1	5.0	5.6
XTREMEGREEN (BGR-TF2)	5.5	6.2	5.9	TRAVERSE SRP (RK-1)	5.9	5.2	5.6
GUARDIAN 41 (STR-8BB5)	6.0	5.8	5.9	TRIO (IS-TF-152)	5.7	5.4	5.5
VENTURE (J-140)	5.8	5.9	5.8	FINELAWN XPRESS (RP 2)	6.0	5.0	5.5
ESCALANTE (GO-1BFD)	5.8	5.9	5.8	JT-42	5.7	5.4	5.5
RAPTOR II (MVS-TF-158)	5.7	6.0	5.8	TOCCOA (IS-TF-151)	5.2	5.9	5.5
BRAVEHEART (DP 50-9407)	5.9	5.8	5.8	AST7003	5.5	5.5	5.5
JT-36	5.8	5.9	5.8	JT-45	5.8	5.1	5.5
GOLD MEDALLION (KZ-1)	5.7	5.9	5.8	RENOVATE (LS-11)	5.7	5.2	5.5
MAGELLAN	5.6	6.0	5.8	PLATO	5.6	5.3	5.5
FALCON IV	5.7	5.8	5.8	TALLADEGA (RP 3)	6.0	4.9	5.4
SR 8650 (STR-8LMM)	5.8	5.8	5.8	STETSON II (NA-SS)	5.2	5.7	5.4
				SUNSET GOLD (KZ-2)	5.3	5.5	5.4

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2007-2011 DATA

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

NAME	CA3	NM1	MEAN
06-DUST	5.6	5.2	5.4
TITAN RX (PSG-TTST)	5.4	5.3	5.4
TAHOE II	5.1	5.6	5.4
AST9002 (AST-2)	5.6	5.2	5.4
AST9001 (AST-3)	5.4	5.3	5.3
JT-33	5.5	5.1	5.3
TITAN ULTRA (PSG-TTRH)	5.6	5.0	5.3
REUNION (LS-03)	5.5	5.1	5.3
0312	5.6	5.0	5.3
PADRE	5.8	4.8	5.3
BILTMORE	5.2	5.3	5.3
AST9003 (AST-1)	5.5	5.0	5.3
RENDITION RX (PSG-RNDR)	5.4	5.1	5.3
CROSSFIRE 3 (COL-J)	5.3	5.2	5.2
TURBO RZ (BURL-TF8)	5.3	5.2	5.2
ARISTOTLE	4.9	5.6	5.2
SILVERADO	5.1	5.3	5.2
RNP	5.4	5.0	5.2
AST 7001	5.0	5.3	5.2
COMPETE (LS-06)	5.2	5.0	5.1
AST1001 (AST-4)	5.2	5.0	5.1
SIDEWINDER (IS-TF-138)	5.6	4.5	5.1
HUNTER	5.4	4.6	5.0
KY-31	4.4	3.8	4.1
LSD VALUE	0.6	1.4	0.8
C.V. (%)	7.2	15.7	12.2

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

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

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE PACIFIC REGION  
2007-2011 DATA

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

NAME	CA6	WA3	MEAN	NAME	CA6	WA3	MEAN
FAITH (K06-WA)	6.4	4.5	5.3	JAMBOREE (IS-TF-128)	6.1	3.8	4.6
WOLFPACK II (PST-5WMB)	6.2	4.5	5.2	JT-42	5.8	3.7	4.6
MONET (LTP-610 CL)	6.4	4.2	5.1	AST9003 (AST-1)	5.8	3.8	4.6
RK 4	6.2	4.3	5.1	BAR FA 6253	5.9	3.8	4.6
ESSENTIAL (IS-TF-154)	6.3	4.4	5.1	TITANIUM LS (MVS-BB-1)	5.4	4.0	4.6
LS 1200 (SC-1)	6.1	4.4	5.1	JUSTICE	5.8	3.8	4.6
CATALYST (NA-BT-1)	6.0	4.4	5.0	TALLADEGA (RP 3)	6.0	3.7	4.6
SHENANDOAH ELITE (RK 6)	6.2	4.3	5.0	BLADE RUNNER II (PSG-85QR)	5.7	3.9	4.6
3RD MILLENNIUM SRP	6.1	4.4	5.0	BRAVEHEART (DP 50-9407)	5.9	3.8	4.5
TRAVERSE SRP (RK-1)	6.2	4.3	5.0	CANNAVARO (DP 50-9440)	6.3	3.4	4.5
FIRENZA	6.0	4.3	5.0	CORONA (COL-M)	5.8	3.7	4.5
COCHISE IV (RKCL)	6.3	4.1	5.0	INTEGRITY (BGR-TF1)	5.9	3.7	4.5
SHENANDOAH III (SH 3)	6.1	4.3	5.0	TITAN ULTRA (PSG-TTRH)	5.8	3.7	4.5
FALCON V (ATM)	6.3	4.2	5.0	RENOVATE (LS-11)	5.9	3.6	4.5
SPYDER LS (Z-2000)	6.1	4.1	4.9	COMPETE (LS-06)	5.8	3.7	4.5
FINELAWN XPRESS (RP 2)	5.8	4.2	4.9	KY-41 (JT-41)	5.7	3.7	4.5
RK 5	6.3	4.0	4.9	NINJA 3 (ATF 1247)	5.9	3.6	4.5
FIRECRACKER LS (MVS-MST)	6.6	3.9	4.9	GREENBROOKS (TG 50-9460)	6.0	3.6	4.5
BULLSEYE	6.3	3.9	4.8	MVS-341	5.7	3.7	4.5
GUARDIAN 41 (STR-8BB5)	6.0	4.1	4.8	06-DUST	5.6	3.8	4.5
TURBO RZ (BURL-TF8)	6.0	4.0	4.8	DARLINGTON (CS-TF1)	5.8	3.7	4.5
SR 8650 (STR-8LMM)	5.8	4.2	4.8	REBEL IV	5.8	3.7	4.5
VAN GOGH (LTP-RK2)	6.0	4.1	4.8	FALCON NG (CE 1)	5.8	3.6	4.5
RHAMBLER SRP (RHAMBLER)	5.8	4.2	4.8	AST9002 (AST-2)	5.9	3.6	4.5
TURBO	6.1	3.9	4.8	HONKY TONK (RAD-TF17)	5.7	3.7	4.5
PSG-82BR	5.8	4.1	4.8	RNP	5.9	3.6	4.5
SPEEDWAY (STR-8BPDx)	5.8	4.1	4.7	AST7003	5.6	3.7	4.4
GARRISON (IS-TF-153)	6.1	3.9	4.7	GE-1	5.7	3.7	4.4
JT-45	5.8	3.9	4.7	RAPTOR II (MVS-TF-158)	5.8	3.6	4.4
VENTURE (J-140)	5.9	4.0	4.7	REMBRANDT	5.4	3.7	4.4
MUSTANG 4 (M4)	6.0	4.0	4.7	TERRIER (IS-TF-135)	6.0	3.5	4.4
CEZANNE RZ (LTP-CRL)	5.7	4.1	4.7	FALCON IV	5.6	3.7	4.4
PADRE	5.7	4.1	4.7	JT-33	5.7	3.6	4.4
ROCKET (IS-TF-147)	5.9	3.9	4.7	J-130	5.7	3.6	4.4
HEMI	5.9	4.0	4.7	EINSTEIN	5.5	3.6	4.4
SIDEWINDER (IS-TF-138)	6.1	3.8	4.7	TAHOE II	5.6	3.6	4.4
GAZELLE II (PST-5HP)	5.8	4.1	4.7	SUNSET GOLD (KZ-2)	5.9	3.4	4.4
ESCALANTE (GO-1BFD)	5.5	4.1	4.7	06-WALK	5.5	3.7	4.4
ESCALADE	5.8	3.9	4.7	TOCCOA (IS-TF-151)	6.0	3.5	4.4
SKYLINE	5.8	4.0	4.7	STETSON II (NA-SS)	5.7	3.6	4.4
FAT CAT (IS-TF-161)	5.9	3.8	4.7	REUNION (LS-03)	5.9	3.5	4.4
JT-36	5.7	3.9	4.7	TRIO (IS-TF-152)	5.8	3.7	4.4
TANZANIA (IS-TF-159)	6.2	3.7	4.6	AST9001 (AST-3)	5.6	3.6	4.4
MVS-1107	5.7	3.9	4.6	AST 7002	5.8	3.5	4.4
				COL-1	5.6	3.6	4.4

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) GROWN AT TWO LOCATIONS 1/  
IN THE PACIFIC REGION  
2007-2011 DATA

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

NAME	CA6	WA3	MEAN
MAGELLAN	5.5	3.7	4.4
BAR FA 6363	5.5	3.6	4.3
UMBRELLA (DP 50-9411)	5.7	3.6	4.3
BILTMORE	5.5	3.5	4.3
AST1001 (AST-4)	5.6	3.5	4.3
TULSA TIME (TULSA III)	5.3	3.6	4.3
GOLD MEDALLION (KZ-1)	5.7	3.5	4.3
STR-8GRQR	5.5	3.5	4.3
XTREMEGREEN (BGR-TF2)	5.6	3.5	4.3
PEDIGREE (ATF-1199)	5.8	3.4	4.3
PLATO	5.4	3.5	4.3
TITAN RX (PSG-TTST)	5.2	3.5	4.2
LS 1010 (ATF 1328)	5.5	3.4	4.2
0312	5.7	3.3	4.2
HUNTER	5.5	3.4	4.2
HUDSON (DKS)	5.6	3.3	4.2
AST 7001	5.4	3.4	4.1
LINDBERGH	5.4	3.3	4.1
RENDITION RX (PSG-RNDR)	5.6	3.2	4.1
ARISTOTLE	5.0	3.4	4.1
SILVERADO	4.9	3.5	4.1
CROSSFIRE 3 (COL-J)	5.5	3.2	4.1
PATAGONIA (GWTF)	5.3	3.3	4.1
KY-31	2.4	2.8	2.8
LSD VALUE	0.6	0.7	0.6
C.V. (%)	5.9	11.6	9.2

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2007-11 DATA

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT ESTABLISH- MENT	PERCENT SEDGE	QUALITY RATINGS									MEAN
						MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
ESSENTIAL (IS-TF-154)	81.4	78.9	76.0	88.7	8.0	5.8	6.7	7.9	7.3	7.0	7.6	7.8	7.9	7.5	7.2
TITAN RX (PSG-TTST)	80.3	77.6	73.3	89.7	11.0	6.2	6.9	7.9	7.5	6.9	7.2	7.6	7.0	7.2	7.1
3RD MILLENNIUM SRP	70.7	75.7	71.9	91.7	6.7	5.2	5.9	7.7	7.7	7.1	7.3	7.3	7.6	7.0	7.0
REBEL IV	74.9	75.3	75.0	90.0	6.0	5.7	6.5	7.8	7.7	6.7	7.2	7.3	7.2	7.2	7.0
TITANIUM LS (MVS-BB-1)	76.3	78.1	75.7	86.7	7.0	5.7	6.2	7.9	7.0	6.3	7.3	7.9	7.4	7.0	6.9
XTREMEGREEN (BGR-TF2)	75.0	73.8	74.3	87.3	12.3	5.7	6.2	7.8	7.7	6.6	6.7	7.2	7.3	7.3	6.9
HONKY TONK (RAD-TF17)	70.4	68.8	69.0	85.0	18.3	5.5	6.1	7.6	7.3	6.8	7.0	7.3	7.4	6.8	6.8
JAMBOREE (IS-TF-128)	77.3	74.6	69.5	88.7	16.7	5.7	6.0	7.7	7.5	6.5	6.9	7.3	7.2	6.9	6.8
JUSTICE	77.4	77.1	73.9	87.3	12.3	5.7	6.5	7.5	7.4	6.3	6.7	7.1	6.9	6.9	6.8
PEDIGREE (ATF-1199)	70.4	74.6	73.5	84.3	11.3	5.7	6.1	7.5	7.6	6.7	6.7	6.9	7.1	6.9	6.8
CANNAVARO (DP 50-9440)	71.0	68.6	70.7	85.3	18.7	5.5	5.9	7.5	7.5	6.3	6.4	7.2	7.3	7.2	6.7
FALCON IV	70.9	68.2	67.3	87.3	12.3	5.1	5.9	7.5	7.0	6.5	6.7	7.1	6.9	6.8	6.6
MAGELLAN	68.8	65.1	63.6	85.7	13.7	5.6	6.4	7.3	6.9	6.3	6.7	6.6	6.8	6.4	6.6
PLATO	77.6	74.9	63.3	93.3	4.0	5.7	6.4	7.5	7.5	6.4	6.3	6.8	6.3	6.4	6.6
TRAVERSE SRP (RK-1)	69.1	74.4	68.8	84.0	7.0	4.9	5.8	7.2	7.2	6.3	7.1	7.3	7.3	6.8	6.6
AST9003 (AST-1)	65.0	74.1	68.5	79.7	11.0	5.2	5.9	7.1	7.1	6.1	6.3	7.1	6.9	6.8	6.5
CROSSFIRE 3 (COL-J)	73.6	72.8	64.1	82.3	16.3	5.3	5.9	7.3	6.9	6.3	6.4	6.7	6.8	6.5	6.5
FAT CAT (IS-TF-161)	72.2	70.8	67.5	89.0	21.0	5.3	5.8	7.2	6.9	6.2	6.8	6.9	6.9	6.3	6.5
GARRISON (IS-TF-153)	66.3	69.3	71.6	83.3	7.3	5.3	5.7	6.7	6.3	6.4	6.5	7.2	7.7	7.3	6.5
MVS-341	74.7	78.4	66.3	86.7	11.7	5.3	6.0	7.5	7.1	6.4	6.5	6.7	6.6	6.3	6.5
RAPTOR II (MVS-TF-158)	66.0	74.1	68.8	83.0	13.7	4.9	5.3	7.3	7.1	6.6	6.5	6.8	7.2	6.8	6.5
BLADE RUNNER II (PSG-85QR)	72.6	73.8	69.8	85.3	10.3	5.5	6.0	6.9	7.0	6.1	6.6	6.7	6.5	6.4	6.4
FIRENZA	68.3	69.9	63.3	88.3	12.3	4.9	5.3	7.5	6.9	6.5	6.9	7.2	6.8	6.3	6.4
LINDBERGH	75.6	69.5	61.1	90.3	23.7	5.1	6.1	7.8	7.2	6.5	6.3	6.8	6.4	5.9	6.4
RENDITION RX (PSG-RNDR)	64.9	79.8	64.8	80.7	10.0	5.1	5.6	6.9	6.6	6.2	6.9	7.1	6.8	6.7	6.4
SHENANDOAH III (SH 3)	75.4	68.6	61.7	88.0	18.7	5.4	5.7	7.3	7.0	6.3	6.2	6.3	6.5	6.6	6.4
SPEEDWAY (STR-8BPDx)	71.1	72.8	68.0	90.7	13.3	5.0	5.5	7.2	6.9	6.2	6.5	7.3	7.2	6.8	6.4
06-DUST	72.2	65.3	63.3	80.3	14.0	5.3	5.7	7.2	6.1	5.7	6.2	6.9	6.8	6.8	6.3
AST1001 (AST-4)	76.7	71.2	68.4	88.0	14.3	5.3	5.5	7.5	6.7	6.1	6.3	6.3	6.8	6.8	6.3
BRAVEHEART (DP 50-9407)	71.9	70.5	62.9	88.3	7.3	5.1	5.7	6.6	6.7	6.1	6.6	6.2	6.8	6.3	6.3
CORONA (COL-M)	64.4	69.0	60.5	85.3	10.0	5.3	5.9	6.8	6.4	6.0	6.4	6.1	6.9	6.6	6.3
SPYDER LS (Z-2000)	72.4	69.8	65.4	89.7	12.3	4.9	5.9	6.8	6.8	6.2	6.7	6.5	6.6	6.5	6.3
SR 8650 (STR-8LMM)	67.4	70.0	60.6	86.7	15.0	5.1	5.0	7.3	7.1	6.5	6.3	6.7	6.8	6.4	6.3
STETSON II (NA-SS)	71.8	67.8	69.7	85.7	16.3	5.2	5.7	6.8	6.8	6.3	6.5	6.5	6.7	7.3	6.3
TURBO RZ (BURL-TF8)	67.6	64.5	66.9	85.0	10.3	5.2	5.6	7.1	7.1	6.3	6.3	6.3	6.4	6.3	6.3
VENTURE (J-140)	70.9	66.7	64.8	88.7	6.7	5.2	5.8	7.1	7.1	5.8	6.0	6.2	6.4	6.9	6.3
ARISTOTLE	64.3	64.9	50.1	86.7	10.0	4.7	5.9	7.3	7.4	6.1	6.3	5.7	5.7	5.5	6.2
BULLSEYE	67.2	59.3	66.6	87.3	9.0	5.1	6.1	7.3	6.6	5.7	6.1	6.4	6.3	6.4	6.2
COL-1	75.1	62.4	65.3	84.0	11.7	5.1	6.3	7.3	6.9	5.7	5.7	6.4	6.3	6.4	6.2
ESCALANTE (GO-1BFD)	73.9	68.0	60.1	93.3	11.3	5.1	6.1	7.3	6.5	6.2	6.1	5.8	6.0	6.0	6.2
GREENBROOKS (TG 50-9460)	72.1	68.6	68.3	84.0	15.7	4.9	5.9	7.1	6.7	5.7	6.3	6.4	6.5	6.4	6.2
JT-42	70.6	68.8	62.8	90.0	14.3	5.0	5.7	7.3	6.4	6.0	6.3	6.7	6.7	6.3	6.2
JT-45	72.2	63.7	66.3	87.7	12.7	5.2	6.0	6.8	6.9	6.0	6.4	6.3	6.3	6.3	6.2
KY-31	70.3	70.5	57.6	92.3	6.3	5.1	6.5	7.1	7.2	5.8	6.7	6.7	5.9	5.3	6.2
PSG-82BR	72.8	69.0	66.2	86.3	8.3	5.1	6.0	6.9	6.9	5.9	6.1	6.1	6.3	6.3	6.2

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2007-11 DATA

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

NAME	PERCENT COVER					QUALITY RATINGS									
	SPRING	SUMMER	FALL	ESTABLISH- MENT	PERCENT SEDGE	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
STR-8GRQR	73.0	67.1	67.9	90.0	13.3	5.5	6.1	6.3	6.6	6.0	6.1	5.9	6.3	6.6	6.2
WOLFPACK II (PST-5WMB)	72.0	60.8	61.9	88.0	18.0	5.3	5.8	7.2	7.1	5.8	5.9	6.1	6.4	6.5	6.2
TERRIER (IS-TF-135)	69.3	60.7	60.6	81.7	15.7	4.9	5.5	7.1	6.5	5.8	5.8	6.3	6.4	6.5	6.1
TULSA TIME (TULSA III)	64.9	63.7	62.0	86.7	7.7	4.7	5.5	7.1	6.8	6.3	6.3	6.4	6.2	6.3	6.1
BAR FA 6363	74.7	61.6	62.4	88.7	16.0	5.2	5.5	6.9	7.0	5.5	5.7	5.6	6.1	6.1	6.0
BILTMORE	74.8	61.6	62.3	90.0	26.7	5.5	5.8	7.1	6.9	5.9	5.5	5.8	6.0	5.9	6.0
HUDSON (DKS)	70.0	64.8	62.6	89.3	10.3	4.9	5.5	6.5	6.7	6.3	5.9	5.8	6.3	6.2	6.0
HUNTER	59.6	65.2	52.4	83.7	23.0	4.9	5.4	6.9	6.9	5.9	6.0	5.8	6.1	5.6	6.0
JT-36	72.1	69.3	67.9	90.0	7.3	4.9	5.7	6.9	6.7	6.1	5.9	5.8	5.7	6.0	6.0
RK 4	68.3	60.8	60.2	87.7	7.0	4.7	5.7	6.8	6.8	5.5	5.7	6.1	6.3	6.3	6.0
SUNSET GOLD (KZ-2)	64.0	63.2	58.6	74.0	13.7	4.8	5.3	6.5	6.9	5.8	6.3	6.1	6.1	5.9	6.0
TITAN ULTRA (PSG-TTRH)	76.6	60.6	55.3	89.0	4.3	4.9	6.1	7.6	7.0	5.8	5.9	5.8	5.8	5.4	6.0
TOCCOA (IS-TF-151)	65.8	66.2	56.7	85.3	34.3	4.9	5.8	7.4	6.7	5.7	5.7	6.1	5.8	5.9	6.0
06-WALK	71.4	60.1	62.1	84.7	20.3	5.0	5.9	7.2	6.3	5.7	5.7	5.8	5.8	6.0	5.9
CATALYST (NA-BT-1)	70.0	57.2	65.1	86.3	9.0	5.0	5.6	7.0	6.5	5.8	5.6	5.8	6.1	6.0	5.9
ESCALADE	68.9	64.1	51.0	93.3	5.7	5.2	5.8	7.1	6.6	5.9	5.6	5.3	5.7	5.8	5.9
FIRECRACKER LS (MVS-MST)	71.7	66.5	61.4	93.0	10.7	5.2	5.7	7.0	6.4	5.8	5.8	5.3	6.1	5.7	5.9
INTEGRITY (BGR-TF1)	61.9	61.3	51.7	92.0	9.0	4.7	5.4	6.7	6.7	6.0	5.9	5.8	5.8	5.7	5.9
J-130	65.2	58.1	58.4	83.3	6.7	4.3	5.5	6.9	6.5	5.9	6.0	5.8	6.3	6.0	5.9
JT-33	68.7	66.4	64.0	84.3	16.7	4.8	5.3	6.7	6.4	6.1	5.9	6.2	6.2	5.9	5.9
MUSTANG 4 (M4)	69.4	66.7	65.2	85.0	13.7	4.5	5.3	6.8	6.4	5.6	6.1	6.4	6.5	6.3	5.9
NINJA 3 (ATF 1247)	68.3	62.7	58.7	88.7	12.0	4.7	5.3	6.9	6.7	5.9	6.1	6.3	6.0	6.1	5.9
RNP	72.1	64.1	63.8	81.0	11.7	4.9	5.3	6.7	6.4	5.8	5.8	6.3	6.3	5.9	5.9
TURBO	70.7	62.3	58.5	87.3	12.0	4.5	5.7	6.5	6.6	5.7	5.7	5.7	6.1	6.1	5.9
AST9002 (AST-2)	66.0	60.2	55.5	88.3	8.0	4.9	5.9	6.4	6.1	5.7	5.7	5.6	5.8	5.6	5.8
COMPETE (LS-06)	64.7	57.0	58.0	83.0	14.3	4.3	5.0	6.7	6.3	5.9	5.8	5.5	5.9	6.3	5.8
DARLINGTON (CS-TF1)	66.1	57.4	63.2	81.0	11.7	4.4	5.3	6.5	6.6	6.1	5.5	5.8	6.2	6.3	5.8
KY-41 (JT-41)	71.1	58.4	57.3	88.3	13.3	5.1	5.7	7.3	6.0	5.5	5.8	6.1	5.9	5.6	5.8
MONET (LTP-610 CL)	69.3	59.5	59.1	92.3	8.7	4.6	5.6	7.4	6.6	5.7	5.6	5.3	5.7	5.8	5.8
PADRE	70.8	60.7	57.6	90.3	13.7	4.8	5.7	6.9	6.7	5.7	5.9	5.8	5.8	5.8	5.8
TANZANIA (IS-TF-159)	65.7	66.7	56.1	87.0	19.3	4.1	5.3	6.9	6.7	5.9	5.8	5.8	5.9	5.8	5.8
TRIO (IS-TF-152)	65.4	57.0	60.8	85.7	14.7	4.3	5.3	6.3	6.4	5.8	5.8	6.0	6.2	6.2	5.8
CEZANNE RZ (LTP-CRL)	57.8	60.0	49.0	77.7	11.3	4.6	5.4	6.7	6.3	5.5	5.7	5.5	5.8	5.6	5.7
FINELAWN XPRESS (RP 2)	66.9	64.3	55.8	81.7	13.0	4.3	5.4	6.3	6.5	5.5	5.8	5.7	5.9	5.6	5.7
SKYLINE	65.8	54.6	59.3	85.3	13.0	4.3	5.8	6.8	6.3	5.2	5.7	5.7	5.8	5.9	5.7
GUARDIAN 41 (STR-8BB5)	63.9	62.5	51.5	87.0	6.7	4.5	5.4	6.7	6.2	5.7	5.8	5.6	5.8	5.3	5.7
Q312	67.2	56.8	57.6	84.7	12.3	4.8	5.4	6.6	6.1	5.3	5.5	5.4	5.5	5.6	5.6
AST7003	60.4	60.8	53.3	80.0	21.3	4.6	5.0	6.3	6.3	5.9	5.5	5.9	5.8	5.6	5.6
AST9001 (AST-3)	72.0	53.4	57.1	85.7	6.3	4.5	5.4	6.3	6.4	5.3	5.3	5.7	6.1	5.9	5.6
HEMI	70.8	53.0	52.0	81.3	12.3	4.4	5.6	6.8	6.4	5.3	5.1	5.3	5.6	5.8	5.6
RHAMBLER SRP (RHAMBLER)	63.2	57.2	55.2	85.3	4.0	4.1	5.1	6.5	6.5	5.4	5.6	5.4	5.4	6.0	5.6
ROCKET (IS-TF-147)	63.0	53.4	53.7	86.0	22.3	4.4	5.3	6.8	6.3	5.5	5.2	5.2	5.5	5.7	5.6
UMBRELLA (DP 50-9411)	69.0	58.1	60.8	89.0	9.3	4.5	5.2	6.1	5.9	5.3	5.8	5.8	6.0	5.9	5.6
COCHISE IV (RKCL)	62.3	55.6	58.9	82.7	13.0	4.0	4.5	6.1	5.9	5.7	5.9	5.8	6.0	6.1	5.5
FALCON V (ATM)	65.6	56.7	57.3	82.3	7.0	4.4	5.3	6.1	6.0	5.5	5.6	5.4	5.8	6.1	5.5

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2007-11 DATA

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

NAME	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT SEDGE	MAR	APR	MAY	JUN	QUALITY RATINGS					MEAN
	COVER SPRING	COVER SUMMER	COVER FALL	ESTABLISH- MENT						JUL	AUG	SEP	OCT	NOV	
MVS-1107	60.1	57.3	48.5	92.3	14.0	4.7	5.3	6.7	5.9	4.9	5.3	5.3	5.3	5.3	5.5
RK 5	63.4	56.8	52.2	90.7	4.0	4.5	5.2	6.1	6.1	5.3	5.7	5.4	5.3	5.3	5.5
SHENANDOAH ELITE (RK 6)	66.2	57.3	54.9	92.3	3.7	4.3	4.9	6.3	6.2	5.5	5.6	5.4	5.9	5.8	5.5
AST 7002	71.3	48.3	52.5	81.7	18.7	4.6	5.1	6.6	6.5	5.7	5.1	4.6	5.2	5.3	5.4
EINSTEIN	70.9	53.6	44.8	85.3	9.7	4.4	5.1	6.9	6.1	5.3	5.1	5.6	5.3	4.8	5.4
RENOVATE (LS-11)	63.4	56.7	52.1	83.3	15.0	4.0	5.1	6.3	5.9	5.4	5.7	5.2	5.2	5.3	5.4
SILVERADO	59.7	55.6	46.9	94.7	20.7	3.8	4.9	6.7	6.5	5.5	5.6	4.8	5.0	4.8	5.3
GOLD MEDALLION (KZ-1)	72.4	52.6	46.3	87.3	7.7	4.5	5.3	6.3	5.7	4.9	5.0	5.1	5.2	5.2	5.2
FAITH (K06-WA)	66.9	55.2	58.6	92.3	5.3	4.4	4.9	5.9	5.3	4.9	5.2	5.6	5.8	6.0	5.1
GE-1	59.8	42.3	47.8	80.7	5.0	4.9	5.1	6.2	5.6	4.6	4.7	4.7	4.7	5.0	5.1
TAHOE II	60.4	53.2	37.3	79.7	15.0	4.0	5.0	6.3	5.6	5.1	5.4	4.7	5.1	5.0	5.1
TALLADEGA (RP 3)	56.2	54.9	50.3	83.3	14.3	3.9	4.9	6.1	5.6	5.3	5.2	4.7	4.9	5.3	5.1
BAR FA 6253	64.8	49.8	42.3	89.7	21.0	4.1	5.0	5.9	5.6	4.7	5.1	4.7	4.8	4.6	5.0
FALCON NG (CE 1)	60.6	49.0	49.4	87.7	2.7	4.0	4.9	6.0	5.4	4.5	4.7	4.5	5.0	5.3	5.0
REMBRANDT	67.3	45.5	45.6	87.0	8.3	3.7	4.9	6.5	6.0	5.0	5.0	4.6	5.0	4.9	5.0
LS 1010 (ATF 1328)	67.3	46.2	36.8	86.7	8.0	4.1	5.0	6.4	5.7	4.3	4.5	4.8	5.4	5.3	4.9
SIDEWINDER (IS-TF-138)	57.9	53.3	44.2	82.7	33.3	3.7	4.4	5.6	5.7	5.3	5.0	4.8	4.8	4.9	4.9
AST 7001	62.3	47.8	46.8	82.0	18.7	4.0	4.6	5.9	5.5	5.0	4.3	4.3	4.9	5.3	4.8
PATAGONIA (GWTF)	54.7	49.5	43.1	85.3	10.3	4.1	4.7	5.7	5.3	5.1	4.7	4.3	4.7	4.8	4.8
REUNION (LS-03)	58.9	48.5	42.7	86.3	9.7	3.5	4.3	5.3	5.8	4.9	4.4	4.3	4.6	4.8	4.6
VAN GOGH (LTP-RK2)	63.9	42.0	41.2	91.7	13.0	3.4	4.8	5.9	5.1	4.4	4.4	4.5	4.4	4.4	4.5
GAZELLE II (PST-5HP)	61.4	37.8	41.3	78.0	9.7	3.9	4.5	5.3	4.5	4.1	3.9	4.1	4.8	5.0	4.3
LS 1200 (SC-1)	47.1	38.2	30.4	91.0	9.3	2.9	3.7	5.2	4.1	3.1	3.1	3.1	3.7	3.9	3.6
LSD VALUE	24.1	24.2	14.6	20.7	16.8	1.1	1.2	0.9	0.9	1.8	1.0	1.2	1.1	1.2	0.7
C.V. (%)	21.4	37.0	29.3	7.0	60.3	29.4	25.1	18.1	19.5	31.7	23.9	24.7	22.9	22.6	17.7

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 11.

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/  
2007 DATA

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
	OCT 1 0 PASSES	OCT 3 8 PASSES	OCT 4 16 PASSES	OCT 5 24 PASSES	OCT 10 6 DAYS AFTER TRAFFIC	NOV 1 22 DAYS AFTER TRAFFIC
BULLSEYE	95.7	90.0	83.3	75.0	66.7	45.0
MONET (LTP-610 CL)	94.0	91.7	86.7	73.3	60.0	43.3
FALCON V (ATM)	97.3	95.0	86.7	75.0	63.3	41.7
FIRECRACKER LS (MVS-MST)	95.7	91.7	85.0	78.3	68.3	38.3
LS 1200 (SC-1)	95.7	91.7	86.7	81.7	70.0	43.3
SPYDER LS (Z-2000)	92.3	86.7	83.3	75.0	65.0	50.0
ESSENTIAL (IS-TF-154)	94.0	88.3	85.0	75.0	61.7	41.7
RK 5	94.0	83.3	81.7	70.0	58.3	41.7
COCHISE IV (RKCL)	95.7	88.3	85.0	73.3	58.3	51.7
GREENBROOKS (TG 50-9460)	90.7	86.7	80.0	63.3	58.3	51.7
CANNAVARO (DP 50-9440)	94.0	91.7	81.7	70.0	58.3	48.3
CATALYST (NA-BT-1)	94.0	90.0	85.0	68.3	61.7	50.0
HEMI	90.7	90.0	81.7	73.3	61.7	45.0
PST-5WMB	92.3	88.3	83.3	70.0	60.0	46.7
TURBO	92.3	90.0	80.0	71.7	60.0	45.0
SPEEDWAY (STR-8BPDx)	89.0	85.0	81.7	68.3	60.0	38.3
RHAMBLER SRP (RHAMBLER)	92.3	86.7	85.0	73.3	61.7	36.7
TALLADEGA (RP 3)	87.3	86.7	85.0	71.7	65.0	43.3
RK 4	90.7	86.7	81.7	73.3	55.0	35.0
SHENANDOAH ELITE (RK 6)	90.7	90.0	85.0	73.3	55.0	41.7
SHENANDOAH III (SH 3)	94.0	90.0	85.0	78.3	68.3	43.3
JAMBOREE (IS-TF-128)	85.7	85.0	78.3	71.7	63.3	35.0
MUSTANG 4 (M4)	90.7	83.3	83.3	70.0	60.0	43.3
3RD MILLENNIUM SRP	89.0	86.7	80.0	63.3	46.7	36.7
RAPTOR II (MVS-TF-158)	89.0	86.7	78.3	66.7	56.7	38.3
ESCALADE	89.0	83.3	73.3	58.3	55.0	41.7
FIRENZA	89.0	88.3	85.0	75.0	65.0	46.7
FAITH (K06-WA)	95.7	91.7	81.7	73.3	60.0	40.0
FINELAWN XPRESS (RP 2)	92.3	86.7	81.7	71.7	58.3	46.7
BRAVEHEART (DP 50-9407)	92.3	86.7	76.7	61.7	55.0	38.3
TANZANIA (IS-TF-159)	84.0	83.3	80.0	70.0	60.0	40.0
VENTURE (J-140)	90.7	83.3	78.3	60.0	55.0	43.3
GUARDIAN 41 (STR-8BB5)	87.3	81.7	78.3	58.3	51.7	41.7
SIDEWINDER (IS-TF-138)	89.0	85.0	78.3	63.3	56.7	38.3
SR 8650 (STR-8LMM)	85.7	80.0	78.3	65.0	56.7	43.3
HUDSON (DKS)	85.7	76.7	70.0	55.0	53.3	40.0
AGGRESSOR (IS-TF-153)	85.7	85.0	78.3	71.7	63.3	43.3
TRAVERSE SRP (RK-1)	90.7	88.3	81.7	71.7	58.3	46.7
RNP	85.7	75.0	70.0	50.0	50.0	35.0
VAN GOGH (LTP-RK2)	92.3	88.3	81.7	66.7	60.0	38.3
KY-41 (JT-41)	85.7	86.7	80.0	66.7	56.7	41.7
REBEL IV	82.3	83.3	76.7	61.7	51.7	48.3
AST9002 (AST-2)	85.7	78.3	73.3	56.7	48.3	38.3
FALCON NG (CE 1)	85.7	81.7	76.7	66.7	55.0	50.0
ROCKET (IS-TF-147)	87.3	85.0	83.3	65.0	58.3	35.0



TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/  
2007 DATA

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
	OCT 1 0 PASSES	OCT 3 8 PASSES	OCT 4 16 PASSES	OCT 5 24 PASSES	OCT 10 6 DAYS AFTER TRAFFIC	NOV 1 22 DAYS AFTER TRAFFIC
REUNION (LS-03)	89.0	80.0	73.3	56.7	51.7	33.3
AST9001 (AST-3)	80.7	81.7	71.7	53.3	46.7	35.0
AST1001 (AST-4)	84.0	80.0	71.7	56.7	50.0	41.7
INTEGRITY (BGR-TF1)	87.3	83.3	75.0	60.0	50.0	35.0
TRIO (IS-TF-152)	89.0	81.7	73.3	61.7	56.7	36.7
TITANIUM LS (MVS-BB-1)	87.3	86.7	80.0	71.7	58.3	33.3
PSG-82BR	87.3	85.0	81.7	66.7	61.7	38.3
AST 7003	85.7	78.3	75.0	56.7	51.7	35.0
UMBRELLA (DP 50-9411)	89.0	81.7	80.0	63.3	53.3	43.3
FALCON IV	84.0	81.7	76.7	65.0	51.7	40.0
GE-1	84.0	81.7	75.0	63.3	53.3	40.0
TERRIER (IS-TF-135)	87.3	80.0	78.3	63.3	48.3	31.7
GAZELLE II (PST-5HP)	87.3	83.3	80.0	63.3	60.0	40.0
CROSSFIRE 3 (COL-J)	82.3	75.0	65.0	46.7	38.3	33.3
CORONA (COL-M)	85.7	80.0	73.3	60.0	48.3	35.0
DARLINGTON (CS-TF1)	82.3	80.0	73.3	53.3	50.0	40.0
FAT CAT (IS-TF-161)	85.7	80.0	78.3	60.0	51.7	33.3
J-130	85.7	81.7	73.3	61.7	50.0	35.0
GOLD MEDALLION (KZ-1)	87.3	81.7	73.3	55.0	48.3	30.0
PADRE	85.7	83.3	80.0	66.7	55.0	43.3
TAHOE II	82.3	76.7	68.3	51.7	43.3	38.3
BAR FA 6253	84.0	81.7	73.3	55.0	53.3	30.0
CEZANNE RZ (LTP-CRL)	85.7	78.3	75.0	58.3	53.3	38.3
TOCCOA (IS-TF-151)	85.7	83.3	81.7	65.0	51.7	31.7
JT-33	84.0	80.0	73.3	51.7	51.7	30.0
JT-42	84.0	83.3	76.7	58.3	53.3	35.0
COMPETE (LS-06)	85.7	80.0	71.7	55.0	40.0	35.0
MVS-341	82.3	81.7	78.3	65.0	45.0	33.3
LS 1010 (ATF 1328)	85.7	78.3	75.0	55.0	50.0	31.7
JT-36	82.3	81.7	78.3	56.7	48.3	30.0
JT-45	85.7	80.0	70.0	58.3	53.3	36.7
SUNSET GOLD (KZ-2)	85.7	80.0	75.0	56.7	50.0	40.0
HONKY TONK (RAD-TF17)	84.0	78.3	73.3	61.7	51.7	40.0
REMBRANDT	85.7	80.0	73.3	53.3	46.7	43.3
TULSA TIME (TULSA III)	80.7	80.0	76.7	63.3	48.3	33.3
0312	85.7	75.0	66.7	48.3	36.7	28.3
XTREMEGREEN (BGR-TF2)	80.7	75.0	73.3	61.7	45.0	35.0
PATAGONIA (GWTF)	80.7	78.3	75.0	58.3	50.0	31.7
RENOVATE (LS-11)	87.3	78.3	70.0	50.0	43.3	28.3
BLADE RUNNER II (PSG-85QR)	82.3	81.7	78.3	66.7	55.0	38.3
TURBO RZ (BURL-TF8)	82.3	81.7	78.3	58.3	46.7	36.7
EINSTEIN	85.7	81.7	76.7	55.0	46.7	40.0
JUSTICE	84.0	80.0	76.7	56.7	55.0	33.3
SKYLINE	79.0	76.7	75.0	55.0	40.0	35.0
06-DUST	85.7	78.3	71.7	53.3	45.0	38.3

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

2007 DATA

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY					
	OCT 1 0 PASSES	OCT 3 8 PASSES	OCT 4 16 PASSES	OCT 5 24 PASSES	OCT 10 6 DAYS AFTER TRAFFIC	NOV 1 22 DAYS AFTER TRAFFIC
06-WALK	80.7	75.0	66.7	55.0	43.3	33.3
AST 7002	84.0	81.7	78.3	55.0	50.0	36.7
AST9003 (AST-1)	82.3	80.0	71.7	56.7	50.0	36.7
NINJA 3 (ATF 1247)	84.0	80.0	73.3	58.3	45.0	38.3
COL-1	80.7	80.0	73.3	55.0	48.3	33.3
STETSON II (NA-SS)	80.7	78.3	71.7	58.3	48.3	31.7
PEDIGREE (ATF-1199)	84.0	80.0	75.0	56.7	53.3	38.3
HUNTER	82.3	75.0	71.7	53.3	45.0	28.3
AST 7001	82.3	80.0	70.0	51.7	45.0	35.0
BILTMORE	80.7	80.0	75.0	60.0	51.7	43.3
TITAN ULTRA (PSG-TTRH)	80.7	76.7	70.0	58.3	45.0	33.3
MAGELLAN	80.7	78.3	71.7	53.3	45.0	35.0
MVS-1107	82.3	76.7	70.0	60.0	48.3	38.3
STR-8GRQR	80.7	76.7	68.3	55.0	40.0	31.7
BAR FA 6363	79.0	70.0	61.7	38.3	33.3	26.7
LINDBERGH	79.0	78.3	70.0	60.0	45.0	36.7
PLATO	77.3	73.3	65.0	48.3	38.3	38.3
ESCALANTE (GO-1BFD)	80.7	76.7	68.3	53.3	43.3	35.0
TITAN RX (PSG-TTST)	79.0	75.0	70.0	50.0	41.7	36.7
RENDITION RX (PSG-RNDR)	77.3	71.7	61.7	45.0	35.0	30.0
ARISTOTLE	74.0	70.0	58.3	41.7	31.7	35.0
SILVERADO	74.0	70.0	61.7	48.3	36.7	35.0
KY-31	50.7	38.3	28.3	13.3	16.7	21.7
LSD VALUE	5.7	5.6	7.9	10.6	11.6	11.1
C.V. (%)	4.3	4.6	6.7	11.2	13.8	16.0

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

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

TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	RECEIVED TRAFFIC IN FALL 2007		POA ANNUA MAY	RECEIVED TRAFFIC IN FALL 2007		
	% FULLNESS CANOPY MAY 8	JUN 4		BROWN PATCH RATINGS		
				JUN	JUL 8	JUL 21
BULLSEYE	41.7	78.3	7.3	7.3	7.3	8.0
COCHISE IV (RKCL)	38.3	78.3	7.7	7.3	6.0	7.7
CANNAVARO (DP 50-9440)	43.3	76.7	6.7	7.7	6.3	7.3
CATELYST (NA-BT-1)	48.3	81.7	8.3	8.3	8.7	9.0
TURBO	46.7	73.3	7.3	7.7	7.0	8.7
WOLFPACK II (PST-5WMB)	40.0	75.0	8.0	8.7	8.7	9.0
RK 5	46.7	73.3	8.7	8.0	7.0	8.7
FIRECRACKER LS (MVS-MST)	36.7	68.3	8.7	7.0	6.3	7.0
FALCON V (ATM)	45.0	80.0	7.7	8.7	8.0	8.3
TANZANIA (IS-TF-159)	41.7	66.7	7.7	8.3	6.3	8.3
MUSTANG 4 (M4)	45.0	78.3	8.0	7.7	7.3	8.3
SHENANDOAH ELITE (RK 6)	38.3	81.7	8.3	8.0	7.3	8.3
GREENBROOKS (TG 50-9460)	50.0	73.3	8.3	8.0	7.3	8.7
FAITH (K06-WA)	43.3	73.3	8.3	7.0	6.3	8.0
MONET (LTP-610 CL)	45.0	73.3	8.3	7.7	6.7	8.0
SPEEDWAY (STR-8BPDJ)	45.0	71.7	8.0	7.3	7.7	9.0
FIRENZA	45.0	75.0	8.0	7.3	6.7	8.0
HEMI	53.3	73.3	8.3	8.3	8.3	8.7
RHAMBLER SRP (RHAMBLER)	35.0	66.7	7.3	7.7	6.3	8.7
BRAVEHEART (DP 50-9407)	31.7	58.3	7.7	8.3	7.7	8.7
3RD MILLENNIUM SRP	38.3	73.3	8.0	7.3	6.0	8.0
FINELAWN XPRESS (RP 2)	48.3	75.0	8.0	8.0	6.7	8.0
AGGRESSOR (IS-TF-153)	51.7	75.0	8.7	7.7	7.7	8.3
ESSENTIAL (IS-TF-154)	41.7	71.7	8.3	7.3	6.0	7.7
JAMBOREE (IS-TF-128)	40.0	65.0	8.0	7.3	7.3	8.7
RK 4	30.0	68.3	7.7	7.7	7.0	8.3
LS 1200 (SC-1)	50.0	76.7	9.0	8.0	4.7	7.3
SHENANDOAH III (SH 3)	51.7	76.7	8.0	8.0	7.7	8.7
VAN GOGH (LTP-RK2)	46.7	73.3	8.3	8.0	7.3	8.0
RAPTOR II (MVS-TF-158)	38.3	68.3	8.3	7.3	7.0	8.3
ROCKET (IS-TF-147)	36.7	68.3	8.7	7.3	6.7	7.7
BAR FA 6253	43.3	66.7	8.0	7.0	6.7	7.7
SPYDER LS (Z-2000)	40.0	71.7	8.0	7.0	6.3	8.0
GUARDIAN 41 (STR-8BB5)	36.7	68.3	7.7	7.0	5.3	8.0
TALLADEGA (RP 3)	40.0	71.7	8.7	8.0	8.0	8.7
COMPETE (LS-06)	36.7	71.7	5.7	6.3	5.7	7.3
TRAVERSE SRP (RK-1)	55.0	75.0	8.3	7.7	6.0	8.3
ESCALADE	51.7	75.0	8.0	7.3	5.7	7.7
VENTURE (J-140)	36.7	65.0	7.7	7.3	7.3	8.3
GAZELLE II (PST-5HP)	45.0	75.0	8.0	7.0	5.3	7.3
SR 8650 (STR-8LMM)	48.3	75.0	7.3	7.7	8.0	8.7
INTEGRITY (BGR-TF1)	45.0	67.0	7.7	7.7	8.3	8.3
FALCON NG (CE 1)	56.7	70.0	8.3	7.7	7.3	8.3
AST9003 (AST-1)	40.0	66.7	4.7	5.0	3.3	6.0
PSG-82BR	50.0	71.7	9.0	7.7	7.0	8.0

TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	RECEIVED TRAFFIC IN FALL 2007		RECEIVED TRAFFIC IN FALL 2007			
	% FULLNESS MAY 8	CANOPY JUN 4	POA ANNUA MAY	BROWN PATCH RATINGS		
			JUN	JUL 8	JUL 21	
TRIO (IS-TF-152)	38.3	63.3	7.7	6.7	6.0	7.7
JT-45	48.3	70.0	7.7	6.3	6.0	7.0
BLADE RUNNER II (PSG-85QR)	53.3	70.0	8.0	8.3	7.7	9.0
CEZANNE RZ (LTP-CRL)	38.3	70.0	8.3	6.0	6.3	7.0
DARLINGTON (CS-TF1)	38.3	68.3	7.0	6.7	6.3	7.7
FAT CAT (IS-TF-161)	38.3	63.3	8.0	7.0	5.0	7.0
TERRIER (IS-TF-135)	26.7	53.3	7.7	5.7	5.0	7.7
SIDEWINDER (IS-TF-138)	30.0	63.3	6.7	7.3	6.0	8.3
TITANIUM LS (MVS-BB-1)	53.3	75.0	8.7	7.3	7.3	8.0
TOCCOA (IS-TF-151)	23.3	50.0	6.0	7.7	6.7	7.3
NINJA 3 (ATF 1247)	38.3	70.0	7.0	5.3	4.3	7.3
J-130	43.3	68.3	7.3	6.0	4.7	6.7
REUNION (LS-03)	35.0	70.0	6.0	6.3	5.7	7.0
RENOVATE (LS-11)	31.7	68.3	6.0	7.0	6.0	8.0
MVS-1107	43.3	68.3	6.7	7.7	7.0	8.7
RNP	43.3	65.0	6.3	6.3	5.0	7.7
AST9001 (AST-3)	41.7	78.3	7.3	6.0	6.3	7.7
AST1001 (AST-4)	40.0	70.0	7.3	5.3	5.0	7.3
PEDIGREE (ATF-1199)	40.0	65.0	7.0	6.3	6.7	8.0
CORONA (COL-M)	35.0	66.7	6.7	7.3	6.0	6.3
PADRE	55.0	71.7	8.0	6.7	5.0	7.7
HUDSON (DKS)	46.7	71.7	6.7	6.3	5.3	6.3
UMBRELLA (DP 50-9411)	28.3	60.0	7.3	6.0	5.0	7.3
JT-42	45.0	68.3	7.3	7.0	7.3	8.7
GOLD MEDALLION (KZ-1)	36.7	63.3	6.0	6.3	5.0	7.7
06-DUST	48.3	68.3	8.0	6.3	4.7	7.0
AST 7002	38.3	70.0	7.3	7.0	6.0	7.3
COL-1	38.3	65.0	6.3	5.7	5.0	7.7
SKYLINE	36.7	68.3	7.0	8.3	7.3	8.0
GE-1	48.3	73.3	8.3	6.0	3.7	7.0
JT-36	30.0	60.0	7.0	7.3	7.0	7.7
REBEL IV	58.3	71.7	7.7	7.3	7.0	8.3
HONKY TONK (RAD-TF17)	55.0	66.7	8.3	7.7	7.3	8.3
TAHOE II	43.3	71.7	7.3	6.7	6.3	8.0
TULSA TIME (TULSA III)	38.3	71.7	7.3	6.7	4.7	7.0
CROSSFIRE 3 (COL-J)	41.7	66.7	6.7	6.0	5.0	7.3
PATAGONIA (GWTF)	38.3	70.0	7.7	6.0	4.7	7.0
KY-41 (JT-41)	45.0	71.7	8.0	4.7	5.0	7.7
STETSON II (NA-SS)	46.7	70.0	7.3	6.7	5.7	7.3
TURBO RZ (BURL-TF8)	40.0	70.0	7.3	7.3	7.3	7.7
JUSTICE	40.0	66.7	7.0	6.7	6.3	8.0
SUNSET GOLD (KZ-2)	45.0	71.7	7.0	5.7	3.7	6.0
AST 7001	36.7	65.0	7.3	5.7	4.7	6.3
AST9002 (AST-2)	36.7	70.0	6.0	5.3	4.3	7.0
JT-33	36.7	65.0	7.3	6.3	6.3	8.0

TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	RECEIVED TRAFFIC IN FALL 2007			RECEIVED TRAFFIC IN FALL 2007		
	% FULLNESS MAY 8	CANOPY JUN 4	POA ANNUA MAY	BROWN PATCH RATINGS		
				JUN	JUL 8	JUL 21
MVS-341	41.7	71.7	8.7	6.7	6.3	8.3
O6-WALK	46.7	66.7	6.3	6.7	5.0	7.3
AST 7003	40.0	68.3	6.3	6.3	5.7	7.3
TITAN ULTRA (PSG-TTRH)	38.3	63.3	6.7	6.7	5.3	7.3
STR-8GRQR	40.0	61.7	7.7	6.0	5.0	7.7
ATF 1328	35.0	63.3	7.7	6.0	3.3	6.3
FALCON IV	48.3	73.3	7.7	6.3	3.3	6.7
REMBRANDT	48.3	66.7	8.7	5.7	4.3	7.3
BAR FA 6363	36.7	61.7	7.7	6.3	5.3	7.0
XTREMEGREEN (BGR-TF2)	41.7	73.3	5.0	6.7	5.3	6.7
BILTMORE	56.7	75.0	8.0	7.0	5.3	7.7
HUNTER	38.3	65.0	6.3	4.7	3.3	7.0
0312	40.0	71.7	7.3	6.0	6.0	7.3
GO-1BFD	56.7	70.0	7.0	5.0	4.7	7.7
LINDBERGH	50.0	65.0	8.7	5.7	6.3	8.3
MAGELLAN	45.0	63.3	8.0	6.7	5.3	8.3
EINSTEIN	46.7	66.7	8.0	5.0	4.3	7.3
ARISTOTLE	50.0	61.7	7.0	5.0	3.7	7.0
PLATO	51.7	61.7	8.0	4.7	4.3	6.7
RENDITION RX (PSG-RNDR)	38.3	65.0	6.7	5.7	5.7	7.3
PSG-TTST	46.7	63.3	8.0	4.3	3.3	6.3
SILVERADO	46.7	61.7	7.0	6.0	4.7	7.7
KY-31	53.3	48.3	7.0	5.7	5.3	7.7
LSD VALUE	17.3	11.0	1.6	2.6	8.0	2.5
C.V. (%)	19.9	8.9	11.9	18.0	34.9	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 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SUMMER 2008								WEAR TOLERANCE (TRAFFIC IN SUMMER 2008)			
	JUL 21 PRE-WEAR	JUL 22 8 PASSES	JUL 23 16 PASSES	AUG 4 12 DAW*/	AUG 13 9 DAC**/	AUG 22 18 DAC	SEP 3 30 DAC	OCT 3 60 DAC	JUL 25 2 DAW	AUT 13 9 DAC	AUG 22 18 DAC	SEP 12 39 DAC
BULLSEYE	81.7	80.0	68.3	66.7	46.7	46.7	65.0	83.3	7.7	4.3	4.3	6.0
COCHISE IV (RKCL)	80.0	81.7	61.7	53.3	41.7	41.7	55.0	81.7	5.3	3.7	4.7	6.3
CANNAVARO (DP 50-9440)	85.0	85.0	65.0	63.3	45.0	45.0	61.7	88.3	5.7	4.0	4.7	6.3
CATELYST (NA-BT-1)	95.0	91.7	73.3	73.3	46.7	55.0	65.0	83.3	7.0	5.7	6.3	6.7
TURBO	80.0	80.0	68.3	70.0	43.3	51.7	70.0	85.0	6.7	4.3	5.3	7.3
WOLFPACK II (PST-5WMB)	86.7	85.0	70.0	73.3	58.3	65.0	80.0	75.0	7.0	5.7	6.3	8.7
RK 5	86.7	81.7	68.3	68.3	51.7	53.3	66.7	85.0	7.0	5.3	5.7	7.3
FIRECRACKER LS (MVS-MST)	78.3	78.3	60.0	61.7	38.3	35.0	45.0	80.0	5.3	3.7	3.7	4.7
FALCON V (ATM)	91.7	91.7	80.0	75.0	50.0	55.0	58.3	83.3	8.0	6.0	6.3	6.7
TANZANIA (IS-TF-159)	76.7	78.3	60.0	63.3	46.7	48.3	68.3	75.0	5.3	5.0	5.7	7.0
MUSTANG 4 (M4)	75.0	75.0	63.3	68.3	48.3	50.0	61.7	76.7	6.0	5.3	5.3	6.0
SHENANDOAH ELITE (RK 6)	88.3	85.0	73.3	70.0	56.7	53.3	63.3	81.7	7.3	6.0	6.3	6.7
GREENBROOKS (TG 50-9460)	86.7	83.3	65.0	63.3	51.7	56.7	68.3	85.0	7.0	5.7	7.0	7.7
FAITH (K06-WA)	80.0	78.3	68.3	65.0	43.3	41.7	60.0	76.7	6.0	4.7	5.0	6.3
MONET (LTP-610 CL)	81.7	80.0	61.7	65.0	48.3	53.3	63.3	80.0	5.7	5.7	6.0	7.3
SPEEDWAY (STR-8BPDx)	85.0	83.3	68.3	71.7	50.0	51.7	71.7	80.0	6.3	5.3	5.7	7.7
FIRENZA	80.0	80.0	61.7	63.3	45.0	41.7	53.3	75.0	5.7	5.0	5.0	5.3
HEMI	90.0	85.0	73.3	66.7	48.3	50.0	66.7	75.0	7.0	5.3	6.0	6.7
RHAMBLER SRP (RHAMBLER)	81.7	80.0	60.0	58.3	38.3	43.3	50.0	76.7	5.7	4.0	4.7	5.7
BRAVEHEART (DP 50-9407)	81.7	80.0	61.7	60.0	40.0	40.0	63.3	86.7	5.7	4.0	5.7	6.7
3RD MILLENNIUM SRP	81.7	76.7	55.0	61.7	48.3	51.7	61.7	75.0	5.3	4.3	5.3	6.3
FINELAWN XPRESS (RP 2)	83.3	80.0	68.3	61.7	50.0	46.7	58.3	73.3	6.0	5.0	5.3	6.0
AGGRESSOR (IS-TF-153)	81.7	78.3	68.3	66.7	48.3	50.0	66.7	80.0	6.3	5.0	6.0	7.3
ESSENTIAL (IS-TF-154)	78.3	78.3	65.0	58.3	43.3	43.3	60.0	76.7	5.0	4.7	4.3	6.3
JAMBOREE (IS-TF-128)	81.7	78.3	70.0	66.7	48.3	51.7	63.3	80.0	7.3	5.3	5.3	7.3
RK 4	85.0	81.7	65.0	63.3	45.0	50.0	63.3	83.3	5.7	5.3	5.3	7.3
LS 1200 (SC-1)	76.7	76.7	71.7	60.0	43.3	40.0	43.3	65.0	7.0	3.7	4.3	4.0
SHENANDOAH III (SH 3)	85.0	83.3	76.7	73.3	53.3	51.7	70.0	81.7	7.0	4.7	6.0	6.7
VAN GOGH (LTP-RK2)	81.7	76.7	63.3	58.3	38.3	43.3	55.0	80.0	5.7	4.3	5.0	5.7
RAPTOR II (MVS-TF-158)	85.0	80.0	66.7	68.3	51.7	51.7	70.0	80.0	6.7	5.7	6.7	7.0
ROCKET (IS-TF-147)	76.7	73.3	55.0	60.0	43.3	45.0	56.7	70.0	6.7	4.0	4.7	5.7
BAR FA 6253	71.7	71.7	56.7	55.0	33.3	36.7	55.0	71.7	5.0	3.7	5.0	6.0
SPYDER LS (Z-2000)	83.3	73.3	58.3	61.7	38.3	35.0	45.0	73.3	6.3	4.3	4.0	6.0
GUARDIAN 41 (STR-8BB5)	76.7	71.7	53.3	55.0	40.0	43.3	58.3	75.0	5.0	3.7	5.3	6.0
TALLADEGA (RP 3)	85.0	83.3	73.3	66.7	48.3	56.7	68.3	81.7	7.0	5.0	6.0	6.3
COMPETE (LS-06)	70.0	68.3	48.3	48.3	36.7	41.7	51.7	71.7	4.3	3.7	4.7	6.0
TRAVERSE SRP (RK-1)	80.0	78.3	65.0	66.7	43.3	45.0	60.0	76.7	6.3	4.7	5.0	6.7
ESCALADE	76.7	71.7	51.7	55.0	48.3	51.7	63.3	76.7	5.0	5.0	5.3	6.7
VENTURE (J-140)	78.3	76.7	58.3	63.3	41.7	51.7	66.7	80.0	5.7	5.0	6.3	7.0
GAZELLE II (PST-5HP)	71.7	70.0	53.3	61.7	45.0	46.7	65.0	75.0	5.0	5.0	5.3	7.0
SR 8650 (STR-8LMM)	80.0	80.0	65.0	73.3	56.7	58.3	75.0	78.3	6.3	5.7	7.0	7.3
INTEGRITY (BGR-TF1)	76.7	76.7	63.3	68.3	50.0	56.7	70.0	75.0	6.7	4.7	6.0	7.0
FALCON NG (CE 1)	81.7	78.3	66.7	68.3	56.7	65.0	73.3	75.0	7.3	5.7	7.0	7.3
AST9003 (AST-1)	63.3	56.7	36.7	41.7	30.0	31.7	41.7	63.3	3.0	2.7	3.0	4.7
PSG-82BR	76.7	75.0	55.0	61.7	45.0	46.7	65.0	73.3	5.3	5.0	5.7	7.0

TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SUMMER 2008								WEAR TOLERANCE (TRAFFIC IN SUMMER 2008)			
	JUL 21 PRE-WEAR	JUL 22 8 PASSES	JUL 23 16 PASSES	AUG 4 12 DAW*/	AUG 13 9 DAC**/	AUG 22 18 DAC	SEP 3 30 DAC	OCT 3 60 DAC	JUL 25 2 DAW	AUT 13 9 DAC	AUG 22 18 DAC	SEP 12 39 DAC
TRIO (IS-TF-152)	71.7	70.0	56.7	58.3	45.0	45.0	50.0	75.0	5.3	4.3	5.0	5.7
JT-45	71.7	70.0	48.3	55.0	45.0	51.7	60.0	73.3	4.7	4.0	5.3	7.3
BLADE RUNNER II (PSG-85QR)	80.0	80.0	65.0	65.0	51.7	51.7	75.0	75.0	6.3	5.3	6.3	7.3
CEZANNE RZ (LTP-CRL)	73.3	73.3	60.0	60.0	41.7	45.0	53.3	70.0	5.0	4.7	5.3	7.0
DARLINGTON (CS-TF1)	75.0	70.0	48.3	46.7	33.3	38.3	46.7	66.7	4.7	3.7	5.0	5.0
FAT CAT (IS-TF-161)	70.0	66.7	53.3	50.0	38.3	33.3	43.3	70.0	4.3	4.0	4.3	4.7
TERRIER (IS-TF-135)	70.0	63.3	48.3	53.3	31.7	36.7	43.3	66.7	4.7	3.7	3.7	5.3
SEWINDER (IS-TF-138)	80.0	80.0	66.7	65.0	50.0	55.0	63.3	76.7	6.7	5.0	6.0	6.3
TITANIUM LS (MVS-BB-1)	76.7	76.7	53.3	60.0	48.3	45.0	58.3	73.3	5.3	4.3	5.3	5.7
TOCCOA (IS-TF-151)	70.0	68.3	60.0	55.0	38.3	38.3	50.0	60.0	6.3	4.3	4.3	4.7
NINJA 3 (ATF 1247)	66.7	63.3	40.0	45.0	33.3	35.0	50.0	63.3	3.0	3.7	4.3	5.3
J-130	68.3	61.7	38.3	36.7	28.3	28.3	36.7	63.3	3.3	2.7	3.3	3.7
REUNION (LS-03)	68.3	66.7	50.0	45.0	36.7	38.3	60.0	75.0	4.3	3.7	4.3	6.0
RENOVATE (LS-11)	75.0	71.7	50.0	48.3	41.7	48.3	60.0	73.3	4.7	4.3	5.3	6.3
MVS-1107	81.7	80.0	55.0	58.3	51.7	55.0	70.0	73.3	5.0	5.7	7.0	7.0
RNP	68.3	65.0	43.3	48.3	35.0	41.7	56.7	70.0	3.7	4.0	4.3	6.3
AST9001 (AST-3)	76.7	68.3	51.7	55.0	38.3	43.3	55.0	73.3	5.0	4.7	5.3	6.7
AST1001 (AST-4)	73.3	71.7	43.3	43.3	31.7	33.3	53.3	65.0	4.0	3.3	4.3	4.3
PEDIGREE (ATF-1199)	71.7	71.7	50.0	46.7	35.0	35.0	45.0	63.3	4.7	3.7	4.0	6.0
CORONA (COL-M)	70.0	70.0	53.3	50.0	36.7	38.3	56.7	70.0	4.3	4.0	4.0	5.3
PADRE	75.0	68.3	43.3	46.7	33.3	31.7	41.7	65.0	4.0	3.3	4.0	4.3
HUDSON (DKS)	65.0	61.7	41.7	40.0	31.7	41.7	55.0	70.0	3.3	3.3	4.7	5.3
UMBRELLA (DP 50-9411)	63.3	61.7	46.7	45.0	33.3	35.0	41.7	73.3	4.0	3.3	3.0	5.0
JT-42	71.7	70.0	61.7	61.7	51.7	56.7	63.3	71.7	6.0	5.3	6.3	6.7
GOLD MEDALLION (KZ-1)	70.0	66.7	51.7	46.7	36.7	45.0	53.3	73.3	4.7	4.0	5.0	6.3
06-DUST	70.0	65.0	48.3	46.7	38.3	45.0	55.0	71.7	4.0	3.7	4.3	6.0
AST 7002	71.7	70.0	48.3	41.7	38.3	40.0	51.7	70.0	4.3	4.3	5.0	5.3
COL-1	71.7	70.0	50.0	48.3	36.7	45.0	53.3	70.0	4.0	4.0	4.3	5.3
SKYLINE	78.3	73.3	60.0	58.3	45.0	48.3	61.7	68.3	6.0	4.3	5.3	7.0
GE-1	66.7	66.7	46.7	43.3	36.7	36.7	43.3	68.3	3.7	3.0	4.0	4.7
JT-36	75.0	71.7	51.7	55.0	43.3	35.0	55.0	70.0	4.3	5.0	4.7	6.7
REBEL IV	83.3	80.0	61.7	60.0	46.7	45.0	61.7	71.7	5.7	5.0	6.3	7.3
HONKY TONK (RAD-TF17)	78.3	76.7	58.3	63.3	46.7	55.0	66.7	68.3	5.3	4.7	6.0	8.0
TAHOE II	73.3	70.0	51.7	53.3	43.3	53.3	68.3	78.3	4.7	4.3	6.3	7.3
TULSA TIME (TULSA III)	68.3	65.0	41.7	43.3	30.0	36.7	55.0	71.7	3.3	3.0	4.0	6.3
CROSSFIRE 3 (COL-J)	63.3	63.3	40.0	40.0	33.3	35.0	56.7	70.0	3.0	3.3	4.7	5.3
PATAGONIA (GWTF)	66.7	63.3	41.7	41.7	26.7	31.7	45.0	68.3	3.3	3.3	3.3	4.3
KY-41 (JT-41)	71.7	63.3	46.7	51.7	40.0	46.7	60.0	73.3	4.0	4.0	5.0	5.7
STETSON II (NA-SS)	73.3	70.0	58.3	55.0	38.3	40.0	56.7	63.3	5.0	4.0	4.7	5.3
TURBO RZ (BURL-TF8)	76.7	71.7	56.7	56.7	33.3	38.3	55.0	73.3	5.0	4.3	4.7	5.3
JUSTICE	76.7	71.7	53.3	48.3	38.3	43.3	56.7	73.3	5.0	4.3	4.7	6.0
SUNSET GOLD (KZ-2)	63.3	60.0	43.3	41.7	31.7	31.7	41.7	63.3	3.0	3.0	3.3	4.7
AST 7001	63.3	60.0	40.0	41.7	30.0	31.7	55.0	66.7	3.0	3.0	4.3	5.3
AST9002 (AST-2)	61.7	60.0	40.0	40.0	30.0	35.0	48.3	70.0	3.7	3.0	4.0	5.0
JT-33	71.7	70.0	50.0	55.0	43.3	46.7	58.3	70.0	5.0	4.3	5.0	6.0

TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2008 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SUMMER 2008								WEAR TOLERANCE (TRAFFIC IN SUMMER 2008)			
	JUL 21 PRE-WEAR	JUL 22 8 PASSES	JUL 23 16 PASSES	AUG 4 12 DAW*/	AUG 13 9 DAC**/	AUG 22 18 DAC	SEP 3 30 DAC	OCT 3 60 DAC	JUL 25 2 DAW	AUG 13 9 DAC	AUG 22 18 DAC	SEP 12 39 DAC
MVS-341	78.3	71.7	53.3	50.0	41.7	36.7	51.7	73.3	4.7	3.7	4.7	6.0
O6-WALK	61.7	63.3	46.7	48.3	35.0	41.7	55.0	71.7	3.7	4.3	5.3	6.3
AST 7003	71.7	63.3	40.0	41.7	33.3	33.3	50.0	70.0	3.0	3.7	4.3	5.7
TITAN ULTRA (PSG-TTRH)	70.0	66.7	50.0	48.3	36.7	40.0	55.0	68.3	5.0	4.0	4.3	5.3
STR-8GRQR	70.0	65.0	45.0	48.3	40.0	38.3	58.3	71.7	4.3	4.3	4.3	6.3
ATF 1328	63.3	60.0	33.3	31.7	28.3	26.7	38.3	55.0	2.0	2.3	2.3	4.0
FALCON IV	70.0	68.3	43.3	45.0	36.7	36.7	43.3	65.0	4.0	3.7	3.7	5.3
REMBRANDT	71.7	63.3	38.3	41.7	36.7	38.3	55.0	70.0	3.3	3.7	4.3	5.7
BAR FA 6363	63.3	63.3	46.7	41.7	31.7	33.3	51.7	61.7	4.0	3.7	4.3	6.0
XTREMEGREEN (BGR-TF2)	70.0	68.3	46.7	48.3	38.3	48.3	65.0	71.7	4.0	4.0	5.0	6.0
BILTMORE	71.7	70.0	55.0	56.7	45.0	41.7	60.0	68.3	4.7	4.7	5.3	5.3
HUNTER	65.0	60.0	38.3	41.7	33.3	33.3	48.3	70.0	3.0	3.3	4.0	5.0
O312	66.7	63.3	45.0	43.3	36.7	40.0	45.0	66.7	3.7	3.7	4.7	5.0
GO-1BFD	68.3	63.3	41.7	43.3	38.3	38.3	56.7	73.3	4.0	3.7	4.3	6.0
LINDBERGH	63.3	61.7	48.3	50.0	41.7	50.0	58.3	66.7	4.0	4.3	5.3	5.7
MAGELLAN	71.7	70.0	45.0	45.0	36.7	36.7	51.7	63.3	4.0	4.0	4.7	5.3
EINSTEIN	68.3	65.0	43.3	46.7	30.0	36.7	50.0	66.7	3.7	3.0	3.3	5.3
ARISTOTLE	61.7	58.3	36.7	35.0	33.3	35.0	48.3	58.3	2.7	3.7	3.7	6.0
PLATO	58.3	58.3	40.0	41.7	35.0	40.0	51.7	60.0	3.0	3.7	4.0	5.0
RENDITION RX (PSG-RNDR)	68.3	66.7	41.7	45.0	35.0	41.7	55.0	65.0	4.3	3.7	4.7	6.0
PSG-TTST	65.0	53.3	35.0	36.7	30.0	35.0	45.0	60.0	2.3	3.3	4.3	5.3
SILVERADO	60.0	55.0	40.0	43.3	31.7	36.7	50.0	60.0	3.0	3.3	4.0	5.7
KY-31	53.3	38.3	16.7	23.3	25.0	23.3	38.3	48.3	1.0	1.7	2.7	4.7
LSD VALUE	13.6	14.9	21.9	22.9	34.5	49.2	61.1	16.7	3.2	3.8	5.3	5.4
C.V. (%)	10.5	12.0	22.4	22.4	27.7	30.7	26.6	11.7	33.0	30.2	31.2	25.4

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.

\*/ DAW - DAYS AFTER WEAR (TRAFFIC).

\*\*/ DAC - DAYS AFTER COMPACTION.



TABLE 11.  
(CONT'D)

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

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

TABLE 11.  
(CONT'D)

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

NAME	PERCENT FULLNESS RATINGS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN SPRING 2009									WEAR TOLERANCE		BROWN PATCH RATINGS		
	APR 27 PRE-WEAR	APR 29 8 PASSES	APR 30 16 PASSES	APR 30 24 PASSES	MAY 6 6 DAW*/	MAY 15 15 DAW	MAY 27 27 DAW	JUN 25 56 DAW	APR 30 0 DAW	MAY 15 15 DAW	JUN	JUL	AUG	
SR 8650 (STR-8LMM)	71.7	56.7	46.7	35.0	48.3	45.0	53.3	65.0	4.0	5.0	9.0	8.3	7.3	
INTEGRITY (BGR-TF1)	68.3	53.3	40.0	35.0	50.0	46.7	48.3	71.7	4.3	6.0	9.0	7.0	6.3	
CORONA (COL-M)	70.0	50.0	38.3	31.7	41.7	40.0	50.0	66.7	3.0	4.7	9.0	6.7	7.3	
FALCON IV	71.7	53.3	43.3	36.7	43.3	43.3	48.3	66.7	4.3	5.3	8.7	7.0	6.0	
GE-1	66.7	50.0	45.0	35.0	46.7	46.7	51.7	68.3	4.7	5.0	9.0	7.0	6.3	
VENTURE (J-140)	70.0	58.3	51.7	43.3	48.3	55.0	55.0	73.3	5.3	6.0	9.0	5.3	5.7	
GUARDIAN 41 (STR-8BB5)	73.3	58.3	43.3	33.3	41.7	48.3	53.3	71.7	4.3	5.0	9.0	7.0	7.0	
STR-8GRQR	63.3	48.3	38.3	28.3	38.3	33.3	45.0	66.7	3.3	3.7	9.0	6.0	5.3	
TALLADEGA (RP 3)	65.0	55.0	45.0	43.3	50.0	50.0	56.7	81.7	5.3	6.0	9.0	7.3	4.0	
TITANIUM LS (MVS-BB-1)	80.0	63.3	53.3	50.0	56.7	48.3	58.3	73.3	5.3	5.7	9.0	7.3	5.7	
TOCCOA (IS-TF-151)	43.3	38.3	31.7	26.7	40.0	40.0	43.3	71.7	5.0	4.7	9.0	5.7	4.7	
TULSA TIME (TULSA III)	68.3	51.7	41.7	30.0	43.3	41.7	51.7	71.7	3.3	4.7	9.0	7.0	6.3	
TURBO RZ (BURL-TF8)	71.7	53.3	45.0	41.7	48.3	50.0	55.0	68.3	5.3	5.3	9.0	5.7	4.0	
BILTMORE	68.3	55.0	38.3	31.7	41.7	45.0	46.7	66.7	4.0	5.0	9.0	6.3	5.0	
COL-1	63.3	56.7	46.7	38.3	43.3	38.3	46.7	61.7	4.3	4.3	8.7	7.0	6.0	
GAZELLE II (PST-5HP)	65.0	51.7	41.7	41.7	50.0	43.3	51.7	76.7	4.3	6.0	8.7	7.7	5.0	
SKYLINE	66.7	51.7	41.7	33.3	46.7	50.0	55.0	68.3	4.3	5.7	9.0	5.3	5.0	
UMBRELLA (DP 50-9411)	55.0	43.3	31.7	20.0	33.3	31.7	33.3	58.3	2.3	2.7	9.0	6.0	5.3	
06-DUST	68.3	51.7	40.0	31.7	40.0	35.0	40.0	66.7	3.7	4.0	9.0	6.7	5.7	
3RD MILLENNIUM SRP	73.3	55.0	46.7	45.0	50.0	51.7	58.3	76.7	5.0	5.7	9.0	8.0	6.3	
AST9001 (AST-3)	70.0	45.0	38.3	23.3	36.7	36.7	41.7	63.3	2.3	3.0	9.0	5.3	5.0	
FAT CAT (IS-TF-161)	60.0	43.3	40.0	30.0	41.7	45.0	48.3	73.3	4.3	5.0	9.0	6.0	5.0	
JT-42	71.7	53.3	46.7	38.3	43.3	50.0	53.3	70.0	4.0	6.3	8.3	6.3	3.7	
PADRE	73.3	55.0	40.0	31.7	43.3	43.3	51.7	68.3	3.3	4.7	8.7	5.0	6.3	
REMBRANDT	63.3	46.7	40.0	26.7	33.3	40.0	46.7	65.0	2.7	4.7	9.0	7.3	5.0	
REUNION (LS-03)	71.7	51.7	36.7	31.7	38.3	38.3	53.3	68.3	2.7	4.0	8.3	6.3	7.3	
STETSON II (NA-SS)	63.3	48.3	38.3	25.0	35.0	38.3	41.7	65.0	2.7	4.0	8.7	4.7	4.3	
TERRIER (IS-TF-135)	50.0	43.3	33.3	23.3	33.3	36.7	41.7	68.3	3.3	3.3	9.0	5.0	2.3	
CROSSFIRE 3 (COL-J)	66.7	46.7	35.0	25.0	35.0	36.7	43.3	56.7	2.7	3.7	8.7	7.3	7.0	
J-130	65.0	50.0	41.7	26.7	45.0	43.3	53.3	66.7	3.3	5.0	8.7	6.0	5.7	
KY-41 (JT-41)	66.7	50.0	38.3	31.7	43.3	38.3	53.3	65.0	3.3	4.0	8.7	6.3	7.0	
0312	51.7	41.7	33.3	30.0	33.3	38.3	46.7	66.7	2.7	3.7	8.3	3.3	3.0	
AST9002 (AST-2)	68.3	48.3	36.7	30.0	35.0	36.7	43.3	63.3	3.0	3.3	8.3	5.3	3.0	
AST9003 (AST-1)	58.3	41.7	33.3	25.0	30.0	36.7	41.7	60.0	1.7	3.3	8.7	6.3	5.3	
XTREMEGREEN (BGR-TF2)	60.0	48.3	35.0	28.3	40.0	35.0	41.7	63.3	2.7	3.7	8.7	7.3	6.0	
DARLINGTON (CS-TF1)	56.7	48.3	35.0	25.0	38.3	36.7	36.7	60.0	3.0	4.0	8.7	5.3	4.3	
ESCALANTE (GO-1BFD)	71.7	53.3	38.3	33.3	40.0	41.7	41.7	63.3	3.3	4.3	9.0	7.3	7.3	
HUDSON (DKS)	61.7	46.7	33.3	21.7	31.7	31.7	33.3	66.7	2.0	2.7	8.3	8.0	6.0	
TITAN ULTRA (PSG-TTRH)	65.0	51.7	35.0	28.3	40.0	38.3	45.0	65.0	3.3	3.7	8.7	5.3	5.0	
AST7003	68.3	48.3	35.0	28.3	40.0	38.3	38.3	68.3	3.0	4.0	9.0	5.3	5.3	
LS 1010 (ATF 1328)	56.7	38.3	28.3	20.0	31.7	31.7	40.0	66.7	2.0	2.7	8.7	7.0	4.7	
BAR FA 6253	73.3	53.3	45.0	38.3	53.3	51.7	58.3	76.7	5.3	6.0	9.0	6.3	3.3	
PATAGONIA (GWTF)	58.3	51.7	36.7	30.0	35.0	35.0	45.0	68.3	3.3	4.0	8.7	5.0	5.3	
HUNTER	60.0	46.7	35.0	28.3	36.7	36.7	48.3	65.0	2.0	4.3	9.0	7.0	6.7	
JT-33	55.0	50.0	38.3	28.3	45.0	50.0	51.7	73.3	3.0	5.3	9.0	7.3	4.3	

TABLE 11.  
(CONT'D)

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

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

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

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

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

\*/ DAW - DAYS AFTER WEAR (TRAFFIC).

TABLE 11.  
(CONT'D)

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

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

TABLE 11.  
(CONT'D)

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

NAME	PERCENT FULLNESS OF TURFGRASS CANOPY RECEIVED TRAFFIC IN FALL				WEAR TOLERANCE		
	OCT 13 PRE-WEAR	OCT 14 12 PASSES	OCT 16 24 PASSES	OCT 20 4 DAW*/	OCT 29 13 DAW	OCT 16 0 DAW	OCT 29 13 DAW
SR 8650 (STR-8LMM)	86.7	80.0	38.3	41.7	35.0	5.3	4.7
INTEGRITY (BGR-TF1)	83.3	73.3	36.7	38.3	31.7	4.7	4.3
CORONA (COL-M)	83.3	68.3	36.7	41.7	30.0	4.3	4.3
FALCON IV	88.3	75.0	35.0	36.7	25.0	4.7	4.3
GE-1	86.7	75.0	38.3	40.0	33.3	4.7	4.3
VENTURE (J-140)	91.7	76.7	45.0	46.7	33.3	5.7	4.3
GUARDIAN 41 (STR-8BB5)	90.0	81.7	43.3	45.0	33.3	5.0	4.3
STR-8GRQR	75.0	63.3	28.3	33.3	26.7	4.0	4.3
TALLADEGA (RP 3)	91.3	81.7	38.3	43.3	33.3	4.7	4.3
TITANIUM LS (MVS-BB-1)	90.0	78.3	46.7	46.7	31.7	5.3	4.3
TOCCOA (IS-TF-151)	90.0	78.3	38.3	40.0	26.7	5.0	4.3
TULSA TIME (TULSA III)	80.0	76.7	35.0	36.7	30.0	4.0	4.3
TURBO RZ (BURL-TF8)	81.7	71.7	33.3	38.3	28.3	4.3	4.3
BILTMORE	76.7	63.3	28.3	33.3	25.0	3.7	4.0
COL-1	80.0	75.0	35.0	35.0	31.7	4.0	4.0
GAZELLE II (PST-5HP)	88.3	85.0	40.0	41.7	35.0	5.0	4.0
SKYLINE	85.0	75.0	30.0	33.3	23.3	3.7	4.0
UMBRELLA (DP 50-9411)	90.0	75.0	41.7	41.7	30.0	5.0	4.0
06-DUST	76.7	65.0	30.0	31.7	25.0	3.0	3.7
3RD MILLENNIUM SRP	90.0	81.7	36.7	38.3	30.0	4.7	3.7
AST9001 (AST-3)	85.0	65.0	28.3	30.0	21.7	3.7	3.7
FAT CAT (IS-TF-161)	81.7	71.7	33.3	35.0	25.0	4.0	3.7
JT-42	85.0	70.0	26.7	33.3	28.3	3.7	3.7
PADRE	78.3	53.3	30.0	31.7	26.7	4.0	3.7
REMBRANDT	78.3	61.7	26.7	28.3	25.0	3.3	3.7
REUNION (LS-03)	81.7	66.7	33.3	36.7	25.0	3.7	3.7
STETSON II (NA-SS)	68.3	58.3	25.0	28.3	23.3	3.0	3.7
TERRIER (IS-TF-135)	91.7	75.0	31.7	36.7	21.7	4.0	3.7
CROSSFIRE 3 (COL-J)	78.3	60.0	28.3	31.7	28.3	3.7	3.3
J-130	81.7	70.0	30.0	35.0	25.0	3.3	3.3
KY-41 (JT-41)	88.3	68.3	28.3	33.3	26.7	3.7	3.3
0312	65.0	55.0	25.0	26.7	21.7	2.7	3.0
AST9002 (AST-2)	76.7	60.0	23.3	26.7	20.0	3.0	3.0
AST9003 (AST-1)	88.3	63.3	28.3	30.0	16.7	3.3	3.0
XTREMEGREEN (BGR-TF2)	81.7	70.0	36.7	36.7	25.0	4.7	3.0
DARLINGTON (CS-TF1)	73.3	56.7	25.0	26.7	21.7	3.3	3.0
ESCALANTE (GO-1BFD)	80.0	70.0	31.7	35.0	26.7	4.7	3.0
HUDSON (DKS)	78.3	68.3	30.0	30.0	21.7	3.0	3.0
TITAN ULTRA (PSG-TTRH)	75.0	60.0	23.3	28.3	21.7	3.3	3.0
AST7003	78.3	60.0	25.0	30.0	21.7	3.0	2.7
LS 1010 (ATF 1328)	78.3	53.3	21.7	26.7	18.3	2.0	2.7
BAR FA 6253	78.3	61.7	26.7	28.3	23.3	2.7	2.7
PATAGONIA (GWTF)	81.7	56.7	23.3	28.3	18.3	2.3	2.7
HUNTER	75.0	53.3	26.7	31.7	23.3	3.3	2.7
JT-33	78.3	61.7	23.3	28.3	21.7	3.0	2.7

TABLE 11.  
(CONT'D)

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

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

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

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

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

TABLE 11. TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
 2010 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURF CANOPY				QUALITY AFTER TRAFFIC	
	BEFORE TRAFFIC	DAYS AFTER TRAFFIC COMPACTION			29 DAYS	83 DAYS
	JULY 19	8 DAYS AUG 12	30 DAYS SEP 3	83 DAYS OCT 26	SEP 2	OCT 26
LS 1200 (SC-1)	91.3	56.7	53.3	91.7	6.3	8.7
FAITH (K06-WA)	90.0	53.3	58.3	80.0	6.7	8.3
COCHISE IV (RKCL)	83.3	53.3	51.7	78.3	5.7	8.0
FIRECRACKER LS (MVS-MST)	93.3	55.0	56.7	81.7	6.0	8.0
SHENANDOAH III (SH 3)	86.7	50.0	53.3	70.0	6.0	8.0
CANNAVARO (DP 50-9440)	90.0	55.0	48.3	78.3	5.0	7.7
CATALYST (NA-BT-1)	93.0	61.7	53.3	85.0	7.0	7.7
FALCON V (ATM)	85.0	65.0	63.3	86.7	7.7	7.7
RHAMBLER SRP (RHAMBLER)	85.0	51.7	55.0	80.0	6.3	7.7
RK 4	90.0	53.3	48.3	80.0	6.0	7.7
BULLSEYE	83.3	55.0	50.0	75.0	5.7	7.3
ESSENTIAL (IS-TF-154)	90.0	50.0	53.3	83.3	7.0	7.3
GREENBROOKS (TG 50-9460)	80.0	51.7	50.0	71.7	5.3	7.3
HEMI	84.7	46.7	48.3	73.3	6.0	7.3
RK 5	90.0	56.7	56.7	76.7	6.3	7.3
SHENANDOAH ELITE (RK 6)	91.3	55.0	48.3	78.3	5.7	7.3
TRAVERSE SRP (RK-1)	83.3	55.0	61.7	80.0	7.7	7.3
VENTURE (J-140)	85.0	43.3	55.0	80.0	6.3	7.0
PSG-82BR	91.7	51.7	63.3	75.0	6.0	7.0
FIRENZA	90.0	48.3	55.0	78.3	6.7	6.7
GARRISON (IS-TF-153)	90.0	53.3	46.7	70.0	5.0	6.7
TANZANIA (IS-TF-159)	85.0	55.0	56.7	75.0	7.0	6.7
JAMBOREE (IS-TF-128)	91.7	58.3	61.7	75.0	6.7	6.7
MONET (LTP-610 CL)	88.3	51.7	53.3	71.7	6.7	6.7
SPEEDWAY (STR-8BPDx)	85.0	51.7	55.0	71.7	6.3	6.7
TALLADEGA (RP 3)	86.7	56.7	51.7	75.0	6.0	6.7
TITANIUM LS (MVS-BB-1)	91.7	60.0	56.7	73.3	6.0	6.7
VAN GOGH (LTP-RK2)	86.7	61.7	53.3	70.0	5.7	6.7
FALCON IV	81.7	50.0	60.0	71.7	7.3	6.3
FINELAWN XPRESS (RP 2)	86.7	61.7	58.3	80.0	7.3	6.3
GAZELLE II (PST-5HP)	83.3	45.0	48.3	66.7	5.7	6.3
MVS-1107	88.3	60.0	58.3	73.3	7.3	6.3
RAPTOR II (MVS-TF-158)	81.7	48.3	55.0	75.0	5.3	6.3
SIDEWINDER (IS-TF-138)	78.3	43.3	50.0	71.7	5.7	6.3
GUARDIAN 41 (STR-8BB5)	93.3	63.3	48.3	71.7	6.0	6.3
TURBO	85.0	38.3	48.3	66.7	6.0	6.3
WOLFPACK II (PST-5WMB)	86.7	53.3	58.3	75.0	6.7	6.3
BRAVEHEART (DP 50-9407)	81.7	36.7	43.3	66.7	5.0	6.0
ESCALADE	80.0	50.0	55.0	65.0	6.0	6.0
ROCKET (IS-TF-147)	80.0	51.7	53.3	65.0	5.3	6.0
SPYDER LS (Z-2000)	81.7	50.0	55.0	65.0	5.7	6.0
SR 8650 (STR-8LMM)	83.3	50.0	45.0	66.7	5.3	6.0
TOCCOA (IS-TF-151)	84.7	56.7	43.3	71.7	4.7	6.0
TRIO (IS-TF-152)	78.3	45.0	45.0	68.3	5.0	6.0
UMBRELLA (DP 50-9411)	68.3	40.0	43.3	66.7	5.0	6.0

TABLE 11. TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
 2010 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF TURF CANOPY					
	BEFORE	DAYS AFTER TRAFFIC COMPACTION			QUALITY AFTER TRAFFIC	
	TRAFFIC JULY 19	8 DAYS AUG 12	30 DAYS SEP 3	83 DAYS OCT 26	29 DAYS SEP 2	83 DAYS OCT 26
3RD MILLENNIUM SRP	80.0	43.3	46.7	66.7	6.0	5.7
AST9001 (AST-3)	75.0	40.0	41.7	63.3	4.3	5.7
FALCON NG (CE 1)	85.0	61.7	60.0	75.0	8.3	5.7
FAT CAT (IS-TF-161)	80.0	38.3	45.0	66.7	5.0	5.7
MUSTANG 4 (M4)	81.7	48.3	51.7	70.0	5.7	5.7
BLADE RUNNER II (PSG-85QR)	86.7	56.7	48.3	70.0	6.0	5.7
REBEL IV	80.0	51.7	60.0	73.3	7.0	5.7
STR-8GRQR	78.3	50.0	51.7	68.3	6.3	5.7
TURBO RZ (BURL-TF8)	76.7	43.3	43.3	65.0	5.3	5.7
AST 7001	78.3	35.0	40.0	65.0	4.3	5.3
AST1001 (AST-4)	80.0	41.7	45.0	58.3	4.7	5.3
AST9003 (AST-1)	78.3	38.3	43.3	58.3	4.0	5.3
CEZANNE RZ (LTP-CRL)	76.7	53.3	56.7	71.7	5.7	5.3
COMPETE (LS-06)	83.3	45.0	46.7	65.0	5.7	5.3
GE-1	80.0	53.3	56.7	66.7	5.3	5.3
ESCALANTE (GO-1BFD)	75.0	46.7	43.3	61.7	5.0	5.3
KY-41 (JT-41)	83.3	50.0	56.7	70.0	7.0	5.3
JT-42	78.3	51.7	48.3	66.7	6.0	5.3
JT-45	80.0	48.3	50.0	61.7	5.7	5.3
NINJA 3 (ATF 1247)	78.3	40.0	45.0	60.0	5.0	5.3
RENOVATE (LS-11)	76.7	38.3	43.3	66.7	4.3	5.3
TULSA TIME (TULSA III)	93.3	55.0	55.0	70.0	6.7	5.3
AST 7002	71.7	35.0	38.3	66.7	4.7	5.0
AST7003	78.3	40.0	46.7	60.0	5.0	5.0
AST9002 (AST-2)	76.7	33.3	36.7	70.0	4.3	5.0
LS 1010 (ATF 1328)	73.3	35.0	41.7	63.3	4.0	5.0
INTEGRITY (BGR-TF1)	78.3	43.3	46.7	65.0	5.3	5.0
JUSTICE	80.0	56.7	53.3	73.3	6.3	5.0
MVS-341	76.7	36.7	40.0	68.3	4.0	5.0
STETSON II (NA-SS)	75.0	35.0	33.3	61.7	4.3	5.0
SUNSET GOLD (KZ-2)	76.7	45.0	46.7	70.0	5.3	5.0
XTREMEGREEN (BGR-TF2)	76.7	46.7	53.3	66.7	5.0	5.0
BILTMORE	78.3	43.3	43.3	61.7	5.3	4.7
COL-1	83.3	53.3	41.7	65.0	4.0	4.7
CROSSFIRE 3 (COL-J)	76.7	48.3	43.3	60.0	3.7	4.7
GOLD MEDALLION (KZ-1)	75.0	38.3	38.3	61.7	4.7	4.7
PATAGONIA (GWTF)	81.7	43.3	43.3	65.0	5.7	4.7
J-130	80.0	51.7	43.3	65.0	4.3	4.7
JT-33	75.0	45.0	46.7	61.7	5.3	4.7
MAGELLAN	73.3	45.0	38.3	68.3	3.7	4.7
PEDIGREE (ATF-1199)	83.3	55.0	58.3	65.0	6.7	4.7
SKYLINE	80.0	53.3	58.3	71.7	6.3	4.7
TAHOE II	75.0	46.7	45.0	63.3	4.0	4.7
06-DUST	78.3	50.0	41.7	61.7	5.3	4.3
06-WALK	76.7	38.3	41.7	56.7	4.0	4.3



TABLE 11.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/  
2010 DATA

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

NAME	PERCENT FULLNESS OF TURF CANOPY					
	BEFORE TRAFFIC	DAYS AFTER TRAFFIC COMPACTION			QUALITY AFTER TRAFFIC	
	JULY 19	8 DAYS AUG 12	30 DAYS SEP 3	83 DAYS OCT 26	29 DAYS SEP 2	83 DAYS OCT 26
BAR FA 6253	80.0	45.0	43.3	68.3	4.3	4.3
CORONA (COL-M)	83.3	41.7	43.3	63.3	4.7	4.3
HONKY TONK (RAD-TF17)	78.3	41.7	45.0	60.0	4.7	4.3
HUDSON (DKS)	80.0	38.3	43.3	60.0	5.3	4.3
JT-36	78.3	40.0	48.3	66.7	5.0	4.3
PADRE	80.0	46.7	46.7	60.0	5.7	4.3
TITAN ULTRA (PSG-TTRH)	81.7	41.7	38.3	60.0	3.3	4.3
REMBRANDT	73.3	50.0	51.7	61.7	5.7	4.3
REUNION (LS-03)	80.0	35.0	45.0	55.0	4.7	4.3
BAR FA 6363	70.0	38.3	40.0	55.0	5.0	4.0
DARLINGTON (CS-TF1)	76.7	45.0	38.3	56.7	3.7	4.0
LINDBERGH	76.7	40.0	43.3	55.0	4.0	4.0
RNP	78.3	41.7	50.0	55.0	5.3	4.0
TERRIER (IS-TF-135)	81.7	36.7	33.3	58.3	3.0	4.0
EINSTEIN	71.7	30.0	41.7	56.7	4.7	3.7
HUNTER	78.3	50.0	45.0	60.0	4.7	3.7
TITAN RX (PSG-TTST)	71.7	43.3	41.7	53.3	5.0	3.7
ARISTOTLE	63.3	26.7	30.0	50.0	2.0	3.3
SILVERADO	68.3	33.3	38.3	45.0	3.3	3.3
0312	70.0	38.3	40.0	53.3	3.7	3.0
PLATO	70.0	35.0	41.7	53.3	4.0	3.0
RENDITION RX (PSG-RNDR)	80.0	43.3	38.3	53.3	4.7	3.0
KY-31	53.3	18.3	21.7	33.3	1.3	1.0
LSD VALUE	10.5	16.4	15.2	11.9	2.4	1.4
C.V. (%)	7.7	19.3	17.2	10.9	24.0	16.3

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 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	
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
BLADE RUNNER II (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
GUARDIAN 41 (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	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	
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/  
2008-11 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	QUALITY RATINGS											MEAN
								FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
SPYDER LS (Z-2000)	7.7	8.5	90.9	96.3	8.2	8.2	7.7	5.7	6.0	7.0	7.3	5.9	7.4	7.3	7.7	7.7	7.8	6.9	
BAR FA 6363	6.9	8.5	89.2	98.1	8.0	7.8	7.2	5.0	6.2	6.8	6.9	5.8	7.3	7.2	7.3	7.8	7.6	6.8	
FALCON V (ATM)	7.2	8.8	88.4	97.7	8.2	8.2	7.8	5.3	6.5	6.6	6.9	5.8	7.2	7.0	7.7	7.7	7.6	6.8	
AST1001 (AST-4)	8.1	8.3	88.3	96.1	8.3	8.2	7.0	5.0	5.7	6.7	7.2	5.8	7.0	7.6	7.6	7.6	7.6	6.7	
AST9001 (AST-3)	7.8	8.7	91.1	94.4	8.0	7.8	6.7	5.3	6.1	7.0	7.2	5.5	6.9	7.1	7.6	7.6	7.6	6.7	
BAR FA 6253	7.7	8.7	87.2	96.4	8.5	8.5	7.8	5.3	5.8	6.7	7.3	5.8	7.3	7.3	7.3	7.2	7.3	6.7	
GAZELLE II (PST-5HP)	7.0	8.7	87.7	97.7	7.7	7.5	7.2	6.0	6.2	6.8	7.0	5.8	7.3	7.1	7.4	7.4	7.6	6.7	
J-130	7.9	8.5	91.3	96.2	8.5	8.3	7.2	5.3	6.2	6.6	7.0	5.6	7.3	7.2	7.6	7.6	7.4	6.7	
SIDEWINDER (IS-TF-138)	7.7	8.5	86.0	96.4	8.2	8.2	7.2	5.3	6.0	6.5	7.3	5.8	7.3	7.3	7.4	7.8	7.6	6.7	
SR 8650 (STR-8LMM)	7.8	8.8	91.6	96.8	8.5	8.2	7.7	5.3	6.2	6.7	6.9	5.9	7.2	7.0	7.7	7.3	7.4	6.7	
WOLFPACK II (PST-5WMB)	7.6	8.3	88.3	96.9	8.2	8.2	7.3	5.3	6.2	6.7	7.0	5.6	7.0	7.1	7.4	7.8	7.7	6.7	
XTREMEGREEN (BGR-TF2)	7.7	8.5	85.3	91.1	8.3	8.0	7.0	5.3	6.0	7.0	7.3	5.8	7.0	7.0	7.2	7.3	7.3	6.7	
3RD MILLENNIUM SRP	7.7	8.3	88.0	94.9	8.3	8.0	7.3	5.7	5.8	6.8	6.8	5.7	7.3	7.0	7.8	7.1	7.4	6.6	
AST7003	7.8	8.3	89.3	95.4	8.3	8.3	6.8	5.0	5.8	6.9	7.2	5.3	6.9	7.2	7.6	7.7	7.3	6.6	
AST9002 (AST-2)	7.4	8.2	89.3	93.4	8.0	8.0	6.7	5.7	6.1	6.7	7.4	5.4	6.9	7.2	7.3	7.3	7.2	6.6	
COMPETE (LS-06)	7.8	8.3	89.8	96.2	8.0	8.3	7.5	5.0	5.7	6.8	7.0	5.5	7.1	7.3	7.6	7.4	7.6	6.6	
CORONA (COL-M)	7.6	8.5	87.4	95.2	8.3	7.8	6.8	5.3	6.0	6.3	7.0	5.8	6.9	7.2	7.4	7.0	7.7	6.6	
FAT CAT (IS-TF-161)	7.6	8.2	87.9	92.4	8.0	8.0	6.7	5.3	5.8	6.5	7.2	5.6	7.2	7.1	7.2	7.3	7.1	6.6	
FINELAWN XPRESS (RP 2)	7.4	8.5	88.3	97.3	8.0	8.0	7.3	5.3	6.3	6.7	6.9	5.3	7.3	7.3	7.2	7.2	7.3	6.6	
HEMI	7.7	8.3	85.6	95.2	8.0	7.8	7.3	5.7	6.0	6.6	7.0	5.8	6.9	7.0	7.2	7.1	7.3	6.6	
HUDSON (DKS)	7.4	8.5	85.6	90.0	8.0	8.0	6.7	5.0	5.8	6.9	7.1	5.8	7.3	7.1	7.1	7.2	6.9	6.6	
JUSTICE	7.4	8.5	82.3	88.6	8.0	7.8	7.2	6.3	6.3	6.9	6.9	5.8	7.0	6.9	7.0	7.2	7.3	6.6	
LS 1010 (ATF 1328)	7.8	8.3	85.8	92.7	8.2	8.0	6.7	5.7	5.9	6.5	7.1	5.8	7.2	6.9	7.1	7.2	7.2	6.6	
LS 1200 (SC-1)	7.9	8.7	89.3	95.4	8.3	8.3	7.7	5.7	5.9	6.4	6.8	5.7	6.9	7.0	7.6	7.2	7.4	6.6	
PADRE	7.4	8.7	87.8	96.4	8.3	8.3	7.2	5.0	6.0	6.6	6.8	5.8	7.0	7.3	7.3	7.4	7.4	6.6	
PATAGONIA (GWTF)	7.6	8.2	85.9	96.3	8.0	7.8	6.5	5.3	6.0	6.4	7.0	5.3	7.0	6.9	7.3	7.7	7.4	6.6	
RAPTOR II (MVS-TF-158)	7.4	8.5	90.9	97.8	7.8	7.7	7.0	5.7	5.8	6.9	7.0	5.5	7.2	7.2	7.0	7.4	7.7	6.6	
RHAMBLER SRP (RHAMBLER)	7.6	8.7	91.0	96.6	8.2	8.2	7.7	5.7	6.3	6.8	6.8	5.3	6.9	7.0	7.2	7.3	7.3	6.6	
STR-8GRQR	7.4	8.7	86.3	94.7	8.3	8.2	7.7	5.7	6.3	6.8	6.9	5.5	7.0	7.2	7.3	7.4	6.9	6.6	
TANZANIA (IS-TF-159)	7.7	8.5	88.8	97.1	8.3	8.2	7.3	5.0	5.7	6.5	7.0	5.6	7.2	6.9	7.6	7.6	7.6	6.6	
TITAN ULTRA (PSG-TTRH)	7.3	8.5	87.4	96.9	7.8	7.7	7.2	5.3	6.0	6.8	7.2	5.4	6.9	6.9	7.2	7.3	7.7	6.6	
TRAVERSE SRP (RK-1)	7.7	8.7	88.1	97.0	8.5	8.3	7.8	5.7	6.0	6.5	6.6	5.4	7.0	7.2	7.7	7.6	7.6	6.6	
06-WALK	7.2	8.7	87.1	96.7	8.0	7.8	7.0	5.3	5.9	6.4	6.8	5.6	6.9	6.4	7.1	7.6	7.3	6.5	
AST 7001	7.9	8.5	87.8	95.4	8.2	8.3	6.8	5.3	5.6	6.6	6.8	5.7	6.8	6.8	7.7	7.7	7.6	6.5	
AST9003 (AST-1)	7.8	8.5	82.4	91.3	8.2	8.2	6.7	4.3	5.8	6.8	7.3	5.5	6.7	6.6	6.7	7.6	7.0	6.5	
BLADE RUNNER II (PSG-85QR)	7.3	8.8	84.8	94.3	8.0	7.8	7.5	6.0	5.9	6.4	6.5	5.4	7.1	6.9	7.2	7.2	7.2	6.5	
COL-1	7.4	8.5	88.0	95.2	8.2	7.8	7.0	5.3	5.8	6.5	7.0	5.4	6.9	6.7	7.3	7.1	7.4	6.5	
FAITH (K06-WA)	7.4	8.8	86.6	95.1	8.3	7.8	7.8	5.3	6.0	6.5	6.6	5.6	7.0	6.7	7.0	7.3	7.2	6.5	
FALCON IV	7.2	8.5	88.5	96.6	8.0	8.2	7.8	6.0	6.1	6.5	6.8	5.4	6.9	6.8	7.1	7.6	7.7	6.5	
GARRISON (IS-TF-153)	7.7	8.5	92.5	97.0	8.0	7.8	7.5	5.0	5.7	6.5	6.8	5.6	7.0	7.0	7.6	7.7	7.6	6.5	
GOLD MEDALLION (KZ-1)	7.3	8.3	88.7	93.3	7.5	7.5	7.0	5.3	6.0	6.5	6.8	5.2	6.9	6.7	6.9	7.3	7.6	6.5	
HONKY TONK (RAD-TF17)	7.4	8.7	92.8	97.3	7.8	7.8	7.5	4.7	5.8	6.6	7.0	5.6	6.8	6.9	7.3	7.4	7.2	6.5	
INTEGRITY (BGR-TF1)	7.7	8.2	89.3	88.4	7.7	7.5	6.7	5.0	5.7	6.8	7.1	5.4	7.2	6.9	7.1	6.9	7.0	6.5	
JAMBOREE (IS-TF-128)	7.6	8.5	83.8	96.4	8.0	8.0	7.7	6.0	6.1	6.6	6.8	5.5	7.0	7.1	7.1	7.3	7.3	6.5	
LINDBERGH	7.4	8.3	90.9	95.1	8.2	8.2	7.8	5.3	5.9	6.5	6.6	5.4	7.3	7.4	7.3	7.4	7.2	6.5	

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/  
2008-11 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	QUALITY RATINGS										
								FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	COT	NOV	MEAN
MUSTANG 4 (M4)	7.3	8.7	86.1	97.0	8.0	7.8	7.5	5.3	6.5	6.4	6.6	5.4	7.0	7.0	7.3	7.0	7.3	6.5
PEDIGREE (ATF-1199)	7.3	8.8	90.8	93.3	7.5	7.7	7.3	5.7	6.2	6.6	6.8	5.5	7.1	7.0	6.9	7.1	7.2	6.5
RENOVATE (LS-11)	7.6	8.3	85.8	94.1	7.7	7.7	7.0	5.3	6.1	6.7	6.8	5.3	6.7	6.8	7.0	7.2	7.4	6.5
REUNION (LS-03)	7.7	8.3	88.8	93.6	8.3	8.0	6.7	5.3	5.8	6.5	7.2	5.4	7.2	7.0	7.2	7.2	7.0	6.5
RNP	7.8	8.0	79.4	92.4	8.5	8.7	7.0	5.0	5.9	6.5	6.9	5.4	6.9	7.0	7.2	7.4	7.3	6.5
ROCKET (IS-TF-147)	7.4	8.3	90.8	96.3	7.7	8.2	7.5	5.7	5.7	6.7	6.8	5.5	7.0	6.6	7.1	7.4	7.3	6.5
SHENANDOAH ELITE (RK 6)	7.6	8.7	90.8	92.1	8.0	7.7	7.2	6.3	6.1	6.8	7.0	5.6	7.2	6.8	6.7	6.7	7.0	6.5
SHENANDOAH III (SH 3)	7.4	8.5	85.7	94.7	8.2	8.2	7.2	5.3	5.9	6.2	6.8	5.5	7.0	6.8	7.2	7.3	7.2	6.5
GUARDIAN 41 (STR-8BB5)	7.6	8.7	91.1	96.9	8.2	8.0	7.5	5.0	5.9	6.4	7.0	5.5	7.0	6.9	7.1	7.3	7.3	6.5
TAHOE II	7.6	8.3	86.2	91.7	8.2	8.0	7.0	5.0	5.5	6.8	7.1	5.8	7.1	6.8	7.3	7.4	7.3	6.5
TALLADEGA (RP 3)	7.8	8.5	89.7	97.0	8.5	8.3	8.0	5.0	5.6	6.5	7.2	5.7	6.9	6.9	7.2	7.1	7.0	6.5
TULSA TIME (TULSA III)	7.7	8.5	86.9	96.7	8.5	8.3	7.3	5.3	6.0	6.8	7.0	5.3	6.8	7.0	7.4	7.3	7.4	6.5
VENTURE (J-140)	7.4	8.7	92.6	92.6	8.2	7.8	7.7	5.3	6.3	6.6	6.8	5.3	7.2	6.7	7.1	6.9	7.1	6.5
06-DUST	7.1	8.3	81.2	94.9	7.8	7.7	7.3	5.7	5.8	6.2	6.8	5.4	6.8	6.7	7.4	7.2	7.3	6.4
BILTMORE	7.6	8.5	87.6	95.4	8.5	8.3	7.2	5.7	5.7	6.3	6.5	5.7	6.9	6.7	7.3	7.1	7.1	6.4
BRAVEHEART (DP 50-9407)	7.8	8.5	84.4	96.6	8.2	8.0	7.7	5.7	6.0	6.2	6.6	5.7	6.8	6.7	7.2	7.3	7.3	6.4
BULLSEYE	7.7	8.3	87.0	92.6	8.2	8.0	7.5	5.7	5.6	6.4	6.8	5.5	7.0	7.1	7.2	6.6	6.9	6.4
CROSSFIRE 3 (COL-J)	7.8	8.5	82.1	93.1	8.0	7.8	6.7	5.7	5.9	6.4	6.9	5.4	6.6	6.7	6.8	7.0	7.0	6.4
DARLINGTON (CS-TF1)	7.7	8.0	87.3	94.9	8.2	8.3	7.2	5.3	5.8	6.6	6.8	5.3	6.8	6.9	7.2	7.4	7.2	6.4
ESCALANTE (GO-1BFD)	7.6	8.8	87.1	95.0	8.0	7.8	7.5	5.3	6.0	6.3	6.6	5.4	6.8	6.9	7.1	7.0	7.1	6.4
ESSENTIAL (IS-TF-154)	7.3	8.5	88.8	92.7	8.5	8.3	8.0	5.7	5.7	6.2	6.5	5.5	7.1	7.0	7.1	7.4	7.2	6.4
FALCON NG (CE 1)	7.6	8.8	84.8	95.8	8.3	8.2	7.5	5.3	6.1	6.4	6.5	5.2	6.7	6.9	7.1	7.4	7.2	6.4
FIRENZA	7.6	8.5	84.3	95.8	8.2	8.3	7.5	5.0	6.1	6.7	6.8	5.3	6.9	6.8	7.0	7.3	7.3	6.4
JT-33	6.8	8.2	88.9	96.4	7.8	7.8	6.8	5.3	5.7	6.7	6.8	5.4	6.8	6.6	7.0	7.0	7.0	6.4
JT-42	7.6	8.2	84.3	89.4	8.2	8.2	7.2	5.0	5.7	6.6	6.7	5.5	6.9	6.7	7.0	7.2	6.9	6.4
MAGELLAN	7.6	8.5	90.2	95.8	7.8	7.7	6.8	5.3	6.0	6.6	6.8	5.5	6.8	7.1	7.0	6.7	7.0	6.4
MVS-1107	7.2	8.3	90.5	97.8	8.2	7.8	7.3	5.3	5.8	6.7	6.7	5.3	6.4	6.9	7.2	7.2	7.1	6.4
PLATO	7.3	8.5	88.1	96.1	8.2	7.8	7.5	5.3	5.7	6.1	6.3	5.4	7.1	7.0	7.4	7.0	7.4	6.4
PSG-82BR	7.0	8.3	88.0	96.2	8.2	8.0	7.7	5.3	5.9	6.3	6.7	5.3	6.9	6.7	7.1	7.3	7.1	6.4
REMBRANDT	7.2	8.7	87.7	95.8	7.8	7.8	7.5	5.3	6.3	6.8	6.6	5.2	6.9	7.0	7.0	7.1	7.0	6.4
RENDITION RX (PSG-RNDR)	7.2	8.3	88.6	97.1	8.0	8.0	7.0	5.0	5.8	6.5	6.7	5.3	6.7	6.8	7.4	7.2	7.3	6.4
SKYLINE	7.6	8.5	83.3	96.7	8.2	8.3	7.2	5.3	5.5	6.3	6.4	5.5	6.9	7.3	7.3	7.2	7.3	6.4
TOCCOA (IS-TF-151)	7.6	8.3	85.0	95.1	8.2	8.2	7.3	6.0	5.7	6.4	7.1	5.6	7.3	7.0	7.0	7.2	7.2	6.4
TRIO (IS-TF-152)	7.7	8.2	83.7	91.4	8.0	7.8	7.2	5.3	5.7	6.4	6.9	5.5	6.7	6.8	7.1	7.1	7.2	6.4
TURBO	7.4	8.3	86.8	89.8	7.7	7.5	7.3	5.3	5.9	6.5	6.8	5.7	7.1	7.1	6.8	6.8	7.2	6.4
TURBO RZ (BURL-TF8)	7.6	8.7	90.7	95.9	8.0	7.7	7.3	6.0	5.7	6.4	6.6	5.7	7.0	7.0	7.2	6.6	7.2	6.4
CEZANNE RZ (LTP-CRL)	7.3	8.7	80.8	94.0	7.7	7.7	7.3	5.3	5.9	5.7	6.3	5.3	6.8	6.9	7.1	7.1	7.2	6.3
COCHISE IV (RKCL)	7.7	8.5	84.3	93.4	7.8	7.5	7.0	5.3	6.1	6.1	6.5	5.5	7.1	6.6	7.1	6.9	6.8	6.3
EINSTEIN	7.3	8.2	86.5	93.6	8.0	8.3	7.5	5.0	5.8	6.3	6.5	5.4	6.8	6.9	7.0	7.1	7.1	6.3
ESCALADE	7.1	8.5	84.2	96.8	7.7	7.8	7.2	5.3	5.9	6.3	6.8	5.3	6.7	6.8	6.8	7.1	6.9	6.3
FIRECRACKER LS (MVS-MST)	7.1	8.5	82.8	93.4	8.0	7.8	7.5	5.3	6.2	6.4	6.6	5.0	6.6	6.4	6.7	7.1	7.0	6.3
RK 5	7.3	8.7	76.0	91.3	7.7	7.7	7.3	5.0	6.3	6.4	6.8	5.4	6.6	6.1	6.6	6.7	7.0	6.3
STETSON II (NA-SS)	7.9	8.3	83.8	88.3	8.0	7.8	6.8	5.3	5.4	6.2	6.8	5.8	6.9	6.6	7.2	7.2	6.9	6.3
SUNSET GOLD (KZ-2)	7.6	8.2	83.3	86.9	7.3	7.5	6.0	5.0	5.8	6.5	6.7	5.3	6.9	6.7	6.8	6.8	6.8	6.3
TITAN RX (PSG-TTST)	7.1	8.5	90.3	94.0	7.8	7.8	7.2	4.7	5.7	6.5	6.8	5.3	6.9	6.9	6.7	7.0	7.2	6.3

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/  
2008-11 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	QUALITY RATINGS										
								FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	COT	NOV	MEAN
TITANIUM LS (MVS-BB-1)	7.7	8.5	86.3	97.8	8.2	8.0	7.3	5.3	6.1	6.1	6.6	5.3	7.0	6.7	7.1	7.2	7.1	6.3
ARISTOTLE	7.3	8.3	83.4	93.1	8.2	8.0	7.3	5.3	5.6	6.2	6.3	5.5	6.8	6.4	6.9	6.8	6.9	6.2
AST 7002	7.6	8.0	79.9	93.4	8.3	8.0	6.8	5.0	5.5	6.3	6.6	5.1	6.8	6.7	7.0	7.2	7.0	6.2
CATALYST (NA-BT-1)	7.4	8.7	88.1	87.4	8.2	8.2	7.7	5.3	5.8	6.3	6.3	5.3	7.1	6.7	6.8	6.8	6.6	6.2
GE-1	7.7	8.5	79.7	93.7	7.8	8.2	7.3	4.7	5.8	6.2	6.5	5.3	6.4	6.8	6.8	7.1	7.0	6.2
JT-36	7.9	8.0	84.7	87.0	8.3	8.2	7.3	4.7	5.2	6.1	6.7	5.7	7.1	6.9	7.1	6.7	6.4	6.2
JT-45	7.8	8.0	82.1	93.6	8.2	8.3	7.7	5.0	5.4	6.3	6.5	5.3	6.9	6.7	7.1	7.2	6.8	6.2
KY-41 (JT-41)	6.9	8.5	86.6	94.4	7.7	7.8	6.7	4.7	5.8	6.3	6.6	5.2	6.7	6.7	6.3	7.1	6.9	6.2
MONET (LTP-610 CL)	7.3	8.3	85.5	93.1	8.0	7.7	7.5	5.7	6.2	6.0	6.4	5.2	6.7	6.4	6.7	6.7	7.0	6.2
MVS-341	6.8	8.3	84.3	93.6	7.8	7.2	6.8	5.3	5.8	6.1	6.8	5.3	6.6	6.4	6.9	6.6	6.9	6.2
NINJA 3 (ATF 1247)	7.4	7.8	85.5	92.3	7.7	7.5	6.8	5.7	5.5	6.1	6.4	5.7	6.7	6.9	7.0	6.7	7.2	6.2
REBEL IV	7.2	8.5	75.6	91.1	7.3	7.7	7.3	4.7	5.8	6.4	6.6	5.3	6.3	6.4	6.2	6.6	6.9	6.1
SILVERADO	6.8	8.5	88.7	95.7	7.5	7.8	7.7	5.0	5.8	6.3	6.6	5.3	6.2	6.1	6.3	6.7	6.7	6.1
TERRIER (IS-TF-135)	7.6	8.0	81.4	93.6	8.2	7.8	7.3	5.0	5.2	6.3	6.6	5.3	6.9	6.4	7.0	7.0	7.0	6.1
0312	7.7	8.5	82.6	93.8	8.3	8.0	7.0	4.7	5.4	5.8	6.3	5.1	6.6	6.1	6.8	6.9	6.9	6.0
GREENBROOKS (TG 50-9460)	7.2	8.2	80.1	93.3	7.8	7.8	7.3	4.7	5.4	6.1	6.2	5.3	6.8	6.6	6.2	6.6	7.0	6.0
RK 4	7.6	8.3	78.7	88.1	7.8	7.3	6.8	4.7	5.6	6.0	6.5	5.2	6.4	6.4	6.7	6.4	6.6	6.0
HUNTER	7.3	7.8	79.0	92.1	8.2	8.5	6.7	5.0	5.5	6.0	6.2	5.1	6.0	5.7	6.4	6.8	6.8	5.9
SPEEDWAY (STR-8BPDx)	6.9	8.5	77.5	86.4	7.8	7.5	7.3	5.7	5.8	6.3	6.6	4.8	6.0	6.0	6.4	6.1	6.3	5.9
VAN GOGH (LTP-RK2)	7.3	7.8	76.4	83.2	8.3	7.8	7.2	5.0	5.3	5.8	5.8	5.2	6.3	6.2	6.6	6.4	6.4	5.8
UMBRELLA (DP 50-9411)	7.3	8.0	69.8	88.1	7.3	7.3	6.8	5.0	5.3	5.7	6.0	4.9	6.3	6.2	6.1	6.6	6.3	5.7
CANNAVARO (DP 50-9440)	6.7	6.2	75.8	91.1	7.3	7.8	7.3	4.3	5.3	6.0	6.0	4.8	6.0	5.4	5.8	6.0	6.2	5.6
KY-31	5.9	7.2	82.8	85.1	7.0	7.2	7.2	4.3	4.5	4.5	4.5	3.8	4.7	4.8	4.8	4.6	4.7	4.4
LSD VALUE	1.1	1.3	64.8	22.8	8.1	8.1	1.9	3.7	1.9	1.2	0.8	11.0	1.7	1.6	1.5	1.7	0.9	0.8
C.V. (%)	10.2	8.1	20.4	9.5	15.3	15.3	11.2	13.5	16.6	14.6	12.8	38.2	13.8	14.9	14.5	12.5	11.2	11.8

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/  
GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 2/  
2007-09 DATA

NAME	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT LIVING GROUND COVER IN 2007											MEAN
	COVER SPRING	COVER FALL	WINTER KILL	ESTABLISH- MENT	MAY	JUNE	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT		
RNP	68.3	75.0	46.7	48.3	26.7	56.7	51.7	66.7	5.2	5.7	6.0	5.8	6.5	6.0	5.9	
O312	66.7	68.3	69.0	48.3	15.0	55.0	61.7	63.3	5.7	5.5	5.8	5.8	6.3	5.8	5.8	
JUSTICE	82.5	89.7	40.7	60.0	35.0	70.0	75.0	85.0	5.0	5.0	6.3	6.2	6.7	5.8	5.8	
RAPTOR II (MVS-TF-158)	83.3	85.0	39.3	55.0	33.3	70.0	71.7	86.7	6.0	6.0	5.8	5.2	6.0	5.8	5.8	
SHENANDOAH ELITE (RK 6)	80.0	90.0	47.0	65.0	33.3	73.3	78.3	83.3	5.2	5.2	6.0	6.2	6.3	5.8	5.8	
SPYDER LS (Z-2000)	91.7	95.0	32.7	56.7	38.3	81.7	81.7	93.3	5.7	5.7	5.5	5.7	6.3	5.8	5.8	
HEMI	70.0	75.0	50.7	43.3	25.0	53.3	60.0	65.0	5.2	5.8	6.0	5.7	6.0	5.7	5.7	
COMPETE (LS-06)	78.3	86.7	45.0	50.0	28.3	58.3	63.3	75.0	5.3	5.5	5.7	5.5	6.2	5.3	5.6	
GOLD MEDALLION (KZ-1)	76.7	73.3	47.0	53.3	28.3	60.0	61.7	71.7	4.8	5.8	6.0	5.7	6.0	5.2	5.6	
J-130	70.8	76.7	51.7	51.7	25.0	51.7	61.7	66.7	5.0	5.7	5.8	5.7	6.2	5.2	5.6	
RENOVATE (LS-11)	74.0	85.0	50.7	53.3	26.7	61.7	65.0	75.0	5.0	5.3	6.0	5.7	6.2	5.5	5.6	
TAHOE II	84.2	88.3	46.7	63.3	35.0	76.7	80.0	83.3	5.0	5.3	5.5	5.5	6.2	5.8	5.6	
TITANIUM LS (MVS-BB-1)	65.0	70.0	65.3	53.3	18.3	56.7	55.0	66.7	5.2	5.3	5.7	5.5	6.3	5.7	5.6	
TRAVERSE SRP (RK-1)	71.7	83.3	50.0	50.0	23.3	61.7	61.7	73.3	5.0	5.3	5.8	5.5	6.3	5.5	5.6	
AST1001 (AST-4)	79.2	85.0	24.7	48.3	36.7	65.0	68.3	80.0	5.2	5.3	5.7	5.3	6.0	5.5	5.5	
AST9001 (AST-3)	80.0	88.3	43.7	56.7	31.7	71.7	75.0	85.0	4.8	5.3	5.8	5.5	6.0	5.3	5.5	
AST9002 (AST-2)	76.7	88.3	41.0	55.0	33.3	68.3	71.7	81.7	5.0	5.0	5.8	5.5	6.3	5.3	5.5	
MUSTANG 4 (M4)	74.2	81.3	66.7	55.0	18.3	58.3	65.0	75.0	5.3	5.2	5.7	5.5	5.8	5.7	5.5	
RHAMBLER SRP (RHAMBLER)	66.7	71.7	55.7	51.7	23.3	63.3	60.0	73.3	4.8	5.3	6.0	5.5	5.7	5.5	5.5	
RK 5	82.5	90.0	38.0	65.0	40.0	75.0	83.3	90.0	5.8	5.7	5.5	5.0	5.5	5.5	5.5	
TRIO (IS-TF-152)	77.5	95.0	15.7	51.7	43.3	78.3	80.0	91.7	5.3	5.5	5.8	5.0	5.8	5.3	5.5	
AST9003 (AST-1)	70.8	80.0	51.7	55.0	26.7	56.7	66.7	76.7	4.8	5.2	5.8	5.3	6.0	5.0	5.4	
BLADE RUNNER II (PSG-85QR)	79.2	85.0	48.3	51.7	26.7	71.7	75.0	81.7	4.8	5.5	5.7	5.3	5.7	5.7	5.4	
COCHISE IV (RKCL)	70.0	85.0	51.0	60.0	30.0	60.0	56.7	80.0	4.8	5.7	5.5	5.3	5.7	5.5	5.4	
FAITH (K06-WA)	87.5	94.7	27.0	63.3	46.7	76.7	75.0	91.3	5.0	5.3	5.5	5.2	5.8	5.3	5.4	
FIRECRACKER LS (MVS-MST)	82.3	88.3	54.0	56.7	26.7	70.0	76.7	88.3	5.3	5.7	5.2	5.3	5.8	5.2	5.4	
INTEGRITY (BGR-TF1)	82.5	83.3	37.7	48.3	28.3	60.0	60.0	83.3	5.0	5.2	5.2	5.3	6.2	5.3	5.4	
JT-45	80.0	86.7	31.0	56.7	38.3	75.0	78.3	83.3	5.2	4.8	5.8	5.7	5.8	4.8	5.4	
MONET (LTP-610 CL)	77.5	81.7	62.0	65.0	25.0	60.0	63.3	81.7	4.8	5.2	5.8	5.3	5.8	5.5	5.4	
PSG-82BR	87.3	90.0	33.0	51.7	35.0	73.3	76.7	85.0	5.0	5.3	5.5	5.3	5.7	5.7	5.4	
SUNSET GOLD (KZ-2)	75.8	81.7	30.7	50.0	35.0	63.3	65.7	81.7	5.2	4.8	5.8	5.3	5.8	5.7	5.4	
TURBO	88.3	91.3	17.0	58.3	48.3	73.3	73.3	90.0	4.8	5.2	5.8	5.3	5.7	5.5	5.4	
WOLFPACK II (PST-5WMB)	72.5	80.0	55.0	63.3	28.3	66.7	73.3	78.3	4.7	5.0	6.0	5.5	6.0	5.0	5.4	
XTREMEGREEN (BGR-TF2)	83.3	88.3	37.7	60.0	36.7	71.7	76.7	88.3	5.0	5.2	5.8	5.2	6.0	5.2	5.4	
CEZANNE RZ (LTP-CRL)	70.8	83.3	48.7	55.0	30.0	60.0	68.3	75.0	5.0	5.2	5.2	5.0	5.7	5.5	5.3	
CORONA (COL-M)	74.2	86.7	30.7	51.7	36.7	66.7	70.0	81.7	4.8	5.3	5.7	5.0	5.7	5.2	5.3	
FALCON IV	85.0	86.7	39.0	55.0	33.3	76.7	81.7	85.0	5.0	5.2	5.3	5.2	5.7	5.2	5.3	
FIRENZA	74.2	85.0	43.3	58.3	33.3	66.7	68.3	80.0	4.7	5.2	5.7	5.2	5.8	5.5	5.3	
GAZELLE II (PST-5HP)	76.7	86.7	35.7	66.7	43.3	78.3	78.3	85.0	4.7	4.8	5.7	5.3	5.8	5.2	5.3	
JT-42	68.3	68.3	60.7	53.3	21.7	58.3	60.0	65.0	5.0	5.0	5.5	5.0	5.5	5.7	5.3	
KY-41 (JT-41)	77.5	83.3	42.3	55.0	31.7	68.3	71.7	80.0	4.8	5.0	5.5	5.2	5.7	5.3	5.3	
REUNION (LS-03)	83.3	88.3	30.0	53.3	40.0	65.0	71.7	81.7	4.8	5.2	5.7	5.2	5.7	5.2	5.3	
SHENANDOAH III (SH 3)	85.0	90.0	30.7	70.0	48.3	73.3	80.0	86.7	5.2	5.0	5.7	5.0	5.5	5.3	5.3	
SIDEWINDER (IS-TF-138)	68.3	78.3	46.7	48.3	26.7	53.3	60.0	73.3	5.0	5.2	5.5	5.3	5.0	5.5	5.3	
TITAN RX (PSG-TTST)	80.0	78.3	47.3	51.7	26.7	58.3	73.3	80.0	4.8	5.0	5.7	5.2	5.7	5.7	5.3	
TURBO RZ (BURL-TF8)	78.3	83.3	50.0	60.0	30.0	65.0	68.3	78.3	5.0	5.0	5.7	5.3	6.0	5.0	5.3	
BRAVEHEART (DP 50-9407)	71.7	81.7	51.7	61.7	30.0	63.3	65.0	83.3	4.5	4.8	5.2	5.2	6.2	5.3	5.2	



TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/  
GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 2/  
2007-09 DATA

NAME	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT LIVING GROUND COVER IN 2007							MEAN			
	COVER SPRING	COVER FALL	WINTER KILL	ESTABLISH- MENT	MAY	JUNE	JULY	SEPTEMBER	MAY	JUN	JUL		AUG	SEP	OCT
CATALYST (NA-BT-1)	70.8	81.7	44.7	60.0	33.3	71.7	70.0	80.0	4.7	5.0	5.2	5.2	5.3	5.7	5.2
DARLINGTON (CS-TF1)	75.8	85.0	35.0	53.3	35.0	66.7	65.0	78.3	4.8	5.0	5.3	5.0	5.7	5.2	5.2
FALCON V (ATM)	82.5	81.7	40.3	63.3	36.7	66.7	66.7	78.3	4.7	5.2	5.7	5.2	5.5	5.0	5.2
HUDSON (DKS)	79.2	86.7	27.0	55.0	38.3	66.7	76.7	81.7	4.7	5.2	5.5	5.0	5.8	5.0	5.2
JT-33	78.3	86.7	61.7	53.3	20.0	60.0	65.0	78.3	4.7	5.0	5.5	5.0	5.5	5.3	5.2
PEDIGREE (ATF-1199)	76.7	86.7	47.0	50.0	28.3	68.3	71.7	80.0	4.8	5.3	5.0	4.8	5.3	5.7	5.2
ROCKET (IS-TF-147)	84.0	89.7	38.7	56.7	35.0	75.0	76.7	88.3	5.2	5.2	5.3	5.0	5.3	5.0	5.2
TERRIER (IS-TF-135)	71.7	81.7	42.0	53.3	30.0	58.3	65.0	80.0	4.7	5.0	5.7	5.3	5.8	4.8	5.2
TOCCOA (IS-TF-151)	69.2	88.0	38.3	55.0	33.3	63.3	65.0	78.3	4.8	4.7	5.7	5.2	5.7	5.2	5.2
VENTURE (J-140)	90.0	88.3	23.7	60.0	45.0	76.7	85.0	90.0	5.3	5.2	5.0	4.8	5.3	5.5	5.2
AST7003	74.2	83.7	48.0	56.7	30.0	63.3	70.0	81.7	4.5	5.2	5.3	5.0	5.5	5.0	5.1
CANNAVARO (DP 50-9440)	70.0	81.7	29.7	48.3	33.3	56.7	60.0	81.7	4.7	5.0	5.7	5.2	5.5	4.8	5.1
ESCALADE	80.8	86.7	46.0	61.7	33.3	70.0	80.0	85.0	4.8	4.8	5.3	5.2	5.5	4.8	5.1
ESSENTIAL (IS-TF-154)	76.7	80.0	50.0	61.7	30.0	66.7	68.3	78.3	5.0	4.8	5.5	5.0	5.3	5.0	5.1
HONKY TONK (RAD-TF17)	82.5	85.0	45.3	55.0	30.0	70.0	73.3	83.3	4.8	4.8	5.5	4.8	5.7	5.0	5.1
LS 1010 (ATF 1328)	70.0	80.0	49.7	50.0	25.0	58.3	63.3	75.0	4.5	5.0	5.2	5.0	5.8	5.0	5.1
PADRE	75.0	81.7	30.7	58.3	40.0	66.7	71.7	83.3	4.8	4.8	5.5	4.8	5.5	5.0	5.1
PATAGONIA (GWTF)	82.5	88.0	27.3	53.3	20.3	71.7	45.0	81.7	5.2	5.2	5.0	5.2	5.3	5.0	5.1
REBEL IV	78.3	86.7	61.0	63.3	25.0	63.3	68.3	83.3	4.7	4.8	5.3	5.0	5.7	5.0	5.1
SR 8650 (STR-8LMM)	76.7	85.0	17.0	56.7	46.7	75.0	73.3	83.3	4.3	4.5	5.8	5.3	5.5	5.0	5.1
06-DUST	75.0	76.7	59.0	56.7	23.3	58.3	70.0	75.0	4.5	5.0	5.3	4.8	5.5	4.8	5.0
AST 7002	73.3	80.0	52.3	56.7	26.7	65.0	70.0	78.3	4.5	4.8	5.3	4.8	5.7	5.0	5.0
BAR FA 6253	60.8	78.3	63.7	63.3	23.3	55.0	61.7	70.0	4.3	4.7	5.3	5.2	5.7	5.0	5.0
BILTMORE	78.3	81.7	47.0	60.0	31.7	73.3	71.7	88.3	5.0	4.8	5.0	5.0	5.2	5.2	5.0
COL-1	79.2	90.0	29.7	46.7	31.7	65.0	71.7	80.0	5.0	5.0	5.0	4.8	5.2	5.2	5.0
CROSSFIRE 3 (COL-J)	76.7	81.7	42.7	56.7	33.3	66.7	66.7	83.3	4.8	4.8	5.2	4.7	5.2	5.2	5.0
FINELAWN XPRESS (RP 2)	75.8	88.3	48.7	61.7	31.7	70.0	71.7	86.7	5.0	4.8	5.2	5.0	4.8	5.2	5.0
MVS-341	76.7	85.0	36.3	63.3	40.0	71.7	76.7	81.7	4.5	4.8	5.2	5.0	5.3	5.2	5.0
RENDITION RX (PSG-RNDR)	63.3	80.0	54.7	46.7	21.7	55.0	53.3	75.0	4.5	4.8	5.3	4.8	5.3	5.0	5.0
SKYLINE	74.2	83.3	62.7	58.3	21.7	60.0	70.0	75.0	4.7	4.8	5.3	4.8	5.3	5.2	5.0
STETSON II (NA-SS)	75.8	88.3	32.0	58.3	40.0	73.3	75.0	85.0	4.7	4.8	5.3	4.7	5.2	5.3	5.0
STR-8GRQR	68.3	71.7	56.0	46.7	23.3	53.3	61.7	63.3	5.2	4.8	4.8	4.7	5.2	5.2	5.0
TALLADEGA (RP 3)	75.8	83.3	41.0	63.3	36.7	68.3	70.0	81.7	4.7	4.8	5.3	4.7	5.3	5.2	5.0
AST 7001	74.2	86.7	39.7	55.0	33.3	66.7	70.0	85.0	4.3	4.8	5.3	4.8	5.2	5.0	4.9
BULLSEYE	79.2	86.7	14.3	55.0	46.7	70.0	70.0	86.7	4.7	4.7	5.3	4.8	5.3	4.7	4.9
FALCON NG (CE 1)	63.3	83.3	38.3	53.3	33.3	61.7	63.3	78.3	4.5	4.7	5.3	4.8	5.3	5.0	4.9
GE-1	75.8	80.0	47.0	63.3	33.3	68.3	73.3	80.0	4.7	4.7	5.3	4.8	5.0	5.0	4.9
JAMBOREE (IS-TF-128)	69.2	85.0	45.0	66.7	36.7	68.3	71.7	81.7	4.2	4.3	5.3	5.0	5.7	4.7	4.9
PLATO	74.2	83.3	37.0	60.0	38.3	63.3	73.3	81.7	4.5	4.8	4.8	4.7	5.2	5.2	4.9
GUARDIAN 41 (STR-8BB5)	78.3	90.0	27.0	56.7	41.7	68.3	73.3	88.3	4.5	4.5	5.5	4.8	5.3	4.8	4.9
TANZANIA (IS-TF-159)	73.3	83.3	30.0	50.0	35.0	63.3	70.0	81.7	4.5	4.7	5.2	4.7	5.5	4.8	4.9
TITAN ULTRA (PSG-TTRH)	70.8	81.7	39.0	61.7	38.3	68.3	70.0	78.3	4.3	5.0	5.0	4.8	5.0	5.3	4.9
06-WALK	71.7	78.3	52.3	55.0	25.0	61.7	70.0	76.7	4.8	4.8	5.0	4.7	5.0	4.7	4.8
3RD MILLENNIUM SRP	72.5	86.7	39.0	71.7	43.3	78.3	81.7	86.7	4.3	4.3	5.2	4.8	5.3	4.8	4.8
ARISTOTLE	79.2	85.0	56.7	63.3	26.7	58.3	65.0	80.0	4.7	4.8	4.8	4.5	4.8	5.0	4.8
HUNTER	75.0	87.5	25.5	51.7	42.5	75.0	77.5	85.0	4.8	4.8	4.8	4.3	5.3	4.8	4.8
MVS-1107	70.8	76.7	60.7	55.0	21.7	63.3	66.7	75.0	4.7	4.7	5.2	4.7	4.7	4.8	4.8

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS 1/  
GROWN UNDER DROUGHT STRESS AT HIGHMORE, SD 2/  
2007-09 DATA

NAME	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT LIVING GROUND COVER IN 2007											MEAN
	COVER SPRING	COVER FALL	WINTER KILL	ESTABLISH- MENT	MAY	JUNE	JULY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP	OCT		
TULSA TIME (TULSA III)	64.2	81.7	26.7	55.0	40.0	66.7	68.3	81.7	4.3	4.5	5.0	4.7	5.0	5.0	4.8	
ESCALANTE (GO-1BFD)	81.7	86.7	40.3	58.3	35.0	71.7	80.0	85.0	4.3	4.7	5.0	4.5	5.0	4.5	4.7	
GARRISON (IS-TF-153)	60.8	75.0	60.7	53.3	20.0	40.0	45.0	66.7	4.3	4.8	4.7	4.5	5.0	5.0	4.7	
JT-36	75.0	83.3	21.3	51.7	40.0	66.7	68.3	80.0	4.5	4.7	5.2	4.5	5.0	4.5	4.7	
LS 1200 (SC-1)	73.3	91.7	31.3	65.0	45.0	75.0	76.7	86.7	4.2	4.7	4.8	4.7	5.2	4.8	4.7	
VAN GOGH (LTP-RK2)	72.5	85.0	44.3	56.7	31.7	61.7	68.3	81.7	4.2	4.7	4.8	4.7	4.8	5.2	4.7	
GREENBROOKS (TG 50-9460)	74.2	88.3	40.7	68.3	40.0	71.7	73.3	86.7	4.2	4.3	5.6	5.0	5.6	4.8	4.6	
MAGELLAN	71.7	90.0	48.3	70.0	36.7	80.0	80.0	88.3	4.0	4.3	4.8	4.3	5.2	4.8	4.6	
REMBRANDT	77.5	85.0	39.7	63.3	38.3	75.0	80.0	80.0	4.5	4.7	5.0	4.5	4.7	4.5	4.6	
RK 4	80.0	90.0	31.0	68.3	46.7	73.3	75.0	83.3	4.2	4.5	5.0	4.3	5.0	4.7	4.6	
UMBRELLA (DP 50-9411)	68.3	86.7	25.3	60.0	45.0	66.7	63.3	78.3	4.2	4.7	4.8	4.3	5.2	4.5	4.6	
BAR FA 6363	70.0	85.0	39.3	63.3	38.3	71.7	73.3	83.3	3.8	4.5	4.7	4.5	4.8	4.7	4.5	
EINSTEIN	77.5	85.0	46.3	65.0	35.0	71.7	78.3	83.3	4.3	4.7	4.5	4.3	4.5	4.5	4.5	
LINDBERGH	79.2	85.0	58.0	66.7	28.3	65.0	65.0	83.3	4.0	4.7	4.8	4.2	4.7	4.8	4.5	
SPEEDWAY (STR-8BPDx)	65.8	88.3	37.7	56.7	35.0	71.7	73.3	83.3	3.5	4.3	4.7	4.2	4.5	4.7	4.3	
FAT CAT (IS-TF-161)	60.8	88.3	23.3	55.0	41.7	66.7	73.3	86.7	3.7	4.5	4.3	4.0	4.3	4.2	4.2	
SILVERADO	76.7	86.7	48.0	66.7	35.0	71.7	75.0	80.0	3.7	4.5	4.8	4.0	4.2	3.8	4.2	
NINJA 3 (ATF 1247)	75.8	81.7	44.0	63.3	35.0	63.3	66.7	81.7	3.7	4.5	4.7	3.8	4.2	4.0	4.1	
KY-31	82.5	91.7	21.3	60.0	46.7	80.0	83.3	80.0	3.7	4.0	3.7	2.8	3.0	3.5	3.4	
LSD VALUE	24.7	28.3	52.0	18.8	31.2	61.8	39.8	34.7	1.1	1.3	1.1	1.2	1.0	1.9	0.7	
C.V. (%)	17.0	9.9	42.5	14.1	33.6	19.5	17.0	12.1	16.2	14.7	13.7	16.6	14.5	17.8	11.6	

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

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

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/  
2007-08 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	BROWN PATCH WARM TEMP.	PERCENT ESTABLISH- MENT	SOD STRENGTH KG/SQ.FT.	QUALITY RATINGS					MEAN
								JUN	JUL	AUG	OCT		
CEZANNE RZ (LTP-CRL)	7.7	98.3	8.7	7.3	7.7	63.3	16.2	7.3	7.3	8.3	8.0	7.8	
MVS-1107	7.8	97.0	9.0	7.3	7.3	63.7	15.2	7.3	7.3	8.3	7.3	7.6	
CATALYST (NA-BT-1)	7.7	98.0	8.7	8.0	7.7	63.3	18.8	7.0	6.7	8.0	8.3	7.5	
TURBO	7.7	96.3	8.7	7.3	7.7	68.0	14.3	7.3	7.3	8.0	7.3	7.5	
BULLSEYE	7.8	97.3	9.0	7.7	8.0	66.0	17.2	7.0	7.0	8.0	7.7	7.4	
VAN GOGH (LTP-RK2)	7.8	98.7	9.0	7.0	6.7	66.3	16.0	7.0	7.0	8.0	7.7	7.4	
FALCON V (ATM)	7.5	97.3	8.7	8.0	7.0	65.3	16.8	7.0	6.7	7.7	8.0	7.3	
MONET (LTP-610 CL)	7.8	98.7	8.0	6.7	7.0	70.3	15.3	7.7	6.7	7.7	7.3	7.3	
ARISTOTLE	7.5	98.3	7.7	7.0	6.3	66.7	13.0	7.0	6.7	8.0	7.0	7.2	
ESCALADE	7.5	97.7	8.3	7.0	7.7	63.3	15.5	6.5	6.5	8.0	7.3	7.2	
TRIO (IS-TF-152)	8.0	97.0	9.0	6.7	7.7	68.3	17.2	6.7	6.7	8.7	6.7	7.2	
EINSTEIN	7.7	97.3	7.7	7.3	6.7	67.7	15.7	6.3	6.3	8.0	7.7	7.1	
FAITH (K06-WA)	8.0	98.7	8.3	7.0	8.0	68.3	18.5	6.3	6.3	8.0	7.7	7.1	
GAZELLE II (PST-5HP)	7.8	98.3	7.7	8.0	7.7	62.7	17.0	6.3	6.3	8.0	7.7	7.1	
JUSTICE	7.7	98.0	8.3	7.0	7.0	69.3	16.3	6.7	6.7	8.0	7.0	7.1	
MAGELLAN	7.7	98.0	9.0	7.3	7.3	61.3	17.0	6.3	6.3	8.3	7.3	7.1	
MUSTANG 4 (M4)	7.7	98.0	8.7	7.3	8.0	66.7	19.0	6.3	6.3	8.7	7.0	7.1	
PSG-82BR	7.3	97.3	8.7	8.3	7.7	68.3	16.2	6.3	6.0	7.7	8.3	7.1	
SPEEDWAY (STR-8BPD)	8.2	98.3	9.0	6.7	7.7	66.0	16.0	7.0	6.7	8.0	6.7	7.1	
GUARDIAN 41 (STR-8BB5)	7.3	95.3	8.7	8.0	7.7	64.0	15.7	6.3	6.3	8.0	7.7	7.1	
AST 7002	7.8	97.3	8.3	7.3	7.3	66.0	16.2	6.0	6.0	8.3	7.7	7.0	
GE-1	7.7	98.0	8.7	6.0	7.7	66.7	18.3	7.0	7.0	8.0	6.0	7.0	
NINJA 3 (ATF 1247)	7.8	97.7	8.3	6.3	7.7	67.3	14.5	6.7	6.7	7.7	7.0	7.0	
SIDEWINDER (IS-TF-138)	7.8	95.7	8.7	7.0	7.3	60.3	17.2	6.3	6.3	8.3	7.0	7.0	
UMBRELLA (DP 50-9411)	8.2	95.3	8.7	5.7	7.7	65.0	17.0	7.3	7.0	7.7	6.0	7.0	
WOLFPACK II (PST-5WMB)	7.7	96.7	8.0	7.0	8.0	67.3	17.0	6.3	6.3	8.0	7.3	7.0	
AST9003 (AST-1)	8.0	97.7	8.7	6.3	7.7	67.3	14.5	6.7	6.7	8.0	6.3	6.9	
SHENANDOAH III (SH 3)	7.7	98.7	8.7	6.0	7.7	69.7	14.2	7.0	7.0	7.7	6.0	6.9	
SKYLINE	7.8	97.7	8.7	6.3	7.7	64.0	14.5	6.3	6.3	8.3	6.7	6.9	
STETSON II (NA-SS)	8.2	96.7	8.7	6.7	7.7	66.0	15.7	6.3	6.3	8.0	7.0	6.9	
STR-8GRQR	7.8	97.3	9.0	8.0	6.7	64.7	16.0	6.0	6.0	8.0	7.7	6.9	
TITANIUM LS (MVS-BB-1)	7.5	98.3	9.0	6.7	8.0	64.0	16.3	6.7	6.7	7.3	7.0	6.9	
VENTURE (J-140)	7.8	97.3	9.0	6.7	7.7	64.7	14.7	6.3	6.3	8.0	7.0	6.9	
AST7003	8.0	98.3	8.7	7.3	7.3	66.7	15.7	5.7	5.7	8.0	7.7	6.8	
BRAVEHEART (DP 50-9407)	7.8	97.7	8.7	5.3	7.7	69.3	18.0	7.0	6.7	7.3	6.0	6.8	
ESSENTIAL (IS-TF-154)	8.0	98.0	7.3	7.0	7.3	65.0	16.0	6.0	6.0	7.7	7.3	6.8	
FINELAWN XPRESS (RP 2)	7.8	96.3	9.0	6.7	6.7	70.0	16.3	6.0	6.0	8.0	7.0	6.8	
FIRECRACKER LS (MVS-MST)	7.8	97.3	9.0	6.0	8.0	65.3	18.7	6.3	6.3	7.7	6.7	6.8	
GARRISON (IS-TF-153)	8.2	97.0	8.7	7.3	7.0	66.3	17.8	6.3	6.3	7.7	7.0	6.8	
GREENBROOKS (TG 50-9460)	8.2	98.0	9.0	6.3	7.7	67.7	17.0	6.3	6.3	8.3	6.0	6.8	
JT-33	7.5	96.0	8.0	7.3	7.3	69.7	15.3	6.0	6.0	8.0	7.3	6.8	
JT-42	7.5	98.0	8.0	6.3	7.0	69.3	18.8	6.3	6.3	7.7	6.7	6.8	
KY-41 (JT-41)	7.5	97.0	8.0	6.7	6.3	69.3	18.0	6.3	6.0	7.7	7.0	6.8	
LINDBERGH	7.8	99.0	8.3	7.0	7.0	71.3	13.0	5.7	5.7	8.3	7.3	6.8	
RAPTOR II (MVS-TF-158)	7.8	92.7	8.3	6.7	7.7	64.3	17.7	6.3	6.7	7.3	6.7	6.8	

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/  
2007-08 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	BROWN PATCH WARM TEMP.	PERCENT ESTABLISH- MENT	SOD STRENGTH KG/SQ.FT.	QUALITY RATINGS				MEAN
								JUN	JUL	AUG	OCT	
SHENANDOAH ELITE (RK 6)	8.0	97.0	8.7	6.7	8.0	67.7	13.3	6.3	6.3	7.3	7.0	6.8
SILVERADO	6.8	96.7	8.7	6.0	7.0	64.7	11.5	6.3	6.3	7.7	7.0	6.8
TAHOE II	8.2	97.3	8.0	6.3	7.7	65.3	14.8	6.7	6.7	7.7	6.3	6.8
TRAVERSE SRP (RK-1)	7.8	97.7	9.0	6.7	7.7	65.3	16.3	6.0	6.0	8.0	7.3	6.8
TULSA TIME (TULSA III)	7.5	98.7	8.0	7.0	7.7	61.7	15.5	6.7	6.3	7.3	7.0	6.8
ESCALANTE (GO-1BFD)	7.7	98.7	8.7	8.0	7.3	69.0	14.5	5.7	5.7	8.0	7.3	6.7
HUNTER	7.8	97.3	8.0	7.0	6.7	66.0	16.3	6.0	6.0	7.7	7.0	6.7
JAMBOREE (IS-TF-128)	7.5	96.7	8.7	6.7	6.7	62.7	15.8	6.0	6.0	8.0	6.7	6.7
JT-36	8.0	97.0	9.0	7.0	7.3	66.7	12.7	6.3	6.3	7.7	6.3	6.7
LS 1010 (ATF 1328)	8.3	96.3	9.0	6.7	7.7	67.3	18.8	5.7	5.7	8.3	7.0	6.7
REBEL IV	8.0	99.0	8.3	6.0	7.7	68.7	16.5	6.0	6.0	8.0	6.7	6.7
RENOVATE (LS-11)	8.3	98.3	7.7	5.7	7.7	64.0	13.2	6.3	6.3	7.7	6.3	6.7
ROCKET (IS-TF-147)	7.5	95.3	8.7	6.7	7.3	61.0	15.5	6.0	6.0	8.0	6.7	6.7
SPYDER LS (Z-2000)	8.2	98.0	8.3	6.3	7.7	64.0	16.0	6.3	6.3	8.0	6.0	6.7
06-DUST	8.0	98.3	8.7	5.7	6.7	66.7	17.2	6.3	6.3	8.0	5.7	6.6
COL-1	8.0	97.3	8.7	6.0	7.7	63.7	16.5	6.3	6.3	7.7	6.0	6.6
FALCON IV	7.5	97.3	8.0	6.7	7.3	64.3	15.0	6.0	6.0	8.0	6.3	6.6
HUDSON (DKS)	7.7	96.7	8.0	6.3	7.7	63.7	13.7	6.0	6.3	7.7	6.3	6.6
JT-45	7.5	97.0	8.3	7.0	7.0	69.7	16.5	6.0	6.0	7.7	6.7	6.6
SR 8650 (STR-8LMM)	7.7	97.7	8.7	7.0	7.3	69.0	17.3	5.7	5.7	8.3	6.7	6.6
TALLADEGA (RP 3)	7.8	97.0	8.3	6.0	8.0	61.7	17.5	6.7	6.7	7.3	5.7	6.6
BLADE RUNNER II (PSG-85QR)	7.5	97.3	8.3	6.0	8.0	65.3	16.3	6.0	6.0	7.7	6.3	6.5
PLATO	7.5	98.7	7.7	6.3	4.3	65.7	12.2	6.3	5.3	8.0	6.3	6.5
RHAMBLER SRP (RHAMBLER)	7.7	98.0	8.7	6.0	6.3	66.7	17.3	6.0	6.0	7.7	6.3	6.5
TITAN RX (PSG-TTST)	7.5	97.0	8.7	7.0	7.3	63.7	14.0	6.0	5.7	7.3	7.0	6.5
TOCCOA (IS-TF-151)	8.0	96.0	8.0	5.7	7.7	66.7	14.0	6.3	6.3	7.3	6.0	6.5
AST1001 (AST-4)	8.0	98.0	8.3	6.3	7.7	66.3	13.5	5.7	5.7	8.0	6.3	6.4
BILTMORE	7.5	98.3	8.0	6.7	5.0	64.3	15.7	5.7	5.7	7.7	6.7	6.4
CANNAVARO (DP 50-9440)	8.2	95.7	8.7	5.3	7.7	66.7	14.7	6.0	6.0	8.0	5.7	6.4
COMPETE (LS-06)	7.8	96.3	7.7	6.3	7.0	63.3	14.5	5.7	5.7	7.7	6.7	6.4
FALCON NG (CE 1)	7.8	99.0	9.0	5.3	7.3	70.0	15.5	6.3	6.0	7.7	5.7	6.4
FIRENZA	7.5	97.0	9.0	7.0	7.0	64.7	12.7	5.7	5.7	8.0	6.3	6.4
HEMI	8.0	97.7	9.0	6.3	7.7	67.7	17.0	6.0	6.0	7.7	6.0	6.4
HONKY TONK (RAD-TF17)	8.0	98.0	9.0	6.7	7.7	65.0	15.5	5.3	5.3	8.3	6.7	6.4
LS 1200 (SC-1)	8.0	98.7	8.7	7.3	7.7	70.0	16.8	5.3	5.3	8.0	7.0	6.4
RENDITION RX (PSG-RNDR)	7.7	96.0	8.3	6.7	4.3	63.7	17.7	5.7	5.7	7.3	7.0	6.4
RK 5	7.5	98.7	8.0	6.3	8.0	67.3	16.7	6.0	6.0	7.3	6.3	6.4
SUNSET GOLD (KZ-2)	8.0	96.7	8.3	7.0	6.7	64.0	15.5	5.3	5.3	8.0	7.0	6.4
TERRIER (IS-TF-135)	7.5	95.7	8.3	5.0	7.7	67.7	14.0	6.0	6.0	7.3	6.3	6.4
TITAN ULTRA (PSG-TTRH)	8.0	98.0	8.7	6.7	7.7	64.0	16.7	5.7	5.7	7.7	6.7	6.4
BAR FA 6363	7.8	98.3	8.3	5.7	6.7	66.3	12.0	6.0	6.0	7.3	6.0	6.3
FAT CAT (IS-TF-161)	7.8	97.7	7.0	5.7	8.0	66.7	17.8	6.0	6.0	7.0	6.0	6.3
GOLD MEDALLION (KZ-1)	7.7	97.0	8.3	7.0	7.7	64.0	15.2	5.0	5.3	7.7	7.0	6.3
J-130	7.8	97.0	8.3	5.7	7.0	66.0	14.0	6.0	5.7	7.3	6.0	6.3
PADRE	7.5	98.7	7.7	6.0	7.7	65.7	15.2	5.3	5.3	8.0	6.3	6.3

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS  
FOR SOD STRENGTH STUDY AT VIRGINIA BEACH, VA 1/  
2007-08 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	BROWN PATCH WARM TEMP.	PERCENT ESTABLISH- MENT	SOD STRENGTH KG/SQ.FT.	QUALITY RATINGS				MEAN
								JUN	JUL	AUG	OCT	
PATAGONIA (GWTF)	7.8	97.7	8.7	6.3	8.0	64.3	14.5	5.7	5.7	7.7	6.3	6.3
REMBRANDT	7.7	98.7	8.7	6.0	6.7	69.7	15.2	6.0	5.7	7.7	6.0	6.3
RNP	7.5	97.0	7.7	7.3	7.7	66.0	13.5	5.0	5.0	8.0	7.3	6.3
TURBO RZ (BURL-TF8)	7.8	98.3	8.3	6.7	7.7	68.7	17.3	5.7	5.7	7.7	6.3	6.3
XTREMEGREEN (BGR-TF2)	7.8	97.0	8.0	7.0	8.0	66.3	14.8	5.3	5.0	7.7	7.3	6.3
0312	7.5	96.7	7.7	6.7	7.3	65.0	12.8	5.7	5.7	7.0	6.3	6.2
AST 7001	7.7	96.0	8.3	6.7	7.3	64.0	14.5	5.0	5.0	8.0	6.7	6.2
BAR FA 6253	7.8	98.0	9.0	4.0	7.7	64.7	12.7	6.7	6.3	6.7	5.0	6.2
CORONA (COL-M)	7.8	98.0	7.0	6.7	7.7	64.7	14.3	5.7	5.3	7.0	6.7	6.2
MVS-341	8.0	97.7	8.7	6.3	7.7	66.0	16.2	5.3	5.3	7.3	6.7	6.2
REUNION (LS-03)	7.8	96.0	9.0	6.7	7.3	62.0	11.8	5.3	5.3	7.3	6.7	6.2
RK 4	7.8	98.7	8.7	5.3	8.0	66.7	14.5	6.0	6.0	7.0	5.7	6.2
TANZANIA (IS-TF-159)	7.8	96.7	8.7	6.0	7.3	64.7	13.8	5.3	5.3	7.7	6.3	6.2
06-WALK	7.2	95.3	8.3	6.7	7.7	66.7	11.7	5.3	5.3	7.3	6.3	6.1
COCHISE IV (RKCL)	7.5	97.7	8.3	5.3	7.7	65.3	14.5	6.0	6.0	7.0	5.3	6.1
PEDIGREE (ATF-1199)	8.0	98.0	8.0	5.7	7.3	66.0	14.8	5.7	5.3	7.3	6.0	6.1
3RD MILLENNIUM SRP	7.8	98.3	8.7	5.7	7.7	67.7	16.2	5.3	5.3	7.3	6.0	6.0
AST9001 (AST-3)	7.7	97.3	8.0	6.7	6.7	69.0	13.3	5.0	5.0	7.3	6.3	5.9
AST9002 (AST-2)	7.7	98.3	7.7	6.3	7.0	68.0	15.5	5.0	5.0	7.3	6.3	5.9
DARLINGTON (CS-TF1)	7.5	96.7	8.0	6.0	7.3	67.3	12.2	5.0	5.0	7.3	6.3	5.9
CROSSFIRE 3 (COL-J)	7.7	98.0	6.7	4.7	7.3	66.0	15.3	5.3	5.3	6.7	5.7	5.8
INTEGRITY (BGR-TF1)	7.3	96.7	8.0	7.0	5.0	66.7	13.8	5.0	4.7	7.3	6.3	5.8
KY-31	6.2	99.0	9.0	6.3	8.0	70.3	10.7	4.0	4.3	6.3	5.3	5.0
LSD VALUE	0.7	2.8	2.0	5.5	1.8	17.6	21.4	1.8	1.8	1.7	5.3	2.9
C.V. (%)	6.5	1.4	8.5	19.2	11.6	6.0	31.9	13.3	13.1	7.8	17.2	15.2

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

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





TABLE 15. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	AR1	CA3	GA1	IA1	IL1	IN1	KS2	KY1	MD1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	NM1	PA1	RI1	TN1	TX1	UT1	VA1	VA4	WA3	WI1	MEAN
ARISTOTLE	6.9	5.6	6.7	7.8	6.0	7.3	6.2	6.9	6.7	5.0	5.5	6.0	6.9	6.5	6.3	6.0	7.2	6.5	6.0	6.9	7.2	5.6	6.7	8.2	6.8	6.8	6.5
TRAVERSE SRP (RK-1)	7.2	6.2	6.5	7.8	6.9	6.9	5.6	7.3	7.0	4.5	6.1	5.9	6.2	6.5	5.3	5.7	6.5	5.7	6.3	7.3	7.2	5.7	7.3	8.7	7.2	6.7	6.5
GAZELLE II (PST-5HP)	6.9	6.0	6.7	7.8	6.6	7.1	5.9	6.4	6.0	4.5	6.3	6.0	6.8	6.1	5.7	5.5	7.2	6.1	6.2	7.6	7.2	5.8	7.2	8.6	7.2	6.1	6.5
PADRE	7.0	6.2	6.3	7.7	7.1	7.5	5.9	6.7	6.0	4.3	6.0	6.1	6.3	6.6	5.7	5.0	6.8	5.8	6.6	7.3	7.5	5.9	7.4	8.0	7.0	6.1	6.5
ESCALADE	6.7	5.9	6.2	7.9	6.7	7.0	5.9	7.0	6.0	4.3	6.1	6.0	6.5	7.1	4.7	5.2	6.8	6.2	6.1	7.5	6.9	5.8	6.8	8.4	7.0	6.7	6.5
FALCON IV	6.9	6.0	6.5	7.4	6.5	7.3	5.8	6.6	5.7	4.1	6.3	5.9	6.8	6.5	4.3	6.0	7.0	6.2	6.1	7.3	7.1	6.3	7.1	7.3	6.8	6.1	6.4
STR-8GRQR	6.7	6.0	6.6	7.3	6.1	7.2	5.9	6.9	6.3	4.4	6.1	5.9	6.6	6.5	4.3	5.3	7.0	6.1	6.1	7.1	7.4	6.1	7.1	7.9	7.3	6.4	6.4
GUARDIAN 41 (STR-8BB5)	6.8	5.6	6.1	7.6	6.0	7.3	5.7	7.0	6.0	3.7	6.3	6.0	6.8	7.0	5.7	4.9	7.0	6.1	6.7	7.5	7.3	5.7	7.2	8.0	7.2	6.2	6.4
EINSTEIN	6.6	5.4	6.5	7.3	6.4	7.1	5.8	6.4	7.0	4.3	5.7	5.9	6.4	6.3	6.0	5.8	6.9	6.3	5.9	8.0	7.2	5.6	7.1	8.3	6.7	6.2	6.4
LINDBERGH	7.1	6.1	5.7	7.8	6.7	7.3	5.7	6.6	6.3	4.1	5.6	6.0	6.3	6.3	4.7	5.7	7.0	6.1	6.1	7.3	7.0	5.3	6.6	8.1	7.0	6.1	6.3
CATALYST (NA-BT-1)	6.7	6.3	6.3	7.6	7.1	7.0	5.4	6.9	5.0	3.7	6.2	6.0	6.8	6.5	4.3	4.4	6.6	5.5	6.8	7.3	7.0	5.7	7.3	8.0	6.7	6.3	6.3
PSG-82BR	6.9	6.0	6.7	7.8	7.1	6.6	5.6	6.7	6.0	3.9	5.8	5.9	6.2	6.1	5.7	5.5	7.1	5.9	6.2	7.1	7.1	5.6	6.7	7.3	6.5	6.3	6.3
MVS-1107	6.5	6.3	6.5	7.4	6.7	7.1	6.2	6.7	5.7	3.5	5.9	6.1	6.1	6.9	4.0	4.9	7.0	5.5	6.1	7.1	6.7	5.1	7.3	8.0	6.8	6.3	6.3
FALCON NG (CE 1)	6.5	6.2	6.3	7.5	6.9	7.3	5.6	6.6	6.0	4.3	6.0	5.9	6.1	5.7	4.0	5.4	6.3	5.5	5.9	7.2	6.8	5.7	6.8	8.4	7.0	5.6	6.2
REMBRANDT	6.7	5.8	6.6	7.4	6.5	6.9	5.2	7.0	6.0	4.3	5.4	6.0	6.3	6.9	4.0	4.6	6.8	5.7	6.0	7.0	6.7	5.5	7.0	8.4	7.2	5.8	6.2
PLATO	6.5	5.9	5.7	7.6	6.9	7.1	5.4	6.7	5.7	3.2	5.3	6.0	5.9	6.7	4.3	5.2	6.5	5.6	5.9	7.3	6.5	4.7	6.7	7.1	6.7	6.5	6.1
ESCALANTE (GO-1BFD)	6.5	5.9	6.3	7.6	6.8	7.2	5.2	6.7	5.3	2.9	5.4	5.8	5.8	6.3	3.3	4.6	6.9	5.9	5.3	7.4	6.8	4.9	7.1	8.3	6.8	5.8	6.1
TITAN RX (PSG-TTST)	6.3	5.8	6.1	6.9	6.3	6.7	5.3	6.6	5.0	2.9	5.6	5.3	5.3	6.1	2.7	4.1	6.8	4.9	5.5	7.1	6.5	5.1	6.6	7.6	6.5	5.4	5.8
SILVERADO	5.9	5.7	6.1	5.9	5.6	6.5	4.1	6.0	5.0	2.1	4.9	5.1	5.1	5.5	2.7	3.5	6.2	4.0	4.3	6.8	6.1	4.3	6.6	7.4	6.5	5.0	5.3
KY-31	4.4	5.1	5.3	4.0	4.2	4.9	3.0	4.9	4.0	1.0	3.4	4.0	3.3	5.7	1.0	2.3	5.5	2.1	2.8	4.5	4.7	3.1	5.4	6.2	5.2	3.5	4.0
LSD VALUE	0.7	1.4	1.1	0.7	1.3	0.9	1.0	1.5	0.7	1.3	1.1	0.6	1.2	1.3	1.6	1.8	1.1	1.1	1.3	1.0	1.0	1.1	1.1	0.9	0.8	1.6	0.3
C.V. (%)	6.1	14.0	10.1	5.3	12.0	7.6	10.1	14.5	6.4	14.5	10.5	5.7	11.2	11.8	16.0	17.9	10.4	10.1	12.4	8.2	8.6	10.6	9.6	6.8	6.4	14.3	10.7

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

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



TABLE 16.

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
 2007-11 DATA

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

NAME	IA1	IL1	KS2	KY1	MN1	MS1	NC1	NE1	NJ1	NJ2	NM1	PA1	RI1	TX1	UT1	WI1	MEAN
KY-31	6.3	4.5	5.2	5.7	8.0	5.6	4.8	4.4	8.5	8.1	5.5	7.1	7.7	6.5	6.3	6.1	6.3
ESCALANTE (GO-1BFD)	7.0	5.8	4.8	6.7	4.0	6.2	6.4	4.3	7.4	7.2	7.5	6.8	5.3	7.7	4.9	7.4	6.1
FALCON NG (CE 1)	6.6	6.3	5.1	7.7	4.7	6.0	6.2	4.3	7.0	6.0	5.5	6.7	5.5	7.9	4.8	6.7	6.0
FALCON V (ATM)	6.4	6.9	4.8	8.7	4.3	6.1	7.2	4.3	5.9	6.8	6.2	7.0	5.7	7.7	4.8	6.7	6.0
REMBRANDT	6.8	5.9	4.8	6.7	4.6	5.8	6.7	4.4	7.3	6.9	5.5	6.1	5.9	7.7	4.6	6.3	5.9
SHENANDOAH III (SH 3)	6.5	6.2	5.3	7.7	4.7	5.9	7.2	4.5	5.9	6.8	6.7	6.7	5.5	7.8	4.2	7.0	5.9
VAN GOGH (LTP-RK2)	6.4	5.8	5.1	7.7	4.6	5.7	6.8	4.3	6.3	6.7	6.2	7.0	4.8	7.8	4.4	6.9	5.9
WOLFPACK II (PST-5WMB)	6.7	6.5	5.2	7.7	4.6	5.8	6.7	4.8	6.3	6.3	5.0	6.7	5.0	7.8	4.3	7.1	5.9
FAITH (KOG-WA)	6.7	5.6	4.7	7.7	4.1	6.2	6.7	4.9	5.7	7.1	5.3	6.9	5.5	8.0	4.2	6.9	5.8
LS 1200 (SC-1)	6.3	6.6	5.3	7.3	4.3	6.1	7.7	4.6	5.5	6.7	6.0	6.9	4.9	7.8	3.8	6.9	5.8
TRAVERSE SRP (RK-1)	6.7	6.8	4.9	7.3	4.2	5.8	6.6	4.2	6.2	6.1	5.3	7.0	5.2	7.9	3.9	6.3	5.8
CATALYST (NA-BT-1)	6.8	6.0	4.8	8.0	3.8	6.0	7.1	4.1	5.9	6.4	5.3	6.6	5.4	7.8	4.1	6.7	5.8
RHAMBLER SRP (RHAMBLER)	6.7	6.7	5.3	7.3	4.7	5.8	7.1	3.6	5.9	6.3	5.2	6.6	4.9	7.9	4.4	6.7	5.8
FALCON IV	6.5	7.2	4.6	7.0	4.8	5.8	6.8	3.5	5.9	5.8	6.5	6.4	5.2	8.0	4.5	6.1	5.8
GREENBROOKS (TG 50-9460)	6.5	5.4	4.5	5.3	4.0	5.8	6.2	4.7	6.1	6.2	6.5	6.4	6.1	7.7	4.8	6.4	5.7
06-DUST	6.6	6.2	5.1	5.7	4.0	5.7	6.8	4.5	5.6	5.6	5.0	5.8	5.3	8.1	4.4	7.2	5.7
REBEL IV	6.6	6.2	5.2	5.7	4.9	5.7	7.0	4.3	5.7	5.7	5.5	6.2	5.1	7.8	4.4	6.2	5.7
SPEEDWAY (STR-8BPDJ)	6.4	6.3	5.2	6.7	4.3	5.7	6.9	4.1	5.4	6.0	6.5	6.2	5.3	7.7	4.5	6.6	5.7
ESCALADE	6.7	6.4	4.3	7.3	3.9	5.8	6.7	4.5	5.3	4.9	6.5	6.4	5.2	7.8	4.4	6.7	5.7
RK 5	6.3	6.3	4.7	6.7	5.2	6.0	6.8	4.7	5.0	5.8	6.3	7.1	4.8	7.6	3.8	6.2	5.7
BAR FA 6253	6.5	5.8	5.2	6.0	4.3	5.8	6.9	4.3	5.3	5.9	5.5	6.2	5.1	8.0	4.3	7.0	5.7
EINSTEIN	6.5	5.3	4.8	5.3	4.0	5.7	6.1	4.2	6.0	5.8	7.0	5.9	5.3	7.8	4.6	7.2	5.7
MVS-1107	6.6	6.3	4.8	5.3	4.6	5.8	6.6	4.5	5.1	4.9	7.0	5.8	5.2	7.8	4.4	6.9	5.6
JUSTICE	6.6	7.3	4.7	5.7	3.8	5.6	7.2	4.4	5.4	5.8	5.8	6.2	5.3	7.6	3.8	7.1	5.6
3RD MILLENNIUM SRP	6.7	6.9	4.1	6.3	4.0	5.7	6.8	3.9	5.2	5.8	4.7	6.3	5.6	8.3	4.8	7.0	5.6
STR-8GRQR	6.5	5.8	4.8	7.0	4.3	5.7	6.3	4.0	4.7	5.9	6.7	6.4	4.8	8.1	4.8	6.8	5.6
PSG-82BR	6.3	5.5	4.3	8.0	4.2	5.8	5.7	4.3	5.6	5.9	6.2	6.3	5.0	8.2	4.8	6.8	5.6
CEZANNE RZ (LTP-CRL)	6.5	6.4	4.6	7.3	4.6	5.8	6.1	4.5	5.3	4.7	7.0	5.6	4.8	7.6	5.1	6.3	5.6
VENTURE (J-140)	6.3	6.8	5.2	7.0	4.2	5.8	6.8	4.2	4.6	5.2	5.7	6.3	4.8	7.6	4.4	7.2	5.6
MUSTANG 4 (M4)	6.6	6.1	4.4	6.3	4.0	5.8	6.7	4.7	4.7	5.7	4.8	6.1	4.9	8.0	4.4	7.0	5.6
COCHISE IV (RKCL)	6.4	6.7	4.7	5.7	4.3	5.8	7.1	3.7	5.2	6.4	4.2	6.0	4.7	8.0	4.6	6.4	5.6
FIRENZA	6.3	6.8	5.1	7.0	4.6	5.7	6.6	3.3	5.2	5.7	6.0	6.4	5.2	7.6	4.7	6.6	5.6
PADRE	6.3	6.8	4.3	6.7	4.0	5.6	6.3	3.4	6.1	5.7	4.7	6.3	5.8	7.8	4.4	6.4	5.6
BULLSEYE	6.4	6.0	4.5	7.0	4.8	5.8	6.9	4.3	4.6	5.0	5.7	6.2	5.1	7.8	4.4	7.2	5.5
FIRECRACKER LS (MVS-MST)	6.4	5.5	4.9	7.3	3.7	5.7	7.6	4.5	4.7	6.0	5.8	6.7	4.2	7.8	4.3	6.3	5.5
MONET (LTP-610 CL)	6.4	5.7	4.3	7.3	3.8	6.0	7.1	4.3	5.4	6.1	6.8	5.7	4.7	7.7	4.0	6.0	5.5
BRAVEHEART (DP 50-9407)	6.4	6.1	5.3	5.3	4.2	5.8	7.8	4.5	4.9	5.2	6.3	6.1	4.4	7.6	4.3	6.3	5.5
NINJA 3 (ATF 1247)	6.3	6.2	4.3	6.3	3.8	5.7	5.9	4.5	4.8	5.1	6.5	6.2	5.3	7.9	4.8	7.0	5.5
ARISTOTLE	6.8	5.1	4.8	5.7	4.1	5.7	6.2	4.0	5.6	5.2	6.5	5.9	6.0	7.7	5.0	7.0	5.5
TITANIUM LS (MVS-BB-1)	6.5	5.8	4.9	7.3	3.6	6.1	6.1	4.1	5.6	5.8	5.5	5.7	4.3	7.8	4.5	7.2	5.5
TURBO	6.6	6.1	4.8	5.7	4.7	5.6	6.8	4.2	4.5	6.0	6.0	5.9	4.9	8.0	4.5	6.6	5.5
HEMI	6.3	6.4	4.5	5.7	4.8	5.6	6.3	4.6	4.2	5.9	7.0	5.9	4.3	7.7	4.6	6.4	5.5
MVS-341	6.1	6.3	4.6	6.3	4.7	5.4	6.7	4.3	4.7	5.3	5.5	5.9	5.1	8.0	4.3	6.9	5.5
HONKY TONK (RAD-TF17)	6.2	6.7	5.1	5.3	5.2	5.7	7.1	3.7	4.1	5.1	5.2	6.1	4.8	8.3	4.0	7.2	5.5
SR 8650 (STR-8LMM)	6.4	5.2	4.8	6.0	3.3	5.5	7.0	4.5	4.5	4.2	7.3	5.8	4.8	8.2	4.9	7.1	5.5
RK 4	6.3	6.0	4.3	6.0	5.3	5.7	6.4	4.1	4.9	5.7	5.8	6.0	4.8	7.8	4.3	6.7	5.5

TABLE 16. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
 2007-11 DATA

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

NAME	IA1	IL1	KS2	KY1	MN1	MS1	NC1	NE1	NJ1	NJ2	NM1	PA1	RI1	TX1	UT1	WI1	MEAN
SILVERADO	6.3	5.3	4.3	4.3	3.7	5.8	6.0	4.1	5.7	6.0	6.7	6.1	5.2	7.5	4.7	6.3	5.5
PLATO	6.5	6.3	4.6	5.7	4.0	5.6	5.0	4.3	5.4	5.4	5.7	5.4	5.7	7.5	4.8	6.9	5.5
SHENANDOAH ELITE (RK 6)	6.7	6.0	5.2	7.0	4.0	5.8	6.3	4.3	4.5	5.6	3.8	6.3	4.5	8.0	4.1	6.8	5.5
TURBO RZ (BURL-TF8)	6.6	6.2	4.7	6.0	4.3	5.5	6.6	4.5	4.7	4.9	4.5	6.1	4.8	8.1	4.3	7.0	5.4
BILTMORE	6.3	5.3	4.8	5.7	3.8	5.4	6.4	4.1	5.4	3.9	6.0	5.4	5.4	8.0	4.9	6.7	5.4
LS 1010 (ATF 1328)	6.1	6.2	4.8	5.7	4.1	5.5	6.6	4.5	3.8	4.8	7.5	6.0	4.9	8.3	4.1	6.6	5.4
J-130	6.3	6.6	4.4	6.0	4.3	5.5	6.7	4.9	3.9	4.3	6.2	5.8	4.6	8.2	4.3	7.2	5.4
BLADE RUNNER II (PSG-85QR)	6.3	6.6	4.6	7.3	4.1	5.8	6.3	4.5	4.7	5.6	4.8	6.1	4.5	7.9	4.3	6.4	5.4
AST 7002	6.3	6.5	4.3	6.0	4.0	5.6	7.0	5.3	4.1	4.6	5.5	6.1	4.0	7.9	4.8	7.2	5.4
ESSENTIAL (IS-TF-154)	6.4	4.6	4.9	8.0	4.2	5.8	6.9	3.9	5.2	5.3	6.2	6.4	4.6	7.5	3.9	7.2	5.4
STETSON II (NA-SS)	6.2	6.0	4.8	6.3	4.0	5.6	5.6	4.6	4.2	4.8	5.8	5.1	5.0	8.5	4.7	6.7	5.4
PATAGONIA (GWTF)	6.4	6.1	4.8	6.0	4.2	5.4	7.0	5.1	3.5	4.1	5.8	5.8	4.3	8.6	4.6	6.8	5.4
GUARDIAN 41 (STR-8BB5)	6.3	4.2	4.6	6.3	4.8	5.6	6.6	5.1	4.5	5.4	6.3	5.7	4.6	7.8	4.1	6.9	5.4
CORONA (COL-M)	6.3	6.1	5.0	5.7	3.9	5.5	6.6	4.7	3.7	3.6	6.0	5.6	4.8	8.4	4.3	7.6	5.4
LINDBERGH	6.4	5.6	4.8	5.0	4.6	5.6	5.9	3.9	4.7	5.8	6.3	5.6	4.8	7.9	4.9	6.6	5.4
MAGELLAN	6.2	6.0	4.4	5.7	4.1	5.5	6.7	3.9	4.9	5.2	6.5	6.1	5.0	7.8	4.4	6.6	5.4
FINELAWN XPRESS (RP 2)	6.5	5.7	5.0	6.7	3.7	5.7	6.1	3.9	4.8	6.6	4.7	6.0	4.8	7.8	4.4	6.8	5.4
GARRISON (IS-TF-153)	6.3	5.6	4.3	6.7	4.3	5.7	7.2	4.3	4.7	5.1	6.3	6.0	4.4	8.0	4.1	6.7	5.4
SPYDER LS (Z-2000)	6.2	5.3	4.3	5.7	4.1	5.7	7.8	4.1	4.2	5.1	4.3	6.1	5.5	8.1	4.4	6.7	5.4
PEDIGREE (ATF-1199)	6.5	6.3	4.4	6.0	4.1	5.7	6.7	3.9	4.3	5.6	7.3	5.8	4.5	7.8	4.4	7.2	5.4
GE-1	6.3	5.2	4.4	7.0	4.2	6.0	6.3	4.3	4.8	4.9	6.7	5.7	5.0	7.7	4.6	6.3	5.4
HUDSON (DKS)	6.3	6.2	4.3	5.7	4.0	5.5	6.6	4.9	3.8	3.7	6.7	5.7	5.0	8.3	4.4	7.4	5.4
CROSSFIRE 3 (COL-J)	6.0	5.7	4.9	5.3	4.3	5.4	6.6	3.9	3.4	4.1	5.8	5.8	5.3	8.5	5.2	7.1	5.4
TITAN RX (PSG-TTST)	6.4	5.9	4.8	5.7	4.3	5.4	5.2	4.4	5.3	5.1	4.8	5.7	5.3	7.5	4.4	6.3	5.4
RNP	6.3	6.8	4.2	5.3	4.3	5.3	7.2	4.3	3.9	4.6	4.7	5.4	4.3	8.5	4.8	7.2	5.4
AST9001 (AST-3)	6.3	5.9	4.4	6.0	4.7	5.3	6.9	4.8	4.1	3.9	5.7	5.3	4.5	8.2	4.8	6.7	5.4
UMBRELLA (DP 50-9411)	6.2	5.8	4.7	7.0	4.3	5.7	6.4	4.4	4.0	5.0	6.7	5.9	4.1	8.2	4.4	6.7	5.4
06-WALK	6.3	5.6	4.6	5.7	4.0	5.5	6.4	4.1	4.6	4.3	6.2	5.6	4.7	8.0	5.1	6.6	5.3
BAR FA 6363	6.3	6.2	4.4	4.3	4.8	5.5	7.1	4.1	3.9	5.2	6.2	5.1	4.8	8.3	4.4	6.3	5.3
RENOVATE (LS-11)	6.3	6.6	4.7	5.3	3.8	5.5	6.3	4.3	3.0	4.2	6.0	6.4	4.9	8.2	4.6	7.2	5.3
REUNION (LS-03)	6.2	6.3	4.6	5.7	4.2	5.4	6.9	4.9	3.7	3.9	5.0	5.8	4.8	8.2	4.3	7.1	5.3
XTREMEGREEN (BGR-TF2)	6.3	6.8	4.7	7.0	3.4	5.7	7.2	4.5	3.1	4.8	6.3	5.1	4.5	8.3	4.3	6.8	5.3
TULSA TIME (TULSA III)	6.3	5.4	4.8	8.0	4.8	5.5	6.0	4.1	3.9	4.3	5.5	5.3	4.4	8.3	4.5	7.2	5.3
COMPETE (LS-06)	6.5	6.4	4.7	5.3	3.8	5.3	6.2	4.4	3.9	4.6	5.0	5.7	4.8	8.3	4.8	7.0	5.3
JAMBOREE (IS-TF-128)	6.3	6.2	4.3	7.0	3.6	5.8	6.2	4.3	3.9	5.7	5.0	6.4	4.7	7.7	3.8	6.7	5.3
AST7003	6.5	6.6	4.7	6.7	3.3	5.4	6.9	3.9	3.7	4.0	5.8	5.3	5.1	8.5	4.7	6.6	5.3
TALLADEGA (RP 3)	6.6	5.8	4.9	5.3	3.6	5.7	6.6	4.6	4.1	4.6	4.3	5.3	4.3	8.4	4.3	6.8	5.3
AST9002 (AST-2)	6.5	6.0	4.8	5.7	4.0	5.6	6.6	4.7	3.5	3.3	5.3	5.8	4.6	8.5	4.4	6.6	5.3
HUNTER	6.0	6.6	5.2	6.7	4.8	5.3	6.2	3.7	3.5	3.4	4.7	5.8	4.5	8.5	5.3	6.8	5.2
GOLD MEDALLION (KZ-1)	6.6	6.2	4.3	6.7	3.6	5.3	6.8	4.3	3.8	3.9	5.7	5.8	4.5	7.9	4.8	6.9	5.2
SKYLINE	6.5	5.8	4.3	5.0	4.7	5.4	6.3	4.5	3.3	4.4	6.5	5.8	4.3	7.8	4.5	6.8	5.2
0312	6.5	6.3	4.8	7.3	4.1	5.5	5.7	4.3	3.4	4.0	5.5	5.7	4.2	8.3	4.2	6.7	5.2
ROCKET (IS-TF-147)	6.5	6.7	4.3	6.3	4.1	5.6	6.9	4.3	3.8	4.1	6.0	6.1	3.4	8.1	4.0	6.1	5.2
INTEGRITY (BGR-TF1)	6.3	5.3	4.4	6.0	4.1	5.1	6.2	4.5	3.9	4.0	5.5	5.1	4.4	8.1	4.3	7.1	5.2
DARLINGTON (CS-TF1)	6.1	6.9	4.4	4.7	3.3	5.5	6.9	4.7	3.5	4.1	5.7	5.0	4.3	8.5	4.4	6.2	5.2
FAT CAT (IS-TF-161)	6.3	6.0	4.3	6.7	5.0	5.7	6.3	4.3	3.1	4.4	6.3	5.1	4.5	7.8	4.0	6.8	5.2
AST9003 (AST-1)	6.5	6.2	4.5	7.3	3.1	5.3	6.1	4.1	3.2	3.9	4.3	5.4	5.2	8.4	4.4	7.1	5.2

TABLE 16. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
 2007-11 DATA

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

NAME	IA1	IL1	KS2	KY1	MN1	MS1	NC1	NE1	NJ1	NJ2	NM1	PA1	RI1	TX1	UT1	WI1	MEAN
GAZELLE II (PST-5HP)	6.6	6.3	4.7	7.0	4.0	5.8	6.2	4.1	4.3	3.9	4.7	5.9	3.8	7.7	3.7	6.4	5.2
CANNAVARO (DP 50-9440)	6.3	5.1	4.2	4.3	3.3	5.4	6.4	5.1	3.6	5.6	4.5	5.7	4.8	7.6	3.7	6.2	5.1
SUNSET GOLD (KZ-2)	6.1	5.9	4.5	6.0	3.6	5.4	6.2	4.7	3.3	3.0	5.7	5.1	4.7	8.6	4.1	6.8	5.1
TITAN ULTRA (PSG-TTRH)	6.7	6.2	4.9	4.3	3.9	5.2	5.1	4.1	3.4	4.6	4.3	5.0	4.3	8.0	4.9	7.3	5.1
COL-1	6.4	5.5	4.6	6.7	3.4	5.4	6.2	4.3	3.7	3.9	4.7	5.4	4.4	8.3	4.1	6.8	5.1
JT-42	6.4	6.0	3.9	5.0	3.8	5.5	6.9	4.6	3.5	3.7	5.5	4.8	4.3	7.8	4.1	6.4	5.1
TAHOE II	6.3	6.4	4.6	5.3	3.6	5.2	6.6	4.1	3.3	3.8	5.8	5.6	4.0	8.5	4.3	6.6	5.1
AST1001 (AST-4)	6.1	7.1	4.7	5.7	3.6	5.1	5.9	3.2	3.1	3.6	5.2	5.0	4.8	8.5	4.7	6.6	5.1
TANZANIA (IS-TF-159)	6.3	5.7	4.4	6.7	3.9	5.4	6.9	4.0	2.9	4.7	5.7	5.2	4.3	8.2	4.4	6.7	5.1
AST 7001	6.3	6.4	4.7	5.0	3.0	5.5	6.7	4.5	3.3	3.6	5.3	5.3	3.9	8.2	4.4	6.6	5.1
JT-36	6.0	5.8	4.2	5.0	3.8	5.3	6.2	3.9	3.5	3.7	5.8	5.2	3.7	8.0	5.0	6.3	5.0
KY-41 (JT-41)	6.3	5.3	4.4	5.0	3.8	5.1	6.1	4.0	3.4	4.2	5.8	5.1	3.6	7.8	4.4	6.8	5.0
JT-45	6.3	5.5	4.3	5.7	3.4	5.3	6.3	4.5	3.5	4.1	4.8	5.1	3.9	8.1	4.6	6.3	5.0
TOCCOA (IS-TF-151)	5.9	5.2	4.2	5.0	4.1	5.1	6.7	4.3	2.0	4.1	6.0	5.6	4.2	8.3	4.6	6.7	5.0
JT-33	6.1	5.3	4.4	4.3	4.1	5.3	5.8	4.3	3.2	4.2	4.8	5.0	3.9	8.1	4.5	6.3	5.0
RAPTOR II (MVS-TF-158)	6.3	5.9	4.5	5.3	3.3	5.5	6.8	4.2	2.7	3.7	5.0	4.7	3.4	8.2	4.3	6.1	5.0
RENDITION RX (PSG-RNDR)	6.2	5.3	4.0	5.3	4.4	4.7	5.2	4.3	3.0	4.1	5.3	5.1	4.3	8.3	4.3	6.9	4.9
TERRIER (IS-TF-135)	6.3	6.7	4.1	6.3	3.7	5.0	5.7	3.5	2.2	3.7	5.5	4.8	3.8	8.0	4.0	6.2	4.8
SIDEWINDER (IS-TF-138)	6.3	4.8	4.8	5.7	4.6	5.3	6.0	4.1	1.4	3.8	4.0	5.2	4.2	7.8	3.6	6.6	4.8
TRIO (IS-TF-152)	5.9	5.3	3.8	5.3	4.0	5.0	5.7	4.0	2.1	4.0	5.5	4.9	3.8	7.8	4.0	6.7	4.7
LSD VALUE	0.9	1.8	1.5	2.0	1.9	0.6	1.7	1.7	1.9	1.6	2.9	1.4	1.5	0.9	1.5	1.7	0.5
C.V. (%)	9.2	18.2	20.3	20.1	28.0	7.3	16.7	25.1	27.3	20.6	37.2	15.1	20.7	6.8	21.1	17.2	18.4

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 17.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	KY1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
CANNAVARO (DP 50-9440)	5.9	7.2	5.3	7.3	6.5	6.5	6.6	6.9	7.0	7.6	7.3	9.0	7.2	8.3	5.9	4.3	7.0	6.3	6.7	5.6	7.5	6.7
LS 1200 (SC-1)	6.0	7.6	5.2	7.3	7.3	5.8	6.8	6.9	6.8	7.7	7.0	8.0	6.8	7.5	5.8	4.3	6.8	6.3	6.5	5.7	7.8	6.7
COCHISE IV (RKCL)	6.1	7.3	5.6	6.8	6.7	6.7	7.2	6.5	6.7	7.4	6.7	7.7	6.8	8.2	5.4	4.0	6.8	5.9	6.2	5.5	8.3	6.6
FALCON V (ATM)	5.8	7.2	5.0	7.0	6.7	6.3	7.0	7.0	6.6	7.9	7.0	8.0	7.3	8.0	6.1	4.3	6.5	5.7	6.3	5.3	7.7	6.5
FIRECRACKER LS (MVS-MST)	5.8	7.2	5.6	7.2	6.7	7.0	6.5	6.7	6.7	7.7	7.3	8.3	6.8	8.1	5.7	4.3	6.6	5.9	5.7	5.3	7.8	6.5
RK 5	5.9	7.3	5.5	6.9	6.5	6.7	7.1	6.4	6.6	7.6	7.0	9.0	7.2	7.8	5.6	4.0	6.7	5.4	6.5	5.2	8.0	6.5
MONET (LTP-610 CL)	5.8	7.2	5.6	7.1	6.3	6.8	6.5	6.3	6.9	7.5	7.0	8.3	6.8	7.8	5.6	4.3	6.5	6.1	6.5	5.2	7.7	6.4
FAITH (K06-WA)	5.9	7.3	5.7	6.6	6.2	6.3	6.8	6.5	6.7	7.7	7.0	8.3	6.8	7.9	5.7	4.3	6.3	6.1	6.2	5.1	7.6	6.4
RK 4	5.9	6.8	5.3	6.7	6.0	5.8	6.9	6.5	6.6	7.1	7.0	8.0	6.7	7.4	5.1	4.3	6.7	6.0	5.8	5.3	7.7	6.4
BULLSEYE	5.8	7.1	5.1	7.0	6.0	6.7	6.8	6.4	6.7	7.3	7.0	8.7	6.7	7.5	6.3	4.0	6.4	6.0	6.8	5.0	7.9	6.3
SHENANDOAH III (SH 3)	5.3	6.9	5.2	6.7	6.7	5.7	6.8	6.7	6.6	7.5	7.0	8.3	6.1	8.0	5.6	4.3	6.7	5.9	6.7	5.3	7.3	6.3
CATALYST (NA-BT-1)	5.3	7.3	5.3	7.4	6.2	5.7	6.0	6.9	6.7	7.7	7.3	8.3	6.6	7.9	4.8	4.3	6.8	6.0	6.5	5.0	7.7	6.3
ESSENTIAL (IS-TF-154)	5.9	7.1	5.3	6.9	5.8	6.0	7.0	6.5	6.5	7.4	7.0	8.0	6.3	8.3	5.7	4.0	6.7	5.9	6.0	5.1	7.9	6.3
JAMBOREE (IS-TF-128)	5.3	6.8	5.2	6.8	6.0	5.5	6.7	6.4	6.7	7.1	6.3	8.0	6.5	7.3	6.0	5.0	6.1	5.8	6.2	5.1	7.8	6.3
TURBO	5.3	6.8	5.4	7.4	5.8	6.3	6.8	6.2	6.7	7.3	6.7	8.3	6.5	7.4	5.2	4.0	6.4	5.7	6.5	5.0	7.7	6.3
TRAVERSE SRP (RK-1)	5.3	6.9	5.6	7.3	6.3	5.2	6.0	6.7	6.3	7.5	6.7	8.0	6.3	7.2	5.6	4.3	6.5	5.8	6.2	5.2	7.5	6.2
TANZANIA (IS-TF-159)	4.5	7.1	5.1	6.9	6.0	5.7	5.9	6.6	6.3	7.0	7.0	9.0	6.3	7.5	4.8	4.3	6.6	5.9	5.5	5.3	7.3	6.2
TRIO (IS-TF-152)	5.4	6.8	5.1	6.3	5.5	6.2	6.7	6.5	6.7	6.5	7.0	6.7	6.1	6.7	4.9	4.0	6.7	5.9	6.3	5.5	7.6	6.2
RHAMBLER SRP (RHAMBLER)	4.8	7.0	5.3	6.8	5.8	6.5	5.8	5.9	6.5	7.8	6.7	8.7	6.7	7.6	5.9	4.3	6.7	5.5	6.3	5.2	7.5	6.2
SIDEWINDER (IS-TF-138)	5.0	6.6	5.4	6.8	6.5	6.3	6.4	6.4	6.4	6.9	7.0	8.3	5.8	7.1	5.3	4.3	6.6	6.0	6.0	5.2	7.3	6.2
SHENANDOAH ELITE (RK 6)	5.6	7.0	5.2	6.6	6.2	6.5	6.5	6.3	6.5	7.0	7.0	7.7	6.1	7.7	5.8	4.3	6.4	5.7	6.7	5.3	7.8	6.2
TOCCOA (IS-TF-151)	4.8	6.4	5.3	6.6	6.0	6.3	6.4	6.4	6.5	6.9	6.7	6.7	5.7	6.8	5.2	4.7	6.3	6.0	5.3	5.0	7.8	6.2
HEMI	5.4	6.8	5.5	6.6	5.3	5.0	6.8	6.3	6.7	7.0	6.7	7.3	6.7	7.5	5.8	5.0	6.1	5.7	6.0	5.1	6.8	6.2
GREENBROOKS (TG 50-9460)	4.9	6.5	5.6	6.6	5.7	5.0	6.2	5.9	6.6	7.1	6.7	7.0	5.8	7.8	5.8	4.7	6.1	5.8	6.2	5.1	7.8	6.2
FINELAWN XPRESS (RP 2)	5.8	6.7	5.7	6.7	6.0	6.3	5.9	6.3	6.5	7.1	7.0	6.7	5.8	7.0	5.6	4.0	6.6	5.9	6.5	5.0	6.8	6.1
VAN GOGH (LTP-RK2)	5.5	6.9	5.7	6.5	5.8	6.2	6.8	6.2	6.3	7.2	7.0	8.0	6.3	7.6	5.6	4.7	6.5	5.7	5.7	4.8	8.0	6.1
MUSTANG 4 (M4)	5.8	7.0	4.8	6.6	6.3	5.7	6.0	6.3	6.5	6.9	7.0	7.7	6.0	7.5	5.2	4.7	6.6	5.7	6.3	4.8	8.0	6.1
FAT CAT (IS-TF-161)	5.2	6.5	5.5	6.8	5.5	5.5	6.3	6.4	6.5	7.1	7.0	5.7	5.9	6.6	5.0	4.3	6.3	5.9	5.7	5.1	7.4	6.1
TERRIER (IS-TF-135)	5.6	6.8	5.1	6.8	5.7	6.8	6.3	6.5	6.5	6.5	6.7	5.7	6.1	6.4	5.1	5.0	6.2	5.9	6.3	4.9	7.6	6.1
WOLFPACK II (PST-5WMB)	5.0	7.2	5.2	6.4	6.2	5.7	6.3	6.4	6.5	7.6	7.0	9.0	6.1	7.4	5.4	4.0	6.5	5.5	6.3	4.8	7.8	6.1
RAPTOR II (MVS-TF-158)	5.2	6.8	4.7	6.8	5.7	5.5	6.5	6.3	6.4	6.9	7.0	8.0	6.3	6.8	4.9	4.0	6.4	5.9	6.0	4.8	7.6	6.1
3RD MILLENNIUM SRP	5.3	6.7	5.3	6.4	5.5	5.2	6.3	6.3	6.5	7.1	6.7	7.0	5.6	6.8	4.4	4.7	6.7	5.9	6.0	4.9	7.7	6.1
TULSA TIME (TULSA III)	4.4	6.4	5.5	6.5	6.0	5.8	6.4	6.7	6.5	6.6	6.3	7.3	6.1	6.3	5.3	4.7	6.5	5.5	5.3	4.8	7.3	6.1
ROCKET (IS-TF-147)	5.3	6.7	5.3	6.6	5.5	6.3	6.5	6.3	6.3	6.7	7.0	7.7	5.5	6.7	5.3	4.7	6.3	5.6	6.0	4.8	7.6	6.1
SPYDER LS (Z-2000)	4.4	6.8	5.2	6.6	5.7	5.3	6.3	6.2	6.5	6.8	7.0	6.3	5.8	7.0	5.7	4.7	6.4	5.7	6.3	4.9	7.5	6.0
TALLADEGA (RP 3)	5.3	6.8	5.3	6.5	5.8	6.0	6.0	6.1	6.3	6.6	7.0	6.7	6.3	6.8	5.0	4.3	6.3	5.6	6.7	4.8	7.4	6.0
GARRISON (IS-TF-153)	4.9	6.6	5.2	6.4	5.5	4.8	5.9	6.3	6.5	6.9	7.0	8.0	5.9	7.2	5.1	4.3	6.2	5.9	6.0	5.0	7.7	6.0
SPEEDWAY (STR-8BPD)	5.5	6.7	5.6	6.7	5.7	5.8	6.5	5.6	6.3	7.5	7.0	8.3	6.8	7.1	4.9	4.7	6.5	5.6	5.8	4.8	7.1	6.0
FIRENZA	4.8	6.9	5.4	6.5	6.0	6.3	6.8	6.3	6.3	6.7	6.0	7.3	6.3	7.1	5.9	4.3	6.3	5.5	6.3	4.9	7.6	6.0
VENTURE (J-140)	4.7	6.4	5.4	6.6	5.8	5.8	6.3	6.4	6.5	7.2	7.0	8.0	5.8	7.5	4.2	4.7	6.5	5.8	6.2	4.8	6.8	6.0
GAZELLE II (PST-5HP)	4.7	6.5	5.6	6.7	5.7	5.8	5.9	6.3	6.5	7.3	6.7	7.7	5.6	6.8	4.8	5.0	6.5	5.7	6.0	4.8	7.1	6.0
INTEGRITY (BGR-TF1)	4.8	6.4	5.3	6.3	5.3	5.8	6.2	6.1	6.3	6.5	7.0	5.3	5.3	6.3	4.3	5.0	5.9	5.8	6.3	5.3	6.9	6.0
BAR FA 6253	4.8	6.4	5.2	6.1	5.3	6.7	5.8	6.1	6.5	6.5	7.0	5.7	5.3	6.8	5.1	4.3	6.3	5.7	6.3	5.0	7.0	6.0
UMBRELLA (DP 50-9411)	4.7	6.2	5.4	5.9	5.3	4.8	6.0	6.1	6.3	6.8	7.0	6.3	5.6	6.4	5.0	4.7	6.1	5.6	5.7	5.2	7.2	6.0
CORONA (COL-M)	5.2	6.7	5.4	6.8	5.5	7.0	6.5	6.1	6.4	6.5	6.7	5.7	5.0	6.5	4.3	5.0	5.9	5.6	5.8	5.0	7.5	5.9
GUARDIAN 41 (STR-8BB5)	4.5	6.5	5.5	6.3	5.8	5.3	6.4	6.1	6.4	7.4	6.7	7.3	5.2	6.8	5.0	5.0	6.2	5.6	6.3	4.8	7.4	5.9

TABLE 17. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	KY1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
AST1001 (AST-4)	4.5	6.2	5.3	6.8	5.5	5.7	6.2	6.3	6.4	5.6	6.7	4.3	5.3	6.3	4.9	4.3	6.3	5.9	5.7	5.2	6.8	5.9
XTREMEGREEN (BGR-TF2)	4.5	6.5	5.7	6.9	5.5	5.5	5.9	6.2	6.5	6.3	6.7	4.7	5.6	6.2	4.6	4.7	6.1	5.9	5.3	4.9	7.3	5.9
RNP	4.6	6.4	5.3	6.3	5.2	5.5	6.8	6.3	6.3	6.0	6.7	5.3	5.5	6.3	3.8	4.7	6.4	6.3	5.7	5.2	7.3	5.9
AST9001 (AST-3)	4.5	6.2	5.5	6.3	5.3	5.5	6.5	6.1	6.3	6.3	6.7	5.7	4.9	6.5	4.3	4.3	6.5	6.0	5.5	5.0	7.3	5.9
COL-1	4.9	6.5	5.3	6.3	5.5	5.3	5.9	6.3	6.3	6.3	6.3	6.3	5.2	6.2	3.8	4.7	6.0	5.7	5.7	5.2	7.3	5.9
AST9002 (AST-2)	4.3	6.8	5.6	6.6	5.8	4.8	6.2	6.3	6.4	6.3	6.3	4.7	4.6	6.6	4.3	5.0	6.3	5.9	6.0	5.1	6.8	5.9
KY-41 (JT-41)	5.4	6.8	5.3	6.3	5.5	6.2	6.1	6.3	6.3	6.7	6.7	6.0	5.5	6.3	4.7	4.3	6.3	5.7	5.7	4.8	7.2	5.9
JT-45	4.8	6.7	5.4	6.6	5.5	5.7	5.8	6.1	6.2	6.7	6.7	6.7	5.3	6.4	4.6	4.7	6.3	5.7	5.8	4.9	7.1	5.9
FALCON NG (CE 1)	4.6	6.7	5.5	6.6	5.8	5.7	6.1	5.9	6.2	7.3	6.0	6.7	6.1	6.8	5.0	4.3	6.1	6.1	5.3	4.8	7.5	5.9
CROSSFIRE 3 (COL-J)	4.8	6.2	5.0	6.6	5.5	5.7	6.1	6.3	6.5	6.1	6.7	5.3	5.2	6.6	4.3	4.3	6.3	5.9	5.5	4.9	7.3	5.9
CEZANNE RZ (LTP-CRL)	5.1	6.3	5.5	6.3	5.5	5.0	6.1	6.1	6.2	7.0	6.7	7.0	5.3	6.4	4.7	4.7	6.3	5.5	5.8	4.8	7.3	5.9
TITANIUM LS (MVS-BB-1)	4.7	7.1	5.3	6.4	5.5	5.0	5.9	6.3	6.3	6.6	7.0	7.3	5.5	7.1	4.8	4.7	6.3	5.5	5.3	4.8	6.4	5.9
PSG-82BR	5.3	6.3	5.4	6.3	5.8	5.3	6.0	6.1	6.4	6.9	7.0	6.7	5.2	6.8	5.1	4.3	6.3	5.3	5.8	5.0	7.3	5.9
COMPETE (LS-06)	4.5	6.7	5.4	6.3	5.3	5.5	6.3	6.3	6.5	6.4	7.0	5.3	5.2	6.5	4.0	4.3	6.1	6.0	5.8	4.9	7.0	5.9
AST9003 (AST-1)	4.9	6.3	5.5	6.8	5.8	5.8	5.9	6.0	6.3	5.9	6.7	5.3	5.2	6.7	3.8	4.7	6.3	5.9	6.2	4.8	7.2	5.9
0312	5.1	6.8	4.8	6.3	5.7	5.2	6.0	6.5	6.3	5.6	7.0	3.7	5.6	6.4	4.1	4.3	5.8	5.5	5.2	5.1	7.8	5.8
LS 1010 (ATF 1328)	5.2	6.1	5.1	6.8	5.5	4.5	5.9	6.2	6.3	6.0	6.7	6.7	5.3	6.0	5.1	5.0	6.2	5.4	6.0	4.8	6.9	5.8
RENOVATE (LS-11)	5.2	6.3	4.7	6.3	5.7	5.2	5.9	6.2	6.4	6.3	6.7	5.7	5.6	5.9	4.3	4.3	6.1	5.7	5.5	5.3	6.8	5.8
J-130	4.6	6.3	5.3	6.0	5.3	4.7	6.2	5.9	6.4	6.8	6.7	5.3	5.6	6.5	4.6	4.3	6.4	5.7	6.0	4.8	7.1	5.8
GOLD MEDALLION (KZ-1)	4.8	6.6	5.2	6.1	4.8	6.0	6.1	6.5	6.3	6.4	7.0	5.7	5.3	6.4	4.2	4.7	6.1	5.7	5.8	4.7	7.2	5.8
BLADE RUNNER II (PSG-85QR)	4.9	6.5	5.2	6.4	5.5	5.2	5.7	6.0	6.2	7.0	6.7	7.0	5.5	7.0	4.9	4.7	6.1	5.4	5.8	4.8	7.3	5.8
ESCALADE	4.9	6.3	4.8	6.2	5.7	5.3	5.8	6.1	6.2	6.5	6.7	6.7	5.2	6.6	4.7	4.7	6.3	5.3	6.2	5.0	7.4	5.8
JT-33	5.1	6.3	5.1	6.5	5.7	5.2	6.0	6.1	6.3	6.3	7.3	5.3	4.9	6.3	4.3	4.7	6.1	5.7	5.7	4.8	7.4	5.8
JT-36	4.8	6.4	5.6	6.7	5.2	5.5	6.0	5.9	6.4	6.1	6.7	5.7	5.5	6.6	4.7	5.0	6.3	5.9	5.8	4.8	7.1	5.8
PATAGONIA (GWTF)	4.8	6.3	5.3	6.5	5.7	5.2	6.0	6.2	6.3	6.7	7.0	5.0	5.1	6.1	4.6	4.3	6.2	5.9	5.8	4.7	6.7	5.8
BRAVEHEART (DP 50-9407)	4.6	6.7	4.6	5.9	5.8	5.3	5.8	6.1	6.4	7.1	7.0	6.7	6.0	6.9	5.1	4.7	6.4	5.3	6.2	4.6	7.3	5.8
DARLINGTON (CS-TF1)	4.4	6.3	5.3	6.6	5.3	5.3	6.0	6.1	6.3	6.1	7.0	4.7	5.3	6.5	3.9	4.7	6.1	6.2	5.7	4.9	6.9	5.8
REUNION (LS-03)	4.1	6.3	5.1	6.4	5.8	5.3	6.3	6.2	6.3	6.2	7.0	6.7	5.4	6.3	4.1	4.3	6.3	5.9	5.7	4.8	6.6	5.8
AST7003	4.3	6.1	5.0	6.7	5.7	5.8	5.8	6.1	6.4	6.3	6.7	5.0	4.7	6.3	3.7	5.0	6.1	5.8	5.5	5.0	7.0	5.8
HUDSON (DKS)	4.5	6.6	5.7	6.8	5.3	5.0	6.1	6.2	6.4	6.3	6.3	4.7	4.6	6.6	4.3	5.0	6.0	5.7	6.0	4.8	6.8	5.8
SR 8650 (STR-8LMM)	4.2	6.3	5.5	6.3	5.2	5.5	5.1	6.1	6.3	6.4	6.7	6.3	5.8	6.5	5.1	4.7	6.1	5.5	5.8	4.9	6.7	5.8
JUSTICE	4.8	6.2	5.1	6.5	5.7	5.0	5.8	6.0	6.2	7.0	6.7	5.7	5.3	6.3	4.8	4.7	6.1	5.3	5.8	4.8	6.9	5.8
GE-1	4.5	6.5	5.2	5.8	5.2	4.2	5.3	5.7	6.1	6.7	6.7	6.7	5.5	5.9	4.4	4.7	6.3	5.4	5.3	4.8	6.8	5.8
AST 7002	4.5	6.4	5.4	6.3	5.2	5.5	5.8	6.1	6.5	6.4	6.3	5.0	5.3	6.3	4.1	4.7	6.2	5.5	5.7	4.6	6.8	5.8
SUNSET GOLD (KZ-2)	4.1	6.3	5.5	6.4	5.5	4.5	5.6	6.0	6.4	6.4	6.3	5.3	4.7	6.3	4.4	4.7	6.1	5.7	5.7	4.8	6.3	5.7
JT-42	4.9	6.3	5.3	6.5	5.2	5.2	6.0	5.9	6.3	6.5	7.0	5.3	5.3	6.1	4.6	4.7	6.2	5.5	5.5	4.6	6.8	5.7
HUNTER	4.7	6.3	5.2	6.3	5.7	4.3	5.5	6.0	6.2	6.2	6.3	4.3	4.7	6.1	3.7	4.7	6.3	5.7	5.3	4.8	6.6	5.7
FALCON IV	4.2	6.5	5.3	6.3	4.8	4.5	5.8	5.9	6.3	6.5	6.7	6.0	5.2	6.2	4.0	4.7	6.0	5.3	5.3	4.9	6.9	5.7
STR-8GRQR	4.7	6.5	5.1	6.1	5.5	5.3	5.8	6.1	6.3	6.5	6.7	5.3	4.8	6.7	4.7	4.3	5.9	5.3	5.2	4.6	7.0	5.7
06-DUST	4.4	6.1	5.6	6.1	5.7	4.5	5.8	6.1	6.3	6.5	6.3	5.3	4.2	6.4	4.1	4.3	6.1	5.3	6.2	4.4	6.9	5.6
TITAN ULTRA (PSG-TTRH)	4.8	6.4	5.4	6.7	5.3	6.3	5.8	6.3	6.3	6.0	7.0	4.3	5.5	6.1	3.9	4.0	5.7	5.6	5.5	4.7	5.6	5.6
NINJA 3 (ATF 1247)	4.5	6.1	5.3	5.7	5.0	5.0	5.9	5.8	6.3	6.1	6.0	6.3	5.1	5.9	4.4	4.3	5.9	5.6	5.8	4.8	6.9	5.6
REBEL IV	4.3	6.2	5.6	6.6	5.5	5.3	5.8	6.1	6.1	6.7	7.0	5.3	5.5	6.3	4.7	4.7	6.0	5.0	5.8	4.3	6.8	5.6
MVS-1107	4.8	6.7	5.4	6.3	5.7	5.2	5.8	5.7	6.3	6.6	6.3	6.7	5.0	6.3	4.1	4.3	6.2	5.5	5.3	4.4	6.6	5.6
PEDIGREE (ATF-1199)	4.3	6.4	5.6	6.4	5.3	5.2	5.7	5.4	6.3	6.7	6.3	5.7	4.8	6.1	4.3	5.0	6.1	5.1	5.5	4.7	6.8	5.6
STETSON II (NA-SS)	4.2	6.2	5.6	6.2	5.5	4.5	5.5	6.1	6.3	5.6	6.7	4.3	5.1	5.6	4.7	4.7	5.9	5.5	5.5	4.8	6.4	5.6
AST 7001	4.4	6.3	5.2	6.4	5.3	4.5	5.5	5.7	6.3	6.5	6.3	3.7	4.8	6.1	3.9	4.7	6.0	5.7	5.2	4.7	7.1	5.6

TABLE 17. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	IA1	IL1	IN1	KS2	KY1	MN1	MO1	MS1	NC1	NE1	NJ1	NJ2	PA1	RI1	TN1	TX1	UT1	VA1	WA3	WI1	MEAN
SKYLINE	4.5	6.3	5.1	5.8	5.2	4.5	5.3	6.0	6.3	6.5	6.0	5.7	5.1	5.8	4.9	4.7	6.3	5.4	5.7	4.4	7.0	5.5
TAHOE II	4.6	6.2	5.0	6.3	4.8	4.8	5.3	5.9	6.3	5.9	6.3	5.3	5.0	5.9	4.2	5.0	6.3	5.1	5.3	4.5	6.0	5.5
MVS-341	4.3	6.3	5.5	6.1	5.2	4.2	5.6	5.9	6.3	5.7	6.3	5.0	4.8	6.7	4.6	5.0	6.2	5.3	5.5	4.3	6.5	5.5
TURBO RZ (BURL-TF8)	4.0	6.4	5.4	6.1	5.5	4.2	6.3	5.7	6.2	6.3	6.7	5.0	4.4	6.5	4.6	5.0	5.9	5.1	5.3	4.0	6.2	5.4
LINDBERGH	4.5	5.8	5.6	6.0	5.2	4.5	5.4	5.9	6.1	6.1	6.3	5.0	4.3	6.1	4.3	4.7	5.9	5.1	5.3	4.3	6.3	5.4
HONKY TONK (RAD-TF17)	3.9	6.4	5.1	6.4	5.3	5.0	5.9	5.7	6.3	6.1	6.7	5.3	5.2	5.8	4.6	4.7	6.0	5.3	5.8	4.2	6.5	5.4
PADRE	4.3	6.2	5.2	5.8	4.8	4.0	6.0	5.9	6.3	5.9	6.3	4.7	4.5	6.2	3.9	4.7	6.0	4.9	4.7	4.5	6.8	5.4
RENDITION RX (PSG-RNDR)	4.1	6.1	5.1	6.1	4.8	5.5	5.3	5.8	6.2	5.5	6.0	3.3	4.3	5.8	3.2	4.7	6.2	5.2	6.2	4.5	6.9	5.4
REMBRANDT	3.8	6.2	5.3	5.8	4.8	4.7	5.5	5.5	6.2	6.6	6.0	5.0	4.2	5.9	3.8	5.0	5.9	4.9	6.2	4.5	6.3	5.4
PLATO	4.5	5.6	5.0	6.2	5.7	4.2	4.8	5.7	6.1	5.9	6.7	4.3	4.0	6.1	3.4	4.7	5.9	5.3	5.7	4.8	5.8	5.4
BAR FA 6363	4.1	6.1	5.4	6.2	4.7	4.3	5.4	6.1	6.1	5.5	6.3	4.0	4.7	4.9	4.2	4.7	5.9	5.2	5.7	4.5	6.6	5.4
EINSTEIN	3.8	6.1	4.9	6.0	5.3	5.5	5.3	5.7	6.0	6.0	6.0	4.3	4.6	5.8	3.3	5.0	5.9	5.2	5.0	4.3	6.3	5.3
MAGELLAN	4.3	5.8	5.2	5.8	4.8	3.5	5.5	5.8	6.3	5.9	6.0	4.7	4.6	5.8	3.9	4.7	5.8	5.1	6.0	4.2	6.2	5.3
TITAN RX (PSG-TTST)	4.2	6.1	5.5	5.8	5.3	5.5	4.7	5.7	6.1	5.9	6.0	4.7	4.3	4.9	4.1	5.0	6.1	4.8	5.3	4.3	5.7	5.3
O6-WALK	4.3	6.1	4.9	6.0	5.2	4.7	5.0	6.1	6.2	5.3	6.7	3.3	3.6	6.0	3.3	4.7	5.9	5.1	5.5	4.5	6.3	5.3
BILTMORE	3.4	6.3	5.3	6.1	4.7	4.0	5.0	5.6	6.1	5.5	6.0	4.3	3.9	5.8	4.2	4.7	6.1	5.2	5.7	4.2	5.9	5.3
ESCALANTE (GO-1BFD)	3.9	6.3	5.3	5.8	5.3	4.5	4.7	5.4	6.1	6.0	6.7	4.7	4.4	6.1	4.4	5.0	5.9	5.0	6.2	4.2	5.5	5.3
ARISTOTLE	3.8	5.6	4.9	5.3	4.7	4.0	4.5	5.6	6.0	5.3	6.0	3.0	4.0	4.9	3.4	4.7	5.8	4.7	4.5	4.2	6.3	5.0
SILVERADO	3.8	5.7	5.4	5.8	4.0	4.2	3.5	5.6	5.5	5.1	6.0	2.7	3.1	4.6	2.4	4.3	5.8	4.1	4.3	4.3	5.1	4.7
KY-31	3.2	4.5	2.1	3.1	3.5	2.8	1.2	3.3	4.1	3.1	4.3	1.0	1.9	1.9	1.3	7.3	4.6	2.9	4.5	2.8	2.3	3.2
LSD VALUE	1.3	0.8	1.2	0.9	1.0	1.4	1.2	0.9	0.6	1.2	0.7	1.6	1.7	1.0	1.3	0.8	0.9	0.9	1.3	1.0	1.4	0.4
C.V. (%)	18.0	7.7	13.9	9.1	10.7	15.7	12.7	9.0	6.3	11.5	6.7	15.7	19.7	9.3	16.9	10.8	8.6	10.3	13.3	13.4	12.8	11.5

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

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

TABLE 18.

SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	KY1	NJ1	PA1	MEAN	NAME	CA3	KY1	NJ1	PA1	MEAN
KY-31	5.0	7.3	8.3	8.7	7.3	BULLSEYE	2.7	6.3	6.7	6.3	5.5
SHENANDOAH III (SH 3)	5.0	6.3	7.3	8.3	6.8	FALCON IV	3.0	6.3	7.0	5.7	5.5
PLATO	4.7	6.3	7.3	8.3	6.7	FINELAWN XPRESS (RP 2)	2.3	6.7	7.3	5.7	5.5
3RD MILLENNIUM SRP	5.0	6.7	7.3	7.3	6.6	JUSTICE	3.3	6.3	5.7	6.7	5.5
FALCON V (ATM)	3.7	7.0	7.7	7.7	6.5	PATAGONIA (GWTF)	4.0	5.7	6.3	6.0	5.5
RK 5	4.0	6.7	7.0	8.0	6.4	PSG-82BR	2.7	6.0	7.3	6.0	5.5
MONET (LTP-610 CL)	5.0	6.0	7.3	7.3	6.4	AST9001 (AST-3)	3.0	5.7	7.0	6.0	5.4
FAITH (K06-WA)	3.7	7.0	7.3	7.3	6.3	VAN GOGH (LTP-RK2)	2.7	7.0	6.3	5.7	5.4
LINDBERGH	5.3	6.7	6.0	7.3	6.3	HONKY TONK (RAD-TF17)	3.7	6.3	5.3	6.3	5.4
RK 4	3.7	7.0	6.3	8.0	6.3	JAMBOREE (IS-TF-128)	3.0	6.3	6.0	6.3	5.4
WOLFPACK II (PST-5WMB)	4.0	6.7	7.3	7.0	6.3	ROCKET (IS-TF-147)	3.7	6.3	6.3	5.3	5.4
FIRENZA	3.7	6.7	7.3	7.0	6.2	AST7003	3.3	6.0	6.3	5.7	5.3
MAGELLAN	4.3	6.7	6.7	7.0	6.2	SKYLINE	3.0	6.0	6.7	5.7	5.3
REMBRANDT	3.7	6.7	8.0	6.3	6.2	FAT CAT (IS-TF-161)	3.0	6.3	6.0	6.0	5.3
COCHISE IV (RKCL)	3.7	7.0	7.0	7.0	6.2	HUDSON (DKS)	2.7	6.0	6.7	6.0	5.3
BRAVEHEART (DP 50-9407)	4.7	6.0	6.7	7.0	6.1	JT-33	3.7	5.0	7.0	5.7	5.3
KY-41 (JT-41)	3.3	7.0	7.0	7.0	6.1	SR 8650 (STR-8LMM)	3.3	5.3	6.3	6.3	5.3
REBEL IV	4.7	5.3	8.0	6.3	6.1	GUARDIAN 41 (STR-8BB5)	2.7	6.0	7.0	5.7	5.3
GE-1	4.0	6.7	6.7	6.7	6.0	TERRIER (IS-TF-135)	3.0	6.3	6.7	5.3	5.3
LS 1200 (SC-1)	3.7	6.0	7.7	6.7	6.0	UMBRELLA (DP 50-9411)	3.7	5.0	6.7	6.0	5.3
ESSENTIAL (IS-TF-154)	3.3	6.3	7.3	6.7	5.9	BAR FA 6253	3.0	6.0	6.7	5.3	5.3
PADRE	4.0	6.3	7.0	6.3	5.9	MUSTANG 4 (M4)	2.7	6.3	6.3	5.7	5.3
SHENANDOAH ELITE (RK 6)	3.3	6.3	7.0	7.0	5.9	NINJA 3 (ATF 1247)	3.3	6.7	5.7	5.3	5.3
SPYDER LS (Z-2000)	3.7	6.0	7.0	7.0	5.9	SPEEDWAY (STR-8BPDx)	3.7	6.0	6.0	5.3	5.3
ARISTOTLE	3.7	6.3	6.7	6.7	5.8	TURBO RZ (BURL-TF8)	3.0	5.7	6.0	6.3	5.3
BILTMORE	4.0	6.0	6.7	6.7	5.8	INTEGRITY (BGR-TF1)	3.0	6.3	5.3	6.3	5.3
JT-36	3.3	6.7	6.7	6.7	5.8	AST 7001	3.3	6.0	6.3	5.0	5.2
ESCALADE	4.0	6.0	7.3	6.0	5.8	CANNAVARO (DP 50-9440)	3.0	5.0	6.7	6.0	5.2
FIRECRACKER LS (MVS-MST)	3.3	6.3	8.0	5.7	5.8	J-130	2.3	5.7	6.7	6.0	5.2
TITAN RX (PSG-TTST)	3.3	6.3	7.0	6.7	5.8	RHAMBLER SRP (RHAMBLER)	3.0	5.3	6.7	5.7	5.2
06-DUST	3.0	6.0	7.7	6.3	5.8	RNP	3.0	6.0	6.0	5.7	5.2
GREENBROOKS (TG 50-9460)	3.3	5.7	7.3	6.7	5.8	STR-8GRQR	2.7	5.7	6.3	6.0	5.2
JT-42	3.7	7.0	5.7	6.7	5.8	TAHOE II	2.3	6.3	6.3	5.7	5.2
JT-45	4.0	7.0	5.3	6.7	5.8	TRIO (IS-TF-152)	3.0	5.3	6.7	5.7	5.2
TITANIUM LS (MVS-BB-1)	2.7	6.7	7.3	6.3	5.8	TURBO	2.3	6.0	6.0	6.3	5.2
EINSTEIN	3.0	6.3	7.3	6.3	5.8	XTREMEGREEN (BGR-TF2)	2.7	5.7	6.0	6.3	5.2
FALCON NG (CE 1)	3.3	5.3	8.0	6.3	5.8	06-WALK	2.7	6.0	6.7	5.3	5.2
GAZELLE II (PST-5HP)	4.0	6.3	5.7	6.7	5.7	AST1001 (AST-4)	2.7	6.0	6.7	5.3	5.2
GOLD MEDALLION (KZ-1)	3.3	6.7	6.7	6.0	5.7	COL-1	3.0	6.0	6.3	5.3	5.2
MVS-341	3.7	6.3	6.7	6.0	5.7	HEMI	2.3	5.7	6.3	6.3	5.2
SILVERADO	4.3	6.7	5.7	6.0	5.7	AST 7002	3.3	6.0	6.0	5.0	5.1
CATALYST (NA-BT-1)	3.3	6.3	6.7	6.3	5.7	MVS-1107	2.7	5.7	7.0	5.0	5.1
ESCALANTE (GO-1BFD)	3.0	6.7	7.0	5.7	5.6	PEDIGREE (ATF-1199)	2.7	5.7	6.0	6.0	5.1
TALLADEGA (RP 3)	3.0	6.3	7.0	6.0	5.6	REUNION (LS-03)	3.0	6.7	6.0	4.7	5.1
TITAN ULTRA (PSG-TTRH)	3.3	6.3	6.0	6.7	5.6	STETSON II (NA-SS)	3.0	5.7	5.7	6.0	5.1
AST9002 (AST-2)	3.0	6.0	6.7	6.3	5.5	AST9003 (AST-1)	3.3	6.3	4.7	6.0	5.1
						CORONA (COL-M)	3.0	6.0	6.3	5.0	5.1

TABLE 18. SEEDLING VIGOR RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	CA3	KY1	NJ1	PA1	MEAN
RAPTOR II (MVS-TF-158)	2.7	5.7	6.7	5.3	5.1
TANZANIA (IS-TF-159)	2.3	5.7	6.0	6.3	5.1
0312	2.3	6.0	6.3	5.3	5.0
BAR FA 6363	2.3	6.7	6.0	5.0	5.0
BLADE RUNNER II (PSG-85QR)	3.0	5.3	6.0	5.7	5.0
COMPETE (LS-06)	3.0	6.0	5.7	5.3	5.0
CROSSFIRE 3 (COL-J)	2.3	5.7	6.3	5.7	5.0
DARLINGTON (CS-TF1)	2.3	6.0	6.0	5.7	5.0
TOCCOA (IS-TF-151)	2.3	6.0	6.3	5.3	5.0
TRAVERSE SRP (RK-1)	2.7	5.7	6.3	5.3	5.0
VENTURE (J-140)	2.7	5.7	6.3	5.3	5.0
CEZANNE RZ (LTP-CRL)	3.0	6.0	5.7	5.0	4.9
TULSA TIME (TULSA III)	2.7	5.7	6.3	5.0	4.9
SUNSET GOLD (KZ-2)	2.3	5.7	6.0	5.0	4.8
HUNTER	3.0	5.3	5.3	5.3	4.8
RENOVATE (LS-11)	3.7	4.7	5.7	4.7	4.7
LS 1010 (ATF 1328)	2.0	5.3	5.7	5.3	4.6
GARRISON (IS-TF-153)	2.3	4.3	5.7	5.7	4.5
SIDEWINDER (IS-TF-138)	2.0	6.0	5.3	4.7	4.5
RENDITION RX (PSG-RNDR)	2.3	5.0	5.3	3.3	4.0
LSD VALUE	1.3	1.3	1.6	1.0	0.7
C.V. (%)	25.3	13.0	15.0	10.4	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 19. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	AR1	GA1	NE1	TX1	WA3	MEAN
SPYDER LS (Z-2000)	6.3	6.3	6.6	8.4	5.3	7.1
CATALYST (NA-BT-1)	7.1	6.0	5.5	8.3	6.7	7.0
WOLFPACK II (PST-5WMB)	6.6	7.3	5.8	8.3	6.0	7.0
RK 4	7.0	6.0	5.8	8.1	5.7	6.9
RK 5	6.4	6.0	6.3	8.1	5.0	6.9
CANNAVARO (DP 50-9440)	6.7	6.5	6.4	7.7	4.0	6.9
UMBRELLA (DP 50-9411)	6.2	5.0	6.4	8.3	5.3	6.9
MONET (LTP-610 CL)	6.2	6.0	6.2	8.1	6.0	6.9
RHAMBLER SRP (RHAMBLER)	6.4	6.3	5.5	8.3	5.3	6.9
CEZANNE RZ (LTP-CRL)	7.0	7.3	5.7	7.9	5.3	6.9
NINJA 3 (ATF 1247)	6.9	7.3	6.2	7.4	5.7	6.9
CORONA (COL-M)	6.2	7.3	6.3	7.8	4.7	6.8
MVS-1107	6.4	7.7	6.3	7.7	5.0	6.8
GUARDIAN 41 (STR-8BB5)	6.3	5.0	6.1	8.1	6.0	6.8
BULLSEYE	6.2	6.7	5.7	8.3	5.0	6.8
STETSON II (NA-SS)	6.4	7.3	5.8	7.7	5.3	6.8
FAITH (K06-WA)	6.3	5.3	5.7	8.1	5.7	6.8
BRAVEHEART (DP 50-9407)	6.7	7.7	6.0	7.7	4.7	6.8
RAPTOR II (MVS-TF-158)	6.4	7.3	5.9	7.5	5.3	6.8
PSG-82BR	6.1	6.3	5.8	8.1	5.3	6.8
TULSA TIME (TULSA III)	6.6	7.0	5.6	8.1	4.0	6.8
PATAGONIA (GWTF)	6.8	6.7	5.9	7.5	5.0	6.7
FIRECRACKER LS (MVS-MST)	6.8	4.0	5.9	8.0	6.0	6.7
GAZELLE II (PST-5HP)	7.0	7.0	5.3	7.7	6.0	6.7
ROCKET (IS-TF-147)	6.9	6.0	5.7	7.6	5.0	6.7
TRAVERSE SRP (RK-1)	6.3	5.7	5.4	8.1	6.0	6.7
STR-8GRQR	7.0	6.3	5.8	7.9	3.7	6.7
INTEGRITY (BGR-TF1)	7.0	7.0	5.9	7.4	4.7	6.7
TANZANIA (IS-TF-159)	6.3	7.7	5.7	7.8	5.0	6.7
GE-1	6.2	8.0	5.7	7.9	4.0	6.7
TALLADEGA (RP 3)	6.7	5.7	5.6	8.1	4.3	6.7
RENDITION RX (PSG-RNDR)	6.6	6.7	5.7	7.8	4.0	6.7
SIDEWINDER (IS-TF-138)	6.3	7.7	5.7	7.7	5.0	6.7
LS 1200 (SC-1)	5.9	5.0	5.5	8.3	6.7	6.7
FALCON NG (CE 1)	6.9	7.3	5.4	7.7	4.0	6.7
JT-42	6.3	8.3	5.9	7.5	4.3	6.7
MUSTANG 4 (M4)	6.3	5.3	5.8	7.8	6.0	6.7
HUNTER	6.8	6.3	5.7	7.7	4.3	6.7
BAR FA 6363	7.1	6.0	5.6	7.6	4.3	6.7
TITANIUM LS (MVS-BB-1)	6.2	6.0	5.8	7.9	4.7	6.6
XTREMEGREEN (BGR-TF2)	6.8	6.7	5.7	7.5	4.3	6.6
BLADE RUNNER II (PSG-85QR)	6.2	6.7	5.7	7.7	6.3	6.6
MVS-341	6.4	6.0	5.8	7.7	5.3	6.6
LS 1010 (ATF 1328)	6.6	6.7	6.0	7.5	4.3	6.6
SHENANDOAH III (SH 3)	6.8	5.5	5.7	7.5	5.7	6.6
3RD MILLENNIUM SRP	6.6	5.7	5.6	7.9	5.3	6.6

TABLE 19. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	AR1	GA1	NE1	TX1	WA3	MEAN
TURBO	6.2	5.7	5.6	7.9	4.7	6.6
06-DUST	6.7	6.0	5.7	7.5	5.0	6.6
HONKY TONK (RAD-TF17)	6.7	5.0	5.4	7.8	5.3	6.6
FALCON V (ATM)	6.0	5.0	5.8	7.9	6.0	6.6
DARLINGTON (CS-TF1)	6.7	6.3	6.0	7.1	5.3	6.6
GOLD MEDALLION (KZ-1)	7.4	6.7	6.2	6.7	4.3	6.6
REBEL IV	6.6	7.0	6.0	7.3	5.0	6.6
COMPETE (LS-06)	6.7	7.0	6.3	6.9	4.3	6.6
SPEEDWAY (STR-8BPDx)	6.2	6.0	5.6	7.7	5.0	6.5
JT-36	6.3	6.7	5.5	7.6	5.0	6.5
COL-1	7.3	5.3	5.7	7.3	4.7	6.5
JT-45	6.8	5.7	5.8	7.4	5.0	6.5
ESCALADE	7.1	5.3	5.6	7.5	5.0	6.5
FINELAWN XPRESS (RP 2)	6.7	6.0	5.3	7.6	5.7	6.5
TAHOE II	6.8	6.0	5.9	7.1	4.3	6.5
VAN GOGH (LTP-RK2)	6.3	5.3	5.3	8.0	4.3	6.5
AST9002 (AST-2)	5.8	7.0	6.0	7.6	4.3	6.5
TRIO (IS-TF-152)	5.9	8.0	5.3	7.6	5.0	6.5
AST9001 (AST-3)	7.0	7.0	5.7	6.9	5.0	6.5
MAGELLAN	6.6	5.7	6.2	7.1	4.7	6.5
BAR FA 6253	6.7	5.5	5.7	7.3	4.7	6.5
RNP	6.8	6.0	5.8	7.3	4.3	6.5
SHENANDOAH ELITE (RK 6)	6.7	5.5	5.3	7.4	5.7	6.5
PADRE	7.0	6.3	5.7	7.1	4.7	6.5
HUDSON (DKS)	6.4	5.3	6.0	7.5	4.0	6.5
TITAN ULTRA (PSG-TTRH)	7.1	5.7	5.9	6.8	5.0	6.5
GARRISON (IS-TF-153)	5.8	6.3	5.4	7.9	5.7	6.5
J-130	6.2	6.3	5.7	7.6	4.7	6.5
REMBRANDT	6.6	6.0	5.8	7.3	3.7	6.5
FAT CAT (IS-TF-161)	6.4	6.3	5.7	7.4	5.0	6.5
06-WALK	6.6	6.7	5.5	7.3	4.3	6.4
AST 7002	6.0	7.0	5.8	7.5	4.3	6.4
TOCCOA (IS-TF-151)	6.0	7.0	5.6	7.5	5.0	6.4
CROSSFIRE 3 (COL-J)	6.8	6.0	6.0	6.9	4.3	6.4
AST9003 (AST-1)	6.4	6.0	5.8	7.3	4.7	6.4
PEDIGREE (ATF-1199)	6.8	6.7	5.3	7.4	4.0	6.4
HEMI	5.9	6.3	6.1	7.1	6.0	6.4
GREENBROOKS (TG 50-9460)	6.6	6.5	5.7	7.3	3.7	6.4
RENOVATE (LS-11)	5.9	6.7	5.8	7.3	4.7	6.4
SKYLINE	6.8	8.0	5.4	6.8	5.3	6.4
SUNSET GOLD (KZ-2)	6.7	6.7	5.5	7.1	4.3	6.4
KY-41 (JT-41)	6.8	6.3	5.8	6.9	5.3	6.4
AST1001 (AST-4)	6.4	7.0	5.0	7.6	4.3	6.4
EINSTEIN	6.3	6.3	5.5	7.5	4.0	6.4
TURBO RZ (BURL-TF8)	7.0	5.3	5.8	6.9	5.3	6.4
ESCALANTE (GO-1BFD)	6.0	5.7	5.8	7.2	5.7	6.4
TITAN RX (PSG-TTST)	6.7	6.7	5.8	7.1	4.0	6.4

TABLE 19. SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	AR1	GA1	NE1	TX1	WA3	MEAN
ESSENTIAL (IS-TF-154)	6.7	5.0	5.4	7.1	6.3	6.3
VENTURE (J-140)	6.4	6.0	5.1	7.6	4.7	6.3
JAMBOREE (IS-TF-128)	7.0	5.0	5.3	7.0	6.0	6.3
PLATO	7.0	5.7	5.6	7.0	3.7	6.3
SR 8650 (STR-8LMM)	5.8	5.7	5.4	7.5	5.7	6.3
ARISTOTLE	7.0	7.0	5.6	6.7	4.0	6.3
FIRENZA	6.4	7.3	4.9	7.2	5.7	6.3
REUNION (LS-03)	5.9	6.3	5.9	7.1	4.0	6.3
AST 7001	5.9	6.7	5.9	7.1	4.0	6.3
SILVERADO	7.1	4.7	5.6	6.9	4.7	6.3
JUSTICE	6.4	5.3	5.5	7.3	5.0	6.3
BILTMORE	6.1	6.5	5.8	7.1	4.0	6.3
JT-33	6.9	5.7	5.8	6.6	4.3	6.2
TERRIER (IS-TF-135)	5.8	6.3	5.5	7.0	5.3	6.2
FALCON IV	6.1	7.3	4.8	7.3	4.7	6.2
AST7003	6.0	7.0	5.1	7.3	4.7	6.2
COCHISE IV (RKCL)	5.9	4.5	5.1	7.7	4.7	6.2
LINDBERGH	6.2	5.0	5.7	7.1	4.0	6.2
0312	7.0	4.5	6.1	6.3	3.7	6.1
KY-31	4.9	5.7	5.5	5.1	2.7	5.2
LSD VALUE	1.7	1.5	1.5	1.6	1.6	1.0
C.V. (%)	16.4	14.2	16.6	13.1	20.9	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 20. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	AR1	GA1	IN1	KY1	NC1	NE1	TX1	MEAN
FIRECRACKER LS (MVS-MST)	7.2	6.3	7.7	9.0	5.8	7.7	7.7	7.4
CATALYST (NA-BT-1)	7.0	6.7	8.0	7.0	5.9	7.3	8.5	7.4
RK 5	6.7	6.7	7.1	8.3	5.9	7.9	7.6	7.3
FALCON V (ATM)	6.5	6.3	7.9	9.0	5.8	7.5	7.7	7.2
BULLSEYE	7.0	7.0	8.3	8.0	5.8	7.1	7.7	7.2
LS 1200 (SC-1)	6.7	6.7	7.8	8.0	5.3	7.6	7.8	7.2
TURBO	6.7	6.7	7.7	7.7	5.9	7.2	7.9	7.2
MONET (LTP-610 CL)	6.5	7.7	7.4	7.3	6.0	7.4	7.7	7.2
SHENANDOAH III (SH 3)	7.3	6.7	6.9	7.0	6.0	7.8	7.3	7.2
PSG-82BR	6.8	7.0	6.7	8.0	6.0	7.3	7.9	7.2
FAITH (K06-WA)	6.7	6.3	7.2	7.7	5.9	7.7	7.5	7.2
RHAMBLER SRP (RHAMBLER)	7.0	8.0	7.6	7.0	6.3	7.1	7.4	7.2
BRAVEHEART (DP 50-9407)	6.7	8.3	7.0	6.7	6.1	7.8	7.3	7.1
GUARDIAN 41 (STR-8BB5)	6.8	6.5	6.4	7.3	5.9	7.9	7.7	7.1
TRAVERSE SRP (RK-1)	6.8	6.7	7.0	7.3	6.2	7.3	7.8	7.1
CANNAVARO (DP 50-9440)	7.0	6.7	7.2	7.3	5.3	7.9	7.3	7.1
MUSTANG 4 (M4)	6.8	6.3	6.9	7.3	5.5	7.7	7.7	7.1
COCHISE IV (RKCL)	6.8	5.0	7.7	9.0	6.0	6.7	7.8	7.1
3RD MILLENNIUM SRP	6.7	7.0	7.0	7.0	5.6	7.7	7.5	7.1
TALLADEGA (RP 3)	6.8	6.0	6.8	7.0	5.3	7.5	8.0	7.0
JAMBOREE (IS-TF-128)	7.0	7.0	7.3	8.0	6.3	6.7	7.5	7.0
ROCKET (IS-TF-147)	7.3	6.7	6.8	8.0	5.9	7.5	7.0	7.0
SHENANDOAH ELITE (RK 6)	7.0	8.0	7.1	7.3	5.3	7.3	7.7	7.0
SPYDER LS (Z-2000)	6.8	7.7	6.7	8.0	5.3	7.4	7.7	7.0
HEMI	6.8	6.7	7.4	7.3	5.7	7.2	7.4	7.0
SIDEWINDER (IS-TF-138)	6.7	8.3	7.6	7.7	5.8	7.0	7.4	7.0
RK 4	7.0	7.0	6.8	7.3	5.8	7.1	7.7	7.0
SPEEDWAY (STR-8BPD)	6.8	7.0	7.0	7.3	6.1	7.2	7.5	7.0
GREENBROOKS (TG 50-9460)	6.8	7.0	7.1	6.7	5.6	7.6	7.1	6.9
VENTURE (J-140)	6.8	7.0	7.0	7.0	5.8	7.3	7.0	6.9
TANZANIA (IS-TF-159)	6.3	8.3	7.1	7.3	5.5	6.7	7.9	6.9
BLADE RUNNER II (PSG-85QR)	6.8	7.7	6.4	6.3	5.8	7.4	7.3	6.9
PATAGONIA (GWTF)	6.3	8.0	6.4	7.0	5.3	7.5	7.7	6.9
TULSA TIME (TULSA III)	7.2	8.7	6.6	7.3	5.3	6.8	7.7	6.9
FINELAWN XPRESS (RP 2)	6.8	7.0	7.8	7.7	6.1	6.6	7.1	6.9
VAN GOGH (LTP-RK2)	6.8	5.7	7.3	7.3	5.6	6.8	7.7	6.9
STR-8GRQR	7.0	7.0	6.4	7.0	5.4	7.2	7.5	6.9
WOLFPACK II (PST-5WMB)	6.2	7.5	6.8	7.7	5.7	7.2	7.5	6.9
TOCCOA (IS-TF-151)	6.3	7.0	6.7	7.7	5.5	7.3	7.3	6.9
TRIO (IS-TF-152)	6.7	7.3	6.9	6.7	5.3	7.3	7.3	6.8
TITANIUM LS (MVS-BB-1)	7.2	7.7	6.6	6.7	5.1	7.1	7.7	6.8
GAZELLE II (PST-5HP)	7.0	8.3	6.8	7.3	5.9	6.9	6.9	6.8
ESSENTIAL (IS-TF-154)	7.2	6.3	7.3	7.7	5.8	7.1	6.7	6.8
MVS-1107	6.7	8.0	6.4	5.7	5.3	7.8	7.0	6.8
RAPTOR II (MVS-TF-158)	6.5	6.7	7.2	7.3	5.6	7.1	6.9	6.8
HONKY TONK (RAD-TF17)	6.7	6.0	6.2	6.0	5.7	7.3	7.6	6.8

TABLE 20. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	AR1	GA1	IN1	KY1	NC1	NE1	TX1	MEAN
COL-1	7.3	6.7	6.6	7.0	5.2	7.2	7.2	6.8
PEDIGREE (ATF-1199)	6.8	8.0	6.4	7.3	5.8	7.3	6.6	6.8
CEZANNE RZ (LTP-CRL)	6.8	8.0	6.2	6.0	5.8	6.9	7.3	6.8
GARRISON (IS-TF-153)	6.5	7.0	6.9	6.7	5.3	7.3	7.2	6.8
J-130	6.8	7.0	6.0	6.0	5.5	7.3	7.3	6.7
BAR FA 6253	6.8	6.0	6.2	7.3	5.1	7.3	7.5	6.7
FALCON NG (CE 1)	6.3	8.0	7.1	6.7	6.1	6.7	6.8	6.7
DARLINGTON (CS-TF1)	6.8	7.7	6.6	7.0	5.3	7.1	7.1	6.7
JT-42	6.5	9.0	6.6	6.3	5.2	7.4	6.9	6.7
RNP	7.2	8.0	6.2	7.3	5.0	7.3	6.9	6.7
TERRIER (IS-TF-135)	7.0	7.7	6.6	8.3	5.3	6.8	6.9	6.7
AST7003	6.8	7.7	6.4	6.7	5.0	7.4	7.0	6.7
JUSTICE	7.2	6.3	6.4	7.0	5.8	7.5	6.5	6.7
AST9001 (AST-3)	7.0	9.0	6.8	7.0	4.9	7.3	6.5	6.7
UMBRELLA (DP 50-9411)	6.5	5.3	6.4	6.0	5.3	7.2	7.5	6.7
EINSTEIN	6.7	7.0	6.0	7.0	4.8	7.7	7.0	6.7
REBEL IV	6.7	8.0	6.3	6.0	5.7	7.5	6.5	6.7
JT-45	7.0	7.3	6.4	7.3	5.3	7.1	6.7	6.7
FIRENZA	6.3	8.0	7.1	7.3	5.2	7.1	6.8	6.7
06-DUST	6.8	7.3	6.2	6.0	5.4	7.1	7.1	6.7
JT-36	6.7	7.3	6.7	6.0	5.0	7.4	6.9	6.7
GE-1	6.3	9.0	5.9	6.0	5.8	7.2	6.8	6.7
XTREMEGREEN (BGR-TF2)	6.8	8.0	6.6	7.3	5.2	6.9	6.9	6.7
TURBO RZ (BURL-TF8)	6.8	6.3	6.8	5.7	5.6	8.0	5.9	6.7
SKYLINE	6.7	9.0	5.6	6.0	5.7	7.6	6.5	6.6
FAT CAT (IS-TF-161)	6.7	8.0	6.4	7.0	5.8	6.4	7.1	6.6
CORONA (COL-M)	6.2	8.3	6.8	7.0	5.1	6.7	7.3	6.6
ESCALADE	7.2	6.5	6.3	5.7	5.2	7.4	6.8	6.6
TITAN RX (PSG-TTST)	7.0	7.3	6.0	7.0	5.4	7.5	6.4	6.6
TAHOE II	6.8	6.7	6.3	6.0	5.8	7.1	6.7	6.6
CROSSFIRE 3 (COL-J)	7.0	7.3	6.6	6.3	4.9	7.2	6.8	6.6
NINJA 3 (ATF 1247)	6.7	7.5	6.2	6.0	5.5	6.7	7.2	6.6
AST 7002	6.2	8.7	6.6	6.7	5.2	7.1	6.9	6.6
JT-33	7.0	7.0	6.3	6.3	5.3	7.4	6.7	6.6
LS 1010 (ATF 1328)	7.0	7.7	6.6	5.7	5.3	6.7	6.9	6.6
MVS-341	6.5	7.3	6.1	5.7	4.9	7.2	7.5	6.6
SUNSET GOLD (KZ-2)	6.8	8.0	6.3	6.7	5.3	6.6	7.2	6.6
PADRE	7.0	7.7	6.9	5.7	5.1	7.1	6.7	6.6
RENDITION RX (PSG-RNDR)	6.8	7.7	6.1	7.0	4.4	7.0	7.5	6.6
KY-41 (JT-41)	7.2	7.3	6.4	7.0	5.2	7.3	6.3	6.6
06-WALK	7.0	8.0	5.8	6.0	4.9	7.0	7.2	6.6
SR 8650 (STR-8LMM)	6.7	7.7	6.9	6.7	4.9	6.9	7.0	6.6
HUDSON (DKS)	7.0	6.5	6.4	7.3	5.1	7.1	6.6	6.6
AST1001 (AST-4)	7.2	8.3	6.4	6.7	4.7	6.4	7.4	6.6
AST 7001	7.0	7.3	6.3	6.0	5.1	7.1	6.8	6.5
INTEGRITY (BGR-TF1)	7.0	8.0	6.2	6.0	5.4	7.1	6.6	6.5
HUNTER	6.7	7.7	6.7	5.7	4.9	6.7	7.3	6.5

TABLE 20. SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	AR1	GA1	IN1	KY1	NC1	NE1	TX1	MEAN
BAR FA 6363	6.8	8.3	6.0	5.7	5.3	6.9	7.0	6.5
AST9003 (AST-1)	6.8	6.7	6.7	7.0	4.8	7.0	6.9	6.5
AST9002 (AST-2)	6.7	8.0	6.3	6.3	5.0	6.9	6.9	6.5
STETSON II (NA-SS)	6.3	7.7	6.6	5.3	4.9	7.1	7.1	6.5
REUNION (LS-03)	7.3	7.3	6.6	7.3	5.0	6.7	6.5	6.5
ESCALANTE (GO-1BFD)	6.5	7.5	6.3	5.7	5.4	7.2	6.6	6.5
TITAN ULTRA (PSG-TTRH)	7.2	6.3	6.7	6.7	5.2	7.2	6.2	6.5
FALCON IV	6.3	7.7	6.6	5.3	5.6	6.9	6.7	6.5
REMBRANDT	6.8	8.0	6.1	5.3	5.4	7.3	6.2	6.5
LINDBERGH	7.0	7.5	6.0	5.3	5.1	7.2	6.6	6.5
0312	7.7	5.0	6.4	7.0	4.5	7.1	6.7	6.5
PLATO	7.0	7.5	6.0	5.3	4.9	6.8	6.8	6.4
COMPETE (LS-06)	6.7	6.5	6.0	6.3	5.4	7.2	6.3	6.4
BILTMORE	6.7	6.3	6.4	6.0	4.7	7.1	6.5	6.4
MAGELLAN	6.5	7.0	6.2	5.0	5.9	6.5	6.3	6.3
GOLD MEDALLION (KZ-1)	6.8	7.0	6.0	7.3	5.0	6.5	6.5	6.3
RENOVATE (LS-11)	6.2	7.3	6.2	5.7	5.3	6.4	6.5	6.2
SILVERADO	7.5	4.3	5.4	4.7	4.5	7.2	6.7	6.2
ARISTOTLE	6.8	8.3	5.4	4.7	4.7	7.0	6.3	6.2
KY-31	5.5	7.3	3.8	4.0	3.3	6.4	4.5	5.0
LSD VALUE	1.4	1.6	1.1	1.4	2.0	1.4	1.8	0.8
C.V. (%)	13.2	12.9	10.3	12.9	23.6	12.2	16.6	15.4

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

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

TABLE 21. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	AR1	CA6	GA1	NC1	NE1	TX1	WA3	MEAN
FAITH (K06-WA)	8.0	7.3	6.0	6.8	7.1	6.8	7.7	7.0
SPYDER LS (Z-2000)	6.5	8.0	7.0	6.4	7.3	7.1	7.3	7.0
BULLSEYE	7.0	7.0	6.5	7.1	7.3	7.1	6.3	6.9
MONET (LTP-610 CL)	7.8	8.0	6.5	7.3	6.8	6.5	7.7	6.9
SKYLINE	6.5	6.7	8.5	6.7	7.3	6.9	6.7	6.9
WOLFPACK II (PST-5WMB)	7.3	7.0	7.1	6.8	7.2	6.5	7.3	6.9
3RD MILLENNIUM SRP	6.5	7.3	6.5	6.9	7.0	6.7	7.3	6.9
FAT CAT (IS-TF-161)	6.5	7.3	7.6	6.8	6.8	7.0	6.7	6.9
RK 4	6.5	7.0	6.3	6.8	7.0	6.9	7.7	6.8
TANZANIA (IS-TF-159)	7.0	6.7	8.2	6.6	7.3	6.8	6.3	6.8
PSG-82BR	6.5	6.3	6.7	6.9	7.0	6.7	7.3	6.8
SIDEWINDER (IS-TF-138)	7.0	7.0	8.0	6.7	6.9	6.7	6.7	6.8
FALCON NG (CE 1)	6.5	7.0	7.3	7.3	6.2	6.9	6.3	6.8
GE-1	7.0	6.3	7.8	6.9	6.9	6.8	6.0	6.8
REMBRANDT	6.2	7.0	6.7	7.1	7.1	6.9	6.3	6.8
GUARDIAN 41 (STR-8BB5)	6.5	7.3	5.9	7.0	7.3	7.0	6.3	6.8
TURBO	6.7	7.0	6.3	6.9	6.9	6.9	7.0	6.8
06-DUST	6.8	6.3	6.7	6.8	6.8	6.4	7.3	6.8
ESCALADE	6.8	7.0	6.2	6.4	7.0	6.8	7.3	6.8
RHAMBLER SRP (RHAMBLER)	7.2	6.3	6.8	7.5	6.7	7.0	5.7	6.8
LS 1200 (SC-1)	7.3	7.7	5.6	6.9	6.9	6.8	7.0	6.8
CEZANNE RZ (LTP-CRL)	6.8	7.0	6.5	7.2	7.0	6.8	6.3	6.8
BLADE RUNNER II (PSG-85QR)	6.7	6.3	6.8	6.9	7.1	6.9	6.0	6.8
TULSA TIME (TULSA III)	6.3	6.3	7.8	6.2	6.8	6.9	7.3	6.8
FALCON V (ATM)	6.5	8.0	6.7	6.9	6.8	6.5	7.0	6.8
KY-41 (JT-41)	6.8	6.0	7.3	6.8	7.3	6.8	6.0	6.8
RK 5	7.5	7.0	6.5	7.2	7.2	6.7	5.7	6.7
GAZELLE II (PST-5HP)	7.0	6.7	6.8	6.9	6.5	6.7	7.0	6.7
JUSTICE	6.7	6.7	6.0	6.9	6.8	6.7	6.7	6.7
TITAN RX (PSG-TTST)	6.3	6.0	7.3	6.3	7.3	6.6	6.7	6.7
SHENANDOAH III (SH 3)	7.2	7.3	4.9	7.2	7.1	6.5	7.0	6.7
CATALYST (NA-BT-1)	6.8	7.0	6.7	6.8	6.8	6.8	6.7	6.7
SPEEDWAY (STR-8BPDx)	7.2	7.0	7.0	7.3	6.7	6.7	5.5	6.7
ESCALANTE (GO-1BFD)	6.8	6.0	6.3	6.3	6.8	6.7	7.0	6.7
TITANIUM LS (MVS-BB-1)	7.0	6.7	6.8	6.3	6.8	7.3	6.3	6.7
MUSTANG 4 (M4)	7.8	7.0	6.2	6.6	7.8	6.7	6.0	6.7
TRAVERSE SRP (RK-1)	7.5	7.3	6.2	6.9	6.8	6.5	6.7	6.7
COCHISE IV (RKCL)	6.8	7.0	5.1	6.9	6.8	6.7	7.0	6.7
JT-42	6.5	6.7	7.5	6.6	6.8	6.7	6.7	6.7
TURBO RZ (BURL-TF8)	6.5	7.0	6.3	6.4	7.8	6.0	7.3	6.7
STR-8GRQR	7.3	6.3	6.7	6.6	6.7	7.2	5.7	6.7
HONKY TONK (RAD-TF17)	6.0	6.3	6.0	6.7	6.5	7.1	6.3	6.7
VAN GOGH (LTP-RK2)	7.3	6.7	6.0	7.0	6.7	6.7	6.3	6.6
NINJA 3 (ATF 1247)	6.5	7.0	7.7	6.8	6.8	6.7	5.7	6.6
TAHOE II	6.7	6.3	7.0	6.4	6.9	6.5	7.0	6.6
GREENBROOKS (TG 50-9460)	7.3	6.7	5.3	6.8	7.3	6.5	6.0	6.6

TABLE 21. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	AR1	CA6	GA1	NC1	NE1	TX1	WA3	MEAN
BRAVEHEART (DP 50-9407)	6.7	8.0	7.8	6.8	7.4	6.1	5.7	6.6
JT-45	7.5	6.3	6.3	6.2	6.8	6.3	8.0	6.6
MVS-341	7.2	7.3	6.5	5.7	6.9	7.2	6.0	6.6
CORONA (COL-M)	7.2	7.0	7.7	6.2	6.8	6.5	6.7	6.6
VENTURE (J-140)	7.2	6.7	6.3	6.8	7.1	6.4	6.7	6.6
REBEL IV	6.5	7.0	6.5	6.8	7.1	6.2	6.3	6.6
OG-WALK	6.7	6.3	7.7	5.8	6.5	6.3	7.3	6.6
EINSTEIN	6.5	7.0	6.7	6.0	6.6	6.8	6.7	6.6
ESSENTIAL (IS-TF-154)	7.5	8.0	6.0	6.8	7.0	6.2	6.7	6.6
MAGELLAN	6.0	6.7	7.2	6.6	6.5	6.5	6.7	6.6
STETSON II (NA-SS)	6.8	6.7	7.5	5.9	7.3	6.7	6.0	6.6
HEMI	6.8	7.0	6.8	6.3	7.3	6.3	6.7	6.6
AST9002 (AST-2)	6.8	6.7	6.5	6.6	6.9	6.4	6.0	6.6
BAR FA 6363	6.8	6.3	7.0	5.9	6.6	6.9	6.3	6.6
PLATO	7.3	7.0	6.2	5.9	6.8	6.5	6.7	6.5
AST 7002	6.7	6.7	7.5	6.0	6.8	6.7	6.7	6.5
JT-36	7.3	6.7	7.0	6.3	6.5	6.5	6.7	6.5
SHENANDOAH ELITE (RK 6)	7.5	7.7	5.4	6.2	6.9	6.4	6.7	6.5
ROCKET (IS-TF-147)	6.7	6.7	7.2	6.9	7.0	6.3	6.0	6.5
RNP	6.3	7.7	6.3	6.4	7.2	6.1	6.7	6.5
GARRISON (IS-TF-153)	6.5	7.3	6.7	6.4	6.6	6.9	6.0	6.5
TALLADEGA (RP 3)	6.8	7.0	6.7	6.3	6.8	6.8	6.0	6.5
RAPTOR II (MVS-TF-158)	6.8	7.3	7.5	6.8	7.1	6.3	6.0	6.5
MVS-1107	7.0	7.0	8.0	6.1	7.3	6.1	6.0	6.5
AST7003	7.2	6.7	7.2	6.0	6.5	6.5	6.7	6.5
JAMBOREE (IS-TF-128)	7.7	7.0	5.2	7.0	6.8	6.6	5.7	6.5
FINELAWN XPRESS (RP 2)	7.2	6.0	6.2	6.8	5.9	6.4	7.3	6.5
LS 1010 (ATF 1328)	6.8	7.3	7.5	6.3	6.4	6.5	6.0	6.5
INTEGRITY (BGR-TF1)	7.3	6.7	7.3	6.2	7.3	5.9	6.3	6.5
RENOVATE (LS-11)	7.0	7.3	7.3	6.3	6.0	6.0	7.0	6.5
JT-33	7.0	7.0	6.7	6.3	6.7	6.1	7.0	6.4
PEDIGREE (ATF-1199)	6.5	6.7	6.3	6.7	6.7	7.0	5.3	6.4
AST9003 (AST-1)	7.2	8.0	6.0	5.6	7.3	6.1	7.3	6.4
FIRENZA	7.5	6.7	7.0	6.4	6.5	5.7	6.7	6.4
BAR FA 6253	6.5	6.7	5.9	6.3	6.9	6.7	6.0	6.4
LINDBERGH	6.7	6.7	6.7	6.1	6.4	6.8	5.7	6.4
FALCON IV	6.2	6.5	7.5	6.8	6.1	6.3	6.0	6.4
TOCCOA (IS-TF-151)	7.3	7.0	6.5	6.4	6.8	6.1	6.3	6.4
UMBRELLA (DP 50-9411)	7.0	7.0	6.0	6.4	7.3	6.6	5.3	6.4
SR 8650 (STR-8LMM)	6.8	7.0	6.8	6.2	6.4	6.1	6.7	6.4
TRIO (IS-TF-152)	7.0	6.7	7.8	6.2	6.7	6.9	5.0	6.4
CANNAVARO (DP 50-9440)	6.8	7.0	6.3	6.4	7.8	5.9	6.3	6.4
COMPETE (LS-06)	7.0	6.7	6.8	6.1	6.7	5.5	7.3	6.3
ARISTOTLE	6.5	6.3	6.8	5.8	6.6	6.3	6.3	6.3
PATAGONIA (GWTF)	7.0	6.7	7.3	6.6	6.9	6.1	5.0	6.3
BILTMORE	7.0	6.7	7.0	5.9	6.8	6.1	6.3	6.3
XTREMEGREEN (BGR-TF2)	6.8	6.0	7.2	5.9	6.5	6.3	6.3	6.3



TABLE 21. FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

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

NAME	AR1	CA6	GA1	NC1	NE1	TX1	WA3	MEAN
PADRE	6.2	7.3	6.3	6.0	6.5	5.8	7.0	6.3
DARLINGTON (CS-TF1)	6.5	6.7	6.2	6.4	6.8	6.4	5.7	6.3
J-130	6.2	6.7	7.2	6.3	7.0	6.1	5.7	6.3
COL-1	6.8	6.7	6.3	5.8	7.1	5.9	6.3	6.3
REUNION (LS-03)	6.0	6.3	7.0	6.3	6.5	5.9	6.7	6.3
AST 7001	6.2	6.3	7.5	6.0	6.5	6.3	6.3	6.2
SUNSET GOLD (KZ-2)	6.7	7.0	7.2	6.4	6.5	5.7	6.0	6.2
HUDSON (DKS)	6.7	6.3	7.0	5.8	6.7	6.4	5.7	6.2
AST1001 (AST-4)	6.3	6.7	7.5	5.8	6.2	6.2	6.3	6.2
TITAN ULTRA (PSG-TTRH)	6.5	7.3	6.5	6.1	6.7	5.4	7.0	6.2
GOLD MEDALLION (KZ-1)	6.7	7.0	7.2	6.5	6.3	5.9	5.3	6.2
SILVERADO	6.5	6.3	5.2	5.9	6.4	6.4	6.0	6.1
FIRECRACKER LS (MVS-MST)	6.7	7.7	5.8	6.6	6.9	5.7	5.3	6.1
TERRIER (IS-TF-135)	7.2	7.0	6.7	6.2	6.7	5.5	6.0	6.1
HUNTER	6.3	6.7	6.8	5.8	6.5	5.7	6.0	6.0
CROSSFIRE 3 (COL-J)	6.7	6.7	6.7	6.1	6.8	5.6	5.3	6.0
AST9001 (AST-3)	7.0	6.0	5.7	5.8	6.8	5.5	6.3	6.0
0312	7.3	7.3	5.0	5.8	6.8	5.1	6.0	5.9
RENDITION RX (PSG-RNDR)	6.8	6.3	7.3	5.4	6.9	5.7	4.7	5.8
KY-31	5.3	5.0	6.8	3.8	6.8	3.9	5.3	4.9
LSD VALUE	1.4	0.8	1.7	1.9	1.4	2.2	1.7	1.2
C.V. (%)	13.1	7.3	16.5	18.1	13.9	23.8	16.4	18.3

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

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

TABLE 22. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	VA1	MEAN
GE-1	97.4	84.8	58.3	83.3	92.3	99.0	92.4	75.0	90.2
TRIO (IS-TF-152)	97.2	78.3	60.0	80.0	96.0	99.0	92.9	75.0	89.5
BRAVEHEART (DP 50-9407)	97.1	76.5	60.0	81.7	93.3	99.0	92.6	76.7	89.4
WOLFPACK II (PST-5WMB)	97.3	78.3	61.7	80.0	93.3	99.0	94.2	68.3	89.1
GAZELLE II (PST-5HP)	97.2	76.7	58.3	80.0	91.7	99.0	93.7	76.7	89.1
JT-42	97.4	78.0	70.0	80.0	91.7	99.0	91.7	68.3	89.0
FALCON IV	97.6	83.3	53.3	76.7	96.0	99.0	93.1	68.3	88.9
CEZANNE RZ (LTP-CRL)	97.1	74.8	50.0	76.7	93.3	98.3	94.2	71.7	88.9
SIDEWINDER (IS-TF-138)	96.9	86.5	53.3	78.3	95.0	99.0	92.3	65.0	88.9
TANZANIA (IS-TF-159)	97.4	81.7	55.0	80.0	91.7	98.7	92.7	66.7	88.8
FIRENZA	96.9	75.0	65.0	76.7	95.0	99.0	92.9	68.3	88.8
BULLSEYE	97.4	71.7	61.7	78.3	93.3	99.0	93.6	75.0	88.7
RHAMBLER SRP (RHAMBLER)	97.4	78.3	58.3	78.3	92.3	98.7	93.9	70.0	88.7
AST7003	97.6	78.3	55.0	78.3	95.0	99.0	92.7	71.7	88.7
STETSON II (NA-SS)	96.6	79.8	60.0	83.3	91.7	99.0	91.1	71.7	88.6
CATALYST (NA-BT-1)	97.2	75.0	55.0	80.0	93.3	99.0	94.0	73.3	88.6
FALCON NG (CE 1)	97.7	80.0	56.7	81.7	91.7	99.0	93.0	65.0	88.5
RK 5	97.6	78.3	58.3	81.7	93.3	98.7	94.3	68.3	88.5
MVS-1107	97.8	83.2	55.0	81.7	93.3	98.7	92.1	61.7	88.5
CANNAVARO (DP 50-9440)	97.6	75.0	56.7	80.0	93.3	99.0	93.1	70.0	88.5
TITAN RX (PSG-TTST)	97.9	76.7	56.7	80.0	93.3	98.3	92.8	71.7	88.4
SPEEDWAY (STR-8BPDx)	97.0	73.3	60.0	83.3	91.7	99.0	93.5	75.0	88.4
CORONA (COL-M)	96.9	82.3	55.0	75.0	95.0	98.0	90.7	75.0	88.4
SHENANDOAH ELITE (RK 6)	97.0	70.0	66.7	85.0	93.3	99.0	94.1	70.0	88.3
SR 8650 (STR-8LMM)	97.9	76.7	65.0	83.3	90.0	98.3	92.9	70.0	88.3
TRAVERSE SRP (RK-1)	97.2	76.7	56.7	78.3	90.0	98.3	94.2	73.3	88.3
TULSA TIME (TULSA III)	97.6	76.7	61.7	76.7	91.7	99.0	92.1	71.7	88.3
SKYLINE	97.4	84.8	51.7	73.3	93.3	98.7	92.6	60.0	88.2
SHENANDOAH III (SH 3)	97.3	70.0	55.0	85.0	95.0	99.0	93.9	71.7	88.2
GREENBROOKS (TG 50-9460)	97.3	71.7	58.3	81.7	93.3	99.0	93.3	65.0	88.1
NINJA 3 (ATF 1247)	97.2	76.7	55.0	78.3	92.3	99.0	91.7	70.0	88.1
ROCKET (IS-TF-147)	97.6	75.0	56.7	78.3	91.7	99.0	93.2	66.7	88.1
BILTMORE	97.8	74.2	58.3	81.7	91.7	98.7	92.8	73.3	88.1
LS 1010 (ATF 1328)	97.6	73.3	53.3	83.3	90.0	99.0	93.3	66.7	88.1
TITANIUM LS (MVS-BB-1)	97.3	73.3	61.7	85.0	91.7	98.7	93.1	70.0	88.1
ARISTOTLE	97.6	81.7	56.7	83.3	93.3	98.0	91.1	75.0	88.0
INTEGRITY (BGR-TF1)	96.8	75.0	51.7	80.0	93.3	99.0	92.9	70.0	88.0
GARRISON (IS-TF-153)	97.6	73.3	56.7	80.0	93.3	98.7	93.3	70.0	87.9
PSG-82BR	98.0	75.0	58.3	78.3	94.3	99.0	93.0	70.0	87.9
PADRE	97.6	78.3	58.3	78.3	96.0	98.0	92.7	70.0	87.9
FALCON V (ATM)	97.9	70.0	66.7	76.7	95.0	98.7	93.7	66.7	87.8
AST9002 (AST-2)	98.0	76.7	66.7	80.0	93.3	99.0	91.9	65.0	87.8
MONET (LTP-610 CL)	97.2	75.0	63.3	76.7	91.7	98.7	93.3	66.7	87.8
JT-36	97.0	76.7	65.0	76.7	91.7	99.0	92.5	66.7	87.8
RAPTOR II (MVS-TF-158)	96.8	78.3	48.3	78.3	93.3	99.0	91.6	66.7	87.7
REMBRANDT	97.3	76.7	56.7	83.3	95.7	98.7	92.3	70.0	87.7
AST 7001	97.3	76.7	55.0	76.7	93.3	99.0	91.5	75.0	87.7

TABLE 22. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	VA1	MEAN
06-WALK	97.2	76.7	46.7	78.3	91.7	98.7	92.2	70.0	87.7
AST 7002	97.6	78.3	50.0	78.3	93.3	99.0	92.7	63.3	87.6
REUNION (LS-03)	97.7	78.3	55.0	81.7	93.3	99.0	91.9	68.3	87.6
TURBO	97.1	71.7	58.3	85.0	91.7	99.0	93.7	70.0	87.6
SUNSET GOLD (KZ-2)	96.8	78.3	55.0	80.0	93.3	99.0	91.6	71.7	87.6
ESCALANTE (GO-1BFD)	97.8	72.5	63.3	81.7	93.3	98.7	94.1	71.7	87.6
3RD MILLENNIUM SRP	97.6	71.7	68.3	83.3	97.0	99.0	93.4	68.3	87.6
BLADE RUNNER II (PSG-85QR)	97.8	71.7	55.0	81.7	90.0	99.0	92.0	70.0	87.5
RK 4	97.3	75.0	61.7	83.3	93.3	98.7	93.9	61.7	87.5
AST9001 (AST-3)	97.0	75.0	65.0	81.7	93.3	99.0	92.5	61.7	87.5
EINSTEIN	97.7	73.3	53.3	80.0	93.3	98.3	92.9	70.0	87.4
VENTURE (J-140)	97.6	68.3	53.3	80.0	95.0	99.0	93.3	76.7	87.4
FINELAWN XPRESS (RP 2)	96.8	71.7	65.0	76.7	91.7	99.0	92.9	71.7	87.4
SPYDER LS (Z-2000)	97.4	63.3	55.0	80.0	90.0	99.0	93.3	78.3	87.4
LS 1200 (SC-1)	97.4	66.7	53.3	80.0	93.3	98.7	94.5	73.3	87.4
06-DUST	97.7	71.7	56.7	75.0	91.7	99.0	93.2	70.0	87.3
AST1001 (AST-4)	96.7	78.3	48.3	76.7	93.3	99.0	91.2	70.0	87.2
XTREMEGREEN (BGR-TF2)	97.1	70.0	48.3	80.0	95.0	99.0	92.5	70.0	87.2
J-130	97.0	75.0	50.0	81.7	91.7	99.0	91.5	70.0	87.2
MUSTANG 4 (M4)	97.2	68.3	58.3	78.3	91.7	99.0	93.4	70.0	87.1
CROSSFIRE 3 (COL-J)	97.6	71.7	60.0	81.7	91.7	98.7	91.9	70.0	87.0
MAGELLAN	97.2	73.3	65.0	80.0	88.3	98.7	92.3	70.0	87.0
KY-41 (JT-41)	97.6	75.0	60.0	76.7	95.0	99.0	91.4	66.7	87.0
GOLD MEDALLION (KZ-1)	96.9	71.7	60.0	75.0	90.0	99.0	91.6	68.3	87.0
FAITH (K06-WA)	97.3	66.7	60.0	78.3	95.7	98.7	94.0	66.7	87.0
HUNTER	96.9	71.7	51.7	81.7	94.3	99.0	91.2	75.0	87.0
FAT CAT (IS-TF-161)	96.9	70.8	58.3	83.3	93.3	99.0	91.1	70.0	86.9
COMPETE (LS-06)	96.9	76.7	51.7	80.0	90.0	99.0	91.9	65.3	86.9
VAN GOGH (LTP-RK2)	97.4	65.0	53.3	85.0	91.7	98.3	93.6	71.7	86.9
MVS-341	97.3	73.3	56.7	80.0	95.7	98.7	91.6	68.3	86.9
STR-8GRQR	97.4	71.7	51.7	76.7	90.0	98.7	92.7	66.7	86.9
PATAGONIA (GWTF)	96.9	75.0	53.3	75.0	96.0	98.7	92.1	65.0	86.8
PEDIGREE (ATF-1199)	97.4	71.7	53.3	81.7	90.7	99.0	91.8	68.3	86.8
RENOVATE (LS-11)	97.3	73.3	58.3	78.3	86.7	99.0	90.8	68.3	86.8
TALLADEGA (RP 3)	97.4	70.0	60.0	83.3	91.7	99.0	92.0	68.3	86.8
LINDBERGH	97.9	67.5	68.3	80.0	95.0	98.3	92.7	73.3	86.8
RENDITION RX (PSG-RNDR)	97.3	75.0	51.7	83.3	90.0	99.0	91.6	70.0	86.7
BAR FA 6253	97.0	61.7	53.3	81.7	95.0	98.7	92.2	83.3	86.7
JUSTICE	98.0	71.7	55.0	78.3	90.0	99.0	92.1	75.0	86.6
PLATO	97.9	70.0	58.3	78.3	95.0	98.7	92.0	70.0	86.6
TOCCOA (IS-TF-151)	97.2	71.7	56.7	76.7	95.0	99.0	91.1	70.0	86.6
AST9003 (AST-1)	97.4	71.7	55.0	80.0	91.7	99.0	91.5	73.3	86.6
TERRIER (IS-TF-135)	97.6	65.0	53.3	75.0	95.0	99.0	91.8	73.3	86.5
ESCALADE	97.9	68.3	65.0	81.7	86.7	98.7	92.6	66.7	86.5
ESSENTIAL (IS-TF-154)	97.2	71.7	58.3	81.7	91.7	99.0	92.1	75.0	86.5
DARLINGTON (CS-TF1)	96.6	73.3	50.0	80.0	93.3	99.0	91.1	70.0	86.5
HEMI	97.8	71.7	50.0	81.7	90.0	99.0	92.3	60.0	86.3

TABLE 22. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	IA1	MD1	MO1	RI1	TN1	VA1	MEAN
HONKY TONK (RAD-TF17)	97.0	71.7	63.3	76.7	88.3	99.0	92.8	66.7	86.3
COL-1	97.2	66.7	50.0	75.0	91.7	98.7	93.3	70.0	86.1
JAMBOREE (IS-TF-128)	97.2	60.8	61.7	80.0	93.3	99.0	93.3	70.0	86.1
TITAN ULTRA (PSG-TTRH)	97.3	70.0	60.0	78.3	95.0	98.3	91.3	70.0	86.0
TURBO RZ (BURL-TF8)	97.3	70.0	58.3	76.7	90.0	98.7	91.9	70.0	86.0
JT-33	97.6	66.7	61.7	76.7	91.7	98.7	90.7	71.7	85.9
UMBRELLA (DP 50-9411)	96.9	65.0	55.0	83.3	93.3	99.0	92.0	70.0	85.8
GUARDIAN 41 (STR-8BB5)	97.3	60.8	58.3	83.3	88.3	99.0	92.7	66.7	85.6
RNP	97.1	68.3	51.7	78.3	91.7	99.0	91.6	66.7	85.3
REBEL IV	97.7	58.5	63.3	83.3	95.0	98.7	92.3	73.3	85.3
HUDSON (DKS)	97.2	69.2	51.7	76.7	93.3	98.7	92.1	58.3	85.3
JT-45	97.2	63.3	61.7	80.0	90.0	99.0	91.3	66.7	85.3
TAHOE II	96.8	70.0	55.0	78.3	92.7	98.0	90.7	61.7	85.3
KY-31	98.0	63.3	68.3	86.7	91.7	96.3	89.6	78.3	85.3
FIRECRACKER LS (MVS-MST)	97.6	56.7	51.7	78.3	93.3	99.0	93.9	70.0	85.3
BAR FA 6363	97.3	68.3	55.0	80.0	91.7	98.7	91.7	51.7	84.8
Q312	97.4	64.2	50.0	76.7	93.3	99.0	91.2	70.0	84.7
COCHISE IV (RKCL)	97.7	56.7	61.7	76.7	91.7	98.7	92.4	61.7	84.2
SILVERADO	98.2	61.7	61.7	83.3	90.7	98.7	90.9	60.0	83.6
LSD VALUE	1.0	16.4	11.9	7.9	4.8	0.7	3.6	9.5	4.1
C.V. (%)	0.7	13.6	12.9	6.2	3.2	0.4	2.4	8.5	4.7

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 23. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	KY1	NM1	RI1	TN1	WA3	MEAN
GE-1	94.0	91.2	85.0	99.0	91.4	92.3	84.5	40.0	85.1
ESSENTIAL (IS-TF-154)	92.3	76.7	83.3	99.0	92.6	93.7	87.1	48.3	85.1
WOLFPACK II (PST-5WMB)	91.6	89.8	86.7	99.0	83.4	93.7	87.7	50.0	85.0
ESCALANTE (GO-1BFD)	90.9	83.8	86.7	99.0	86.8	97.3	86.7	45.0	84.4
MAGELLAN	92.3	76.7	86.7	96.0	87.5	96.7	89.7	41.7	84.3
SPEEDWAY (STR-8BPDx)	93.9	76.7	86.7	99.0	89.3	94.0	87.7	40.0	84.2
CEZANNE RZ (LTP-CRL)	91.2	83.2	73.3	97.7	88.2	92.0	88.6	46.7	84.2
SHENANDOAH III (SH 3)	93.6	75.0	81.7	96.7	88.5	94.3	88.1	45.0	84.1
MONET (LTP-610 CL)	89.9	83.2	88.3	99.0	91.5	94.0	84.5	41.7	84.1
FIRENZA	93.3	81.5	83.3	99.0	85.1	90.3	88.8	43.3	84.0
ARISTOTLE	92.3	90.0	81.7	99.0	88.4	89.0	85.1	40.0	83.8
EINSTEIN	92.3	81.7	81.7	97.7	92.2	91.3	86.7	35.0	83.8
FALCON V (ATM)	93.1	73.3	88.3	99.0	87.0	94.7	87.1	45.0	83.8
TURBO	93.9	76.7	85.0	99.0	91.3	94.3	85.5	36.7	83.6
HEMI	92.8	78.3	83.3	99.0	90.4	85.3	84.2	46.7	83.6
CORONA (COL-M)	92.3	92.0	70.0	99.0	86.0	93.3	85.7	40.0	83.5
MVS-1107	91.7	83.2	81.7	99.0	90.9	82.7	87.3	35.0	83.4
SR 8650 (STR-8LMM)	93.1	85.0	81.7	96.7	87.6	82.3	86.0	43.3	83.4
LS 1200 (SC-1)	94.2	75.0	83.3	99.0	85.6	94.0	86.5	45.0	83.4
RAPTOR II (MVS-TF-158)	90.9	81.7	80.0	97.7	86.0	91.7	87.2	41.7	83.1
CATALYST (NA-BT-1)	92.2	76.7	81.7	99.0	80.0	94.3	90.1	46.7	83.1
TANZANIA (IS-TF-159)	92.7	89.7	80.0	99.0	82.7	92.3	85.9	38.3	83.0
RHAMBLER SRP (RHAMBLER)	93.2	85.0	85.0	99.0	76.8	92.3	87.4	46.7	82.9
BULLSEYE	93.0	75.0	83.3	99.0	87.5	89.7	88.1	36.7	82.9
GAZELLE II (PST-5HP)	93.3	79.8	88.3	99.0	79.8	92.0	84.5	50.0	82.7
RK 5	92.1	83.2	90.0	94.3	84.6	93.7	82.9	43.3	82.6
VAN GOGH (LTP-RK2)	92.4	70.0	83.3	99.0	84.8	96.3	89.3	38.3	82.6
STR-8GRQR	91.8	73.3	78.3	94.3	90.9	96.3	85.3	38.3	82.6
FIRECRACKER LS (MVS-MST)	92.3	66.7	80.0	96.7	89.6	89.7	86.8	45.0	82.5
UMBRELLA (DP 50-9411)	91.4	68.3	83.3	96.0	87.1	93.3	86.9	45.0	82.5
BRAVEHEART (DP 50-9407)	93.2	78.0	85.0	99.0	83.9	85.3	86.8	40.0	82.4
FAT CAT (IS-TF-161)	93.1	75.0	75.0	96.7	91.5	88.3	83.1	41.7	82.4
FALCON IV	92.0	88.2	80.0	96.7	80.9	83.7	86.9	41.7	82.4
GARRISON (IS-TF-153)	93.1	80.0	85.0	96.0	84.3	93.7	83.7	41.7	82.3
VENTURE (J-140)	91.9	78.3	80.0	94.3	84.8	91.3	88.1	38.3	82.3
BAR FA 6363	91.1	83.9	70.0	99.0	84.5	91.0	86.9	40.0	82.3
XTREMEGREEN (BGR-TF2)	93.7	78.3	76.7	97.7	88.1	87.0	85.5	36.7	82.3
RK 4	90.6	81.7	81.7	99.0	87.2	91.0	82.5	41.7	82.3
NINJA 3 (ATF 1247)	91.1	83.3	83.3	99.0	87.3	84.0	83.0	40.0	82.2
ROCKET (IS-TF-147)	89.7	80.0	85.0	99.0	86.0	92.0	84.9	38.3	82.2
ESCALADE	92.0	76.7	86.7	97.7	80.9	94.3	85.8	46.7	82.2
TITANIUM LS (MVS-BB-1)	93.2	75.0	88.3	96.7	84.8	90.7	83.9	41.7	82.1
PEDIGREE (ATF-1199)	92.0	80.0	81.7	96.0	88.7	84.0	84.8	35.0	82.0
TOCCOA (IS-TF-151)	92.8	76.7	80.0	95.3	85.6	92.3	85.3	38.3	81.9
TAHOE II	93.2	75.0	81.7	99.0	83.4	93.3	84.4	43.3	81.9
SKYLINE	87.9	86.5	81.7	99.0	80.1	86.3	87.5	41.7	81.9
JT-36	91.2	81.7	81.7	99.0	81.3	82.7	87.1	41.7	81.9

TABLE 23. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	KY1	NM1	RI1	TN1	WA3	MEAN
JT-42	92.4	81.2	88.3	96.0	78.3	90.7	87.1	40.0	81.8
GUARDIAN 41 (STR-8BB5)	89.2	68.3	86.7	96.0	83.8	93.7	85.7	48.3	81.8
GREENBROOKS (TG 50-9460)	90.4	79.2	85.0	96.0	87.0	86.3	84.1	38.3	81.7
HONKY TONK (RAD-TF17)	90.1	76.7	86.7	99.0	80.8	94.0	84.8	45.0	81.7
GOLD MEDALLION (KZ-1)	92.4	78.3	83.3	96.0	87.8	92.3	82.1	36.7	81.7
LINDBERGH	91.2	72.5	86.7	99.0	87.8	90.3	86.7	30.0	81.7
J-130	92.1	81.7	71.7	96.7	87.4	93.3	81.9	38.3	81.4
PSG-82BR	91.7	65.0	81.7	99.0	83.7	95.7	87.3	40.0	81.3
MVS-341	92.2	76.7	73.3	99.0	83.0	92.7	85.0	40.0	81.3
TERRIER (IS-TF-135)	91.8	71.7	80.0	99.0	87.8	92.3	83.9	36.7	81.3
FAITH (K06-WA)	94.0	78.3	88.3	96.0	73.6	95.3	86.4	43.3	81.2
LS 1010 (ATF 1328)	90.8	80.0	65.0	92.0	91.4	87.3	82.9	35.0	81.0
MUSTANG 4 (M4)	94.7	75.0	86.7	99.0	74.3	92.3	86.3	45.0	81.0
TURBO RZ (BURL-TF8)	92.7	75.0	85.0	94.3	75.9	92.3	89.1	40.0	80.9
TRAVERSE SRP (RK-1)	94.0	80.0	85.0	99.0	76.8	90.0	82.9	45.0	80.9
06-WALK	89.7	81.7	75.0	94.3	81.3	93.3	84.7	40.0	80.9
PLATO	92.2	75.0	86.7	99.0	80.8	90.3	84.1	38.3	80.7
RENDITION RX (PSG-RNDR)	92.3	81.7	75.0	93.7	81.2	85.0	85.4	36.7	80.6
DARLINGTON (CS-TF1)	90.4	78.3	76.7	96.7	83.8	89.3	81.6	43.3	80.6
BLADE RUNNER II (PSG-85QR)	91.3	80.0	83.3	97.7	70.4	88.3	88.5	45.0	80.6
JAMBOREE (IS-TF-128)	93.2	72.5	85.0	99.0	74.4	93.7	87.2	41.7	80.6
AST 7002	91.2	84.8	76.7	99.0	77.3	92.7	84.7	38.3	80.6
06-DUST	91.0	80.0	83.3	99.0	75.8	96.0	85.2	40.0	80.6
AST7003	90.6	80.0	80.0	99.0	79.6	89.0	84.6	40.0	80.5
REMBRANDT	92.2	81.7	85.0	99.0	80.3	89.7	82.6	35.0	80.5
PADRE	91.8	86.7	81.7	99.0	69.6	95.7	85.9	45.0	80.5
TULSA TIME (TULSA III)	88.4	78.2	83.3	99.0	83.5	92.0	82.5	36.7	80.4
HUDSON (DKS)	88.9	82.5	66.7	99.0	85.5	89.7	83.3	35.0	80.3
STETSON II (NA-SS)	89.4	86.2	83.3	92.7	79.8	89.0	81.7	40.0	80.2
PATAGONIA (GWTF)	91.2	78.3	83.3	96.7	75.7	86.7	86.1	41.7	80.2
REBEL IV	92.0	80.0	90.0	93.0	74.0	92.7	85.2	38.3	80.1
AST9002 (AST-2)	90.4	83.2	88.3	92.7	75.3	91.7	85.7	35.0	80.0
CANNAVARO (DP 50-9440)	88.7	70.0	85.0	99.0	86.1	90.3	81.5	36.7	80.0
TITAN RX (PSG-TTST)	90.3	78.3	83.3	93.0	76.9	94.0	86.4	35.0	79.9
BILTMORE	92.4	80.8	88.3	99.0	78.0	92.7	82.3	31.7	79.9
KY-41 (JT-41)	89.0	78.3	86.7	96.0	80.1	84.7	83.1	38.3	79.8
SUNSET GOLD (KZ-2)	86.4	83.3	80.0	94.7	80.6	93.0	83.0	35.0	79.6
3RD MILLENNIUM SRP	92.3	79.8	91.7	99.0	68.4	92.7	84.0	43.3	79.5
SILVERADO	87.0	70.0	86.7	89.7	86.8	92.0	81.5	35.0	79.2
AST9001 (AST-3)	89.1	85.0	86.7	99.0	79.7	89.0	77.9	36.7	79.1
FALCON NG (CE 1)	92.9	85.0	90.0	99.0	68.3	85.7	86.5	31.7	79.1
TALLADEGA (RP 3)	93.4	73.3	83.3	99.0	69.8	94.0	85.4	41.7	79.1
AST 7001	90.6	79.8	66.7	94.3	75.6	84.3	86.8	38.3	79.1
AST1001 (AST-4)	88.6	84.7	78.3	99.0	73.2	87.3	84.3	40.0	79.0
COL-1	89.7	71.7	81.7	94.3	72.6	93.3	88.0	36.7	78.9
RENOVATE (LS-11)	90.2	78.3	80.0	92.0	77.4	94.3	81.1	40.0	78.9
SPYDER LS (Z-2000)	93.4	73.3	85.0	99.0	69.3	86.0	84.9	41.7	78.5

TABLE 23. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	GA1	IA1	KY1	NM1	RI1	TN1	WA3	MEAN
JUSTICE	92.1	73.3	86.7	99.0	76.7	78.0	81.9	38.3	78.5
CROSSFIRE 3 (COL-J)	93.0	76.7	85.0	96.7	76.6	82.0	81.2	35.0	78.5
TRIO (IS-TF-152)	91.0	79.2	81.7	99.0	68.1	82.3	84.3	46.7	78.4
SIDEWINDER (IS-TF-138)	91.8	86.5	76.7	99.0	60.8	93.0	87.7	40.0	78.3
COCHISE IV (RKCL)	91.1	74.2	83.3	99.0	71.8	83.7	83.9	41.7	78.3
FINELAWN XPRESS (RP 2)	91.4	76.7	88.3	99.0	65.0	82.0	87.5	40.0	78.2
TITAN ULTRA (PSG-TTRH)	91.2	75.0	88.3	96.0	66.3	94.7	85.1	38.3	78.0
RNP	88.3	85.0	78.3	99.0	65.3	89.3	84.9	38.3	77.8
JT-33	91.7	71.7	83.3	96.0	71.7	86.3	82.7	40.0	77.7
BAR FA 6253	91.6	70.0	88.3	97.7	68.7	93.3	83.1	40.0	77.5
INTEGRITY (BGR-TF1)	89.4	81.7	68.3	99.0	68.8	86.0	84.9	38.3	77.5
0312	87.1	66.7	73.3	99.0	77.8	93.7	84.4	31.7	77.4
JT-45	89.9	71.5	85.0	99.0	69.1	89.7	83.7	36.7	77.3
SHENANDOAH ELITE (RK 6)	91.1	77.5	88.3	99.0	56.5	88.7	86.4	45.0	77.1
REUNION (LS-03)	89.9	76.7	71.7	99.0	69.0	82.7	83.1	38.3	76.6
COMPETE (LS-06)	88.7	80.8	80.0	99.0	66.6	90.0	81.2	38.3	76.5
HUNTER	86.7	78.3	81.7	96.0	69.3	92.7	81.0	33.3	76.2
AST9003 (AST-1)	88.3	76.7	71.7	93.0	64.7	89.3	84.9	41.7	76.1
KY-31	93.1	75.8	85.0	99.0	66.4	89.0	84.1	21.7	76.1
LSD VALUE	6.3	15.3	12.3	5.9	28.1	16.0	13.0	14.0	8.6
C.V. (%)	4.4	11.6	9.3	3.8	23.0	11.0	9.9	22.1	13.4

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 24. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	KY1	MO1	NM1	TN1	WA3	MEAN
LS 1200 (SC-1)	93.7	96.0	98.0	85.0	41.7	96.9	93.9	53.3	90.0
MONET (LTP-610 CL)	94.1	99.0	97.7	88.0	33.3	97.1	94.7	43.3	89.4
ESSENTIAL (IS-TF-154)	96.3	97.7	97.3	88.0	33.3	96.3	93.3	46.7	89.3
SPEEDWAY (STR-8BPDx)	96.4	96.0	95.0	97.7	31.7	95.4	94.3	40.0	89.2
RK 4	95.2	96.0	97.7	88.0	45.0	96.4	93.8	36.7	89.1
RK 5	96.7	99.0	98.0	87.3	40.0	92.2	93.4	43.3	88.9
SR 8650 (STR-8LMM)	96.3	93.0	96.7	92.7	33.3	93.0	94.6	43.3	88.8
FIRENZA	96.6	86.3	97.7	90.3	40.0	94.1	93.7	40.0	88.8
RHAMBler SRP (RHAMBler)	96.2	93.0	98.0	93.0	31.7	95.2	94.6	33.3	88.7
BULLSEYE	96.7	86.7	97.0	85.0	30.0	96.7	94.9	36.7	88.6
CATALYST (NA-BT-1)	97.1	96.0	96.7	92.0	35.0	90.1	95.1	40.0	88.6
HEMI	94.1	92.7	96.0	79.7	33.3	97.1	93.5	46.7	88.5
FALCON V (ATM)	94.9	93.0	96.7	94.7	38.3	94.0	94.2	33.3	88.5
WOLFPACK II (PST-5WMB)	96.8	94.5	95.7	84.7	46.7	86.3	95.4	50.0	88.5
GAZELLE II (PST-5HP)	96.8	83.3	96.7	85.0	35.0	94.0	95.3	40.0	88.5
LS 1010 (ATF 1328)	95.9	93.0	95.0	96.0	30.0	96.2	94.2	30.0	88.4
SHENANDOAH III (SH 3)	93.3	94.5	98.3	92.0	33.3	91.0	94.5	43.3	88.2
BRAVEHEART (DP 50-9407)	96.7	90.0	97.0	81.7	40.0	94.8	93.5	40.0	88.2
TRVERSE SRP (RK-1)	94.7	96.0	94.3	88.3	38.3	87.0	94.9	43.3	87.9
3RD MILLENNIUM SRP	96.0	96.0	98.7	85.7	50.0	87.9	93.5	40.0	87.9
VAN GOGH (LTP-RK2)	95.6	89.7	95.7	85.0	33.3	96.2	93.1	33.3	87.8
CEZANNE RZ (LTP-CRL)	96.4	93.0	95.7	81.7	26.7	92.3	94.7	40.0	87.8
GARRISON (IS-TF-153)	96.7	93.0	94.7	83.0	26.7	94.6	94.5	33.3	87.7
GE-1	96.7	99.0	97.0	68.3	30.0	97.2	94.7	30.0	87.6
ROCKET (IS-TF-147)	95.4	96.0	95.0	84.7	28.3	94.8	93.4	33.3	87.5
GUARDIAN 41 (STR-8BB5)	95.7	85.0	95.7	83.3	36.7	93.3	93.9	40.0	87.5
REBEL IV	96.0	96.0	98.3	88.0	36.7	91.0	94.1	30.0	87.5
FIRECRACKER LS (MVS-MST)	95.0	93.0	93.7	92.7	31.7	91.4	94.3	33.3	87.5
TANZANIA (IS-TF-159)	96.4	96.0	95.3	88.0	26.7	93.3	94.2	30.0	87.5
SKYLINE	96.4	96.0	94.0	85.0	38.3	91.0	93.5	36.7	87.4
FAT CAT (IS-TF-161)	96.8	86.3	95.3	73.3	31.7	96.0	93.9	36.7	87.3
RAPTOR II (MVS-TF-158)	97.0	89.7	96.7	78.3	31.7	95.2	93.5	33.3	87.3
JAMBOREE (IS-TF-128)	95.8	90.0	96.7	93.0	31.7	87.4	93.9	43.3	87.3
ESCALADE	96.3	89.7	96.7	88.0	41.7	91.0	93.5	33.3	87.3
TURBO	96.0	93.0	95.7	81.7	23.3	97.3	94.0	23.3	87.2
BLADE RUNNER II (PSG-85QR)	96.7	89.7	96.7	81.7	33.3	91.0	93.0	43.3	87.2
MVS-1107	96.8	89.7	94.3	80.7	30.0	95.8	93.1	30.0	87.1
FAITH (K06-WA)	96.7	92.7	98.3	89.3	35.0	85.4	94.3	40.0	87.1
GREENBROOKS (TG 50-9460)	96.0	96.0	97.7	85.7	33.3	93.7	94.1	23.3	87.0
PSG-82BR	94.7	96.0	95.0	93.0	33.3	91.0	93.4	30.0	87.0
TERRIER (IS-TF-135)	96.0	80.0	96.0	81.7	33.3	96.2	93.5	30.0	86.9
MVS-341	95.9	96.0	95.7	86.3	43.3	90.9	92.5	33.3	86.9
VENTURE (J-140)	93.3	90.0	97.7	75.0	28.3	95.4	94.3	30.0	86.9
STR-8GRQR	96.8	86.3	95.3	76.7	33.3	93.2	94.3	30.0	86.8
FALCON IV	97.0	99.0	97.0	73.3	41.7	90.2	94.0	26.7	86.8
COCHISE IV (RKCL)	94.7	86.3	97.7	96.0	41.7	81.8	93.5	43.3	86.7
UMBRELLA (DP 50-9411)	96.0	86.7	97.7	66.7	38.3	93.3	93.1	36.7	86.7



TABLE 24. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	KY1	MO1	NM1	TN1	WA3	MEAN
BAR FA 6363	97.0	86.3	95.3	70.0	30.0	93.8	93.5	36.7	86.6
XTREMEGREEN (BGR-TF2)	96.4	83.3	96.3	78.3	43.3	91.6	93.7	30.0	86.6
PEDIGREE (ATF-1199)	96.4	79.7	95.7	75.0	30.0	96.7	93.3	26.7	86.4
HONKY TONK (RAD-TF17)	95.3	96.0	94.7	70.0	30.0	92.3	93.5	33.3	86.3
AST 7002	96.3	96.0	97.0	76.7	36.7	90.6	93.2	26.7	86.3
TITANIUM LS (MVS-BB-1)	95.9	96.0	97.0	78.0	35.0	86.9	94.7	33.3	86.3
COL-1	95.2	93.0	95.3	81.7	28.3	88.0	93.7	40.0	86.3
REMBRANDT	96.4	96.0	96.0	73.3	26.7	95.0	93.2	26.7	86.2
MAGELLAN	96.3	93.0	98.3	63.3	38.3	92.4	93.5	30.0	86.2
NINJA 3 (ATF 1247)	96.6	93.0	95.0	86.7	30.0	87.7	92.8	33.3	86.1
JT-42	96.3	80.0	96.7	83.0	30.0	90.0	92.8	36.7	86.0
TOCCOA (IS-TF-151)	97.1	86.7	94.0	79.0	30.0	92.2	93.5	23.3	86.0
ESCALANTE (GO-1BFD)	94.2	79.3	93.7	76.7	30.0	92.4	94.5	30.0	85.9
AST7003	94.3	93.0	95.3	76.7	35.0	87.4	93.6	33.3	85.8
LINDBERGH	93.3	73.0	98.7	75.0	50.0	95.7	93.7	13.3	85.7
KY-41 (JT-41)	95.6	90.0	97.0	70.0	31.7	91.6	93.2	30.0	85.7
JT-36	94.7	86.7	94.7	70.0	23.3	92.9	93.7	33.3	85.7
SPYDER LS (Z-2000)	96.3	76.7	97.3	89.3	26.7	84.8	93.5	33.3	85.7
TITAN RX (PSG-TTST)	95.3	96.0	97.0	79.7	36.7	83.4	94.5	30.0	85.6
TULSA TIME (TULSA III)	96.3	83.3	94.3	78.3	30.0	91.3	94.1	23.3	85.6
EINSTEIN	96.7	96.0	98.3	75.0	36.7	91.7	93.5	13.3	85.6
J-130	95.7	93.0	95.3	86.7	28.3	87.1	93.1	30.0	85.6
PLATO	96.1	92.7	98.0	78.3	41.7	89.9	92.5	20.0	85.5
AST9002 (AST-2)	96.1	99.0	96.7	86.3	36.7	84.2	93.2	26.7	85.5
BAR FA 6253	96.6	89.7	95.3	88.0	36.7	82.7	93.2	33.3	85.4
STETSON II (NA-SS)	96.6	86.7	92.3	71.7	31.7	89.7	93.7	26.7	85.3
TAHOE II	96.3	86.7	94.0	76.7	33.3	88.0	92.9	26.7	85.3
DARLINGTON (CS-TF1)	95.9	93.0	93.0	82.3	23.3	87.1	92.7	36.7	85.3
CANNAVARO (DP 50-9440)	93.7	93.0	96.7	78.3	30.0	85.7	94.9	26.7	85.2
JUSTICE	93.9	99.0	98.0	85.0	31.7	85.7	92.9	26.7	85.2
PATAGONIA (GWTF)	96.4	89.7	94.0	80.0	31.7	89.8	92.3	26.7	85.2
TALLADEGA (RP 3)	96.7	89.7	93.3	84.7	35.0	83.3	93.7	30.0	85.1
HUDSON (DKS)	94.7	79.7	94.7	88.3	33.3	89.2	91.9	26.7	84.8
JT-45	96.3	83.3	95.3	85.0	26.7	84.9	92.7	33.3	84.8
CORONA (COL-M)	96.7	79.3	94.7	80.0	31.7	88.2	92.2	30.0	84.8
AST9001 (AST-3)	96.0	76.3	95.7	90.3	36.7	82.3	93.8	30.0	84.8
06-WALK	95.6	96.0	92.3	76.7	30.0	89.3	92.4	23.3	84.7
SHENANDOAH ELITE (RK 6)	96.7	90.0	97.7	94.3	33.3	69.1	94.9	46.7	84.5
SIDEWINDER (IS-TF-138)	97.1	93.0	96.0	77.3	26.7	77.9	93.4	33.3	84.5
BILTMORE	96.6	89.7	96.7	80.0	31.7	86.0	92.5	26.7	84.5
JT-33	96.2	93.0	96.7	73.3	31.7	85.2	92.7	30.0	84.5
GOLD MEDALLION (KZ-1)	96.0	90.0	93.3	81.7	26.7	85.7	92.9	26.7	84.4
TRIO (IS-TF-152)	96.8	90.0	96.0	68.3	31.7	78.3	94.1	36.7	84.1
RENDITION RX (PSG-RNDR)	96.7	93.0	91.7	81.3	31.7	82.1	93.1	26.7	84.1
MUSTANG 4 (M4)	96.3	93.0	94.0	81.7	26.7	73.0	94.9	40.0	84.1
ARISTOTLE	95.9	99.0	96.0	61.7	36.7	90.0	91.8	16.7	84.0
AST 7001	95.2	90.0	96.7	71.7	28.3	87.3	93.3	20.0	84.0

TABLE 24. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	GA1	IN1	KY1	MO1	NM1	TN1	WA3	MEAN
FINELAWN XPRESS (RP 2)	96.3	86.7	96.3	86.7	35.0	70.7	94.1	36.7	83.9
PADRE	96.1	99.0	97.0	84.7	41.7	70.9	93.8	36.7	83.9
CROSSFIRE 3 (COL-J)	95.7	93.0	95.3	83.0	25.0	81.8	92.7	26.7	83.8
SILVERADO	89.6	99.0	96.0	70.0	35.0	86.8	92.3	26.7	83.8
RNP	95.6	89.7	95.7	87.0	40.0	75.2	93.2	30.0	83.8
FALCON NG (CE 1)	96.6	96.0	95.3	86.3	26.7	77.3	94.4	16.7	83.6
INTEGRITY (BGR-TF1)	95.3	86.7	95.0	76.7	31.7	78.6	93.0	30.0	83.3
AST1001 (AST-4)	94.9	91.7	96.0	80.0	35.0	77.9	93.2	26.7	83.3
RENOVATE (LS-11)	95.9	96.0	95.3	75.7	20.0	78.2	92.2	36.7	83.2
06-DUST	95.4	96.0	96.3	89.7	43.3	67.9	93.7	33.3	83.0
TITAN ULTRA (PSG-TTRH)	96.4	99.0	96.7	78.3	45.0	71.4	92.7	30.0	82.9
TURBO RZ (BURL-TF8)	94.7	99.0	95.7	66.7	28.3	71.1	94.4	33.3	82.6
SUNSET GOLD (KZ-2)	94.3	96.0	94.0	85.0	33.3	73.4	92.9	26.7	82.5
COMPETE (LS-06)	95.7	93.0	95.0	81.7	25.0	72.3	92.9	33.3	82.5
REUNION (LS-03)	92.3	96.0	96.3	89.7	33.3	71.8	92.9	26.7	82.4
AST9003 (AST-1)	95.2	88.0	94.7	71.7	26.7	72.2	93.5	30.0	82.0
Q312	94.6	91.3	93.7	73.3	25.7	72.7	92.8	23.3	81.1
HUNTER	94.0	89.7	94.3	78.3	38.3	64.8	92.7	26.7	80.4
KY-31	96.2	86.3	97.7	56.7	36.7	74.0	89.0	10.0	78.1
LSD VALUE	3.3	15.8	3.2	17.3	14.2	24.9	3.3	18.0	6.9
C.V. (%)	2.2	10.6	2.1	13.1	26.4	18.0	2.2	34.8	9.2

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 25. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	TX1	NAME	TX1
FAITH (K06-WA)	7.3	CANNAVARO (DP 50-9440)	6.3
GE-1	7.3	ESSENTIAL (IS-TF-154)	6.3
MONET (LTP-610 CL)	7.3	FIRECRACKER LS (MVS-MST)	6.3
NINJA 3 (ATF 1247)	7.3	GARRISON (IS-TF-153)	6.3
RHAMBLER SRP (RHAMBLER)	7.3	GAZELLE II (PST-5HP)	6.3
SPEEDWAY (STR-8BPDx)	7.3	INTEGRITY (BGR-TF1)	6.3
BLADE RUNNER II (PSG-85QR)	7.0	JAMBOREE (IS-TF-128)	6.3
BULLSEYE	7.0	JT-36	6.3
CATALYST (NA-BT-1)	7.0	KY-31	6.3
CEZANNE RZ (LTP-CRL)	7.0	KY-41 (JT-41)	6.3
FALCON V (ATM)	7.0	LINDBERGH	6.3
HONKY TONK (RAD-TF17)	7.0	MUSTANG 4 (M4)	6.3
JUSTICE	7.0	MVS-1107	6.3
LS 1200 (SC-1)	7.0	PADRE	6.3
RK 4	7.0	PATAGONIA (GWTF)	6.3
RK 5	7.0	PSG-82BR	6.3
STR-8GRQR	7.0	RENDITION RX (PSG-RNDR)	6.3
TALLADEGA (RP 3)	7.0	SHENANDOAH III (SH 3)	6.3
TRAVERSE SRP (RK-1)	7.0	TITAN RX (PSG-TTST)	6.3
TRIO (IS-TF-152)	7.0	TITAN ULTRA (PSG-TTRH)	6.3
UMBRELLA (DP 50-9411)	7.0	TITANIUM LS (MVS-BB-1)	6.3
06-DUST	6.7	TULSA TIME (TULSA III)	6.3
ESCALADE	6.7	TURBO	6.3
ESCALANTE (GO-1BFD)	6.7	TURBO RZ (BURL-TF8)	6.3
FALCON IV	6.7	WOLFPACK II (PST-5WMB)	6.3
FAT CAT (IS-TF-161)	6.7	XTREMEGREEN (BGR-TF2)	6.3
FINELAWN XPRESS (RP 2)	6.7	ARISTOTLE	6.0
HEMI	6.7	AST7003	6.0
MAGELLAN	6.7	BAR FA 6253	6.0
MVS-341	6.7	BILTMORE	6.0
REMBRANDT	6.7	DARLINGTON (CS-TF1)	6.0
RNP	6.7	FALCON NG (CE 1)	6.0
SPYDER LS (Z-2000)	6.7	HUDSON (DKS)	6.0
SR 8650 (STR-8LMM)	6.7	HUNTER	6.0
STETSON II (NA-SS)	6.7	J-130	6.0
GUARDIAN 41 (STR-8BB5)	6.7	PEDIGREE (ATF-1199)	6.0
TANZANIA (IS-TF-159)	6.7	RAPTOR II (MVS-TF-158)	6.0
VAN GOGH (LTP-RK2)	6.7	SHENANDOAH ELITE (RK 6)	6.0
VENTURE (J-140)	6.7	SIDEWINDER (IS-TF-138)	6.0
3RD MILLENNIUM SRP	6.3	SILVERADO	6.0
AST 7002	6.3	SKYLINE	6.0
AST1001 (AST-4)	6.3	TAHOE II	6.0
AST9001 (AST-3)	6.3	TERRIER (IS-TF-135)	6.0
AST9002 (AST-2)	6.3	TOCCOA (IS-TF-151)	6.0
BAR FA 6363	6.3	0312	5.7
BRAVEHEART (DP 50-9407)	6.3	06-WALK	5.7
		AST 7001	5.7

TABLE 25. FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	TX1
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.
- 3/ FROST TOLERANCE RATED IN 2011 ONLY.

TABLE 26.

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	PA1	TN1	WA3	MEAN
LS 1200 (SC-1)	6.7	4.9	5.3	6.3	7.6	6.3	6.0	5.0	6.2
BRAVEHEART (DP 50-9407)	6.0	5.8	5.0	5.8	7.4	6.3	6.3	4.8	6.1
CATALYST (NA-BT-1)	6.5	5.3	5.0	5.8	6.9	6.0	5.5	5.1	5.9
GE-1	6.4	5.8	5.0	5.8	6.2	5.7	6.2	5.1	5.9
RHAMBLER SRP (RHAMBLER)	6.3	5.4	5.7	5.6	7.2	5.3	5.8	4.7	5.9
MONET (LTP-610 CL)	6.2	5.6	6.0	5.7	7.2	5.7	6.0	4.2	5.9
FALCON V (ATM)	6.5	5.0	5.3	6.0	6.7	6.0	5.2	5.3	5.9
3RD MILLENNIUM SRP	6.1	5.4	6.0	5.4	6.4	6.3	6.2	5.1	5.8
WOLFPACK II (PST-5WMB)	6.1	5.3	5.0	5.9	6.9	5.7	5.3	5.0	5.8
TRAVERSE SRP (RK-1)	6.1	5.2	5.3	6.0	6.8	6.0	5.5	4.6	5.8
RK 5	6.2	5.1	5.0	5.9	7.0	6.3	5.7	4.3	5.8
GARRISON (IS-TF-153)	5.8	5.3	5.7	5.6	6.8	6.7	6.2	4.4	5.8
CEZANNE RZ (LTP-CRL)	5.6	5.4	5.7	6.1	6.2	6.0	6.3	4.8	5.8
JAMBOREE (IS-TF-128)	6.3	4.6	5.3	5.7	6.5	6.3	7.0	4.3	5.8
FAITH (K06-WA)	6.5	4.6	5.7	5.8	6.3	6.3	5.8	4.8	5.8
FIRECRACKER LS (MVS-MST)	5.9	4.0	5.0	5.7	6.8	6.0	6.5	5.0	5.8
ROCKET (IS-TF-147)	5.8	5.2	5.7	5.5	6.9	6.0	6.3	4.4	5.8
TANZANIA (IS-TF-159)	5.8	5.8	5.0	5.5	6.6	6.7	5.8	4.7	5.7
SHENANDOAH III (SH 3)	6.2	5.2	4.7	5.7	6.8	6.0	5.3	4.8	5.7
SR 8650 (STR-8LMM)	5.9	5.2	5.3	5.2	6.4	6.3	6.3	4.8	5.7
RK 4	5.9	5.3	4.7	5.8	6.3	6.0	6.2	4.2	5.7
GAZELLE II (PST-5HP)	5.8	5.0	5.3	5.7	6.9	5.7	5.7	4.6	5.7
SPYDER LS (Z-2000)	5.7	5.2	4.3	5.6	6.4	6.3	6.7	4.4	5.7
SKYLINE	5.8	5.7	6.0	5.4	6.3	6.0	5.7	4.8	5.7
TURBO	5.8	5.1	5.3	5.6	6.3	6.0	5.8	5.0	5.7
BULLSEYE	6.2	5.1	5.3	5.5	6.3	5.7	5.7	4.8	5.7
FAT CAT (IS-TF-161)	5.5	5.2	5.3	5.6	6.8	7.3	5.7	4.3	5.7
GOLD MEDALLION (KZ-1)	5.8	5.6	5.3	5.4	6.8	6.7	5.5	4.3	5.7
SPEEDWAY (STR-8BPD)	6.0	5.6	5.3	5.5	7.0	6.0	4.8	4.2	5.7
REBEL IV	6.1	5.3	5.0	5.3	6.9	5.3	5.7	4.7	5.7
MUSTANG 4 (M4)	6.3	4.7	5.3	5.5	6.2	6.3	6.0	4.6	5.6
PATAGONIA (GWTF)	5.5	5.2	4.7	5.3	7.1	7.3	6.2	4.1	5.6
AST7003	5.5	5.4	5.3	5.4	6.7	6.7	6.0	4.3	5.6
VENTURE (J-140)	6.0	4.7	5.0	5.6	7.1	6.0	5.2	4.2	5.6
REUNION (LS-03)	5.5	5.3	5.3	5.3	6.8	6.7	5.8	4.2	5.6
REMBRANDT	5.6	5.1	5.3	5.6	6.9	5.7	5.3	4.3	5.6
PEDIGREE (ATF-1199)	5.8	4.9	5.0	5.5	7.0	6.3	5.5	4.2	5.6
GUARDIAN 41 (STR-8BB5)	5.8	4.7	5.0	5.6	6.8	6.0	5.7	4.6	5.6
COCHISE IV (RKCL)	6.1	4.0	5.3	5.8	6.6	6.3	6.0	4.1	5.6
FALCON IV	5.8	5.7	4.7	5.7	6.4	5.7	5.3	4.3	5.6
SUNSET GOLD (KZ-2)	5.3	5.6	5.0	5.3	6.4	7.3	6.5	4.2	5.6
SIDEWINDER (IS-TF-138)	5.4	5.9	4.7	5.3	6.2	6.7	6.3	4.4	5.6
HONKY TONK (RAD-TF17)	5.8	4.8	4.7	5.4	6.6	7.0	6.0	4.2	5.6
RNP	5.4	5.0	5.3	5.3	6.8	6.7	6.0	4.2	5.6
HUNTER	5.5	5.1	5.3	5.3	6.4	7.0	6.3	4.3	5.6
ESCALANTE (GO-1BFD)	6.0	4.8	5.3	5.7	6.4	5.3	5.5	4.6	5.6

TABLE 26.  
(CONT'D)

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	PA1	TN1	WA3	MEAN
GREENBROOKS (TG 50-9460)	6.4	5.3	5.0	5.5	5.6	6.0	5.8	4.6	5.6
TOCCOA (IS-TF-151)	5.4	5.1	5.0	5.4	6.7	6.7	6.0	4.4	5.6
JUSTICE	6.0	4.9	5.3	5.4	6.7	5.7	5.3	4.4	5.6
FALCON NG (CE 1)	5.8	5.6	5.3	5.7	6.1	5.7	5.3	4.4	5.6
VAN GOGH (LTP-RK2)	5.8	4.8	6.0	5.6	5.8	6.0	5.8	5.0	5.6
FIRENZA	6.3	5.4	5.0	5.5	5.6	6.0	5.5	4.8	5.6
UMBRELLA (DP 50-9411)	5.5	4.1	5.3	5.4	6.5	6.0	6.2	5.0	5.5
AST9001 (AST-3)	5.6	5.5	5.3	5.3	6.3	7.0	5.8	4.2	5.5
BLADE RUNNER II (PSG-85QR)	5.8	5.2	5.0	5.5	6.1	6.0	6.3	4.1	5.5
AST9002 (AST-2)	5.6	5.3	5.0	5.4	6.3	7.0	6.0	4.1	5.5
FINELAWN XPRESS (RP 2)	5.8	5.1	5.7	5.6	6.1	6.0	5.2	4.8	5.5
TURBO RZ (BURL-TF8)	5.9	4.7	5.0	5.5	6.0	6.3	5.7	4.8	5.5
CORONA (COL-M)	5.7	5.6	5.3	5.5	5.9	6.3	6.2	4.1	5.5
AST 7001	5.1	5.1	4.7	5.5	6.8	7.0	6.2	3.7	5.5
AST9003 (AST-1)	5.3	5.0	6.7	5.5	6.7	7.0	5.3	4.0	5.5
COMPETE (LS-06)	5.4	5.4	5.0	5.3	6.3	6.7	6.2	4.1	5.5
ESSENTIAL (IS-TF-154)	6.1	5.1	5.7	5.5	6.5	5.3	5.0	4.1	5.5
SHENANDOAH ELITE (RK 6)	6.0	4.7	5.0	5.5	5.8	6.3	6.2	4.4	5.5
HEMI	5.8	4.9	4.7	5.4	5.9	6.0	6.0	4.7	5.5
MAGELLAN	5.7	4.8	5.0	5.6	6.3	5.7	5.7	4.3	5.5
RENOVATE (LS-11)	5.4	5.2	5.3	5.3	6.3	7.0	6.0	4.2	5.5
TALLADEGA (RP 3)	6.2	4.7	5.0	5.5	6.3	6.0	5.5	4.1	5.5
HUDSON (DKS)	5.5	4.7	5.0	5.2	6.3	6.7	6.3	4.4	5.5
TULSA TIME (TULSA III)	5.3	5.3	5.3	5.7	5.8	6.7	6.0	4.3	5.5
06-DUST	5.4	5.1	5.0	5.5	6.5	6.0	5.2	4.3	5.5
J-130	5.8	5.0	5.0	5.4	5.9	6.0	6.2	4.3	5.5
TITANIUM LS (MVS-BB-1)	6.3	4.9	4.7	5.4	5.8	5.7	5.5	4.6	5.4
COL-1	5.4	4.8	5.0	5.4	6.3	6.3	6.2	4.3	5.4
AST 7002	5.1	5.4	5.3	5.6	6.3	7.0	5.3	4.0	5.4
DARLINGTON (CS-TF1)	5.3	5.3	4.3	5.3	6.6	7.3	5.5	4.1	5.4
INTEGRITY (BGR-TF1)	5.4	5.6	5.0	5.3	6.2	6.7	5.8	4.0	5.4
EINSTEIN	5.3	5.2	5.0	5.5	5.9	6.0	6.2	4.2	5.4
XTREMEGREEN (BGR-TF2)	5.0	5.2	5.7	5.3	6.3	7.0	6.0	3.9	5.4
CROSSFIRE 3 (COL-J)	5.3	4.8	5.0	5.4	6.4	6.7	6.2	3.8	5.4
AST1001 (AST-4)	5.2	5.8	4.7	5.5	5.8	6.3	6.2	3.9	5.4
RAPTOR II (MVS-TF-158)	5.6	4.8	5.0	5.4	6.4	6.3	5.7	3.9	5.4
BAR FA 6253	6.1	4.4	4.7	5.6	5.6	6.3	5.5	4.4	5.4
MVS-1107	5.8	5.4	5.7	5.3	5.7	5.7	5.2	4.6	5.4
STR-8GRQR	5.7	4.9	5.3	5.4	5.8	6.0	5.8	4.3	5.4
LS 1010 (ATF 1328)	5.4	5.4	5.3	5.3	5.3	7.0	6.3	4.7	5.4
BAR FA 6363	4.9	4.9	5.0	5.5	6.4	7.0	6.2	3.8	5.4
MVS-341	5.3	5.1	5.0	5.5	5.8	6.0	5.8	4.6	5.4
TAHOE II	5.1	4.8	5.7	5.4	6.8	6.0	5.7	3.8	5.4
JT-42	5.6	5.2	4.7	5.3	6.3	5.7	5.7	3.8	5.4
PSG-82BR	6.0	5.0	5.0	5.6	5.9	6.0	4.7	4.2	5.4
JT-45	5.3	4.4	5.0	5.1	6.4	6.3	5.8	4.1	5.3
ESCALADE	5.5	4.7	5.3	5.5	5.8	6.0	5.3	4.7	5.3

TABLE 26. (CONT'D) WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	CA3	GA1	KY1	MS1	NC1	PA1	TN1	WA3	MEAN
KY-41 (JT-41)	5.3	5.6	5.0	5.3	6.2	6.0	5.2	3.9	5.3
BILTMORE	5.3	5.3	4.7	5.1	6.0	6.0	5.5	4.4	5.3
NINJA 3 (ATF 1247)	5.1	4.7	5.7	5.7	5.8	6.0	5.8	4.1	5.3
CANNAVARO (DP 50-9440)	5.8	4.4	3.7	5.3	6.1	6.3	5.5	4.1	5.3
STETSON II (NA-SS)	5.3	5.2	5.0	5.6	5.6	6.0	6.0	4.0	5.3
PADRE	5.4	5.3	4.7	5.6	5.8	5.3	4.8	4.6	5.3
TERRIER (IS-TF-135)	5.8	4.8	4.0	5.3	6.1	6.7	5.8	3.7	5.3
JT-33	5.5	4.8	4.7	5.3	6.0	7.0	5.8	3.8	5.3
JT-36	5.3	5.0	4.3	5.3	6.2	7.0	5.3	4.2	5.3
O312	5.4	4.6	4.0	5.3	5.7	7.3	6.0	4.2	5.3
O6-WALK	5.4	5.1	6.0	5.5	5.5	6.0	5.3	4.2	5.3
TRIO (IS-TF-152)	5.2	5.2	5.0	5.1	5.7	7.0	6.2	3.8	5.2
ARISTOTLE	5.0	5.6	5.3	5.5	5.5	5.3	5.2	4.2	5.2
TITAN ULTRA (PSG-TTRH)	5.3	5.0	5.0	5.1	5.3	6.0	5.5	4.3	5.1
LINDBERGH	5.5	5.0	4.7	5.5	4.9	5.7	5.5	4.1	5.1
RENDITION RX (PSG-RNDR)	5.3	5.7	4.7	4.8	5.0	6.3	5.3	4.0	5.1
TITAN RX (PSG-TTST)	5.3	4.9	5.3	5.3	5.1	4.7	5.7	4.2	5.0
PLATO	5.4	4.4	5.0	5.5	4.7	5.7	4.8	4.3	4.9
SILVERADO	4.4	4.3	5.3	5.3	4.9	4.3	5.0	3.8	4.7
KY-31	4.3	3.6	4.3	4.8	3.4	3.3	4.7	3.9	4.1
LSD VALUE	1.1	1.2	1.0	0.6	1.9	0.9	1.5	1.0	0.6
C.V. (%)	12.9	14.6	12.1	7.0	19.4	8.6	16.5	14.8	14.7

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 27.

PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

## PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	WI1	NAME	WI1
SUNSET GOLD (KZ-2)	70.0	MONET (LTP-610 CL)	33.3
AST9002 (AST-2)	66.7	GREENBROOKS (TG 50-9460)	30.0
BAR FA 6253	63.3	HONKY TONK (RAD-TF17)	30.0
TAHOE II	56.7	JT-45	30.0
FAITH (K06-WA)	53.3	PADRE	30.0
MVS-341	53.3	STETSON II (NA-SS)	30.0
SPEEDWAY (STR-8BPDx)	53.3	TANZANIA (IS-TF-159)	30.0
TALLADEGA (RP 3)	53.3	DARLINGTON (CS-TF1)	28.3
SHENANDOAH III (SH 3)	50.0	RK 5	28.3
REMBRANDT	48.3	SILVERADO	28.3
CANNAVARO (DP 50-9440)	46.7	TERRIER (IS-TF-135)	28.3
SHENANDOAH ELITE (RK 6)	46.7	TRIO (IS-TF-152)	28.3
TITAN RX (PSG-TTST)	45.0	VENTURE (J-140)	28.3
06-WALK	43.3	ESSENTIAL (IS-TF-154)	26.7
BAR FA 6363	43.3	GE-1	26.7
CATALYST (NA-BT-1)	43.3	HUNTER	26.7
ESCALADE	43.3	J-130	26.7
JT-33	43.3	KY-41 (JT-41)	26.7
HEMI	41.7	SR 8650 (STR-8LMM)	26.7
TRAVERSE SRP (RK-1)	41.7	TURBO	26.7
ESCALANTE (GO-1BFD)	40.0	VAN GOGH (LTP-RK2)	26.7
GARRISON (IS-TF-153)	40.0	AST 7001	25.0
MAGELLAN	40.0	AST9001 (AST-3)	25.0
MUSTANG 4 (M4)	40.0	AST9003 (AST-1)	25.0
MVS-1107	40.0	FALCON V (ATM)	25.0
RENDITION RX (PSG-RNDR)	40.0	JUSTICE	25.0
RHAMBLER SRP (RHAMBLER)	38.3	PEDIGREE (ATF-1199)	25.0
06-DUST	36.7	PLATO	25.0
BRAVEHEART (DP 50-9407)	36.7	REUNION (LS-03)	25.0
COCHISE IV (RKCL)	36.7	RNP	25.0
FIRECRACKER LS (MVS-MST)	36.7	ROCKET (IS-TF-147)	25.0
PSG-82BR	36.7	SIDEWINDER (IS-TF-138)	25.0
REBEL IV	36.7	STR-8GRQR	25.0
UMBRELLA (DP 50-9411)	36.7	FINELAWN XPRESS (RP 2)	23.3
0312	35.0	AST7003	21.7
HUDSON (DKS)	35.0	CEZANNE RZ (LTP-CRL)	21.7
SPYDER LS (Z-2000)	35.0	INTEGRITY (BGR-TF1)	21.7
BILTMORE	33.3	LS 1200 (SC-1)	21.7
BLADE RUNNER II (PSG-85QR)	33.3	PATAGONIA (GWTF)	21.7
COL-1	33.3	AST 7002	20.0
FALCON IV	33.3	COMPETE (LS-06)	20.0
FAT CAT (IS-TF-161)	33.3	CORONA (COL-M)	20.0
FIRENZA	33.3	EINSTEIN	20.0
JAMBOREE (IS-TF-128)	33.3	GOLD MEDALLION (KZ-1)	20.0
JT-42	33.3	NINJA 3 (ATF 1247)	20.0
LS 1010 (ATF 1328)	33.3	RK 4	20.0



TABLE 27. PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS 1/  
(CON'D) 2007-11 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	WI1
TULSA TIME (TULSA III)	20.0
CROSSFIRE 3 (COL-J)	18.3
FALCON NG (CE 1)	18.3
GAZELLE II (PST-5HP)	18.3
3RD MILLENNIUM SRP	16.7
AST1001 (AST-4)	16.7
BULLSEYE	16.7
RAPTOR II (MVS-TF-158)	16.7
RENOVATE (LS-11)	16.7
SKYLINE	16.7
GUARDIAN 41 (STR-8BB5)	16.7
TOCCOA (IS-TF-151)	16.7
LINDBERGH	15.0
TITAN ULTRA (PSG-TTRH)	15.0
TITANIUM LS (MVS-BB-1)	15.0
WOLFPACK II (PST-5WMB)	15.0
ARISTOTLE	13.3
JT-36	13.3
TURBO RZ (BURL-TF8)	13.3
XTREMEGREEN (BGR-TF2)	10.0
KY-31	8.3
LSD VALUE	29.4
C.V. (%)	60.0

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

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

3/ PERCENT WINTER KILL RATED IN 2009 ONLY.

TABLE 28. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/						MEAN
	CA3	MN1	MO1	TX1	VA4	WA3	
VAN GOGH (LTP-RK2)	7.0	5.7	5.7	6.4	7.7	9.0	6.8
TANZANIA (IS-TF-159)	7.0	6.0	5.3	6.0	7.3	9.0	6.7
HUNTER	6.3	6.7	5.3	5.4	7.3	9.0	6.6
CATALYST (NA-BT-1)	7.0	6.0	6.0	6.1	6.7	9.0	6.5
WOLFPACK II (PST-5WMB)	7.0	6.0	5.3	6.1	6.7	9.0	6.5
RENDITION RX (PSG-RNDR)	7.0	5.0	5.7	5.4	7.7	9.0	6.5
BILTMORE	7.0	6.3	5.7	5.0	7.0	9.0	6.4
GUARDIAN 41 (STR-8BB5)	7.0	4.7	6.0	5.9	7.3	9.0	6.4
AST9003 (AST-1)	5.3	6.5	5.0	5.6	7.0	9.0	6.4
LS 1010 (ATF 1328)	7.0	5.7	5.0	5.6	7.0	8.7	6.3
STETSON II (NA-SS)	7.0	6.0	4.7	5.4	6.7	9.0	6.3
LINDBERGH	7.0	7.3	5.0	5.0	6.3	9.0	6.3
TALLADEGA (RP 3)	7.0	6.0	5.0	5.3	6.7	9.0	6.3
STR-8GRQR	7.0	5.7	4.7	5.8	6.3	9.0	6.2
BAR FA 6363	7.0	7.0	5.0	5.6	5.7	9.0	6.2
BULLSEYE	6.3	5.0	5.0	5.7	7.3	9.0	6.2
PSG-82BR	7.0	5.7	5.3	5.6	6.3	9.0	6.2
TRIO (IS-TF-152)	7.0	5.0	5.0	6.1	6.3	9.0	6.2
MUSTANG 4 (M4)	7.0	5.5	5.0	6.0	6.0	9.0	6.1
TITANIUM LS (MVS-BB-1)	7.0	5.0	5.7	5.8	6.3	9.0	6.1
AST7003	6.0	6.5	5.3	4.8	6.3	9.0	6.1
TULSA TIME (TULSA III)	7.0	4.7	5.7	5.4	6.7	9.0	6.1
06-DUST	7.0	5.3	5.0	5.2	6.3	9.0	6.1
FAT CAT (IS-TF-161)	7.0	5.5	5.0	5.2	6.3	9.0	6.1
NINJA 3 (ATF 1247)	7.0	5.7	5.3	5.4	6.0	9.0	6.1
UMBRELLA (DP 50-9411)	7.0	5.7	5.0	5.0	6.3	9.0	6.0
J-130	6.0	5.0	5.3	5.4	6.7	9.0	6.0
BAR FA 6253	7.0	6.0	5.7	5.1	6.0	9.0	6.0
FALCON V (ATM)	7.0	5.3	5.7	5.8	5.7	9.0	6.0
PATAGONIA (GWTF)	7.0	4.5	5.3	5.4	6.7	8.7	6.0
AST 7001	7.0	5.3	5.7	5.0	6.3	9.0	6.0
3RD MILLENNIUM SRP	7.0	5.5	5.0	5.4	6.0	9.0	6.0
DARLINGTON (CS-TF1)	7.0	5.3	5.3	5.0	6.3	9.0	6.0
MVS-341	6.3	5.0	5.7	5.7	6.0	9.0	5.9
VENTURE (J-140)	7.0	5.5	5.0	5.1	6.0	9.0	5.9
TOCCOA (IS-TF-151)	7.0	5.5	5.7	5.0	6.0	9.0	5.9
TITAN ULTRA (PSG-TTRH)	7.0	6.3	5.7	4.8	5.7	9.0	5.9
HONKY TONK (RAD-TF17)	7.0	5.0	5.7	5.4	6.0	9.0	5.9
HEMI	6.0	5.0	5.7	5.7	6.0	9.0	5.9
KY-31	5.0	8.3	7.7	4.6	4.7	8.7	5.9
REBEL IV	6.3	6.0	5.0	4.8	6.0	9.0	5.9
SILVERADO	7.0	6.5	5.0	5.0	5.3	9.0	5.9
06-WALK	7.0	5.7	5.3	4.7	6.0	8.7	5.9
ESCALADE	7.0	6.0	5.0	4.8	5.7	9.0	5.8
RAPTOR II (MVS-TF-158)	6.3	5.7	5.3	5.2	5.7	9.0	5.8
SUNSET GOLD (KZ-2)	7.0	5.7	5.7	4.9	5.7	9.0	5.8

TABLE 28. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	CA3	MN1	MO1	TX1	VA4	WA3	MEAN
CROSSFIRE 3 (COL-J)	6.0	6.0	5.3	4.6	6.0	9.0	5.8
SIDEWINDER (IS-TF-138)	6.0	5.3	5.0	5.9	5.3	9.0	5.8
MVS-1107	7.0	5.7	4.7	5.0	5.7	9.0	5.8
LS 1200 (SC-1)	7.0	4.0	5.0	5.7	6.0	9.0	5.8
SHENANDOAH III (SH 3)	7.0	4.0	5.0	5.2	6.3	9.0	5.7
FIRECRACKER LS (MVS-MST)	7.0	6.0	6.0	4.9	5.0	9.0	5.7
GE-1	7.0	5.5	4.3	5.1	5.3	9.0	5.7
COCHISE IV (RKCL)	7.0	5.0	5.3	5.4	5.3	9.0	5.7
MONET (LTP-610 CL)	7.0	5.0	5.3	5.7	5.0	9.0	5.7
RHAMBLER SRP (RHAMBLER)	6.3	4.5	5.3	5.4	5.7	9.0	5.7
FAITH (K06-WA)	7.0	5.0	5.0	5.3	5.3	9.0	5.7
JUSTICE	5.3	5.5	5.3	4.8	6.0	9.0	5.7
TAHOE II	7.0	5.0	5.3	4.8	5.7	9.0	5.7
RK 5	6.0	5.3	5.3	5.3	5.3	9.0	5.7
CEZANNE RZ (LTP-CRL)	7.0	5.7	5.3	5.4	4.7	9.0	5.6
TURBO	7.0	4.7	5.3	5.2	5.3	9.0	5.6
GARRISON (IS-TF-153)	7.0	5.5	5.7	5.0	5.0	9.0	5.6
ESSENTIAL (IS-TF-154)	7.0	4.3	6.0	5.0	5.7	9.0	5.6
TITAN RX (PSG-TTST)	7.0	5.0	5.0	5.1	5.3	9.0	5.6
GREENBROOKS (TG 50-9460)	7.0	5.0	5.0	4.8	5.7	9.0	5.6
COL-1	6.0	6.3	5.0	4.4	5.3	9.0	5.6
TRAVERSE SRP (RK-1)	5.7	4.7	5.0	5.6	5.7	9.0	5.6
PLATO	7.0	6.0	4.7	4.7	5.0	9.0	5.6
SKYLINE	6.3	5.5	5.7	4.6	5.3	9.0	5.6
SPEEDWAY (STR-8BPD)	7.0	4.7	5.0	5.2	5.3	9.0	5.6
SPYDER LS (Z-2000)	7.0	5.0	5.3	5.2	5.0	9.0	5.5
JAMBOREE (IS-TF-128)	7.0	5.0	5.0	5.2	5.0	9.0	5.5
TURBO RZ (BURL-TF8)	7.0	5.3	5.7	4.8	5.0	9.0	5.5
FALCON NG (CE 1)	7.0	5.0	5.3	5.2	5.0	8.7	5.5
AST1001 (AST-4)	7.0	5.7	5.3	4.4	5.0	9.0	5.5
EINSTEIN	6.3	6.0	4.7	4.7	5.0	9.0	5.5
GOLD MEDALLION (KZ-1)	7.0	6.3	5.7	4.3	4.7	9.0	5.5
JT-36	7.0	5.3	5.3	4.8	5.0	9.0	5.5
JT-33	7.0	6.0	5.3	4.6	4.7	9.0	5.5
FALCON IV	7.0	5.7	5.0	4.9	4.7	9.0	5.5
BLADE RUNNER II (PSG-85QR)	7.0	5.5	5.3	5.0	4.7	9.0	5.5
JT-42	7.0	4.7	5.3	5.1	5.0	8.7	5.4
JT-45	7.0	5.7	5.0	4.3	5.0	9.0	5.4
RK 4	7.0	4.3	5.0	5.0	5.3	9.0	5.4
RENOVATE (LS-11)	7.0	5.5	5.3	4.3	5.0	9.0	5.4
AST9002 (AST-2)	5.3	5.7	5.0	4.8	5.0	9.0	5.4
REUNION (LS-03)	7.0	5.3	5.7	4.3	5.0	9.0	5.4
FIRENZA	7.0	4.5	5.3	5.0	5.0	9.0	5.4
PADRE	6.3	5.3	5.0	4.8	5.0	9.0	5.4
PEDIGREE (ATF-1199)	6.0	5.3	6.0	4.9	4.7	9.0	5.4
COMPETE (LS-06)	7.0	5.7	5.3	4.0	5.0	9.0	5.4
KY-41 (JT-41)	7.0	5.3	5.0	4.3	5.0	9.0	5.4

TABLE 28. DROUGHT TOLERANCE (WILTING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/							
NAME	CA3	MN1	MO1	TX1	VA4	WA3	MEAN
GAZELLE II (PST-5HP)	7.0	5.3	5.0	4.7	4.7	9.0	5.3
CANNAVARO (DP 50-9440)	7.0	5.0	5.3	5.2	4.3	9.0	5.3
SR 8650 (STR-8LMM)	7.0	6.0	5.3	4.8	3.7	9.0	5.3
MAGELLAN	7.0	5.3	5.3	4.7	4.3	9.0	5.3
CORONA (COL-M)	7.0	6.3	4.7	4.1	4.3	9.0	5.3
ESCALANTE (GO-1BFD)	7.0	5.3	5.3	4.6	4.3	9.0	5.3
RNP	7.0	5.0	5.0	4.6	4.3	9.0	5.2
ARISTOTLE	7.0	6.3	4.3	4.1	4.3	8.7	5.2
XTREMEGREEN (BGR-TF2)	7.0	5.7	5.7	4.6	4.0	9.0	5.2
BRAVEHEART (DP 50-9407)	7.0	4.7	5.0	4.8	4.3	9.0	5.2
AST 7002	7.0	5.7	5.7	4.2	4.0	9.0	5.1
REMBRANDT	7.0	4.7	5.0	4.3	4.7	8.7	5.1
AST9001 (AST-3)	7.0	5.0	5.0	4.3	4.3	9.0	5.1
0312	5.3	5.5	5.0	4.6	4.3	9.0	5.1
HUDSON (DKS)	7.0	4.0	5.3	4.6	4.7	9.0	5.1
FINELAWN XPRESS (RP 2)	5.3	5.0	5.3	4.8	4.3	9.0	5.1
TERRIER (IS-TF-135)	6.3	5.5	5.0	4.1	4.3	9.0	5.1
SHENANDOAH ELITE (RK 6)	7.0	4.5	5.0	4.7	4.3	9.0	5.1
ROCKET (IS-TF-147)	7.0	5.0	5.0	4.9	3.3	9.0	5.0
INTEGRITY (BGR-TF1)	6.0	4.7	4.7	4.4	4.0	9.0	4.8
LSD VALUE	1.4	1.7	1.0	2.2	1.2	0.2	1.5
C.V. (%)	12.8	16.6	12.3	27.1	14.0	1.7	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.
- 3/ DROUGHT TOLERANCE (WILTING) RATED AT "CA3" IN 2007, AT "MN1" IN 2009, AT "MO1" & "WA3" IN 2008, AT "TX1" IN 2007-08 & 2011, AND AT "VA4" IN 2010.

TABLE 29.

DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	CA3	M01	NJ1	VA1	MEAN	NAME	CA3	M01	NJ1	VA1	MEAN
ESCALADE	4.5	1.3	5.3	6.0	5.2	SPYDER LS (Z-2000)	4.0	2.0	2.7	7.0	4.5
LINDBERGH	4.3	1.7	7.7	5.7	5.2	TOCCOA (IS-TF-151)	4.3	1.3	5.3	5.3	4.4
RENOVATE (LS-11)	4.0	1.7	6.7	5.7	5.0	RHAMBLER SRP (RHAMBLER)	3.5	1.3	6.3	6.7	4.4
SHENANDOAH ELITE (RK 6)	4.2	2.0	5.0	6.7	5.0	BILTMORE	3.8	1.3	5.3	5.0	4.4
COMPETE (LS-06)	4.0	1.7	5.7	6.3	5.0	RK 4	3.7	1.3	4.7	6.0	4.4
JT-42	4.2	2.0	6.7	5.7	5.0	STETSON II (NA-SS)	3.8	1.3	5.3	6.0	4.4
RNP	4.0	1.3	8.0	5.3	5.0	06-WALK	3.5	1.3	7.3	5.3	4.4
TITAN RX (PSG-TTST)	4.2	1.3	6.0	6.0	5.0	BRAVEHEART (DP 50-9407)	3.8	1.3	4.0	6.0	4.4
TURBO	4.3	1.7	4.7	5.7	5.0	PEDIGREE (ATF-1199)	3.8	2.0	4.7	5.7	4.4
TITANIUM LS (MVS-BB-1)	4.3	1.7	5.3	6.0	5.0	ROCKET (IS-TF-147)	3.8	1.7	3.3	6.3	4.4
GE-1	4.3	1.3	5.0	6.0	4.9	06-DUST	3.7	2.0	4.7	5.7	4.3
TITAN ULTRA (PSG-TTRH)	4.2	1.3	5.7	5.7	4.9	FALCON IV	3.8	1.0	6.0	6.0	4.3
TURBO RZ (BURL-TF8)	4.3	1.7	4.7	6.0	4.9	HUDSON (DKS)	3.3	1.7	6.7	5.7	4.3
BLADE RUNNER II (PSG-85QR)	4.5	1.0	5.3	6.3	4.8	REBEL IV	4.0	1.0	5.0	5.7	4.3
NINJA 3 (ATF 1247)	3.8	1.7	6.3	6.0	4.8	HONKY TONK (RAD-TF17)	3.8	1.7	4.3	6.0	4.3
CEZANNE RZ (LTP-CRL)	4.2	1.3	4.7	6.0	4.8	GAZELLE II (PST-5HP)	3.5	1.3	5.7	6.3	4.3
GUARDIAN 41 (STR-8BB5)	3.8	1.3	5.7	6.7	4.8	BAR FA 6363	3.7	1.3	4.3	5.3	4.3
XTREMEGREEN (BGR-TF2)	3.8	1.0	6.7	6.0	4.8	REUNION (LS-03)	3.5	1.7	7.0	5.7	4.3
PSG-82BR	4.3	1.3	4.3	6.0	4.8	STR-8GRQR	3.5	1.0	5.3	6.0	4.3
CORONA (COL-M)	4.0	2.0	5.3	5.7	4.8	TALLADEGA (RP 3)	3.7	1.7	4.0	6.3	4.3
SKYLINE	4.5	1.7	4.7	5.7	4.8	UMBRELLA (DP 50-9411)	4.2	1.7	2.7	5.7	4.3
VAN GOGH (LTP-RK2)	4.0	1.7	5.0	6.3	4.8	DARLINGTON (CS-TF1)	3.7	1.7	3.7	5.3	4.3
COCHISE IV (RKCL)	4.0	1.0	5.3	6.3	4.7	JT-36	3.7	1.7	6.0	4.0	4.3
RENDITION RX (PSG-RNDR)	3.3	2.0	7.7	6.3	4.7	MVS-1107	3.8	1.7	4.0	5.7	4.3
TRIO (IS-TF-152)	4.2	1.3	3.0	7.0	4.7	FIRECRACKER LS (MVS-MST)	3.8	1.0	4.7	6.3	4.2
VENTURE (J-140)	4.3	1.3	4.7	6.0	4.7	ARISTOTLE	3.7	1.0	4.7	4.7	4.2
BULLSEYE	3.8	1.3	4.3	6.3	4.7	CANNAVARO (DP 50-9440)	3.7	1.3	4.7	4.3	4.2
LS 1010 (ATF 1328)	4.5	1.3	4.3	5.7	4.7	CATALYST (NA-BT-1)	3.3	1.7	6.0	6.3	4.2
FALCON V (ATM)	4.0	1.0	5.7	6.7	4.7	ESSENTIAL (IS-TF-154)	3.7	1.3	6.0	6.0	4.2
HEMI	4.0	1.7	5.0	6.7	4.7	GREENBROOKS (TG 50-9460)	4.0	1.3	3.7	4.7	4.2
TULSA TIME (TULSA III)	3.7	2.0	7.7	6.3	4.7	INTEGRITY (BGR-TF1)	3.3	1.3	5.3	6.0	4.2
3RD MILLENNIUM SRP	3.3	2.0	7.3	6.0	4.6	SUNSET GOLD (KZ-2)	3.5	2.0	4.7	5.7	4.2
GOLD MEDALLION (KZ-1)	4.2	1.0	3.7	6.0	4.6	KY-41 (JT-41)	3.3	1.7	7.3	5.3	4.1
SPEEDWAY (STR-8BPDx)	3.7	1.7	5.3	6.7	4.6	LS 1200 (SC-1)	3.7	1.3	3.0	6.3	4.1
WOLFPACK II (PST-5WMB)	3.5	1.7	6.7	6.7	4.6	0312	4.0	2.0	3.7	5.0	4.1
JAMBOREE (IS-TF-128)	3.7	1.7	6.0	6.7	4.6	SHENANDOAH III (SH 3)	3.7	1.7	3.3	6.3	4.1
MONET (LTP-610 CL)	3.8	1.3	7.0	5.7	4.6	TERRIER (IS-TF-135)	3.7	1.3	3.0	6.0	4.1
AST 7002	4.0	1.3	3.3	5.7	4.5	FAITH (K06-WA)	3.5	1.0	5.3	6.3	4.1
AST9001 (AST-3)	3.8	2.0	5.3	5.3	4.5	RK 5	3.0	1.3	7.7	6.7	4.1
FAT CAT (IS-TF-161)	4.5	1.0	4.0	6.3	4.5	SR 8650 (STR-8LMM)	3.3	2.0	5.7	6.3	4.1
MAGELLAN	3.8	1.3	5.3	6.0	4.5	AST1001 (AST-4)	3.3	1.3	6.3	5.0	4.0
MVS-341	3.8	1.7	5.0	6.0	4.5	EINSTEIN	3.5	1.3	5.3	5.7	4.0
REMBRANDT	4.0	2.0	7.3	6.0	4.5	FINELAWN XPRESS (RP 2)	3.5	2.0	3.7	6.7	4.0
ESCALANTE (GO-1BFD)	3.7	2.3	6.3	5.7	4.5	JT-33	3.7	1.3	3.7	4.0	4.0
TAHOE II	4.2	1.3	5.0	6.0	4.5	TANZANIA (IS-TF-159)	3.5	1.0	5.3	6.0	4.0
RAPTOR II (MVS-TF-158)	3.8	1.7	4.0	6.3	4.5	JT-45	3.5	1.3	4.3	5.3	4.0
						MUSTANG 4 (M4)	3.3	1.3	5.7	6.3	4.0

TABLE 29. DROUGHT TOLERANCE (DORMANCY) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	CA3	M01	NJ1	VA1	MEAN
FIRENZA	3.0	1.7	6.3	5.7	4.0
BAR FA 6253	3.7	1.0	3.7	6.7	4.0
KY-31	3.2	7.0	4.3	3.7	3.9
HUNTER	3.3	1.7	5.7	5.3	3.9
SILVERADO	2.8	1.7	6.3	5.7	3.9
AST7003	3.5	1.0	5.7	5.3	3.9
GARRISON (IS-TF-153)	3.2	1.7	5.7	5.3	3.9
COL-1	2.8	1.7	6.0	5.7	3.8
PATAGONIA (GWTF)	3.5	1.3	2.7	6.0	3.8
PLATO	3.3	1.0	3.7	5.3	3.7
AST9002 (AST-2)	3.0	1.3	6.0	6.0	3.7
JUSTICE	3.0	1.7	5.0	5.7	3.7
AST 7001	3.2	1.7	3.3	5.0	3.7
AST9003 (AST-1)	3.0	1.7	4.3	6.0	3.6
TRAVERSE SRP (RK-1)	3.0	1.0	6.0	6.0	3.6
SIDEWINDER (IS-TF-138)	3.0	1.7	4.7	6.0	3.5
CROSSFIRE 3 (COL-J)	3.2	1.7	4.0	5.3	3.5
FALCON NG (CE 1)	2.8	1.0	4.3	6.0	3.5
J-130	3.2	1.7	3.3	5.3	3.5
PADRE	2.7	1.3	4.0	5.0	3.3
LSD VALUE	1.7	0.9	3.9	0.8	1.7
C.V. (%)	29.2	35.8	47.8	9.0	31.8

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.

3/ DROUGHT TOLERANCE (DORMANCY) RATED AT "CA3" IN 2007-08, AT "M01", "NJ1" & "VA1" IN 2011.

TABLE 30. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/						MEAN
	CA3	IL1	MO1	MS1	NE1	VA1	
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
GUARDIAN 41 (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
BLADE RUNNER II (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
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

TABLE 30. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

NAME	DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/						MEAN
	CA3	IL1	MO1	MS1	NE1	VA1	
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
O312	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
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



TABLE 30. DROUGHT TOLERANCE (RECOVERY) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

NAME	DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/						MEAN
	CA3	IL1	MO1	MS1	NE1	VA1	
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.
- 3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2011 ONLY.

TABLE 31.

STEM RUST RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IA1	NAME	IA1
FALCON NG (CE 1)	8.3	TERRIER (IS-TF-135)	6.3
3RD MILLENNIUM SRP	8.0	TITAN RX (PSG-TTST)	6.3
GARRISON (IS-TF-153)	8.0	VENTURE (J-140)	6.3
BAR FA 6363	7.7	06-WALK	6.0
CANNAVARO (DP 50-9440)	7.7	ARISTOTLE	6.0
COCHISE IV (RKCL)	7.7	AST 7001	6.0
ESSENTIAL (IS-TF-154)	7.7	AST 7002	6.0
GE-1	7.7	AST1001 (AST-4)	6.0
TITANIUM LS (MVS-BB-1)	7.7	BAR FA 6253	6.0
TRAVERSE SRP (RK-1)	7.7	BLADE RUNNER II (PSG-85QR)	6.0
BRAVEHEART (DP 50-9407)	7.3	CEZANNE RZ (LTP-CRL)	6.0
CATALYST (NA-BT-1)	7.3	CROSSFIRE 3 (COL-J)	6.0
FAITH (K06-WA)	7.3	DARLINGTON (CS-TF1)	6.0
MONET (LTP-610 CL)	7.3	FINELAWN XPRESS (RP 2)	6.0
0312	7.0	GAZELLE II (PST-5HP)	6.0
FALCON IV	7.0	GREENBROOKS (TG 50-9460)	6.0
FALCON V (ATM)	7.0	HUDSON (DKS)	6.0
MUSTANG 4 (M4)	7.0	INTEGRITY (BGR-TF1)	6.0
RAPTOR II (MVS-TF-158)	7.0	J-130	6.0
REBEL IV	7.0	JUSTICE	6.0
RK 5	7.0	LS 1200 (SC-1)	6.0
SHENANDOAH ELITE (RK 6)	7.0	PADRE	6.0
SKYLINE	7.0	PATAGONIA (GWTF)	6.0
GUARDIAN 41 (STR-8BB5)	7.0	RENDITION RX (PSG-RNDR)	6.0
TULSA TIME (TULSA III)	7.0	ROCKET (IS-TF-147)	6.0
06-DUST	6.7	SR 8650 (STR-8LMM)	6.0
BULLSEYE	6.7	TOCCOA (IS-TF-151)	6.0
CORONA (COL-M)	6.7	AST9001 (AST-3)	5.7
HUNTER	6.7	AST9002 (AST-2)	5.7
LS 1010 (ATF 1328)	6.7	COL-1	5.7
NINJA 3 (ATF 1247)	6.7	EINSTEIN	5.7
RK 4	6.7	ESCALADE	5.7
SPYDER LS (Z-2000)	6.7	FIRENZA	5.7
TRIO (IS-TF-152)	6.7	HEMI	5.7
UMBRELLA (DP 50-9411)	6.7	KY-31	5.7
WOLFPACK II (PST-5WMB)	6.7	LINDBERGH	5.7
AST7003	6.3	PSG-82BR	5.7
BILTMORE	6.3	RENOVATE (LS-11)	5.7
FAT CAT (IS-TF-161)	6.3	RNP	5.7
GOLD MEDALLION (KZ-1)	6.3	SHENANDOAH III (SH 3)	5.7
JAMBOREE (IS-TF-128)	6.3	TANZANIA (IS-TF-159)	5.7
PEDIGREE (ATF-1199)	6.3	TITAN ULTRA (PSG-TTRH)	5.7
RHAMBLER SRP (RHAMBLER)	6.3	VAN GOGH (LTP-RK2)	5.7
SPEEDWAY (STR-8BPDx)	6.3	AST9003 (AST-1)	5.3
STETSON II (NA-SS)	6.3	COMPETE (LS-06)	5.3
STR-8GRQR	6.3	ESCALANTE (GO-1BFD)	5.3
		FIRECRACKER LS (MVS-MST)	5.3

TABLE 31. STEM RUST RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IA1
HONKY TONK (RAD-TF17)	5.3
JT-45	5.3
KY-41 (JT-41)	5.3
PLATO	5.3
REMBRANDT	5.3
REUNION (LS-03)	5.3
SIDEWINDER (IS-TF-138)	5.3
SUNSET GOLD (KZ-2)	5.3
TAHOE II	5.3
TALLADEGA (RP 3)	5.3
TURBO	5.3
TURBO RZ (BURL-TF8)	5.3
XTREMEGREEN (BGR-TF2)	5.3
MAGELLAN	5.0
MVS-1107	5.0
MVS-341	5.0
JT-33	4.7
JT-36	4.7
JT-42	4.3
SILVERADO	4.0
LSD VALUE	1.4
C.V. (%)	14.2

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

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

3/ STEM RUST RATED IN 2007 ONLY.

TABLE 32.

RED THREAD RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MD1	RI1	VA1	MEAN	NAME	MD1	RI1	VA1	MEAN
TALLADEGA (RP 3)	9.0	8.0	9.0	8.8	PSG-82BR	8.3	5.7	9.0	7.8
TOCCOA (IS-TF-151)	9.0	7.7	9.0	8.7	SPEEDWAY (STR-8BPDx)	8.3	5.7	9.0	7.8
FIRENZA	9.0	7.0	9.0	8.5	AST7003	8.7	5.0	9.0	7.8
REBEL IV	9.0	6.7	9.0	8.4	AST9003 (AST-1)	9.0	4.3	9.0	7.8
DARLINGTON (CS-TF1)	9.0	6.3	9.0	8.3	BLADE RUNNER II (PSG-85QR)	8.7	5.0	9.0	7.8
MVS-341	9.0	6.3	9.0	8.3	COMPETE (LS-06)	9.0	4.3	9.0	7.8
COCHISE IV (RKCL)	9.0	6.0	9.0	8.3	PEDIGREE (ATF-1199)	8.7	5.0	9.0	7.8
FALCON V (ATM)	8.7	6.7	9.0	8.3	REMBRANDT	8.0	6.3	9.0	7.8
LS 1010 (ATF 1328)	9.0	6.0	9.0	8.3	RK 4	8.7	5.0	9.0	7.8
SR 8650 (STR-8LMM)	9.0	6.0	9.0	8.3	SHENANDOAH ELITE (RK 6)	9.0	4.3	9.0	7.8
TITAN RX (PSG-TTST)	9.0	6.0	9.0	8.3	STR-8GRQR	8.7	5.0	9.0	7.8
3RD MILLENNIUM SRP	9.0	5.7	9.0	8.2	XTREMEGREEN (BGR-TF2)	8.7	5.0	9.0	7.8
BULLSEYE	9.0	5.7	9.0	8.2	AST1001 (AST-4)	8.7	4.7	9.0	7.8
FALCON NG (CE 1)	9.0	5.7	9.0	8.2	AST9001 (AST-3)	8.7	4.7	9.0	7.8
FIRECRACKER LS (MVS-MST)	9.0	5.7	9.0	8.2	BAR FA 6363	8.0	6.0	9.0	7.8
RAPTOR II (MVS-TF-158)	9.0	5.7	9.0	8.2	ESSENTIAL (IS-TF-154)	8.3	5.3	9.0	7.8
GARRISON (IS-TF-153)	8.7	6.3	9.0	8.2	GREENBROOKS (TG 50-9460)	8.3	5.3	9.0	7.8
KY-31	9.0	6.0	8.7	8.2	KY-41 (JT-41)	9.0	4.0	9.0	7.8
STETSON II (NA-SS)	8.7	6.3	9.0	8.2	MAGELLAN	8.7	4.7	9.0	7.8
TULSA TIME (TULSA III)	8.7	6.3	9.0	8.2	MVS-1107	8.7	4.7	9.0	7.8
WOLFPACK II (PST-5WMB)	8.7	6.3	9.0	8.2	ROCKET (IS-TF-147)	8.3	5.3	9.0	7.8
ESCALADE	9.0	5.3	9.0	8.1	TANZANIA (IS-TF-159)	8.7	4.7	9.0	7.8
UMBRELLA (DP 50-9411)	9.0	5.3	9.0	8.1	TITANIUM LS (MVS-BB-1)	8.3	5.3	9.0	7.8
FAITH (K06-WA)	9.0	5.0	9.0	8.0	TRIO (IS-TF-152)	8.3	5.3	9.0	7.8
GE-1	8.3	6.3	9.0	8.0	CANNAVARO (DP 50-9440)	8.3	5.0	9.0	7.7
JT-42	8.7	5.7	9.0	8.0	ESCALANTE (GO-1BFD)	8.3	5.0	9.0	7.7
JUSTICE	8.7	5.7	9.0	8.0	PADRE	8.3	5.0	9.0	7.7
RENOVATE (LS-11)	8.3	6.3	9.0	8.0	PATAGONIA (GWTF)	8.3	5.0	9.0	7.7
RNP	9.0	5.0	9.0	8.0	AST9002 (AST-2)	8.7	4.3	9.0	7.7
SHENANDOAH III (SH 3)	9.0	5.0	9.0	8.0	JT-33	8.7	4.3	9.0	7.7
TURBO RZ (BURL-TF8)	8.7	6.3	8.3	8.0	MUSTANG 4 (M4)	8.0	6.0	8.7	7.7
06-WALK	9.0	4.7	9.0	7.9	JAMBOREE (IS-TF-128)	8.3	4.7	9.0	7.6
CATALYST (NA-BT-1)	8.3	6.0	9.0	7.9	TITAN ULTRA (PSG-TTRH)	9.0	3.3	9.0	7.6
FALCON IV	9.0	4.7	9.0	7.9	RENDITION RX (PSG-RNDR)	8.7	4.0	9.0	7.6
RHAMBLER SRP (RHAMBLER)	9.0	4.7	9.0	7.9	TERRIER (IS-TF-135)	8.0	5.0	9.0	7.5
SIDEWINDER (IS-TF-138)	8.3	6.0	9.0	7.9	06-DUST	8.3	4.0	9.0	7.4
SKYLINE	8.3	6.0	9.0	7.9	AST 7002	8.0	4.7	9.0	7.4
GUARDIAN 41 (STR-8BB5)	8.3	6.0	9.0	7.9	CROSSFIRE 3 (COL-J)	8.0	4.7	9.0	7.4
SUNSET GOLD (KZ-2)	9.0	4.7	9.0	7.9	HONKY TONK (RAD-TF17)	8.0	4.7	9.0	7.4
BAR FA 6253	8.7	5.3	9.0	7.9	HUNTER	8.3	4.0	9.0	7.4
FAT CAT (IS-TF-161)	8.7	5.3	9.0	7.9	INTEGRITY (BGR-TF1)	8.3	4.0	9.0	7.4
GOLD MEDALLION (KZ-1)	8.7	5.3	9.0	7.9	COL-1	7.7	5.3	9.0	7.4
HUDSON (DKS)	8.7	5.3	9.0	7.9	CORONA (COL-M)	7.7	5.7	8.7	7.4
JT-45	8.7	5.3	9.0	7.9	BILTMORE	8.3	3.7	9.0	7.3
FINELAWN XPRESS (RP 2)	8.3	5.7	9.0	7.8	NINJA 3 (ATF 1247)	7.7	5.7	8.3	7.3
HEMI	8.3	5.7	9.0	7.8	TRAVERSE SRP (RK-1)	7.7	5.0	9.0	7.3
					EINSTEIN	8.0	4.3	9.0	7.3

TABLE 32. RED THREAD RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/			MEAN
	MD1	RI1	VA1	
AST 7001	8.0	4.0	9.0	7.3
CEZANNE RZ (LTP-CRL)	8.0	5.0	8.0	7.3
VAN GOGH (LTP-RK2)	7.7	5.3	8.3	7.3
VENTURE (J-140)	8.0	4.0	9.0	7.3
ARISTOTLE	7.7	5.0	8.3	7.2
JT-36	7.3	5.0	9.0	7.2
LS 1200 (SC-1)	7.7	4.3	9.0	7.2
MONET (LTP-610 CL)	7.7	4.3	9.0	7.2
PLATO	7.7	4.3	9.0	7.2
RK 5	7.3	5.0	9.0	7.2
SILVERADO	8.0	3.7	9.0	7.2
TAHOE II	7.7	4.3	9.0	7.2
TURBO	7.3	6.0	7.7	7.1
J-130	7.3	5.0	8.7	7.1
GAZELLE II (PST-5HP)	7.3	3.7	9.0	6.8
REUNION (LS-03)	7.3	3.3	9.0	6.8
SPYDER LS (Z-2000)	7.3	5.0	7.3	6.8
0312	7.3	3.3	8.3	6.6
BRAVEHEART (DP 50-9407)	7.3	4.3	7.3	6.6
LINDBERGH	7.3	3.7	7.7	6.5
LSD VALUE	0.9	2.4	0.7	1.1
C.V. (%)	6.8	28.4	4.9	11.1

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

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

3/ RED THREAD RATED AT "MD1" IN 2010, AT "RI1" AND "VA1" IN 2008.

TABLE 33.

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/										
	AR1	IN1	KS2	KY1	NC1	NJ1	NJ2	PA1	VA1	VA4	MEAN
TALLADEGA (RP 3)	8.3	7.8	8.3	7.0	6.7	8.0	6.0	8.3	7.0	8.2	7.4
WOLFPACK II (PST-5WMB)	7.7	8.0	7.7	7.3	6.7	8.2	6.3	8.3	6.7	8.0	7.4
MUSTANG 4 (M4)	8.7	7.4	8.0	6.3	6.5	7.7	6.2	8.3	7.0	8.0	7.3
RK 5	8.0	7.0	7.7	7.0	6.8	7.7	5.9	8.7	6.0	8.2	7.2
3RD MILLENNIUM SRP	6.7	7.7	7.7	6.3	6.7	8.2	6.1	8.0	5.7	7.9	7.2
HEMI	7.0	7.9	7.7	7.0	6.7	7.5	5.9	8.3	6.7	7.6	7.2
TANZANIA (IS-TF-159)	7.3	7.8	7.0	5.7	6.8	8.0	6.2	8.3	6.3	7.1	7.1
TRAVERSE SRP (RK-1)	7.3	7.1	8.0	6.0	6.3	7.3	6.4	8.0	6.0	7.8	7.0
BRAVEHEART (DP 50-9407)	7.7	7.6	8.3	6.3	6.8	7.2	6.1	8.0	7.0	7.0	7.0
FAITH (K06-WA)	8.3	7.2	7.0	6.7	6.2	7.7	6.1	8.7	6.0	7.2	7.0
SHENANDOAH ELITE (RK 6)	7.3	7.4	7.3	6.0	6.5	8.3	5.7	8.3	6.3	7.3	7.0
BULLSEYE	7.7	7.4	8.3	6.0	6.7	7.2	5.9	8.0	6.0	7.3	7.0
FIRENZA	7.0	7.7	8.3	7.0	5.8	8.2	5.8	7.0	6.7	7.0	7.0
COCHISE IV (RKCL)	6.0	7.2	7.0	7.3	6.7	7.3	6.1	8.0	7.0	7.3	7.0
TITANIUM LS (MVS-BB-1)	8.0	6.9	7.7	7.0	6.2	7.3	5.9	7.7	5.3	7.9	7.0
TURBO	8.0	7.0	8.0	6.0	6.8	6.3	6.3	9.0	6.3	7.3	6.9
CATALYST (NA-BT-1)	7.0	7.0	7.3	6.7	6.8	7.8	6.1	8.7	5.7	6.9	6.9
SHENANDOAH III (SH 3)	8.3	6.9	7.7	7.0	7.0	7.2	5.7	8.3	6.3	6.9	6.9
GE-1	8.3	7.6	8.0	7.0	6.8	7.2	6.0	7.7	6.0	6.1	6.8
BLADE RUNNER II (PSG-85QR)	8.3	6.7	7.7	7.0	6.3	6.7	5.9	7.7	5.7	7.7	6.8
JAMBOREE (IS-TF-128)	8.3	7.1	7.7	6.3	6.7	8.2	6.0	8.3	6.3	5.8	6.8
SIDEWINDER (IS-TF-138)	7.7	7.1	8.0	4.3	7.0	7.3	5.4	8.0	5.0	7.8	6.8
GAZELLE II (PST-5HP)	7.7	7.2	7.7	6.7	6.3	7.0	5.4	8.3	6.0	7.2	6.8
RAPTOR II (MVS-TF-158)	7.7	6.9	7.0	6.7	7.3	6.7	5.7	8.0	7.7	6.8	6.8
MONET (LTP-610 CL)	6.0	7.1	8.0	5.0	6.5	8.2	5.7	8.3	6.7	6.9	6.8
PEDIGREE (ATF-1199)	7.7	7.2	7.3	8.0	7.2	6.0	5.8	8.3	4.7	7.0	6.8
FIRECRACKER LS (MVS-MST)	6.3	7.2	7.0	7.3	7.0	6.5	5.4	7.7	5.0	7.8	6.8
SPEEDWAY (STR-8BPD)	8.7	7.1	7.7	6.0	7.2	5.8	5.7	8.3	6.7	7.1	6.8
RK 4	7.3	6.9	8.0	6.0	5.7	6.0	6.0	7.3	6.3	8.2	6.7
VENTURE (J-140)	8.0	7.4	8.0	8.0	6.7	6.5	5.2	8.3	5.3	6.7	6.7
GARRISON (IS-TF-153)	7.7	6.9	8.0	6.3	6.5	8.0	5.6	8.3	5.0	6.7	6.7
RHAMBLER SRP (RHAMBLER)	8.7	7.4	7.3	4.3	6.5	8.2	6.3	8.0	6.3	5.7	6.7
JUSTICE	7.7	7.3	6.7	6.7	7.0	6.0	5.4	7.7	5.7	7.7	6.7
SR 8650 (STR-8LMM)	7.3	7.4	7.0	7.3	6.7	7.3	5.8	7.7	6.0	6.2	6.7
CEZANNE RZ (LTP-CRL)	6.7	6.6	7.7	5.0	6.5	7.3	5.9	8.3	6.7	7.3	6.7
GUARDIAN 41 (STR-8BB5)	6.7	7.6	7.3	6.7	6.8	6.3	5.3	8.3	5.3	7.1	6.7
VAN GOGH (LTP-RK2)	6.7	7.3	8.3	6.0	6.5	7.8	6.1	8.3	5.7	5.8	6.7
FALCON IV	8.0	7.3	7.7	7.3	6.5	6.8	5.4	8.0	5.3	6.3	6.7
FALCON V (ATM)	7.7	7.6	7.7	6.3	6.3	7.8	5.7	6.3	7.0	5.9	6.7
TURBO RZ (BURL-TF8)	7.0	6.9	8.3	7.0	7.2	6.8	5.8	8.3	5.3	6.2	6.7
KY-31	8.7	7.1	8.7	7.0	5.5	6.0	5.1	8.7	6.0	7.2	6.7
PATAGONIA (GWTF)	8.3	6.8	8.0	7.3	6.5	5.8	5.2	8.0	5.3	7.6	6.7
REBEL IV	6.3	7.3	7.0	7.0	6.7	6.2	5.9	8.3	5.7	6.9	6.7
KY-41 (JT-41)	8.0	6.3	7.7	7.7	5.8	6.8	5.8	7.7	5.0	7.2	6.6
LS 1200 (SC-1)	8.3	7.6	7.7	6.3	6.5	5.3	6.2	8.0	6.0	6.6	6.6
ROCKET (IS-TF-147)	5.3	7.2	7.7	5.3	6.3	7.0	5.3	8.3	6.7	7.4	6.6

TABLE 33.  
(CONT'D)

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/										
	AR1	IN1	KS2	KY1	NC1	NJ1	NJ2	PA1	VA1	VA4	MEAN
FAT CAT (IS-TF-161)	7.7	6.4	7.3	6.7	6.8	6.5	5.1	8.0	6.7	7.3	6.6
BAR FA 6253	7.7	6.9	7.0	6.0	6.5	7.0	5.9	8.0	5.7	6.6	6.6
MAGELLAN	8.3	6.8	7.7	5.3	6.7	6.5	5.6	8.7	6.0	6.7	6.6
REUNION (LS-03)	7.0	6.4	6.7	7.3	6.7	6.8	4.8	7.3	6.0	7.3	6.5
GREENBROOKS (TG 50-9460)	7.0	7.2	7.7	6.3	6.3	7.0	6.1	8.3	6.3	5.3	6.5
PADRE	7.7	7.0	7.3	6.7	6.3	6.0	5.7	7.7	6.0	6.6	6.5
J-130	8.0	6.3	7.7	6.7	7.0	5.0	5.2	8.3	5.7	7.6	6.5
STR-8GRQR	6.7	7.0	7.3	6.3	6.7	6.8	5.6	8.3	5.3	6.1	6.5
XTREMEGREEN (BGR-TF2)	7.7	7.0	7.3	4.7	6.5	7.2	4.8	8.3	5.3	7.2	6.5
06-WALK	8.3	6.3	7.3	6.3	5.5	7.5	4.9	8.3	4.0	7.3	6.5
FINELAWN XPRESS (RP 2)	7.0	7.3	8.3	6.7	6.7	6.7	5.9	7.0	6.0	5.3	6.4
TITAN ULTRA (PSG-TTRH)	8.0	6.2	6.0	7.7	6.0	6.3	5.3	8.3	5.7	7.0	6.4
TULSA TIME (TULSA III)	4.7	6.7	7.7	4.7	6.3	6.5	5.6	9.0	5.7	7.3	6.4
CANNAVARO (DP 50-9440)	6.0	6.7	7.7	5.3	6.7	6.3	5.4	8.3	4.7	7.2	6.4
TRIO (IS-TF-152)	7.0	6.8	7.7	6.3	6.7	5.7	5.3	6.7	5.7	7.3	6.4
MVS-1107	6.3	6.9	7.3	6.0	6.5	6.8	5.7	7.7	5.3	6.3	6.4
TOCCOA (IS-TF-151)	8.0	6.0	7.0	6.3	6.7	6.5	6.1	7.7	5.7	6.3	6.4
HUDSON (DKS)	6.3	6.8	7.3	6.3	6.7	6.2	5.1	8.0	6.0	6.8	6.4
HONKY TONK (RAD-TF17)	6.7	6.2	7.3	7.0	6.7	5.8	5.6	7.3	6.0	6.9	6.4
AST9002 (AST-2)	7.0	6.2	6.7	6.3	6.7	6.2	5.2	8.3	6.7	6.9	6.4
ESCALADE	7.3	6.4	7.3	6.3	6.7	6.3	5.6	8.0	6.0	6.3	6.4
FALCON NG (CE 1)	8.0	6.9	7.7	6.7	5.7	6.5	5.7	7.7	5.3	6.0	6.4
TERRIER (IS-TF-135)	7.7	6.8	6.0	5.7	6.7	6.2	5.6	8.0	6.7	6.3	6.4
ESSENTIAL (IS-TF-154)	7.7	7.0	7.7	5.3	6.5	7.0	5.2	8.3	5.7	5.8	6.4
JT-36	7.7	6.3	7.3	4.3	5.7	6.7	5.7	8.3	4.7	7.1	6.3
06-DUST	6.7	6.4	7.0	6.3	6.7	6.8	5.7	9.0	6.0	5.6	6.3
SPYDER LS (Z-2000)	7.7	6.7	7.3	6.3	7.2	5.3	5.2	8.3	6.3	6.1	6.3
JT-42	7.0	6.6	7.0	5.3	6.5	7.3	4.9	8.3	4.7	6.7	6.3
AST1001 (AST-4)	6.3	6.7	6.7	7.0	5.7	6.7	5.1	8.0	5.3	6.7	6.3
DARLINGTON (CS-TF1)	6.7	6.4	6.3	5.3	6.0	6.5	5.2	8.0	4.7	7.4	6.3
COL-1	7.0	6.6	6.0	6.0	6.2	6.7	4.8	8.0	5.3	7.0	6.3
SKYLINE	5.0	5.9	7.7	5.7	6.5	7.0	5.3	8.0	5.7	6.8	6.3
UMBRELLA (DP 50-9411)	6.7	6.2	7.3	5.3	7.0	5.7	5.7	8.3	5.7	6.6	6.3
CORONA (COL-M)	8.0	6.2	7.3	5.7	6.5	6.0	5.4	8.0	5.3	6.6	6.3
STETSON II (NA-SS)	5.3	6.4	6.7	7.0	6.2	6.2	4.9	8.0	6.0	6.9	6.2
RNP	4.7	6.7	7.0	5.0	6.5	7.3	5.3	7.0	6.3	6.4	6.2
JT-45	6.3	6.9	7.0	6.3	6.8	5.3	5.3	8.3	4.3	6.6	6.2
TITAN RX (PSG-TTST)	8.0	6.6	7.0	7.0	6.2	5.7	4.7	7.0	5.7	6.6	6.2
COMPETE (LS-06)	6.3	6.6	7.0	5.3	6.5	6.7	5.4	7.7	5.7	6.1	6.2
ESCALANTE (GO-1BFD)	8.0	7.6	7.0	6.0	6.3	6.0	5.1	7.3	4.3	5.7	6.2
PSG-82BR	6.0	7.1	7.0	5.0	6.3	5.3	5.4	8.0	4.3	7.1	6.2
EINSTEIN	7.0	6.3	7.3	6.0	6.7	6.0	5.8	8.7	5.0	5.6	6.2
REMBRANDT	7.3	6.7	6.0	7.3	6.7	6.2	5.4	8.0	6.0	5.0	6.2
BAR FA 6363	6.3	6.6	7.0	6.0	5.7	5.3	5.8	8.0	5.3	6.8	6.2
MVS-341	7.0	6.1	6.7	4.7	5.8	6.3	5.2	8.0	5.7	7.1	6.2
LINDBERGH	5.7	6.3	6.7	6.7	5.8	7.0	5.2	8.0	4.7	6.3	6.2
AST9001 (AST-3)	6.3	6.0	7.3	5.3	6.2	6.0	5.6	8.0	5.3	6.7	6.2

TABLE 33.  
(CONT'D)

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/										
	AR1	IN1	KS2	KY1	NC1	NJ1	NJ2	PA1	VA1	VA4	MEAN
TAHOE II	8.0	5.9	6.3	5.3	6.0	7.2	5.0	6.3	5.3	6.8	6.1
AST 7002	7.3	6.3	6.7	7.0	6.0	4.8	5.3	7.0	4.7	7.1	6.1
GOLD MEDALLION (KZ-1)	7.7	6.1	6.7	3.0	6.8	5.8	5.6	8.3	6.0	6.6	6.1
JT-33	7.0	6.7	7.3	5.0	5.7	5.7	4.9	7.7	5.0	7.1	6.1
RENDITION RX (PSG-RNDR)	9.0	6.7	7.0	6.0	6.2	7.0	5.6	7.7	4.7	4.4	6.1
SILVERADO	4.0	6.1	7.3	7.0	6.0	6.7	5.2	8.7	5.0	6.1	6.1
RENOVATE (LS-11)	6.3	6.3	5.7	5.3	6.8	6.5	4.3	7.7	5.3	7.1	6.1
AST9003 (AST-1)	6.7	6.3	6.7	6.7	5.8	5.2	5.2	7.0	5.3	6.8	6.0
AST 7001	8.0	5.7	5.7	5.3	6.3	5.2	5.3	7.7	4.7	7.1	6.0
NINJA 3 (ATF 1247)	6.7	6.8	5.3	7.0	6.2	6.0	4.9	7.3	5.0	6.0	6.0
AST7003	8.0	6.8	6.3	7.7	6.0	4.5	4.9	7.7	4.3	6.1	6.0
BILTMORE	8.0	6.1	7.0	7.0	5.7	6.5	5.3	7.3	5.7	4.8	6.0
LS 1010 (ATF 1328)	7.3	6.6	7.3	4.7	6.3	4.8	5.2	7.7	5.3	6.2	6.0
ARISTOTLE	5.3	6.6	6.7	7.3	6.0	6.0	5.4	7.7	4.3	5.3	6.0
SUNSET GOLD (KZ-2)	5.7	6.7	6.0	5.3	6.3	5.8	5.1	8.7	7.3	5.2	6.0
CROSSFIRE 3 (COL-J)	8.0	5.8	6.0	6.0	6.0	5.0	5.0	8.0	5.7	6.6	5.9
INTEGRITY (BGR-TF1)	5.7	6.0	7.3	6.7	6.3	6.3	5.3	8.7	4.3	4.7	5.8
HUNTER	5.7	6.3	5.7	7.0	6.3	5.3	4.9	7.3	4.0	4.9	5.6
0312	2.3	6.2	6.3	5.7	5.7	4.2	4.8	6.0	4.3	6.9	5.5
PLATO	7.7	6.2	6.7	5.7	5.8	5.5	5.0	7.3	5.0	3.4	5.4
LSD VALUE	2.7	1.7	1.5	2.5	1.5	2.4	1.8	1.4	1.9	1.3	1.0
C.V. (%)	23.1	15.2	13.2	24.5	14.5	23.9	19.9	11.0	21.3	11.7	17.6

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

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



TABLE 34.

BROWN PATCH (COOL TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

				BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	TX1	VA1	MEAN	NAME	TX1	VA1	MEAN
HUDSON (DKS)	7.7	4.7	6.2	CORONA (COL-M)	6.3	3.3	4.8
AST 7002	8.7	3.3	6.0	FALCON IV	6.3	3.3	4.8
AST1001 (AST-4)	7.3	4.7	6.0	LINDBERGH	5.3	4.3	4.8
JT-42	7.7	4.0	5.8	REMBRANDT	6.3	3.3	4.8
BLADE RUNNER II (PSG-85QR)	6.7	4.7	5.7	SHENANDOAH ELITE (RK 6)	6.3	3.3	4.8
TITAN ULTRA (PSG-TTRH)	7.7	3.7	5.7	STR-8GRQR	6.3	3.3	4.8
TITANIUM LS (MVS-BB-1)	8.0	3.3	5.7	TULSA TIME (TULSA III)	6.0	3.7	4.8
AST7003	6.3	5.0	5.7	GARRISON (IS-TF-153)	5.7	3.7	4.7
REUNION (LS-03)	6.3	5.0	5.7	RAPTOR II (MVS-TF-158)	6.0	3.3	4.7
COL-1	6.3	4.7	5.5	RENDITION RX (PSG-RNDR)	6.0	3.3	4.7
HONKY TONK (RAD-TF17)	6.7	4.3	5.5	AST9002 (AST-2)	5.0	4.3	4.7
KY-41 (JT-41)	6.3	4.7	5.5	EINSTEIN	5.0	4.3	4.7
SKYLINE	7.0	4.0	5.5	MUSTANG 4 (M4)	6.3	3.0	4.7
XTREMEGREEN (BGR-TF2)	6.7	4.0	5.3	AST9003 (AST-1)	5.0	4.0	4.5
AST 7001	6.3	4.3	5.3	BILTMORE	5.7	3.3	4.5
BAR FA 6253	7.3	3.3	5.3	COMPETE (LS-06)	5.0	4.0	4.5
CROSSFIRE 3 (COL-J)	7.0	3.7	5.3	GOLD MEDALLION (KZ-1)	5.7	3.3	4.5
FALCON NG (CE 1)	7.0	3.7	5.3	HEMI	4.7	4.3	4.5
MAGELLAN	7.0	3.7	5.3	MONET (LTP-610 CL)	6.0	3.0	4.5
SR 8650 (STR-8LMM)	7.3	3.3	5.3	RENOVATE (LS-11)	5.0	4.0	4.5
ESCALADE	7.0	3.3	5.2	ROCKET (IS-TF-147)	6.0	3.0	4.5
JT-36	6.7	3.7	5.2	STETSON II (NA-SS)	5.7	3.3	4.5
PSG-82BR	7.0	3.3	5.2	TAHOE II	5.0	4.0	4.5
AST9001 (AST-3)	6.0	4.3	5.2	TALLADEGA (RP 3)	6.0	3.0	4.5
BAR FA 6363	6.3	4.0	5.2	TOCCOA (IS-TF-151)	4.7	4.3	4.5
FINELAWN XPRESS (RP 2)	6.0	4.3	5.2	TURBO	5.7	3.3	4.5
JT-45	6.3	4.0	5.2	BRAVEHEART (DP 50-9407)	4.7	4.0	4.3
PADRE	7.3	3.0	5.2	J-130	4.7	4.0	4.3
RNP	6.0	4.3	5.2	MVS-341	4.7	4.0	4.3
0312	4.7	5.3	5.0	RHAMBLER SRP (RHAMBLER)	5.7	3.0	4.3
CANNAVARO (DP 50-9440)	6.7	3.3	5.0	RK 5	4.7	4.0	4.3
DARLINGTON (CS-TF1)	6.0	4.0	5.0	VAN GOGH (LTP-RK2)	4.7	4.0	4.3
GE-1	5.0	5.0	5.0	VENTURE (J-140)	5.7	3.0	4.3
INTEGRITY (BGR-TF1)	7.0	3.0	5.0	SHENANDOAH III (SH 3)	5.0	3.7	4.3
KY-31	8.3	1.7	5.0	TRIO (IS-TF-152)	5.0	3.7	4.3
PEDIGREE (ATF-1199)	6.7	3.3	5.0	TURBO RZ (BURL-TF8)	5.3	3.3	4.3
PLATO	4.3	5.7	5.0	06-DUST	3.7	4.7	4.2
SIDEWINDER (IS-TF-138)	7.3	2.7	5.0	REBEL IV	5.0	3.3	4.2
SILVERADO	6.0	4.0	5.0	GUARDIAN 41 (STR-8BB5)	6.0	2.3	4.2
TERRIER (IS-TF-135)	6.3	3.7	5.0	SUNSET GOLD (KZ-2)	5.7	2.7	4.2
TITAN RX (PSG-TTST)	6.0	4.0	5.0	ARISTOTLE	4.3	4.0	4.2
GAZELLE II (PST-5HP)	5.7	4.0	4.8	HUNTER	4.3	4.0	4.2
JT-33	5.7	4.0	4.8	3RD MILLENNIUM SRP	5.0	3.0	4.0
NINJA 3 (ATF 1247)	5.7	4.0	4.8	COCHISE IV (RKCL)	4.7	3.3	4.0
06-WALK	5.3	4.3	4.8	ESCALANTE (GO-1BFD)	6.0	2.0	4.0
CEZANNE RZ (LTP-CRL)	6.3	3.3	4.8	ESSENTIAL (IS-TF-154)	3.7	4.3	4.0
				FIRECRACKER LS (MVS-MST)	5.3	2.7	4.0

TABLE 34. BROWN PATCH (COOL TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	TX1	VA1	MEAN
JUSTICE	5.0	3.0	4.0
MVS-1107	5.0	3.0	4.0
RK 4	4.3	3.7	4.0
SPYDER LS (Z-2000)	5.0	3.0	4.0
GREENBROOKS (TG 50-9460)	4.7	3.0	3.8
BULLSEYE	4.3	3.3	3.8
LS 1010 (ATF 1328)	4.3	3.3	3.8
LS 1200 (SC-1)	5.0	2.7	3.8
TANZANIA (IS-TF-159)	4.0	3.7	3.8
UMBRELLA (DP 50-9411)	4.3	3.3	3.8
WOLFPACK II (PST-5WMB)	5.0	2.7	3.8
FAT CAT (IS-TF-161)	4.0	3.3	3.7
SPEEDWAY (STR-8BPDx)	4.7	2.7	3.7
FAITH (K06-WA)	4.3	3.0	3.7
FALCON V (ATM)	4.3	3.0	3.7
JAMBOREE (IS-TF-128)	4.3	3.0	3.7
TRAVERSE SRP (RK-1)	4.3	3.0	3.7
FIRENZA	4.0	3.0	3.5
PATAGONIA (GWTF)	4.0	3.0	3.5
CATALYST (NA-BT-1)	4.7	2.0	3.3
LSD VALUE	3.0	1.9	2.5
C.V. (%)	32.8	33.0	32.9

- 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.
- 3/ BROWN PATCH (COOL TEMPERATURE) RATED AT "TX1" IN 2008 AND AT "VA1" IN 2010.

TABLE 35.

PINK SNOW MOLD RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MN1	WI1	MEAN	NAME	MN1	WI1	MEAN
KY-31	5.7	8.0	6.8	HEMI	4.3	4.7	4.5
REUNION (LS-03)	4.7	7.0	5.8	J-130	3.3	5.7	4.5
MVS-1107	4.3	7.3	5.8	KY-41 (JT-41)	3.0	6.0	4.5
TITAN ULTRA (PSG-TTRH)	3.7	8.0	5.8	LS 1010 (ATF 1328)	2.7	6.3	4.5
ESSENTIAL (IS-TF-154)	4.3	7.0	5.7	PEDIGREE (ATF-1199)	3.0	6.0	4.5
FALCON NG (CE 1)	4.3	7.0	5.7	SPEEDWAY (STR-8BPDx)	4.3	4.7	4.5
JT-45	4.0	7.0	5.5	SPYDER LS (Z-2000)	3.0	6.0	4.5
PATAGONIA (GWTF)	4.0	7.0	5.5	TITANIUM LS (MVS-BB-1)	3.3	5.7	4.5
XTREMEGREEN (BGR-TF2)	4.3	6.7	5.5	TURBO	4.0	5.0	4.5
RENOVATE (LS-11)	4.0	6.7	5.3	BRAVEHEART (DP 50-9407)	4.0	4.7	4.3
STETSON II (NA-SS)	4.0	6.7	5.3	CROSSFIRE 3 (COL-J)	3.0	5.7	4.3
FINELAWN XPRESS (RP 2)	4.3	6.3	5.3	MVS-341	4.0	4.7	4.3
TERRIER (IS-TF-135)	3.7	7.0	5.3	REBEL IV	4.0	4.7	4.3
NINJA 3 (ATF 1247)	3.7	6.7	5.2	UMBRELLA (DP 50-9411)	3.0	5.7	4.3
TULSA TIME (TULSA III)	4.7	5.7	5.2	ARISTOTLE	2.3	6.3	4.3
RK 4	4.0	6.3	5.2	AST 7002	3.3	5.3	4.3
GUARDIAN 41 (STR-8BB5)	4.0	6.3	5.2	AST9003 (AST-1)	1.3	7.3	4.3
AST9001 (AST-3)	3.7	6.3	5.0	FIRENZA	2.7	6.0	4.3
AST9002 (AST-2)	3.7	6.3	5.0	HONKY TONK (RAD-TF17)	3.3	5.3	4.3
DARLINGTON (CS-TF1)	2.7	7.3	5.0	JUSTICE	2.7	6.0	4.3
JT-33	3.7	6.3	5.0	LS 1200 (SC-1)	3.3	5.3	4.3
RENDITION RX (PSG-RNDR)	3.3	6.7	5.0	ROCKET (IS-TF-147)	2.3	6.3	4.3
SHENANDOAH ELITE (RK 6)	4.3	5.7	5.0	AST7003	1.3	7.0	4.2
SKYLINE	4.7	5.3	5.0	BILTMORE	2.7	5.7	4.2
SR 8650 (STR-8LMM)	3.0	7.0	5.0	CORONA (COL-M)	1.7	6.7	4.2
GE-1	3.0	6.7	4.8	FALCON V (ATM)	3.3	5.0	4.2
HUNTER	3.0	6.7	4.8	RAPTOR II (MVS-TF-158)	3.3	5.0	4.2
TURBO RZ (BURL-TF8)	4.0	5.7	4.8	TALLADEGA (RP 3)	3.3	5.0	4.2
CEZANNE RZ (LTP-CRL)	3.3	6.3	4.8	TOCCOA (IS-TF-151)	2.7	5.7	4.2
FAT CAT (IS-TF-161)	3.7	6.0	4.8	ESCALADE	3.0	5.3	4.2
RK 5	4.3	5.3	4.8	JT-42	3.0	5.3	4.2
TRIO (IS-TF-152)	3.3	6.3	4.8	SHENANDOAH III (SH 3)	3.0	5.3	4.2
BAR FA 6363	4.7	4.7	4.7	0312	3.0	5.0	4.0
BULLSEYE	2.7	6.7	4.7	AST 7001	2.3	5.7	4.0
COCHISE IV (RKCL)	3.7	5.7	4.7	BLADE RUNNER II (PSG-85QR)	3.3	4.7	4.0
ESCALANTE (GO-1BFD)	2.7	6.7	4.7	EINSTEIN	2.3	5.7	4.0
SIDEWINDER (IS-TF-138)	3.7	5.7	4.7	FALCON IV	2.7	5.3	4.0
TANZANIA (IS-TF-159)	3.7	5.7	4.7	GOLD MEDALLION (KZ-1)	1.7	6.3	4.0
VENTURE (J-140)	2.7	6.7	4.7	GREENBROOKS (TG 50-9460)	3.0	5.0	4.0
CANNAVARO (DP 50-9440)	3.0	6.3	4.7	JT-36	2.3	5.7	4.0
PLATO	2.0	7.3	4.7	LINDBERGH	2.0	6.0	4.0
STR-8GRQR	3.0	6.3	4.7	MONET (LTP-610 CL)	2.7	5.3	4.0
AST1001 (AST-4)	2.0	7.0	4.5	MUSTANG 4 (M4)	3.0	5.0	4.0
COMPETE (LS-06)	3.0	6.0	4.5	PADRE	3.0	5.0	4.0
FAITH (K06-WA)	3.7	5.3	4.5	RNP	2.7	5.3	4.0
GARRISON (IS-TF-153)	4.0	5.0	4.5	SUNSET GOLD (KZ-2)	2.0	6.0	4.0
				WOLFPACK II (PST-5WMB)	3.0	5.0	4.0

TABLE 35. PINK SNOW MOLD RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MN1	WI1	MEAN
COL-1	3.0	4.7	3.8
GAZELLE II (PST-5HP)	2.0	5.7	3.8
HUDSON (DKS)	3.0	4.7	3.8
INTEGRITY (BGR-TF1)	2.0	5.7	3.8
PSG-82BR	3.0	4.7	3.8
SILVERADO	1.7	6.0	3.8
TITAN RX (PSG-TTST)	3.0	4.7	3.8
TRAVERSE SRP (RK-1)	2.0	5.7	3.8
VAN GOGH (LTP-RK2)	3.0	4.7	3.8
3RD MILLENNIUM SRP	2.7	5.0	3.8
CATALYST (NA-BT-1)	2.3	5.3	3.8
RHAMBLER SRP (RHAMBLER)	2.7	5.0	3.8
JAMBOREE (IS-TF-128)	2.7	4.7	3.7
TAHOE II	2.7	4.7	3.7
REMBRANDT	3.0	4.3	3.7
06-DUST	2.0	4.7	3.3
06-WALK	1.3	5.3	3.3
FIRECRACKER LS (MVS-MST)	2.3	4.3	3.3
MAGELLAN	3.0	3.0	3.0
BAR FA 6253	2.0	3.7	2.8
LSD VALUE	2.3	2.1	2.2
C.V. (%)	46.1	22.7	34.4

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.

3/ PINK SNOW MOLD RATED AT "MN1" IN 2010 AND AT "WI1" IN 2008.

TABLE 36.

FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	NM1	TX1	MEAN	NAME	GA1	NM1	TX1	MEAN
LS 1010 (ATF 1328)	6.1	8.8	8.3	6.7	LS 1200 (SC-1)	5.2	8.8	8.0	6.2
SPEEDWAY (STR-8BPDx)	5.9	8.7	7.7	6.6	STR-8GRQR	5.5	8.3	7.0	6.2
XTREMEGREEN (BGR-TF2)	5.8	8.7	8.0	6.5	TALLADEGA (RP 3)	5.7	7.8	7.7	6.2
GARRISON (IS-TF-153)	5.9	8.5	7.7	6.5	ESCALANTE (GO-1BFD)	5.5	8.2	7.0	6.2
SKYLINE	5.9	8.3	7.7	6.5	HUDSON (DKS)	5.5	8.3	7.7	6.2
TERRIER (IS-TF-135)	5.8	8.5	8.0	6.5	PEDIGREE (ATF-1199)	5.5	8.5	7.3	6.2
TULSA TIME (TULSA III)	5.9	8.3	8.0	6.5	RNP	5.6	8.2	8.3	6.2
ROCKET (IS-TF-147)	5.7	8.7	8.0	6.4	SPYDER LS (Z-2000)	5.6	8.2	8.0	6.2
BAR FA 6363	5.8	8.3	8.0	6.4	J-130	5.5	7.8	8.0	6.2
AST 7001	5.7	8.3	8.3	6.4	VAN GOGH (LTP-RK2)	5.4	8.5	7.7	6.2
GE-1	5.9	8.3	7.0	6.4	TURBO	5.4	8.5	8.0	6.2
STETSON II (NA-SS)	5.8	8.3	8.3	6.4	INTEGRITY (BGR-TF1)	5.4	7.7	8.3	6.1
SUNSET GOLD (KZ-2)	5.8	7.3	8.7	6.4	AST1001 (AST-4)	5.6	7.3	8.3	6.1
FAT CAT (IS-TF-161)	5.7	8.5	8.0	6.4	MVS-341	5.3	8.3	8.0	6.1
BRAVEHEART (DP 50-9407)	5.9	8.3	7.7	6.4	JAMBOREE (IS-TF-128)	5.2	8.3	7.7	6.1
FAITH (K06-WA)	5.6	8.0	8.0	6.4	AST9001 (AST-3)	5.4	7.7	8.0	6.1
RHAMBLER SRP (RHAMBLER)	5.7	8.3	7.0	6.4	LINDBERGH	5.3	8.5	7.3	6.1
TANZANIA (IS-TF-159)	5.8	8.5	7.7	6.4	AST9003 (AST-1)	5.5	7.2	8.3	6.1
TITANIUM LS (MVS-BB-1)	5.7	8.0	7.7	6.4	MVS-1107	5.5	8.5	7.3	6.1
BLADE RUNNER II (PSG-85QR)	5.5	8.5	7.7	6.4	RENDITION RX (PSG-RNDR)	5.4	7.8	7.3	6.1
FALCON V (ATM)	5.7	8.7	7.0	6.4	TOCCOA (IS-TF-151)	5.5	8.2	7.7	6.1
HEMI	5.7	8.5	7.3	6.4	REUNION (LS-03)	5.5	7.3	8.0	6.1
PATAGONIA (GWTF)	5.7	8.3	8.3	6.4	UMBRELLA (DP 50-9411)	5.1	8.7	8.0	6.1
WOLFPACK II (PST-5WMB)	5.9	7.7	7.7	6.4	3RD MILLENNIUM SRP	5.3	8.2	7.3	6.1
CORONA (COL-M)	5.7	8.3	8.3	6.3	BILTMORE	5.3	7.8	7.7	6.0
RK 4	5.5	8.3	8.0	6.3	CROSSFIRE 3 (COL-J)	5.2	8.0	8.7	6.0
GAZELLE II (PST-5HP)	5.8	8.5	7.0	6.3	ESSENTIAL (IS-TF-154)	5.3	8.3	7.0	6.0
RAPTOR II (MVS-TF-158)	5.7	8.5	7.3	6.3	GREENBROOKS (TG 50-9460)	5.1	8.5	7.3	6.0
AST 7002	5.6	8.7	8.0	6.3	HONKY TONK (RAD-TF17)	5.1	8.2	8.0	6.0
AST9002 (AST-2)	5.5	7.8	8.3	6.3	JT-42	5.3	8.3	7.7	6.0
FIRENZA	5.7	8.5	7.0	6.3	PSG-82BR	5.3	8.0	7.0	6.0
JT-36	5.4	8.5	7.7	6.3	JT-45	5.0	8.3	7.7	6.0
MAGELLAN	5.5	8.5	7.3	6.3	VENTURE (J-140)	5.1	8.5	7.0	6.0
BULLSEYE	5.5	8.5	7.3	6.3	GOLD MEDALLION (KZ-1)	5.4	8.0	7.7	6.0
DARLINGTON (CS-TF1)	5.6	7.7	8.7	6.3	SR 8650 (STR-8LMM)	5.1	8.3	8.0	6.0
MONET (LTP-610 CL)	5.7	8.3	7.3	6.3	COMPETE (LS-06)	5.5	6.8	8.3	5.9
REMBRANDT	5.7	8.5	6.7	6.3	FIRECRACKER LS (MVS-MST)	5.1	8.2	7.3	5.9
NINJA 3 (ATF 1247)	5.7	8.0	7.7	6.3	RK 5	5.2	8.3	7.3	5.9
TRIO (IS-TF-152)	5.8	7.5	8.0	6.3	CANNAVARO (DP 50-9440)	5.3	7.8	7.3	5.9
CEZANNE RZ (LTP-CRL)	5.6	8.2	7.3	6.2	JUSTICE	5.2	8.0	7.3	5.9
FALCON IV	5.6	8.3	7.7	6.2	GUARDIAN 41 (STR-8BB5)	5.0	8.5	7.3	5.9
KY-41 (JT-41)	5.5	8.3	7.0	6.2	CATALYST (NA-BT-1)	5.2	8.2	7.0	5.9
SIDEWINDER (IS-TF-138)	5.9	7.2	8.0	6.2	COL-1	5.1	8.0	8.0	5.9
TAHOE II	5.4	8.5	8.3	6.2	FINELAWN XPRESS (RP 2)	5.4	7.2	7.3	5.9
TRAVERSE SRP (RK-1)	5.6	8.2	7.0	6.2	MUSTANG 4 (M4)	5.3	7.3	7.3	5.9
AST7003	5.7	8.0	8.0	6.2	REBEL IV	5.0	8.2	7.3	5.9
					FALCON NG (CE 1)	5.4	7.2	7.3	5.8

TABLE 36. FALL COLOR (SEPTEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	NM1	TX1	MEAN
TITAN RX (PSG-TTST)	5.2	7.8	7.0	5.8
COCHISE IV (RKCL)	5.1	7.5	7.3	5.8
JT-33	5.1	8.0	7.7	5.8
ARISTOTLE	4.9	8.0	7.3	5.7
RENOVATE (LS-11)	5.0	7.5	8.0	5.7
ESCALADE	4.9	8.2	7.3	5.7
TURBO RZ (BURL-TF8)	5.3	6.2	7.7	5.7
SHENANDOAH ELITE (RK 6)	5.3	6.3	7.3	5.7
BAR FA 6253	4.8	7.7	7.7	5.7
EINSTEIN	4.9	8.0	7.7	5.7
PLATO	4.9	8.2	6.7	5.7
06-WALK	4.9	8.0	7.7	5.6
PADRE	5.1	6.8	7.3	5.6
SHENANDOAH III (SH 3)	4.6	7.8	7.3	5.6
TITAN ULTRA (PSG-TTRH)	5.0	6.5	8.0	5.5
O312	4.6	6.3	8.0	5.4
06-DUST	4.9	5.8	7.3	5.3
HUNTER	5.0	5.7	7.7	5.3
SILVERADO	4.5	7.0	6.7	5.3
KY-31	4.6	6.5	6.0	5.2
LSD VALUE	1.2	2.0	0.8	1.0
C.V. (%)	14.0	15.9	6.7	13.2

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

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

3/ FALL COLOR (SEPTEMBER) RATED AT "GA1" IN 2007-11, AT "NM1" IN 2009-10 AND AT "TX1" IN 2007.

TABLE 37. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 5/

NAME	GA1	MN1	NM1	TX1	WA3	MEAN
PATAGONIA (GWTF)	6.2	6.0	8.3	8.7	7.7	6.7
BRAVEHEART (DP 50-9407)	6.4	5.5	8.3	8.0	7.3	6.7
LS 1010 (ATF 1328)	6.3	5.7	8.8	7.7	7.3	6.7
FIRENZA	6.2	6.0	8.5	7.7	7.0	6.7
AST1001 (AST-4)	6.3	6.0	7.2	9.0	8.0	6.6
MONET (LTP-610 CL)	5.9	6.7	8.3	7.3	7.0	6.6
FAT CAT (IS-TF-161)	6.0	6.3	8.3	8.0	8.0	6.6
HUDSON (DKS)	6.2	6.2	8.2	8.3	7.7	6.6
CORONA (COL-M)	6.1	6.0	8.0	8.3	7.3	6.6
SKYLINE	6.4	5.5	8.0	7.3	7.0	6.6
TANZANIA (IS-TF-159)	6.3	5.5	8.5	7.7	7.3	6.6
TULSA TIME (TULSA III)	6.3	6.2	8.2	8.0	7.0	6.6
TOCCOA (IS-TF-151)	5.9	6.5	8.3	8.0	7.7	6.6
GARRISON (IS-TF-153)	6.1	6.0	8.3	7.7	7.0	6.6
GE-1	6.3	5.7	8.3	7.0	7.0	6.6
AST9002 (AST-2)	6.2	5.7	7.7	8.3	8.0	6.6
LS 1200 (SC-1)	5.7	6.8	8.5	7.7	7.0	6.6
AST9001 (AST-3)	6.1	6.0	7.3	8.3	7.3	6.5
TRIO (IS-TF-152)	6.3	6.3	7.2	8.0	7.7	6.5
STETSON II (NA-SS)	6.1	5.3	8.2	8.3	8.0	6.5
AST 7001	5.9	6.2	7.7	8.7	8.0	6.5
XTREMEGREEN (BGR-TF2)	6.1	5.0	8.3	8.7	8.0	6.5
TERRIER (IS-TF-135)	5.9	5.3	8.7	8.3	7.3	6.5
AST 7002	5.9	5.3	8.3	8.7	7.7	6.5
INTEGRITY (BGR-TF1)	6.0	6.0	7.2	8.7	8.0	6.5
GOLD MEDALLION (KZ-1)	6.1	5.5	7.8	8.0	8.0	6.5
SIDEWINDER (IS-TF-138)	6.2	6.2	7.2	8.0	7.7	6.4
AST7003	5.8	6.3	7.8	8.7	7.7	6.4
BULLSEYE	5.8	5.7	8.5	8.0	7.0	6.4
RK 4	5.9	5.3	8.5	8.0	7.0	6.4
CEZANNE RZ (LTP-CRL)	6.3	4.8	8.0	7.3	7.0	6.4
RAPTOR II (MVS-TF-158)	5.9	5.0	8.5	8.3	8.0	6.4
SUNSET GOLD (KZ-2)	6.1	6.2	6.7	8.7	8.0	6.4
BLADE RUNNER II (PSG-85QR)	5.9	5.7	8.0	8.0	7.0	6.4
DARLINGTON (CS-TF1)	5.8	5.8	7.8	8.3	7.7	6.4
FALCON V (ATM)	6.1	5.3	8.5	7.7	7.0	6.4
RNP	6.1	6.2	6.8	8.7	7.0	6.4
TRAVERSE SRP (RK-1)	6.1	5.5	8.0	7.3	7.0	6.4
RHAMBLER SRP (RHAMBLER)	6.0	5.5	8.3	7.7	6.7	6.4
BAR FA 6363	5.9	5.2	8.3	8.7	7.0	6.4
TAHOE II	5.8	5.0	8.0	8.3	8.0	6.4
MAGELLAN	5.8	5.3	8.2	8.3	7.0	6.4
ROCKET (IS-TF-147)	6.1	4.8	8.3	8.3	7.0	6.3
SPEEDWAY (STR-8BPDx)	6.1	5.0	8.0	8.0	7.0	6.3
JT-36	5.8	5.5	8.2	7.7	7.0	6.3
GREENBROOKS (TG 50-9460)	5.6	5.2	8.5	8.0	7.3	6.3

TABLE 37. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	MN1	NM1	TX1	WA3	MEAN
SPYDER LS (Z-2000)	5.9	5.0	8.3	8.7	7.3	6.3
NINJA 3 (ATF 1247)	5.9	5.8	7.5	8.3	7.0	6.3
GAZELLE II (PST-5HP)	5.9	5.5	8.2	7.0	6.7	6.3
WOLFPACK II (PST-5WMB)	5.9	6.2	7.5	7.7	6.3	6.3
REUNION (LS-03)	5.9	6.0	6.8	8.7	8.0	6.3
REBEL IV	5.8	5.2	8.0	8.0	7.0	6.3
UMBRELLA (DP 50-9411)	5.4	6.2	8.7	8.0	7.7	6.3
3RD MILLENNIUM SRP	5.8	5.2	7.8	8.3	7.0	6.2
MVS-1107	5.9	4.7	8.3	8.0	6.0	6.2
RK 5	5.9	5.3	8.2	8.0	6.7	6.2
HONKY TONK (RAD-TF17)	5.3	6.0	8.2	8.3	7.7	6.2
KY-41 (JT-41)	5.8	5.3	8.0	7.7	7.3	6.2
AST9003 (AST-1)	5.7	6.0	7.0	8.3	7.7	6.2
HEMI	5.6	5.3	8.3	7.7	7.0	6.2
FAITH (K06-WA)	5.7	6.2	7.5	8.0	7.0	6.2
FALCON IV	5.8	5.0	8.0	7.7	7.3	6.2
RENOVATE (LS-11)	5.6	5.5	7.2	8.7	7.7	6.2
STR-8GRQR	5.7	5.0	8.0	8.0	7.0	6.2
TURBO	5.6	5.7	8.5	7.3	7.3	6.2
TALLADEGA (RP 3)	5.7	5.5	7.8	7.7	7.0	6.2
SR 8650 (STR-8LMM)	5.4	5.3	8.3	8.3	7.3	6.1
VAN GOGH (LTP-RK2)	5.5	5.8	8.3	7.3	6.7	6.1
VENTURE (J-140)	5.4	5.7	8.3	7.3	7.0	6.1
JT-42	5.6	5.0	8.0	7.7	7.3	6.1
LINDBERGH	5.7	4.8	8.2	7.7	7.0	6.1
MVS-341	5.8	4.3	8.0	8.0	6.7	6.1
SHENANDOAH III (SH 3)	5.0	6.2	8.2	8.0	7.7	6.1
FINELAWN XPRESS (RP 2)	5.9	5.7	6.8	7.3	6.3	6.1
TITANIUM LS (MVS-BB-1)	6.0	4.3	7.5	7.7	7.0	6.1
COCHISE IV (RKCL)	5.5	5.8	7.3	7.7	7.3	6.1
COMPETE (LS-06)	5.6	5.8	6.7	9.0	7.7	6.1
FIRECRACKER LS (MVS-MST)	5.5	5.5	7.8	7.3	7.0	6.0
06-WALK	5.5	5.3	8.0	8.3	7.3	6.0
CATALYST (NA-BT-1)	5.7	4.8	8.0	7.3	6.7	6.0
ESSENTIAL (IS-TF-154)	5.5	5.7	8.2	7.3	6.7	6.0
HUNTER	5.5	6.2	6.0	8.0	8.0	6.0
J-130	5.6	5.0	7.7	8.0	7.7	6.0
PEDIGREE (ATF-1199)	5.5	4.8	8.5	7.0	7.3	6.0
JAMBOREE (IS-TF-128)	5.6	5.8	7.7	7.3	7.3	6.0
PSG-82BR	5.5	5.0	7.8	7.7	6.7	6.0
REMBRANDT	5.7	4.7	8.3	7.0	6.3	6.0
CROSSFIRE 3 (COL-J)	5.5	5.0	7.3	8.3	7.7	6.0
FALCON NG (CE 1)	5.8	4.8	6.7	8.0	7.3	6.0
ARISTOTLE	5.3	5.7	7.8	7.3	7.0	6.0
COL-1	5.3	5.2	8.0	8.7	7.7	6.0
MUSTANG 4 (M4)	5.4	5.5	7.2	7.7	7.3	6.0
RENDITION RX (PSG-RNDR)	5.5	4.8	7.5	8.0	7.0	6.0



TABLE 37. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	MN1	NM1	TX1	WA3	MEAN
GUARDIAN 41 (STR-8BB5)	5.8	4.0	8.0	7.7	6.3	6.0
CANNAVARO (DP 50-9440)	5.5	5.3	7.3	7.7	6.7	5.9
ESCALADE	5.3	5.0	8.0	8.0	6.7	5.9
EINSTEIN	5.4	4.8	7.8	7.7	7.3	5.9
JT-33	5.5	5.2	7.5	8.3	7.3	5.9
SHENANDOAH ELITE (RK 6)	5.6	5.5	6.0	8.0	7.3	5.9
JT-45	5.4	4.7	7.5	7.7	7.0	5.9
JUSTICE	5.2	5.5	7.7	7.0	7.0	5.8
BAR FA 6253	5.2	4.8	7.5	8.7	6.7	5.8
ESCALANTE (GO-1BFD)	5.6	3.7	8.0	7.7	6.7	5.8
TITAN RX (PSG-TTST)	5.7	3.8	7.5	6.7	6.7	5.8
TURBO RZ (BURL-TF8)	5.5	5.5	6.2	8.0	7.3	5.7
PLATO	5.3	4.2	8.2	7.0	6.3	5.7
BILTMORE	5.3	4.2	7.8	7.3	7.0	5.7
PADRE	5.3	4.8	6.8	7.7	6.7	5.6
0312	4.9	5.2	6.3	8.7	7.7	5.6
06-DUST	5.3	5.0	5.8	7.7	6.3	5.5
TITAN ULTRA (PSG-TTRH)	5.4	4.2	6.0	8.0	7.0	5.5
SILVERADO	4.7	2.8	7.2	7.0	5.3	4.9
KY-31	4.7	1.5	6.5	6.0	4.0	4.5
LSD VALUE	1.1	1.4	2.1	1.1	0.8	1.0
C.V. (%)	12.4	16.7	17.0	9.0	7.3	13.8

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

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

3/ FALL COLOR (OCTOBER) RATED AT "GA1" IN 2007-11, AT "MN1" IN 2008-09, AT "NM1" IN 2009-10 AND AT "TX1" & "WA3" IN 2007.

TABLE 38.

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	GA1	IL1	KS2	NC1	NE1	NJ2	NM1	TX1	UT1	WI1	MEAN
RHAMBLER SRP (RHAMBLER)	6.5	4.8	5.5	7.7	5.7	6.5	7.8	7.5	5.3	5.3	6.2
BRAVEHEART (DP 50-9407)	6.8	4.6	5.3	7.8	5.3	5.3	7.8	7.7	5.7	4.7	6.2
LS 1200 (SC-1)	6.1	4.4	5.5	8.7	6.0	6.5	8.3	7.7	5.0	6.7	6.2
RK 5	6.4	4.7	5.0	7.7	6.0	6.5	8.0	7.3	5.0	5.0	6.1
MONET (LTP-610 CL)	6.4	4.3	4.2	8.2	5.7	6.7	8.3	7.2	4.7	6.3	6.1
SPEEDWAY (STR-8BPDx)	6.2	4.8	4.5	7.2	5.7	6.3	8.5	7.2	4.7	6.3	6.1
TULSA TIME (TULSA III)	6.5	4.7	4.8	6.5	5.0	5.5	7.8	8.0	5.0	6.3	6.0
RK 4	6.3	5.0	4.3	7.0	5.7	6.2	8.3	7.5	4.3	5.7	6.0
FALCON V (ATM)	6.1	5.1	4.5	7.7	5.0	5.8	8.0	7.5	5.3	6.0	6.0
AST 7001	6.5	4.9	5.0	7.0	5.3	5.3	6.8	8.2	5.0	4.7	6.0
FIRENZA	6.5	5.0	4.7	6.3	5.0	5.7	8.0	7.3	4.3	5.3	6.0
GE-1	6.9	4.2	4.5	7.5	5.3	5.3	8.2	7.2	5.0	5.0	6.0
CEZANNE RZ (LTP-CRL)	6.7	4.3	4.5	7.5	5.0	5.3	8.0	7.8	5.3	5.3	6.0
CATALYST (NA-BT-1)	6.0	4.8	5.0	7.2	5.3	5.5	8.0	7.5	5.3	7.0	6.0
GARRISON (IS-TF-153)	6.6	4.5	4.5	7.7	4.3	5.8	8.2	7.0	5.0	6.7	6.0
MVS-1107	6.0	4.8	5.5	6.5	5.3	5.2	8.0	7.3	4.7	5.7	6.0
TRAVERSE SRP (RK-1)	5.9	4.8	5.2	7.8	5.3	6.0	7.7	7.0	5.3	6.0	6.0
WOLFPACK II (PST-5WMB)	6.4	4.5	5.5	7.3	5.3	6.0	7.0	7.7	4.3	5.7	5.9
BULLSEYE	6.3	4.4	4.2	7.2	5.0	5.8	8.5	7.5	4.7	6.0	5.9
SHENANDOAH III (SH 3)	5.5	5.1	5.2	7.8	5.0	5.8	7.8	7.3	5.0	6.3	5.9
HEMI	5.9	4.9	4.7	6.7	5.7	6.3	8.3	7.2	4.3	5.3	5.9
TURBO	5.8	4.5	5.2	7.7	5.0	6.7	8.3	7.5	4.7	4.7	5.9
BAR FA 6363	6.0	4.3	5.0	6.7	5.0	5.7	8.2	7.8	5.3	6.3	5.9
SPYDER LS (Z-2000)	5.9	4.7	4.3	7.3	5.0	6.0	7.5	8.0	5.3	6.3	5.9
CORONA (COL-M)	6.1	5.1	5.0	6.2	4.3	5.2	7.2	8.0	5.3	6.0	5.9
FIRECRACKER LS (MVS-MST)	5.6	4.8	5.3	7.5	5.3	6.0	8.3	7.7	4.3	6.7	5.9
RAPTOR II (MVS-TF-158)	6.5	4.9	4.7	7.3	5.0	4.7	7.8	7.5	4.7	4.0	5.9
SKYLINE	6.7	4.8	4.7	6.5	5.0	5.0	7.2	7.2	4.7	4.7	5.9
FAITH (K06-WA)	6.0	4.8	5.2	7.5	5.7	7.7	5.8	7.8	4.3	6.7	5.9
XTREMEGREEN (BGR-TF2)	6.5	5.0	4.2	6.5	4.3	5.0	7.5	8.2	4.7	5.7	5.9
COCHISE IV (RKCL)	5.7	5.0	5.2	7.5	5.0	8.0	6.5	7.5	5.0	6.0	5.9
TANZANIA (IS-TF-159)	6.9	4.3	4.0	6.3	5.0	5.5	8.0	6.8	5.0	5.7	5.9
STR-8GRQR	6.1	5.0	5.3	5.8	5.3	5.3	7.8	7.5	4.0	5.3	5.9
SR 8650 (STR-8LMM)	6.0	4.9	4.5	5.8	5.0	5.0	8.2	8.0	4.3	6.0	5.9
3RD MILLENNIUM SRP	6.0	4.6	4.8	7.3	5.3	5.5	7.5	7.3	4.3	5.3	5.8
MUSTANG 4 (M4)	5.9	4.8	4.7	7.5	6.0	5.3	6.5	7.3	5.0	5.7	5.8
VAN GOGH (LTP-RK2)	5.9	4.8	5.0	7.0	5.3	5.7	7.8	7.2	4.0	5.7	5.8
REMBRANDT	5.8	5.0	5.2	7.0	5.0	4.5	7.7	6.8	5.7	5.0	5.8
FAT CAT (IS-TF-161)	6.1	4.7	4.5	7.0	4.7	5.8	7.8	7.0	5.0	5.7	5.8
HONKY TONK (RAD-TF17)	5.6	4.7	5.0	7.2	5.3	5.5	7.7	8.0	4.3	5.7	5.8
TRIO (IS-TF-152)	6.4	4.4	5.0	5.7	5.0	5.5	7.0	7.5	5.7	4.7	5.8
PSG-82BR	6.0	4.8	4.8	6.0	5.0	5.2	7.8	7.5	4.7	6.3	5.8
VENTURE (J-140)	5.8	4.9	4.8	7.0	4.7	5.7	8.0	7.0	5.0	6.7	5.8
TITANIUM LS (MVS-BB-1)	5.9	5.0	4.8	6.5	4.7	5.7	7.3	7.5	4.7	6.7	5.8
UMBRELLA (DP 50-9411)	5.6	4.4	4.5	7.5	5.0	5.3	8.2	7.7	5.0	6.3	5.8
ROCKET (IS-TF-147)	6.1	4.3	4.5	7.0	5.0	5.3	8.2	7.8	5.0	5.3	5.8

TABLE 38. (CONT'D)

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	GA1	IL1	KS2	NC1	NE1	NJ2	NM1	TX1	UT1	WI1	MEAN
ESSENTIAL (IS-TF-154)	5.7	4.7	4.7	7.0	5.3	5.8	8.2	7.2	5.3	5.0	5.8
RENOVATE (LS-11)	6.3	5.1	4.5	6.2	4.3	5.0	6.7	7.8	5.0	5.3	5.8
PEDIGREE (ATF-1199)	6.1	4.8	4.8	7.0	5.0	4.8	8.2	7.3	4.0	4.7	5.8
FINELAWN XPRESS (RP 2)	5.9	5.0	5.2	5.8	5.3	5.8	6.2	7.3	5.7	6.0	5.8
SIDEWINDER (IS-TF-138)	6.3	4.5	4.7	6.5	5.3	6.2	6.3	7.5	4.3	5.7	5.8
AST9002 (AST-2)	6.0	4.6	5.0	6.7	5.0	4.8	7.2	7.8	4.7	6.0	5.8
TERRIER (IS-TF-135)	6.3	4.8	4.7	5.5	5.0	4.8	8.0	7.8	4.7	5.0	5.8
JAMBOREE (IS-TF-128)	5.7	4.7	4.2	6.5	6.0	6.7	7.3	7.3	5.0	6.0	5.8
GUARDIAN 41 (STR-8BB5)	5.8	4.2	4.8	7.7	5.7	5.2	7.8	7.8	4.3	5.7	5.8
GREENBROOKS (TG 50-9460)	6.1	4.7	4.5	6.0	5.0	5.7	8.0	7.3	4.7	5.0	5.7
TALLADEGA (RP 3)	5.7	4.8	4.8	6.8	5.0	5.3	6.8	7.8	5.0	6.0	5.7
GAZELLE II (PST-5HP)	6.1	4.3	5.0	6.8	5.0	4.7	8.0	7.2	5.0	5.7	5.7
AST 7002	6.3	4.2	4.2	7.0	4.7	5.0	7.2	8.0	4.7	5.7	5.7
STETSON II (NA-SS)	6.3	4.3	4.0	5.5	4.3	5.2	7.5	8.2	5.0	6.7	5.7
TAHOE II	6.1	4.1	5.0	6.7	4.3	5.5	7.7	7.7	4.3	7.0	5.7
BAR FA 6253	5.4	5.1	5.3	6.5	4.7	5.5	7.0	7.7	5.0	6.3	5.7
JT-36	6.3	4.6	4.8	5.8	4.3	5.7	7.5	7.3	4.7	5.7	5.7
INTEGRITY (BGR-TF1)	6.4	4.4	4.7	6.2	4.7	5.2	6.2	8.2	4.7	6.0	5.7
ESCALANTE (GO-1BFD)	5.6	4.5	5.0	6.3	5.0	5.0	8.0	7.7	5.3	4.7	5.7
EINSTEIN	5.9	4.4	4.8	5.8	5.0	5.3	7.7	7.0	4.3	7.0	5.7
GOLD MEDALLION (KZ-1)	6.5	4.4	4.3	6.2	4.7	5.2	6.5	7.2	5.3	5.7	5.7
COL-1	5.7	4.6	5.0	6.3	4.7	4.8	7.3	7.8	5.0	6.0	5.7
TOCCOA (IS-TF-151)	5.5	4.5	4.2	7.3	5.0	5.7	7.8	7.7	4.7	6.3	5.7
REBEL IV	5.9	4.0	5.2	6.7	5.3	5.8	7.2	6.8	5.3	4.3	5.6
J-130	5.9	4.7	4.0	5.8	4.7	5.5	7.5	7.7	4.7	6.0	5.6
MVS-341	6.0	5.0	4.7	6.2	4.3	4.5	7.5	7.2	5.0	5.0	5.6
FALCON IV	6.1	4.3	4.7	7.0	5.0	5.0	7.3	7.3	4.3	4.7	5.6
LS 1010 (ATF 1328)	6.4	3.8	4.3	5.8	4.3	5.8	7.8	7.2	5.0	5.3	5.6
PADRE	6.0	4.9	4.3	6.5	4.7	4.7	6.7	7.2	5.0	5.3	5.6
NINJA 3 (ATF 1247)	6.0	4.3	4.5	6.0	5.0	5.5	7.0	7.8	4.7	6.3	5.6
HUDSON (DKS)	6.1	4.2	4.3	6.7	5.0	4.7	7.5	7.7	4.3	6.7	5.6
JT-42	6.1	4.2	4.3	7.5	5.0	4.7	7.2	7.2	4.7	4.7	5.6
JUSTICE	5.7	4.4	4.2	7.2	5.3	5.3	7.5	7.0	5.0	6.0	5.6
PATAGONIA (GWTF)	6.2	3.8	4.8	6.8	5.3	5.5	7.5	7.5	4.7	5.7	5.6
REUNION (LS-03)	6.1	4.8	4.8	6.3	4.7	4.7	6.0	7.7	5.0	5.7	5.6
SUNSET GOLD (KZ-2)	6.4	4.2	4.5	6.5	4.7	4.8	6.0	7.8	5.3	6.0	5.6
FALCON NG (CE 1)	6.0	4.6	4.5	6.2	5.0	4.3	6.3	7.7	5.0	4.7	5.6
ESCALADE	5.4	4.5	4.3	6.7	5.0	5.5	7.7	7.2	4.7	5.7	5.5
06-WALK	5.9	4.3	4.5	5.5	4.7	4.3	7.3	7.2	5.7	5.0	5.5
ARISTOTLE	5.8	4.8	4.7	6.0	4.0	5.0	7.2	6.5	5.0	5.7	5.5
CROSSFIRE 3 (COL-J)	5.7	4.3	4.7	6.2	4.3	5.2	6.7	7.5	5.3	6.7	5.5
SHENANDOAH ELITE (RK 6)	5.6	4.8	5.0	5.7	5.0	5.7	5.3	7.8	5.3	6.7	5.5
CANNAVARO (DP 50-9440)	5.9	4.6	4.2	5.5	4.7	5.3	7.2	7.2	5.0	6.0	5.5
BLADE RUNNER II (PSG-85QR)	6.1	4.0	5.2	6.5	5.3	4.8	6.7	7.0	4.7	5.0	5.5
LINDBERGH	5.2	4.5	4.8	5.8	4.3	5.0	7.8	6.8	5.3	6.3	5.5
KY-41 (JT-41)	6.0	4.7	4.3	6.7	4.7	5.3	6.5	6.7	4.3	5.0	5.5
DARLINGTON (CS-TF1)	6.1	3.8	4.8	6.5	4.7	5.0	6.8	8.2	5.0	5.3	5.5

TABLE 38. (CONT'D)

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

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

NAME	GA1	IL1	KS2	NC1	NE1	NJ2	NM1	TX1	UT1	WI1	MEAN
RENDITION RX (PSG-RNDR)	5.9	4.4	4.3	5.8	4.7	5.0	6.3	7.5	4.7	5.0	5.5
AST9003 (AST-1)	5.9	4.8	4.7	6.0	4.0	4.7	6.2	7.7	4.3	6.3	5.5
TITAN RX (PSG-TTST)	5.7	4.3	4.5	5.7	4.7	4.5	7.5	7.2	4.7	6.0	5.5
MAGELLAN	5.9	3.9	4.3	6.2	4.0	4.3	8.0	7.3	5.0	5.7	5.4
JT-45	5.9	4.4	4.5	6.3	5.3	5.0	6.5	7.2	4.3	4.7	5.4
AST7003	6.2	4.2	4.3	6.0	4.0	4.5	6.7	8.0	5.0	4.7	5.4
PLATO	5.3	5.2	4.5	5.2	4.3	4.5	7.7	6.8	4.3	7.0	5.4
BILTMORE	5.7	4.6	4.8	6.2	4.7	4.2	7.0	6.8	5.0	5.0	5.4
JT-33	5.5	4.4	5.3	5.3	5.3	5.2	7.0	7.5	5.0	4.3	5.4
RNP	6.2	3.9	4.5	6.2	4.3	4.8	6.3	8.2	5.0	4.7	5.4
AST9001 (AST-3)	5.5	4.3	4.5	6.3	4.3	4.8	6.8	8.2	5.3	4.7	5.4
06-DUST	5.9	4.1	4.3	7.0	5.3	5.0	5.7	7.2	4.7	5.7	5.4
HUNTER	5.9	4.3	4.8	6.3	4.3	4.8	5.2	7.0	5.0	6.7	5.4
TITAN ULTRA (PSG-TTRH)	5.7	4.4	5.5	5.5	4.7	4.8	5.7	7.0	4.7	5.7	5.3
AST1001 (AST-4)	6.5	3.6	3.8	5.7	4.0	5.2	5.8	7.8	5.0	5.3	5.3
TURBO RZ (BURL-TF8)	5.9	4.6	4.5	6.8	4.3	4.7	5.7	7.2	4.7	4.3	5.3
0312	5.3	4.1	4.2	5.5	4.7	5.2	5.8	8.2	5.0	5.0	5.2
COMPETE (LS-06)	5.7	3.4	4.3	5.7	5.0	4.5	5.8	7.8	5.0	5.3	5.1
SILVERADO	4.9	4.0	3.8	5.5	4.3	3.3	7.3	6.2	5.3	4.7	4.9
KY-31	4.9	2.4	4.5	3.8	4.0	2.2	6.3	5.7	4.3	3.3	4.2
LSD VALUE	1.2	1.1	1.5	1.7	0.9	1.6	2.2	1.2	1.1	2.4	0.7
C.V. (%)	12.5	15.2	20.0	16.4	11.2	18.6	18.7	9.6	14.6	26.6	15.7

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

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

TABLE 39. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	IL1	KS2	TN1	TX1	MEAN
BRAVEHEART (DP 50-9407)	6.3	6.0	6.3	6.0	7.7	6.4
TANZANIA (IS-TF-159)	6.3	5.3	6.3	6.3	7.3	6.4
GE-1	6.4	5.0	7.0	6.3	7.0	6.4
MONET (LTP-610 CL)	6.3	5.7	6.3	7.0	6.7	6.3
CEZANNE RZ (LTP-CRL)	6.3	5.0	6.7	6.0	7.7	6.3
RHAMBLER SRP (RHAMBLER)	6.1	6.0	6.3	6.3	7.3	6.3
AST1001 (AST-4)	6.4	5.3	6.0	4.7	7.7	6.2
SIDEWINDER (IS-TF-138)	6.1	5.0	6.7	6.0	7.0	6.2
GARRISON (IS-TF-153)	6.4	5.3	6.0	6.3	7.0	6.2
SKYLINE	6.2	6.0	6.7	4.7	7.0	6.2
TULSA TIME (TULSA III)	6.1	5.3	6.0	5.7	8.0	6.2
FALCON V (ATM)	5.9	5.7	7.3	7.0	7.0	6.2
WOLFPACK II (PST-5WMB)	6.2	5.7	5.0	6.7	7.7	6.2
FIRENZA	6.1	6.0	5.7	6.0	6.7	6.1
CATALYST (NA-BT-1)	6.1	6.0	5.7	6.7	6.3	6.1
FAITH (K06-WA)	5.9	6.0	6.3	7.3	7.7	6.1
FAT CAT (IS-TF-161)	6.2	5.7	5.3	5.7	6.7	6.1
LS 1200 (SC-1)	6.1	6.0	6.0	7.0	7.3	6.1
RK 4	6.2	5.3	5.3	6.3	7.3	6.1
RK 5	6.1	5.0	6.7	6.3	7.0	6.1
SPEEDWAY (STR-8BPDx)	5.9	5.0	7.0	6.3	7.0	6.1
GOLD MEDALLION (KZ-1)	6.2	5.0	6.0	5.3	7.0	6.1
PADRE	5.9	5.7	6.3	6.0	7.3	6.1
ROCKET (IS-TF-147)	5.9	5.3	5.7	6.7	7.3	6.1
INTEGRITY (BGR-TF1)	5.9	5.3	7.0	5.0	7.7	6.1
AST9001 (AST-3)	6.1	5.7	4.7	5.7	7.7	6.0
FALCON IV	5.8	5.7	6.7	6.0	7.0	6.0
AST9002 (AST-2)	6.1	5.7	6.0	5.3	7.0	6.0
BULLSEYE	6.0	5.3	5.3	6.7	7.3	6.0
TRAVERSE SRP (RK-1)	5.9	5.3	7.0	6.3	7.0	6.0
GREENBROOKS (TG 50-9460)	6.0	5.7	5.0	6.3	7.7	6.0
TRIO (IS-TF-152)	5.9	5.0	6.3	5.7	7.3	6.0
RENOVATE (LS-11)	5.9	6.3	6.3	5.3	7.3	6.0
TITANIUM LS (MVS-BB-1)	6.0	5.0	5.7	7.0	7.0	6.0
AST 7002	6.1	5.3	5.7	4.7	7.7	6.0
FALCON NG (CE 1)	5.7	5.7	6.3	6.3	6.7	6.0
SR 8650 (STR-8LMM)	5.9	5.0	5.0	6.7	8.0	6.0
TERRIER (IS-TF-135)	6.2	5.3	4.7	5.7	7.7	6.0
3RD MILLENNIUM SRP	5.9	5.7	5.7	6.3	6.3	5.9
AST 7001	6.0	5.3	6.0	5.0	7.7	5.9
SUNSET GOLD (KZ-2)	6.2	5.0	5.3	4.3	7.7	5.9
BAR FA 6363	5.9	5.7	5.0	5.7	7.7	5.9
CORONA (COL-M)	6.1	5.0	4.7	5.0	7.7	5.9
MVS-1107	5.7	5.3	5.7	6.0	7.3	5.9
PATAGONIA (GWTF)	5.9	5.3	6.3	4.7	7.3	5.9
TURBO	5.8	5.3	5.3	7.0	7.3	5.9

TABLE 39. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	IL1	KS2	TN1	TX1	MEAN
XTREMEGREEN (BGR-TF2)	5.8	6.7	4.3	5.7	7.7	5.9
AST7003	6.1	6.0	3.7	5.3	7.7	5.9
KY-41 (JT-41)	5.7	5.0	6.3	6.0	7.0	5.9
RENDITION RX (PSG-RNDR)	6.1	5.3	4.0	5.7	7.3	5.9
GUARDIAN 41 (STR-8BB5)	5.8	5.7	5.7	6.0	8.0	5.9
GAZELLE II (PST-5HP)	5.8	5.3	5.3	6.3	7.3	5.9
HUNTER	6.1	5.3	5.0	5.0	7.3	5.9
STETSON II (NA-SS)	5.8	5.3	6.0	5.3	7.3	5.9
FINELAWN XPRESS (RP 2)	5.9	5.3	5.3	6.3	7.3	5.9
HEMI	5.9	5.3	5.7	6.3	6.7	5.9
HUDSON (DKS)	5.9	5.7	5.3	5.3	7.7	5.9
SPYDER LS (Z-2000)	5.6	5.3	5.3	6.3	7.7	5.9
RNP	5.7	5.7	6.7	5.0	7.3	5.9
BILTMORE	6.1	5.0	5.0	5.0	6.7	5.8
BLADE RUNNER II (PSG-85QR)	5.7	5.0	5.7	6.7	7.0	5.8
DARLINGTON (CS-TF1)	5.9	5.3	5.7	5.0	7.3	5.8
ESSENTIAL (IS-TF-154)	6.0	5.3	5.0	5.7	6.7	5.8
JT-42	5.9	4.7	5.7	4.7	7.7	5.8
LS 1010 (ATF 1328)	5.9	5.0	5.0	5.7	7.0	5.8
MUSTANG 4 (M4)	5.7	6.3	5.3	7.0	7.0	5.8
NINJA 3 (ATF 1247)	5.7	5.3	5.7	6.0	7.7	5.8
PSG-82BR	5.8	6.0	5.0	6.3	7.0	5.8
RAPTOR II (MVS-TF-158)	5.8	5.0	5.3	6.0	7.7	5.8
TOCCOA (IS-TF-151)	5.9	5.0	5.0	6.0	7.7	5.8
STR-8GRQR	5.9	5.3	5.0	6.0	7.0	5.8
CANNAVARO (DP 50-9440)	5.6	5.0	6.3	6.7	7.7	5.8
AST9003 (AST-1)	5.9	6.3	4.7	5.3	7.3	5.8
ESCALANTE (GO-1BFD)	5.7	6.0	5.3	6.0	7.7	5.8
JT-36	5.8	5.3	5.7	5.3	7.7	5.8
J-130	5.7	5.0	5.7	5.3	7.3	5.8
COMPETE (LS-06)	5.7	6.0	5.0	5.0	7.3	5.8
REUNION (LS-03)	5.8	5.3	5.0	4.7	7.7	5.7
ARISTOTLE	5.9	5.7	4.3	5.0	6.7	5.7
SHENANDOAH III (SH 3)	5.6	5.0	6.0	6.3	7.0	5.7
TAHOE II	5.8	5.3	5.0	5.0	7.3	5.7
VENTURE (J-140)	5.7	6.0	5.3	6.3	7.0	5.7
SHENANDOAH ELITE (RK 6)	5.6	5.3	5.3	7.0	7.7	5.7
MVS-341	5.8	5.0	6.0	5.7	6.7	5.7
REBEL IV	5.7	5.7	5.0	5.7	6.7	5.7
06-DUST	5.7	5.3	6.0	5.3	6.7	5.7
06-WALK	5.3	5.3	6.7	5.7	7.0	5.7
TITAN ULTRA (PSG-TTRH)	5.6	4.7	5.3	6.7	7.3	5.7
VAN GOGH (LTP-RK2)	5.9	5.0	5.7	5.3	7.0	5.7
JAMBOREE (IS-TF-128)	5.5	6.0	5.7	6.3	7.3	5.7
MAGELLAN	5.6	5.7	5.3	5.3	7.3	5.7
LINDBERGH	5.7	5.7	5.3	5.7	6.7	5.7
TALLADEGA (RP 3)	5.4	5.3	5.7	6.7	7.3	5.7

TABLE 39. FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/					MEAN
	GA1	IL1	KS2	TN1	TX1	
TITAN RX (PSG-TTST)	5.5	6.0	5.0	6.0	6.7	5.7
UMBRELLA (DP 50-9411)	5.5	5.3	6.3	6.0	7.7	5.7
HONKY TONK (RAD-TF17)	5.5	5.7	5.3	6.0	7.3	5.7
EINSTEIN	5.6	5.3	5.3	5.7	7.0	5.7
PEDIGREE (ATF-1199)	5.7	5.7	4.3	5.3	7.3	5.7
COCHISE IV (RKCL)	5.8	5.7	5.3	5.7	7.3	5.6
TURBO RZ (BURL-TF8)	5.5	5.0	4.3	6.3	8.0	5.6
REMBRANDT	5.8	5.0	4.0	5.3	6.7	5.5
ESCALADE	5.5	5.0	5.3	5.3	7.7	5.5
0312	5.4	6.0	5.0	5.0	7.3	5.5
BAR FA 6253	5.3	5.7	5.7	6.0	7.0	5.5
JT-45	5.5	5.0	5.3	5.3	7.3	5.5
CROSSFIRE 3 (COL-J)	5.5	5.3	5.0	4.7	7.3	5.5
FIRECRACKER LS (MVS-MST)	5.4	5.3	4.7	6.7	7.3	5.5
JUSTICE	5.4	6.3	4.7	5.3	6.3	5.4
COL-1	5.6	5.3	3.7	5.0	7.0	5.4
PLATO	5.3	5.0	5.3	5.3	7.0	5.4
JT-33	5.3	5.0	4.3	5.3	7.3	5.3
SILVERADO	5.0	5.0	5.3	5.0	6.3	5.1
KY-31	4.7	5.7	5.3	5.0	5.7	4.8
LSD VALUE	1.0	0.9	1.8	1.1	1.1	0.9
C.V. (%)	10.7	10.2	20.7	12.0	9.1	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.

3/ FALL COLOR (DECEMBER) RATED AT "GA1" IN 2007-11, AT "IL1" IN 2007, AT "KS2" IN 2011, AT "TN1" IN 2009 AND AT "TX1" IN 2008.

TABLE 40.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/

NAME	AR1	IL1	KS2	KY1	MN1	MS1	NJ1	NJ2	RI1	UT1	VA1	WA3	WI1	MEAN
3RD MILLENNIUM SRP	69.0	81.7	75.0	92.7	6.7	53.3	53.3	60.0	78.3	5.0	86.7	76.7	95.7	64.2
RK 4	84.0	85.0	65.0	96.7	6.0	51.7	45.0	55.0	85.0	4.7	80.0	80.0	90.0	63.7
FAITH (K06-WA)	80.3	86.7	75.0	92.7	5.0	50.0	48.3	58.3	79.3	4.3	81.7	80.0	85.7	63.6
LINDBERGH	83.0	73.3	78.3	99.0	5.0	50.0	48.3	63.3	75.7	5.3	83.3	70.0	87.7	63.3
SHENANDOAH III (SH 3)	83.3	81.7	73.3	99.0	5.3	48.3	41.7	61.7	79.3	4.3	80.0	70.0	90.0	62.9
PLATO	76.7	63.3	86.7	97.7	5.0	50.0	46.7	58.3	78.3	5.0	83.3	73.3	90.0	62.6
FALCON V (ATM)	83.0	75.0	73.3	93.7	5.0	53.3	38.3	61.7	86.7	4.7	81.7	66.7	91.0	62.6
MONET (LTP-610 CL)	63.3	73.3	76.7	94.7	5.7	51.7	50.0	60.0	84.0	4.7	75.0	80.0	83.3	61.7
SILVERADO	80.3	75.0	75.0	93.0	5.0	48.3	36.7	56.7	84.0	4.7	85.0	70.0	85.0	61.4
COCHISE IV (RKCL)	75.3	80.0	71.7	97.7	4.7	51.7	38.3	58.3	81.0	3.7	73.3	73.3	89.0	61.4
BRAVEHEART (DP 50-9407)	72.7	73.3	81.7	97.3	3.7	48.3	36.7	60.0	78.3	4.7	85.0	70.0	85.0	61.3
MAGELLAN	73.3	75.0	78.3	97.7	6.0	50.0	31.7	55.0	78.3	4.7	75.0	80.0	89.3	61.1
RK 5	70.3	75.0	75.0	93.0	4.7	50.0	43.3	58.3	75.0	4.0	85.0	73.3	86.7	61.1
LS 1200 (SC-1)	78.7	76.7	63.3	95.0	5.7	48.3	36.7	61.7	71.7	4.3	85.0	73.3	91.0	60.9
EINSTEIN	77.7	68.3	75.0	94.0	6.0	46.7	40.0	56.7	73.3	5.0	78.3	80.0	87.3	60.6
SHENANDOAH ELITE (RK 6)	77.7	86.7	61.7	94.3	5.0	50.0	36.7	60.0	78.3	4.3	76.7	73.3	83.3	60.6
FIRENZA	73.7	85.0	78.3	97.7	6.3	48.3	33.3	56.7	75.0	3.7	76.7	73.3	78.3	60.5
JUSTICE	76.0	75.0	75.0	97.7	5.3	46.7	30.0	56.7	79.0	4.3	80.0	70.0	89.0	60.4
KY-31	71.3	78.3	83.3	86.7	6.7	48.3	33.3	40.0	86.7	4.7	86.7	76.7	80.7	60.3
PADRE	67.7	83.3	75.0	96.3	5.0	51.7	33.3	51.7	74.3	4.7	78.3	70.0	87.0	59.9
FALCON IV	79.0	80.0	71.7	99.0	6.3	48.3	30.0	53.3	78.3	3.3	80.0	66.7	80.0	59.7
ARISTOTLE	60.0	73.3	75.0	96.7	5.3	50.0	36.7	60.0	73.3	5.3	78.3	73.3	86.7	59.5
JT-42	63.7	81.7	76.7	98.7	5.0	48.3	30.0	56.7	72.3	4.3	76.7	76.7	83.3	59.5
SPYDER LS (Z-2000)	75.7	78.3	61.7	97.3	5.7	48.3	33.3	53.3	76.7	4.3	85.0	70.0	83.3	59.5
KY-41 (JT-41)	76.0	83.3	70.0	99.0	5.0	46.7	30.0	48.3	79.3	3.3	75.0	73.3	81.7	59.3
BILTMORE	80.7	71.7	70.0	93.0	5.0	48.3	30.0	46.7	80.7	5.0	80.0	73.3	84.3	59.1
TITAN RX (PSG-TTST)	71.0	76.7	66.7	92.3	4.0	46.7	33.3	56.7	72.3	4.3	86.7	73.3	81.7	58.9
06-DUST	77.7	78.3	68.3	93.0	5.3	46.7	33.3	56.7	69.0	4.0	75.0	70.0	86.0	58.7
PSG-82BR	73.7	83.3	71.7	91.3	5.7	45.0	28.3	51.7	76.7	4.0	76.7	70.0	83.3	58.6
FALCON NG (CE 1)	77.7	78.3	70.0	91.3	5.3	46.7	26.7	58.3	84.0	4.3	78.3	56.7	83.3	58.5
ESCALANTE (GO-1BFD)	75.0	80.0	81.7	85.7	5.0	46.7	23.3	58.3	66.0	4.0	85.0	70.0	80.0	58.5
ESCALADE	72.0	81.7	65.0	93.0	5.0	46.7	33.3	50.0	71.7	4.7	78.3	76.7	81.7	58.4
GREENBROOKS (TG 50-9460)	75.7	75.0	73.3	96.3	5.3	46.7	36.7	48.3	76.7	4.7	80.0	53.3	85.7	58.3
FINELAWN XPRESS (RP 2)	72.7	81.7	51.7	95.0	5.0	46.7	28.3	58.3	74.3	4.7	80.0	73.3	82.7	58.0
GE-1	73.3	76.7	61.7	96.7	6.0	48.3	38.3	53.3	68.3	4.0	75.0	63.3	87.0	57.8
REBEL IV	78.7	81.7	60.0	83.0	6.0	48.3	35.0	60.0	69.3	3.7	73.3	66.7	86.0	57.8
REMBRANDT	50.3	83.3	58.3	90.3	6.3	48.3	38.3	60.0	75.3	4.3	81.7	70.0	85.0	57.8
JT-36	76.7	73.3	63.3	99.0	4.7	48.3	35.0	50.0	61.7	4.3	80.0	70.0	83.3	57.7
TURBO RZ (BURL-TF8)	72.0	76.7	71.7	84.3	5.0	46.7	33.3	48.3	75.0	3.7	81.7	70.0	81.0	57.6
VAN GOGH (LTP-RK2)	73.3	80.0	65.0	95.0	4.3	46.7	26.7	55.0	70.0	4.3	78.3	70.0	80.0	57.6
JT-45	65.0	76.7	71.7	96.3	5.7	48.3	28.3	58.3	72.7	3.7	70.0	73.3	78.3	57.6
SPEEDWAY (STR-8BPD)	72.7	80.0	63.3	94.3	4.7	48.3	28.3	56.7	71.0	4.0	80.0	63.3	81.7	57.6
ESSENTIAL (IS-TF-154)	71.3	83.3	65.0	90.7	3.7	46.7	33.3	55.0	75.0	4.0	75.0	63.3	81.7	57.5
BULLSEYE	77.3	73.3	53.3	96.7	5.3	43.3	35.0	56.7	72.7	4.0	81.7	60.0	85.7	57.3



TABLE 40. (CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/

NAME	AR1	IL1	KS2	KY1	MN1	MS1	NJ1	NJ2	RI1	UT1	VA1	WA3	WI1	MEAN
WOLFPACK II (PST-5WMB)	66.7	78.3	56.7	96.0	4.7	46.7	26.7	50.0	71.0	5.0	73.3	80.0	87.7	57.1
VENTURE (J-140)	73.7	76.7	65.0	93.0	5.0	45.0	31.7	51.7	73.3	3.3	78.3	66.7	78.3	57.1
HONKY TONK (RAD-TF17)	73.0	83.3	56.7	91.3	4.7	45.0	31.7	56.7	73.3	4.3	71.7	66.7	83.3	57.1
MUSTANG 4 (M4)	70.0	83.3	76.7	95.7	4.7	45.0	25.0	50.0	73.3	3.3	83.3	63.3	65.0	56.8
GAZELLE II (PST-5HP)	65.7	83.3	61.7	92.7	4.7	48.3	28.3	51.7	70.3	3.7	76.7	63.3	86.7	56.7
TAHOE II	71.3	80.0	60.0	90.0	3.7	43.3	30.0	50.0	72.3	4.3	73.3	76.7	81.7	56.7
GUARDIAN 41 (STR-8BB5)	75.3	81.7	53.3	96.7	4.3	46.7	28.3	53.3	71.7	4.3	75.0	63.3	82.3	56.6
TITANIUM LS (MVS-BB-1)	70.3	75.0	70.0	91.0	5.0	46.7	33.3	45.0	65.0	4.0	75.0	70.0	84.3	56.5
HEMI	74.0	73.3	63.3	96.7	4.7	46.7	26.7	50.0	73.3	3.3	75.0	66.7	80.0	56.4
SKYLINE	78.0	78.3	56.7	95.7	6.0	45.0	20.0	53.3	75.7	3.3	68.3	73.3	80.0	56.4
MVS-341	65.7	80.0	55.0	94.0	4.3	45.0	31.7	45.0	70.0	4.3	80.0	73.3	84.0	56.3
TRAVERSE SRP (RK-1)	68.3	78.3	60.0	94.3	5.7	45.0	25.0	56.7	70.7	4.7	80.0	66.7	76.7	56.3
UMBRELLA (DP 50-9411)	70.3	73.3	68.3	88.0	4.0	46.7	30.0	55.0	69.3	4.3	76.7	63.3	81.7	56.2
BAR FA 6363	77.3	66.7	58.3	92.7	4.3	48.3	30.0	55.0	75.3	3.7	71.7	66.7	81.0	56.2
AST9003 (AST-1)	72.3	75.0	58.3	86.3	4.7	48.3	21.7	53.3	80.0	4.0	76.7	66.7	81.7	56.1
AST1001 (AST-4)	73.0	63.3	60.0	97.7	4.7	46.7	35.0	51.7	67.3	4.3	76.7	66.7	81.7	56.1
CATALYST (NA-BT-1)	58.0	78.3	70.0	97.0	4.7	48.3	30.0	48.3	68.3	4.0	71.7	63.3	85.0	55.9
JT-33	71.3	73.3	63.3	89.0	4.3	50.0	30.0	51.7	70.0	4.0	80.0	63.3	76.7	55.9
FAT CAT (IS-TF-161)	71.7	76.7	61.7	92.0	4.3	48.3	28.3	55.0	73.3	3.3	75.0	63.3	73.3	55.9
TALLADEGA (RP 3)	75.3	63.3	48.3	92.3	5.0	45.0	30.0	53.3	78.7	4.0	76.7	66.7	86.0	55.7
JAMBOREE (IS-TF-128)	69.3	80.0	56.7	96.3	5.3	48.3	25.0	51.7	66.7	3.7	78.3	66.7	76.0	55.7
PEDIGREE (ATF-1199)	67.3	78.3	55.0	92.0	5.3	46.7	25.0	51.7	75.0	4.3	78.3	63.3	80.0	55.6
TITAN ULTRA (PSG-TTRH)	68.3	68.3	68.3	64.7	4.7	50.0	26.7	48.3	71.7	4.7	83.3	76.7	84.3	55.4
RHAMBLER SRP (RHAMBLER)	66.3	73.3	70.0	85.7	4.7	46.7	28.3	50.0	71.0	4.3	80.0	63.3	75.0	55.3
ROCKET (IS-TF-147)	71.3	73.3	60.0	95.0	6.0	46.7	26.7	46.7	69.0	4.0	78.3	63.3	76.7	55.2
AST9001 (AST-3)	71.7	75.0	58.3	91.3	3.7	46.7	28.3	43.3	79.0	4.0	71.7	70.0	73.3	55.1
NINJA 3 (ATF 1247)	71.3	68.3	58.3	96.7	5.0	46.7	25.0	51.7	76.7	4.0	71.7	60.0	80.0	55.0
AST7003	70.3	71.7	53.3	89.7	4.3	46.7	25.0	53.3	76.7	4.3	73.3	70.0	76.7	55.0
FIRECRACKER LS (MVS-MST)	75.7	68.3	51.7	96.3	4.3	46.7	31.7	48.3	68.3	4.0	80.0	60.0	80.0	55.0
BLADE RUNNER II (PSG-85QR)	71.3	78.3	65.0	78.0	5.7	46.7	25.0	53.3	66.7	3.7	76.7	66.7	76.7	54.9
PATAGONIA (GWTF)	62.3	75.0	60.0	96.3	4.0	46.7	26.7	45.0	70.7	4.7	81.7	63.3	76.0	54.8
TULSA TIME (TULSA III)	70.7	65.0	61.7	93.0	4.3	48.3	21.7	53.3	71.0	4.0	75.0	66.7	76.7	54.7
REUNION (LS-03)	68.0	75.0	48.3	97.7	3.7	48.3	25.0	48.3	70.0	4.0	68.3	66.7	86.7	54.6
SR 8650 (STR-8LMM)	69.3	75.0	61.7	84.7	4.3	50.0	21.7	48.3	70.3	3.7	83.3	63.3	73.3	54.5
TURBO	63.3	63.3	53.3	92.7	5.3	48.3	26.7	53.3	66.7	4.7	83.3	66.7	80.7	54.5
MVS-1107	63.7	71.7	56.7	92.7	5.0	48.3	23.3	50.0	73.3	4.3	78.3	66.7	73.3	54.4
TRIO (IS-TF-152)	68.0	71.7	51.7	91.7	5.3	48.3	28.3	51.7	68.3	3.0	81.7	60.0	76.7	54.3
CANNAVARO (DP 50-9440)	73.0	73.3	65.0	83.3	4.3	48.3	31.7	48.3	73.3	3.7	68.3	53.3	80.0	54.3
AST9002 (AST-2)	68.3	83.3	46.7	93.3	3.7	45.0	30.0	40.0	70.0	4.0	75.0	66.7	80.0	54.3
XTREMEGREEN (BGR-TF2)	68.3	80.0	60.0	91.3	4.0	46.7	16.7	50.0	77.7	3.3	68.3	60.0	79.3	54.3
COL-1	67.3	80.0	43.3	92.0	4.0	45.0	26.7	51.7	70.0	3.7	80.0	60.0	81.0	54.2
COMPETE (LS-06)	58.3	75.0	56.7	94.3	4.3	45.0	26.7	48.3	65.7	4.0	78.3	63.3	84.3	54.2
RNP	74.0	63.3	63.3	90.7	4.3	48.3	26.7	48.3	68.3	4.7	75.0	63.3	73.3	54.1
TERRIER (IS-TF-135)	69.7	70.0	56.7	94.7	5.0	46.7	20.0	48.3	76.7	4.3	80.0	60.0	71.7	54.1

TABLE 40. (CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/

NAME	AR1	IL1	KS2	KY1	MN1	MS1	NJ1	NJ2	RI1	UT1	VA1	WA3	WI1	MEAN
GOLD MEDALLION (KZ-1)	66.7	75.0	58.3	94.7	4.3	46.7	23.3	48.3	71.0	4.0	76.7	56.7	76.7	54.0
BAR FA 6253	61.0	61.7	55.0	92.7	4.3	48.3	26.7	53.3	71.7	3.3	75.0	70.0	76.7	53.8
CEZANNE RZ (LTP-CRL)	65.0	71.7	51.7	97.7	5.0	45.0	21.7	58.3	66.7	4.3	71.7	60.0	79.3	53.7
INTEGRITY (BGR-TF1)	59.0	76.7	61.7	97.3	4.7	46.7	20.0	43.3	63.3	4.0	71.7	66.7	82.7	53.7
AST 7002	70.3	70.0	55.0	91.7	4.3	45.0	18.3	46.7	68.3	4.0	71.7	63.3	88.3	53.6
J-130	71.0	65.0	63.3	90.0	5.0	48.3	16.7	51.7	70.0	3.3	76.7	56.7	78.3	53.5
TANZANIA (IS-TF-159)	67.7	73.3	55.0	95.0	5.0	48.3	23.3	43.3	76.0	4.0	76.7	56.7	71.0	53.5
STETSON II (NA-SS)	74.0	68.3	50.0	96.0	4.3	46.7	23.3	51.7	60.0	4.0	63.3	70.0	82.7	53.4
RAPTOR II (MVS-TF-158)	72.7	75.0	41.7	85.3	5.3	46.7	31.7	48.3	71.7	4.0	76.7	56.7	78.3	53.4
TOCCOA (IS-TF-151)	56.0	76.7	63.3	93.3	4.7	45.0	28.3	46.7	64.3	4.0	71.7	63.3	73.3	53.1
CORONA (COL-M)	74.3	73.3	46.7	95.7	4.0	46.7	21.7	43.3	70.0	3.3	78.3	53.3	77.3	52.9
LS 1010 (ATF 1328)	70.7	70.0	53.3	92.7	5.0	43.3	18.3	48.3	68.3	3.3	71.7	63.3	76.7	52.7
SUNSET GOLD (KZ-2)	72.7	78.3	56.7	86.3	4.0	45.0	26.7	43.3	66.7	3.3	68.3	60.0	73.3	52.7
HUNTER	52.0	71.7	53.3	82.7	4.0	48.3	20.0	50.0	70.0	4.0	83.3	60.0	83.3	52.5
STR-8GRQR	59.7	71.7	53.3	88.0	5.0	46.7	25.0	56.7	68.3	3.3	71.7	53.3	76.7	52.3
O6-WALK	63.0	71.7	55.0	85.0	4.7	43.3	25.0	50.0	66.7	3.3	61.7	66.7	78.3	51.9
DARLINGTON (CS-TF1)	63.0	61.7	65.0	94.3	4.7	46.7	25.0	43.3	63.3	4.7	65.0	70.0	66.7	51.8
CROSSFIRE 3 (COL-J)	71.7	58.3	46.7	84.7	4.3	46.7	28.3	46.7	71.7	3.3	81.7	46.7	81.7	51.7
Q312	64.3	68.3	61.7	89.3	3.7	45.0	16.7	43.3	61.7	3.3	78.3	60.0	73.3	51.5
GARRISON (IS-TF-153)	66.7	65.0	61.7	80.0	5.3	48.3	26.7	45.0	56.0	4.0	70.0	63.3	75.0	51.3
HUDSON (DKS)	54.0	73.3	60.0	81.3	4.3	46.7	25.0	43.3	72.7	3.3	76.7	46.7	79.3	51.3
RENOVATE (LS-11)	72.0	75.0	51.7	63.3	4.7	46.7	21.7	45.0	56.7	3.7	71.7	73.3	76.7	50.9
AST 7001	58.3	58.3	48.3	89.7	4.3	46.7	28.3	46.7	70.0	3.7	66.7	63.3	76.7	50.8
SIDEWINDER (IS-TF-138)	64.0	71.7	50.0	82.7	5.0	40.0	16.7	48.3	69.0	3.3	78.3	60.0	70.0	50.7
RENDITION RX (PSG-RNDR)	70.7	65.0	50.0	81.3	4.7	41.7	15.0	53.3	64.3	4.0	78.3	53.3	73.3	50.4
LSD VALUE	19.7	15.3	20.4	15.4	1.6	5.0	12.9	11.0	15.1	0.9	13.7	15.1	10.6	3.7
C.V. (%)	17.4	12.7	20.2	10.4	20.0	6.6	27.2	13.2	13.0	14.3	11.0	14.1	8.1	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 41. PERCENT SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/ 3/

NAME	GA1	NAME	GA1
INTEGRITY (BGR-TF1)	97.7	COL-1	73.3
JT-45	97.7	ESSENTIAL (IS-TF-154)	73.3
GOLD MEDALLION (KZ-1)	96.0	FAT CAT (IS-TF-161)	73.3
AST 7001	93.0	REBEL IV	73.3
TRAVERSE SRP (RK-1)	93.0	ROCKET (IS-TF-147)	73.3
WOLFPACK II (PST-5WMB)	92.7	GUARDIAN 41 (STR-8BB5)	73.3
JT-36	91.3	TURBO RZ (BURL-TF8)	73.3
AST 7002	90.0	VAN GOGH (LTP-RK2)	73.3
FALCON IV	90.0	VENTURE (J-140)	73.3
JT-42	90.0	COCHISE IV (RKCL)	70.0
TANZANIA (IS-TF-159)	90.0	FAITH (K06-WA)	70.0
AST1001 (AST-4)	89.7	GAZELLE II (PST-5HP)	70.0
AST9002 (AST-2)	89.7	J-130	70.0
AST9003 (AST-1)	86.7	MAGELLAN	70.0
DARLINGTON (CS-TF1)	86.7	MUSTANG 4 (M4)	70.0
FIRENZA	86.7	REUNION (LS-03)	70.0
GARRISON (IS-TF-153)	86.7	SIDEWINDER (IS-TF-138)	70.0
HUDSON (DKS)	86.7	SKYLINE	70.0
TOCCOA (IS-TF-151)	86.7	SPYDER LS (Z-2000)	70.0
COMPETE (LS-06)	83.3	TITAN RX (PSG-TTST)	70.0
ESCALANTE (GO-1BFD)	83.3	TITAN ULTRA (PSG-TTRH)	70.0
JAMBOREE (IS-TF-128)	83.3	TRIO (IS-TF-152)	70.0
LS 1010 (ATF 1328)	83.3	CORONA (COL-M)	66.7
RAPTOR II (MVS-TF-158)	83.3	GE-1	66.7
REMBRANDT	83.3	JUSTICE	66.7
RENOVATE (LS-11)	83.3	LS 1200 (SC-1)	66.7
RHAMBLER SRP (RHAMBLER)	83.3	MONET (LTP-610 CL)	66.7
SUNSET GOLD (KZ-2)	83.3	MVS-341	66.7
TERRIER (IS-TF-135)	83.3	PSG-82BR	66.7
XTREMEGREEN (BGR-TF2)	83.3	RENDITION RX (PSG-RNDR)	66.7
JT-33	83.0	SHENANDOAH III (SH 3)	66.7
0312	80.0	STR-8GRQR	66.7
3RD MILLENNIUM SRP	80.0	BILTMORE	63.3
AST7003	80.0	CATALYST (NA-BT-1)	63.3
AST9001 (AST-3)	80.0	ESCALADE	63.3
HEMI	80.0	FALCON NG (CE 1)	63.3
KY-41 (JT-41)	80.0	FALCON V (ATM)	63.3
PADRE	80.0	FINELAWN XPRESS (RP 2)	63.3
PEDIGREE (ATF-1199)	80.0	FIRECRACKER LS (MVS-MST)	63.3
RNP	80.0	RK 4	63.3
SR 8650 (STR-8LMM)	80.0	SPEEDWAY (STR-8BPDx)	63.3
CEZANNE RZ (LTP-CRL)	76.7	CROSSFIRE 3 (COL-J)	60.0
KY-31	76.7	EINSTEIN	60.0
NINJA 3 (ATF 1247)	76.7	MVS-1107	60.0
PATAGONIA (GWTF)	76.7	RK 5	60.0
SILVERADO	76.7	TALLADEGA (RP 3)	60.0
TULSA TIME (TULSA III)	76.7	06-WALK	56.7
TURBO	76.7	BRAVEHEART (DP 50-9407)	56.7
BULLSEYE	73.3	CANNAVARO (DP 50-9440)	56.7

TABLE 41. PERCENT SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) 2007-11 DATA 2/ 3/

NAME	GA1
PLATO	56.7
SHENANDOAH ELITE (RK 6)	56.7
TAHOE II	56.7
TITANIUM LS (MVS-BB-1)	56.7
UMBRELLA (DP 50-9411)	56.7
06-DUST	53.3
ARISTOTLE	53.3
BAR FA 6253	53.3
BLADE RUNNER II (PSG-85QR)	53.3
GREENBROOKS (TG 50-9460)	53.3
BAR FA 6363	50.0
HONKY TONK (RAD-TF17)	50.0
HUNTER	50.0
LINDBERGH	50.0
STETSON II (NA-SS)	50.0
LSD VALUE	11.9
C.V. (%)	10.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT SPRING GREENUP RATED IN 2008 ONLY.

TABLE 42.

SUMMER STRESS RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

SUMMER STRESS RATINGS 1-9; 1=BROWN, 9=DARK GREEN 2/ 3/

NAME	KY1	NAME	KY1
KY-31	9.0	MVS-341	7.0
FINELAWN XPRESS (RP 2)	8.3	PEDIGREE (ATF-1199)	7.0
BRAVEHEART (DP 50-9407)	8.0	PSG-82BR	7.0
COCHISE IV (RKCL)	8.0	RAPTOR II (MVS-TF-158)	7.0
FALCON V (ATM)	8.0	REBEL IV	7.0
HEMI	8.0	REMBRANDT	7.0
RHAMBLER SRP (RHAMBLER)	8.0	SHENANDOAH ELITE (RK 6)	7.0
RK 4	8.0	SKYLINE	7.0
TRAVERSE SRP (RK-1)	8.0	TAHOE II	7.0
TURBO	8.0	TERRIER (IS-TF-135)	7.0
VAN GOGH (LTP-RK2)	8.0	TITAN RX (PSG-TTST)	7.0
CATALYST (NA-BT-1)	7.7	TITANIUM LS (MVS-BB-1)	7.0
GE-1	7.7	TULSA TIME (TULSA III)	7.0
LINDBERGH	7.7	06-DUST	6.7
LS 1200 (SC-1)	7.7	ARISTOTLE	6.7
MVS-1107	7.7	BILTMORE	6.7
RK 5	7.7	BLADE RUNNER II (PSG-85QR)	6.7
SPEEDWAY (STR-8BPD)	7.7	CANNAVARO (DP 50-9440)	6.7
SPYDER LS (Z-2000)	7.7	EINSTEIN	6.7
VENTURE (J-140)	7.7	ESCALANTE (GO-1BFD)	6.7
BULLSEYE	7.3	FALCON NG (CE 1)	6.7
ESSENTIAL (IS-TF-154)	7.3	HUDSON (DKS)	6.7
FALCON IV	7.3	JT-42	6.7
FIRECRACKER LS (MVS-MST)	7.3	MONET (LTP-610 CL)	6.7
FIRENZA	7.3	SIDEWINDER (IS-TF-138)	6.7
GARRISON (IS-TF-153)	7.3	SR 8650 (STR-8LMM)	6.7
GAZELLE II (PST-5HP)	7.3	GUARDIAN 41 (STR-8BB5)	6.7
HONKY TONK (RAD-TF17)	7.3	SUNSET GOLD (KZ-2)	6.7
JAMBOREE (IS-TF-128)	7.3	TOCCOA (IS-TF-151)	6.7
MUSTANG 4 (M4)	7.3	3RD MILLENNIUM SRP	6.3
NINJA 3 (ATF 1247)	7.3	AST 7002	6.3
ROCKET (IS-TF-147)	7.3	CORONA (COL-M)	6.3
STR-8GRQR	7.3	DARLINGTON (CS-TF1)	6.3
TALLADEGA (RP 3)	7.3	FAT CAT (IS-TF-161)	6.3
TRIO (IS-TF-152)	7.3	GREENBROOKS (TG 50-9460)	6.3
WOLFPACK II (PST-5WMB)	7.3	HUNTER	6.3
BAR FA 6253	7.0	INTEGRITY (BGR-TF1)	6.3
BAR FA 6363	7.0	PADRE	6.3
CEZANNE RZ (LTP-CRL)	7.0	PATAGONIA (GWTF)	6.3
ESCALADE	7.0	PLATO	6.3
FAITH (K06-WA)	7.0	RENOVATE (LS-11)	6.3
GOLD MEDALLION (KZ-1)	7.0	RNP	6.3
JUSTICE	7.0	SHENANDOAH III (SH 3)	6.3
KY-41 (JT-41)	7.0	SILVERADO	6.3
LS 1010 (ATF 1328)	7.0	TANZANIA (IS-TF-159)	6.3
MAGELLAN	7.0	TITAN ULTRA (PSG-TTRH)	6.3
		TURBO RZ (BURL-TF8)	6.3

TABLE 42. SUMMER STRESS RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

SUMMER STRESS RATINGS 1-9; 1=BROWN, 9=DARK GREEN 2/ 3/

NAME	KY1
UMBRELLA (DP 50-9411)	6.3
XTREMEGREEN (BGR-TF2)	6.3
0312	6.0
06-WALK	6.0
COMPETE (LS-06)	6.0
J-130	6.0
JT-36	6.0
REUNION (LS-03)	6.0
STETSON II (NA-SS)	6.0
AST 7001	5.7
AST1001 (AST-4)	5.7
CROSSFIRE 3 (COL-J)	5.7
JT-45	5.7
RENDITION RX (PSG-RNDR)	5.7
AST9001 (AST-3)	5.3
AST9002 (AST-2)	5.3
COL-1	5.3
JT-33	5.3
AST7003	5.0
AST9003 (AST-1)	4.7
LSD VALUE	1.1
C.V. (%)	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.
- 3/ SUMMER STRESS RATED IN 2010 ONLY.

TABLE 43. PERCENT FULLNESS OF TURF CANOPY RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/ 3/

NAME	NJ1	NAME	NJ1
WOLFPACK II (PST-5WMB)	83.9	REBEL IV	72.8
CATALYST (NA-BT-1)	83.8	TANZANIA (IS-TF-159)	72.8
BULLSEYE	82.7	SPYDER LS (Z-2000)	72.8
RK 5	82.2	TURBO RZ (BURL-TF8)	72.8
COCHISE IV (RKCL)	81.6	JUSTICE	72.2
FIRECRACKER LS (MVS-MST)	81.6	MVS-1107	72.2
FALCON NG (CE 1)	81.1	JAMBOREE (IS-TF-128)	71.7
TURBO	81.1	PADRE	71.7
MUSTANG 4 (M4)	80.6	RAPTOR II (MVS-TF-158)	71.7
SR 8650 (STR-8LMM)	80.6	06-WALK	71.1
GREENBROOKS (TG 50-9460)	80.0	J-130	71.1
FALCON V (ATM)	79.8	KY-41 (JT-41)	71.1
ESSENTIAL (IS-TF-154)	78.9	REUNION (LS-03)	71.1
SHENANDOAH III (SH 3)	78.8	SILVERADO	71.1
FINELAWN XPRESS (RP 2)	78.8	JT-42	71.1
3RD MILLENNIUM SRP	78.3	PEDIGREE (ATF-1199)	71.1
FIRENZA	78.3	AST 7002	70.6
REMBRANDT	78.3	CROSSFIRE 3 (COL-J)	70.6
SPEEDWAY (STR-8BPDX)	78.3	NINJA 3 (ATF 1247)	70.6
CANNAVARO (DP 50-9440)	78.2	TITAN ULTRA (PSG-TTRH)	70.6
MONET (LTP-610 CL)	77.8	BAR FA 6363	70.0
BRAVEHEART (DP 50-9407)	77.8	BLADE RUNNER II (PSG-85QR)	70.0
ROCKET (IS-TF-147)	77.8	FALCON IV	70.0
GUARDIAN 41 (STR-8BB5)	77.8	LINDBERGH	70.0
TITANIUM LS (MVS-BB-1)	77.8	JT-33	69.4
BAR FA 6253	77.2	RENOVATE (LS-11)	69.4
RK 4	77.2	RNP	69.4
FAITH (K06-WA)	77.1	TERRIER (IS-TF-135)	69.4
RHAMBLER SRP (RHAMBLER)	77.1	TULSA TIME (TULSA III)	69.4
VAN GOGH (LTP-RK2)	77.1	EINSTEIN	68.9
LS 1200 (SC-1)	77.1	SKYLINE	68.9
HEMI	76.7	TOCCOA (IS-TF-151)	68.9
TALLADEGA (RP 3)	76.7	BILTMORE	68.9
TRAVERSE SRP (RK-1)	76.7	DARLINGTON (CS-TF1)	68.9
INTEGRITY (BGR-TF1)	76.1	STR-8GRQR	68.3
PSG-82BR	76.1	ARISTOTLE	68.3
CEZANNE RZ (LTP-CRL)	75.6	AST9001 (AST-3)	68.3
GARRISON (IS-TF-153)	75.6	AST9002 (AST-2)	68.3
GAZELLE II (PST-5HP)	75.6	GOLD MEDALLION (KZ-1)	68.3
JT-45	75.6	JT-36	68.3
06-DUST	74.4	FAT CAT (IS-TF-161)	67.8
ESCALANTE (GO-1BFD)	74.4	SUNSET GOLD (KZ-2)	67.8
GE-1	74.4	MAGELLAN	67.2
SHENANDOAH ELITE (RK 6)	74.4	CORONA (COL-M)	66.7
TAHOE II	74.4	HONKY TONK (RAD-TF17)	66.7
ESCALADE	73.9	HUDSON (DKS)	66.7
VENTURE (J-140)	73.9	PATAGONIA (GWTF)	66.1
COMPETE (LS-06)	73.3	SIDEWINDER (IS-TF-138)	66.1
TITAN RX (PSG-TTST)	73.3	TRIO (IS-TF-152)	66.1

TABLE 43. PERCENT FULLNESS OF TURF CANOPY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA 2/ 3/

NAME	NJ1
AST 7001	66.1
PLATO	66.1
AST9003 (AST-1)	65.6
MVS-341	65.6
STETSON II (NA-SS)	65.6
UMBRELLA (DP 50-9411)	65.6
AST1001 (AST-4)	65.0
AST7003	63.9
COL-1	63.9
HUNTER	63.9
LS 1010 (ATF 1328)	62.8
RENDITION RX (PSG-RNDR)	62.2
0312	61.7
XTREMEGREEN (BGR-TF2)	60.6
KY-31	55.0
LSD VALUE	13.6
C.V. (%)	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.

3/ PERCENT FULLNESS OF TURF CANOPY RATRD IN 2007-08.



TABLE 44.

GROWTH RATE MEASUREMENTS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

MEASURED AS HEIGHT IN INCHES AFTER SEVERAL WEEKS WITHOUT MOWING 2/ 3/

NAME	RI1	NAME	RI1
KY-31	22.0	VENTURE (J-140)	14.7
O312	18.7	AST 7002	14.3
COL-1	18.0	FIRECRACKER LS (MVS-MST)	14.3
O6-WALK	17.3	GE-1	14.3
NINJA 3 (ATF 1247)	17.3	SPEEDWAY (STR-8BPD)	14.3
PLATO	17.3	TITAN ULTRA (PSG-TTRH)	14.3
STR-8GRQR	17.3	TULSA TIME (TULSA III)	14.3
ARISTOTLE	17.0	3RD MILLENNIUM SRP	14.0
BILTMORE	17.0	CORONA (COL-M)	14.0
TITAN RX (PSG-TTST)	17.0	J-130	14.0
EINSTEIN	16.7	LS 1010 (ATF 1328)	14.0
JT-45	16.7	TURBO	14.0
CROSSFIRE 3 (COL-J)	16.3	AST9001 (AST-3)	13.7
LINDBERGH	16.3	AST9002 (AST-2)	13.7
AST1001 (AST-4)	16.0	CANNAVARO (DP 50-9440)	13.7
FAT CAT (IS-TF-161)	16.0	CATALYST (NA-BT-1)	13.7
REMBRANDT	16.0	FIRENZA	13.7
RENOVATE (LS-11)	16.0	HUDSON (DKS)	13.7
AST7003	15.7	HUNTER	13.7
JT-33	15.7	KY-41 (JT-41)	13.7
MVS-341	15.7	PATAGONIA (GWTF)	13.7
SILVERADO	15.7	PSG-82BR	13.7
DARLINGTON (CS-TF1)	15.3	RNP	13.7
ESCALADE	15.3	TOCCOA (IS-TF-151)	13.7
PADRE	15.3	AST9003 (AST-1)	13.3
SUNSET GOLD (KZ-2)	15.3	BULLSEYE	13.3
TALLADEGA (RP 3)	15.3	ESCALANTE (GO-1BFD)	13.3
TURBO RZ (BURL-TF8)	15.3	INTEGRITY (BGR-TF1)	13.3
BLADE RUNNER II (PSG-85QR)	15.0	JT-36	13.3
FAITH (K06-WA)	15.0	MAGELLAN	13.3
HONKY TONK (RAD-TF17)	15.0	RHAMBLER SRP (RHAMBLER)	13.3
PEDIGREE (ATF-1199)	15.0	RK 5	13.3
SKYLINE	15.0	VAN GOGH (LTP-RK2)	13.3
O6-DUST	14.7	BAR FA 6253	13.0
CEZANNE RZ (LTP-CRL)	14.7	FALCON IV	13.0
COMPETE (LS-06)	14.7	FALCON NG (CE 1)	13.0
GREENBROOKS (TG 50-9460)	14.7	GOLD MEDALLION (KZ-1)	13.0
HEMI	14.7	RAPTOR II (MVS-TF-158)	13.0
JT-42	14.7	RK 4	13.0
LS 1200 (SC-1)	14.7	GUARDIAN 41 (STR-8BB5)	13.0
MVS-1107	14.7	TAHOE II	13.0
REBEL IV	14.7	TRAVERSE SRP (RK-1)	13.0
ROCKET (IS-TF-147)	14.7	WOLFPACK II (PST-5WMB)	13.0
SIDEWINDER (IS-TF-138)	14.7	BAR FA 6363	12.7
SR 8650 (STR-8LMM)	14.7	FINELAWN XPRESS (RP 2)	12.7
TERRIER (IS-TF-135)	14.7	GARRISON (IS-TF-153)	12.7
		JUSTICE	12.7

TABLE 44. GROWTH RATE MEASUREMENTS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

MEASURED AS HEIGHT IN INCHES AFTER SEVERAL WEEKS WITHOUT MOWING 2/ 3/

NAME	RI1
STETSON II (NA-SS)	12.7
TITANIUM LS (MVS-BB-1)	12.7
BRAVEHEART (DP 50-9407)	12.3
FALCON V (ATM)	12.3
MONET (LTP-610 CL)	12.3
RENDITION RX (PSG-RNDR)	12.3
SHENANDOAH III (SH 3)	12.3
TRIO (IS-TF-152)	12.3
UMBRELLA (DP 50-9411)	12.3
XTREMEGREEN (BGR-TF2)	12.3
GAZELLE II (PST-5HP)	12.0
SPYDER LS (Z-2000)	12.0
AST 7001	11.7
ESSENTIAL (IS-TF-154)	11.7
SHENANDOAH ELITE (RK 6)	11.7
COCHISE IV (RKCL)	11.3
REUNION (LS-03)	11.3
TANZANIA (IS-TF-159)	11.3
JAMBOREE (IS-TF-128)	11.0
MUSTANG 4 (M4)	11.0
LSD VALUE	5.5
C.V. (%)	24.3

- 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.
- 3/ GROWTH RATE MEASURED IN 2010 ONLY.

TABLE 45.

GRAY SNOW MOLD RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

GRAY SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	UT1	NAME	UT1
VENTURE (J-140)	5.7	AST1001 (AST-4)	3.3
0312	5.3	AST9002 (AST-2)	3.3
AST 7001	5.3	AST9003 (AST-1)	3.3
HEMI	5.3	BAR FA 6363	3.3
FALCON IV	5.0	BULLSEYE	3.3
LS 1200 (SC-1)	5.0	CANNAVARO (DP 50-9440)	3.3
SUNSET GOLD (KZ-2)	5.0	COL-1	3.3
GARRISON (IS-TF-153)	4.7	ESCALADE	3.3
HONKY TONK (RAD-TF17)	4.7	FIRENZA	3.3
TERRIER (IS-TF-135)	4.7	JT-33	3.3
06-DUST	4.3	JT-42	3.3
CATALYST (NA-BT-1)	4.3	NINJA 3 (ATF 1247)	3.3
CROSSFIRE 3 (COL-J)	4.3	PADRE	3.3
FIRECRACKER LS (MVS-MST)	4.3	PSG-82BR	3.3
GAZELLE II (PST-5HP)	4.3	REBEL IV	3.3
SIDEWINDER (IS-TF-138)	4.3	RENDITION RX (PSG-RNDR)	3.3
SR 8650 (STR-8LMM)	4.3	RK 5	3.3
STR-8GRQR	4.3	ROCKET (IS-TF-147)	3.3
AST9001 (AST-3)	4.0	SHENANDOAH ELITE (RK 6)	3.3
BAR FA 6253	4.0	SKYLINE	3.3
CORONA (COL-M)	4.0	SPEEDWAY (STR-8BPDx)	3.3
FAT CAT (IS-TF-161)	4.0	TANZANIA (IS-TF-159)	3.3
FINELAWN XPRESS (RP 2)	4.0	TITANIUM LS (MVS-BB-1)	3.3
KY-31	4.0	TRAVERSE SRP (RK-1)	3.3
MAGELLAN	4.0	TURBO	3.3
MVS-1107	4.0	UMBRELLA (DP 50-9411)	3.3
RAPTOR II (MVS-TF-158)	4.0	VAN GOGH (LTP-RK2)	3.3
TOCCOA (IS-TF-151)	4.0	AST7003	3.0
TURBO RZ (BURL-TF8)	4.0	BILTMORE	3.0
AST 7002	3.7	ESCALANTE (GO-1BFD)	3.0
BLADE RUNNER II (PSG-85QR)	3.7	ESSENTIAL (IS-TF-154)	3.0
BRAVEHEART (DP 50-9407)	3.7	FALCON V (ATM)	3.0
GE-1	3.7	INTEGRITY (BGR-TF1)	3.0
J-130	3.7	JUSTICE	3.0
JAMBOREE (IS-TF-128)	3.7	SILVERADO	3.0
LS 1010 (ATF 1328)	3.7	GUARDIAN 41 (STR-8BB5)	3.0
MONET (LTP-610 CL)	3.7	TALLADEGA (RP 3)	3.0
MVS-341	3.7	3RD MILLENNIUM SRP	2.7
PATAGONIA (GWTF)	3.7	ARISTOTLE	2.7
PLATO	3.7	COCHISE IV (RKCL)	2.7
RK 4	3.7	DARLINGTON (CS-TF1)	2.7
TAHOE II	3.7	EINSTEIN	2.7
TRIO (IS-TF-152)	3.7	GOLD MEDALLION (KZ-1)	2.7
TULSA TIME (TULSA III)	3.7	GREENBROOKS (TG 50-9460)	2.7
WOLFPACK II (PST-5WMB)	3.7	JT-36	2.7
06-WALK	3.3	JT-45	2.7
		KY-41 (JT-41)	2.7

TABLE 45. GRAY SNOW MOLD RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

GRAY SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	UT1
LINDBERGH	2.7
MUSTANG 4 (M4)	2.7
PEDIGREE (ATF-1199)	2.7
RENOVATE (LS-11)	2.7
REUNION (LS-03)	2.7
SHENANDOAH III (SH 3)	2.7
STETSON II (NA-SS)	2.7
XTREMEGREEN (BGR-TF2)	2.7
CEZANNE RZ (LTP-CRL)	2.3
FALCON NG (CE 1)	2.3
HUDSON (DKS)	2.3
HUNTER	2.3
RNP	2.3
TITAN RX (PSG-TTST)	2.3
TITAN ULTRA (PSG-TTRH)	2.3
COMPETE (LS-06)	2.0
FAITH (K06-WA)	2.0
REMBRANDT	2.0
RHAMBLER SRP (RHAMBLER)	2.0
SPYDER LS (Z-2000)	2.0
LSD VALUE	2.1
C.V. (%)	38.8

- 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.
- 3/ GRAY SNOW MOLD RATED IN 2008 ONLY.

TABLE 46.

WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ 3/

NAME	WA3	NAME	WA3
CATALYST (NA-BT-1)	7.8	VENTURE (J-140)	6.7
SHENANDOAH III (SH 3)	7.7	ESCALANTE (GO-1BFD)	6.7
FAITH (K06-WA)	7.7	LS 1010 (ATF 1328)	6.7
FALCON V (ATM)	7.5	MVS-341	6.7
FINELAWN XPRESS (RP 2)	7.5	SPEEDWAY (STR-8BPDx)	6.6
WOLFPACK II (PST-5WMB)	7.5	06-WALK	6.5
ESSENTIAL (IS-TF-154)	7.2	ARISTOTLE	6.5
GARRISON (IS-TF-153)	7.2	BULLSEYE	6.5
MVS-1107	7.2	CROSSFIRE 3 (COL-J)	6.5
CEZANNE RZ (LTP-CRL)	7.2	FALCON NG (CE 1)	6.5
HEMI	7.2	GOLD MEDALLION (KZ-1)	6.5
LS 1200 (SC-1)	7.2	KY-41 (JT-41)	6.5
SHENANDOAH ELITE (RK 6)	7.2	REBEL IV	6.5
SR 8650 (STR-8LMM)	7.2	SPYDER LS (Z-2000)	6.5
TITANIUM LS (MVS-BB-1)	7.2	STETSON II (NA-SS)	6.5
AST9001 (AST-3)	7.0	GUARDIAN 41 (STR-8BB5)	6.5
CORONA (COL-M)	7.0	SUNSET GOLD (KZ-2)	6.5
ESCALADE	7.0	BRAVEHEART (DP 50-9407)	6.3
RHAMBLER SRP (RHAMBLER)	7.0	MONET (LTP-610 CL)	6.3
RK 4	7.0	PADRE	6.3
ROCKET (IS-TF-147)	7.0	PLATO	6.3
SIDEWINDER (IS-TF-138)	7.0	REUNION (LS-03)	6.3
SKYLINE	7.0	TALLADEGA (RP 3)	6.3
TRAVERSE SRP (RK-1)	7.0	TOCCOA (IS-TF-151)	6.3
TURBO RZ (BURL-TF8)	7.0	0312	6.3
06-DUST	6.8	AST9002 (AST-2)	6.3
AST7003	6.8	TAHOE II	6.3
COCHISE IV (RKCL)	6.8	TITAN RX (PSG-TTST)	6.3
EINSTEIN	6.8	INTEGRITY (BGR-TF1)	6.3
FIRECRACKER LS (MVS-MST)	6.8	COL-1	6.2
FIRENZA	6.8	TANZANIA (IS-TF-159)	6.2
MUSTANG 4 (M4)	6.8	TERRIER (IS-TF-135)	6.2
NINJA 3 (ATF 1247)	6.8	CANNAVARO (DP 50-9440)	6.2
REMBRANDT	6.8	JAMBOREE (IS-TF-128)	6.2
TURBO	6.8	JT-45	6.2
3RD MILLENNIUM SRP	6.8	LINDBERGH	6.2
BAR FA 6253	6.8	RAPTOR II (MVS-TF-158)	6.2
FAT CAT (IS-TF-161)	6.8	RENOVATE (LS-11)	6.2
J-130	6.8	TITAN ULTRA (PSG-TTRH)	6.2
BILTMORE	6.7	TULSA TIME (TULSA III)	6.2
BLADE RUNNER II (PSG-85QR)	6.7	AST 7001	6.0
GAZELLE II (PST-5HP)	6.7	AST 7002	6.0
JT-36	6.7	AST1001 (AST-4)	6.0
PEDIGREE (ATF-1199)	6.7	COMPETE (LS-06)	6.0
PSG-82BR	6.7	DARLINGTON (CS-TF1)	6.0
VAN GOGH (LTP-RK2)	6.7	GE-1	6.0
		HUDSON (DKS)	6.0

TABLE 46. WINTER DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2007-11 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ 3/

NAME	WA3
JT-33	6.0
JT-42	6.0
JUSTICE	6.0
MAGELLAN	6.0
PATAGONIA (GWTF)	6.0
RK 5	6.0
STR-8GRQR	6.0
TRIO (IS-TF-152)	6.0
UMBRELLA (DP 50-9411)	6.0
HONKY TONK (RAD-TF17)	5.8
HUNTER	5.8
GREENBROOKS (TG 50-9460)	5.8
RENDITION RX (PSG-RNDR)	5.8
FALCON IV	5.7
BAR FA 6363	5.7
XTREMEGREEN (BGR-TF2)	5.7
KY-31	5.5
SILVERADO	5.5
AST9003 (AST-1)	5.3
RNP	5.3
LSD VALUE	1.5
C.V. (%)	15.3

- 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.
- 3/ WINTER DENSITY RATED IN 2007 & 2009.

TABLE 47. PERCENT INSECT DAMAGE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/ 3/

NAME	TN1	NAME	TN1
PATAGONIA (GWTF)	45.0	FAT CAT (IS-TF-161)	26.7
3RD MILLENNIUM SRP	43.3	KY-41 (JT-41)	26.7
J-130	43.3	RHAMBLER SRP (RHAMBLER)	26.7
06-WALK	41.7	TAHOE II	26.7
JT-45	40.0	VENTURE (J-140)	26.7
JUSTICE	38.3	ESSENTIAL (IS-TF-154)	25.7
RENOVATE (LS-11)	38.3	SR 8650 (STR-8LMM)	25.7
RK 4	37.3	STETSON II (NA-SS)	25.7
BILTMORE	36.7	FIRECRACKER LS (MVS-MST)	25.0
CORONA (COL-M)	36.7	LS 1200 (SC-1)	25.0
DARLINGTON (CS-TF1)	36.7	MONET (LTP-610 CL)	25.0
JT-33	36.7	REMBRANDT	25.0
XTREMEGREEN (BGR-TF2)	36.7	TALLADEGA (RP 3)	25.0
HUDSON (DKS)	35.7	GARRISON (IS-TF-153)	24.7
REBEL IV	35.0	AST 7002	24.0
RENDITION RX (PSG-RNDR)	35.0	AST9002 (AST-2)	24.0
INTEGRITY (BGR-TF1)	34.0	06-DUST	23.3
TITAN ULTRA (PSG-TTRH)	33.3	AST1001 (AST-4)	23.3
WOLFPACK II (PST-5WMB)	33.3	COCHISE IV (RKCL)	23.3
0312	31.7	FALCON V (ATM)	23.3
BAR FA 6253	31.7	FINELAWN XPRESS (RP 2)	23.3
GOLD MEDALLION (KZ-1)	31.7	STR-8GRQR	23.3
HUNTER	31.7	TANZANIA (IS-TF-159)	23.3
PADRE	31.7	TRIO (IS-TF-152)	23.3
PLATO	31.0	AST7003	22.3
CROSSFIRE 3 (COL-J)	30.7	GE-1	22.3
REUNION (LS-03)	30.7	AST9001 (AST-3)	21.7
ARISTOTLE	30.0	FALCON IV	21.7
AST 7001	30.0	LINDBERGH	21.7
BLADE RUNNER II (PSG-85QR)	30.0	LS 1010 (ATF 1328)	21.7
CANNAVARO (DP 50-9440)	30.0	SKYLINE	21.7
COMPETE (LS-06)	30.0	SPYDER LS (Z-2000)	21.7
ESCALADE	30.0	TITANIUM LS (MVS-BB-1)	21.7
GREENBROOKS (TG 50-9460)	30.0	TRAVERSE SRP (RK-1)	21.7
PEDIGREE (ATF-1199)	30.0	PSG-82BR	21.0
SUNSET GOLD (KZ-2)	30.0	TURBO	21.0
TOCCOA (IS-TF-151)	30.0	GAZELLE II (PST-5HP)	20.7
EINSTEIN	29.3	SPEEDWAY (STR-8BPDx)	20.7
MVS-1107	29.0	SIDEWINDER (IS-TF-138)	20.3
NINJA 3 (ATF 1247)	29.0	JT-42	20.0
AST9003 (AST-1)	28.3	RK 5	20.0
COL-1	28.3	GUARDIAN 41 (STR-8BB5)	20.0
FIRENZA	28.3	TITAN RX (PSG-TTST)	20.0
MUSTANG 4 (M4)	28.3	FAITH (K06-WA)	19.0
RAPTOR II (MVS-TF-158)	28.3	JAMBOREE (IS-TF-128)	19.0
SILVERADO	28.3	CEZANNE RZ (LTP-CRL)	18.3
ROCKET (IS-TF-147)	27.3	HEMI	18.3
TERRIER (IS-TF-135)	27.3	MVS-341	18.3
		VAN GOGH (LTP-RK2)	18.3

TABLE 47. PERCENT INSECT DAMAGE RATINGS OF TALL FESCUE CULTIVARS 1/  
2007-11 DATA 2/ 3/

NAME	TN1
SHENANDOAH ELITE (RK 6)	18.0
UMBRELLA (DP 50-9411)	17.7
KY-31	17.3
BULLSEYE	16.7
FALCON NG (CE 1)	16.7
RNP	16.7
BRAVEHEART (DP 50-9407)	16.3
CATALYST (NA-BT-1)	15.7
HONKY TONK (RAD-TF17)	15.7
BAR FA 6363	15.0
JT-36	15.0
MAGELLAN	15.0
SHENANDOAH III (SH 3)	15.0
TULSA TIME (TULSA III)	14.0
TURBO RZ (BURL-TF8)	14.0
ESCALANTE (GO-1BFD)	12.3
LSD VALUE	17.2
C.V. (%)	41.1

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.

3/ PERCENT INSECT DAMAGE RATED IN 2010 ONLY.



TABLE 48.

 PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 2007-11 DATA 3/

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
BLADE RUNNER II (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
GUARDIAN 41 (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 48. (CONT'D)

 PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 2007-11 DATA 3/

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
O312	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 48. (CONT'D)

PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 AT LOGAN, UT 2/  
 2007-11 DATA 3/

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.

3/ PERCENT RECOVERY RATED IN 2011 ONLY.

TABLE 49. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/  
 AT GRIFFIN, GA 2/ 3/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
SKYLINE	90.0	93.0	90.0	91.0
BRAVEHEART (DP 50-9407)	80.0	89.7	92.7	87.4
SIDEWINDER (IS-TF-138)	76.7	89.7	93.0	86.4
JT-42	76.7	86.3	92.7	85.2
GE-1	73.3	89.7	89.7	84.2
CORONA (COL-M)	70.0	88.3	90.0	82.8
AST1001 (AST-4)	70.0	86.7	90.0	82.2
MVS-1107	73.3	83.3	90.0	82.2
TANZANIA (IS-TF-159)	76.7	83.3	86.7	82.2
STETSON II (NA-SS)	76.7	76.7	89.7	81.0
INTEGRITY (BGR-TF1)	70.0	83.3	86.3	79.9
GAZELLE II (PST-5HP)	76.7	76.7	83.3	78.9
AST 7002	70.0	80.0	83.3	77.8
FIRENZA	70.0	76.7	86.7	77.8
LS 1010 (ATF 1328)	70.0	80.0	83.3	77.8
TULSA TIME (TULSA III)	73.3	76.7	83.3	77.8
XTREMEGREEN (BGR-TF2)	70.0	80.0	83.3	77.8
FALCON IV	66.7	76.7	89.7	77.7
FALCON NG (CE 1)	63.3	80.0	86.7	76.7
RENOVATE (LS-11)	63.3	80.0	83.3	75.6
06-WALK	70.0	73.3	80.0	74.4
AST7003	66.7	73.3	83.3	74.4
AST 7001	66.7	76.7	79.7	74.3
ROCKET (IS-TF-147)	60.0	80.0	80.0	73.3
TITAN RX (PSG-TTST)	66.7	70.0	83.3	73.3
PATAGONIA (GWTF)	66.7	66.7	83.3	72.2
RAPTOR II (MVS-TF-158)	66.7	66.7	83.3	72.2
TERRIER (IS-TF-135)	66.7	73.3	76.7	72.2
SUNSET GOLD (KZ-2)	63.3	70.0	80.0	71.1
CEZANNE RZ (LTP-CRL)	56.7	76.3	79.7	70.9
FAT CAT (IS-TF-161)	70.0	60.0	83.3	70.0
GOLD MEDALLION (KZ-1)	56.7	73.3	80.0	70.0
KY-41 (JT-41)	56.7	70.0	83.3	70.0
NINJA 3 (ATF 1247)	73.3	60.0	76.7	70.0
J-130	63.3	70.0	73.3	68.9
REUNION (LS-03)	60.0	66.7	80.0	68.9
SPYDER LS (Z-2000)	63.3	73.3	70.0	68.9
TAHOE II	63.3	66.7	76.7	68.9
ARISTOTLE	50.0	70.0	83.3	67.8
HUNTER	56.7	70.0	76.7	67.8
RHAMBLER SRP (RHAMBLER)	46.7	73.3	83.3	67.8
SPEEDWAY (STR-8BPDx)	53.3	70.0	80.0	67.8

TABLE 49. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT GRIFFIN, GA 2/ 3/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
BAR FA 6363	65.0	63.3	80.0	67.2
BLADE RUNNER II (PSG-85QR)	56.7	66.7	76.7	66.7
REBEL IV	46.7	70.0	83.3	66.7
RENDITION RX (PSG-RNDR)	60.0	63.3	76.3	66.6
CROSSFIRE 3 (COL-J)	53.3	66.7	76.7	65.6
PEDIGREE (ATF-1199)	43.3	73.3	80.0	65.6
REMBRANDT	53.3	66.7	76.7	65.6
WOLFPACK II (PST-5WMB)	65.0	63.3	76.7	65.6
CATALYST (NA-BT-1)	50.0	63.3	80.0	64.4
EINSTEIN	50.0	70.0	73.3	64.4
GARRISON (IS-TF-153)	56.7	66.7	70.0	64.4
JT-36	56.7	66.7	70.0	64.4
MAGELLAN	56.7	66.7	70.0	64.4
STR-8GRQR	53.3	66.7	73.3	64.4
AST9002 (AST-2)	43.3	66.7	80.0	63.3
JT-33	53.3	63.3	73.3	63.3
MONET (LTP-610 CL)	50.0	66.7	73.3	63.3
PADRE	46.7	66.7	76.7	63.3
SR 8650 (STR-8LMM)	46.7	66.7	76.7	63.3
TITANIUM LS (MVS-BB-1)	53.3	60.0	76.7	63.3
06-DUST	46.7	66.7	73.3	62.2
BULLSEYE	46.7	66.7	73.3	62.2
DARLINGTON (CS-TF1)	46.7	60.0	76.7	61.1
HEMI	50.0	60.0	73.3	61.1
PSG-82BR	50.0	63.3	70.0	61.1
TALLADEGA (RP 3)	53.3	60.0	70.0	61.1
TRIO (IS-TF-152)	70.0	61.7	66.7	60.3
COL-1	50.0	63.3	66.7	60.0
FINELAWN XPRESS (RP 2)	50.0	60.0	70.0	60.0
RK 4	43.3	60.0	76.7	60.0
MVS-341	46.7	60.0	70.0	58.9
TITAN ULTRA (PSG-TTRH)	46.7	60.0	70.0	58.9
FALCON V (ATM)	46.7	60.0	66.7	57.8
KY-31	63.3	50.0	60.0	57.8
RK 5	40.0	63.3	70.0	57.8
HUDSON (DKS)	65.0	56.7	63.3	57.2
COMPETE (LS-06)	60.0	50.0	60.0	56.7
PLATO	53.3	53.3	60.0	55.6
TURBO	46.7	56.7	63.3	55.6
3RD MILLENNIUM SRP	40.0	56.7	69.7	55.4
AST9003 (AST-1)	40.0	56.7	66.7	54.4
RNP	45.0	53.3	63.3	53.9

TABLE 49. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT GRIFFIN, GA 2/ 3/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
CANNAVARO (DP 50-9440)	46.7	53.3	56.7	52.2
ESCALADE	43.3	53.3	60.0	52.2
JT-45	35.0	53.3	63.3	50.0
TRAVERSE SRP (RK-1)	33.3	50.0	66.7	50.0
VENTURE (J-140)	36.7	50.0	63.3	50.0
ESSENTIAL (IS-TF-154)	30.0	43.3	73.3	48.9
HONKY TONK (RAD-TF17)	33.3	46.7	66.7	48.9
JUSTICE	30.0	50.0	66.7	48.9
TOCCOA (IS-TF-151)	60.0	43.3	50.0	48.9
TURBO RZ (BURL-TF8)	36.7	53.3	56.7	48.9
UMBRELLA (DP 50-9411)	46.7	50.0	50.0	48.9
ESCALANTE (GO-1BFD)	45.0	46.7	60.0	48.3
GUARDIAN 41 (STR-8BB5)	40.0	43.3	60.0	48.3
BILTMORE	70.0	43.3	80.0	47.8
MUSTANG 4 (M4)	36.7	43.3	60.0	46.7
VAN GOGH (LTP-RK2)	36.7	46.7	56.7	46.7
JAMBOREE (IS-TF-128)	40.0	43.3	53.3	43.9
FAITH (K06-WA)	26.7	46.7	53.3	42.2
LS 1200 (SC-1)	25.0	40.0	56.7	42.2
GREENBROOKS (TG 50-9460)	30.0	48.3	70.0	41.9
LINDBERGH	55.0	37.3	46.7	40.9
SHENANDOAH ELITE (RK 6)	40.0	38.3	53.3	40.8
BAR FA 6253	45.0	35.0	46.7	38.1
FIRECRACKER LS (MVS-MST)	26.7	36.7	46.7	36.7
SILVERADO	20.0	33.3	53.3	35.6
0312	30.0	26.7	65.0	34.4
SHENANDOAH III (SH 3)	25.0	35.0	46.7	33.6
AST9001 (AST-3)	50.0	25.3	33.3	26.6
COCHISE IV (RKCL)	17.5	21.7	40.0	23.3
LSD VALUE	23.1	32.4	36.4	27.7
C.V. (%)	24.3	27.3	22.4	24.2

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.

3/ PERCENT LIVING GROUND COVER RATED IN 2010 ONLY.

TABLE 50.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/  
2007-2011 DATA

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

NAME	JUNE 2008	JULY 8 2008	JULY 21 2008	SEPTEMBER 2008	JUNE 2009	JULY 2009	AUGUST 2009	MEAN
WOLFPACK II (PST-5WMB)	8.7	8.7	9.0	9.0	8.3	8.0	6.3	8.2
BULLSEYE	8.0	7.7	7.7	9.0	8.3	7.7	7.7	8.0
CATALYST (NA-BT-1)	8.0	8.0	8.7	8.7	9.0	7.0	7.0	8.0
MUSTANG 4 (M4)	8.3	8.7	8.7	8.3	8.3	8.0	6.3	8.0
COCHISE IV (RKCL)	8.0	7.7	8.0	9.0	8.7	8.0	6.3	7.9
GARRISON (IS-TF-153)	8.3	7.7	8.0	8.3	8.3	7.3	6.7	7.8
SPEEDWAY (STR-8BPDx)	8.0	8.3	8.7	8.7	9.0	6.3	6.3	7.8
SR 8650 (STR-8LMM)	7.7	8.3	9.0	8.0	8.0	7.3	7.0	7.8
TALLADEGA (RP 3)	7.3	8.0	8.7	9.0	8.7	8.0	5.7	7.8
3RD MILLENNIUM SRP	7.0	7.7	8.3	8.7	8.3	7.3	6.7	7.7
FALCON V (ATM)	7.7	8.3	8.3	8.3	8.7	7.7	5.3	7.7
GREENBROOKS (TG 50-9460)	7.7	8.0	8.7	8.7	8.3	6.0	6.3	7.6
RK 5	9.0	8.3	8.7	8.0	9.0	5.3	6.0	7.6
BRAVEHEART (DP 50-9407)	7.7	7.3	8.0	8.7	8.7	7.7	5.0	7.5
JAMBOREE (IS-TF-128)	7.3	7.3	8.3	8.0	8.3	8.3	5.3	7.5
TANZANIA (IS-TF-159)	8.0	8.0	8.3	8.0	8.0	7.3	5.7	7.5
TURBO	8.0	8.0	9.0	9.0	8.7	6.3	4.7	7.5
FALCON NG (CE 1)	6.3	8.0	8.7	8.0	7.0	7.3	7.0	7.4
FIRENZA	8.0	8.0	8.3	7.7	7.7	6.0	6.7	7.4
HEMI	6.7	7.0	8.7	9.0	8.7	6.0	6.0	7.4
LS 1200 (SC-1)	7.0	6.7	8.0	8.7	7.7	6.7	7.3	7.4
FINELAWN XPRESS (RP 2)	7.0	6.0	8.3	8.3	8.0	7.3	6.0	7.3
FIRECRACKER LS (MVS-MST)	6.7	7.3	7.7	8.7	8.7	7.3	5.3	7.3
MONET (LTP-610 CL)	7.7	7.3	7.3	8.3	8.0	7.0	6.0	7.3
SHENANDOAH ELITE (RK 6)	7.0	7.3	8.0	8.7	8.3	6.7	5.7	7.3
ESCALANTE (GO-1BFD)	7.0	6.7	8.0	8.7	7.3	6.3	6.7	7.2
PEDIGREE (ATF-1199)	6.7	7.0	8.0	8.7	8.0	6.3	6.0	7.2
RAPTOR II (MVS-TF-158)	7.3	7.0	7.3	8.0	8.3	7.3	5.0	7.2
ROCKET (IS-TF-147)	7.0	6.7	8.0	8.7	8.7	6.3	5.7	7.2
TRAVERSE SRP (RK-1)	6.3	6.0	7.3	8.7	7.7	7.0	7.3	7.2
TITANIUM LS (MVS-BB-1)	6.3	6.3	8.0	8.3	7.7	7.0	6.0	7.1
FAITH (K06-WA)	7.3	5.0	7.3	8.3	8.7	6.7	5.7	7.0
INTEGRITY (BGR-TF1)	7.3	8.0	8.3	7.7	7.3	7.3	3.7	7.0
RHAMBLER SRP (RHAMBLER)	7.7	8.0	8.7	8.3	7.3	5.7	4.3	7.0
RK 4	7.0	5.0	7.0	8.7	8.3	7.7	5.3	7.0
SHENANDOAH III (SH 3)	7.7	6.3	7.7	8.3	7.0	7.7	5.0	7.0
VENTURE (J-140)	6.3	6.3	8.0	8.3	8.0	6.3	6.0	7.0
MVS-1107	6.3	6.0	7.7	8.3	7.0	7.3	5.7	6.9
PSG-82BR	6.7	6.3	8.0	8.3	7.3	7.0	5.0	6.9
CANNAVARO (DP 50-9440)	8.0	6.0	8.3	9.0	7.7	5.0	4.3	6.8

TABLE 50. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/  
2007-2011 DATA

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

NAME	JUNE 2008	JULY 8 2008	JULY 21 2008	SEPTEMBER 2008	JUNE 2009	JULY 2009	AUGUST 2009	MEAN
GUARDIAN 41 (STR-8BB5)	7.3	6.3	8.3	7.7	8.3	5.7	4.7	6.8
VAN GOGH (LTP-RK2)	7.0	5.3	6.7	7.0	7.7	6.7	7.0	6.8
BLADE RUNNER II (PSG-85QR)	7.3	7.3	7.7	8.3	7.0	5.7	4.3	6.7
ESCALADE	7.7	6.0	7.3	8.3	6.3	7.0	5.0	6.7
GAZELLE II (PST-5HP)	6.3	7.0	7.3	7.3	7.0	5.7	6.3	6.7
RENOVATE (LS-11)	6.0	5.3	7.0	8.3	7.3	7.3	5.7	6.7
TURBO RZ (BURL-TF8)	6.7	7.7	8.0	8.0	7.3	5.7	4.7	6.7
REMBRANDT	6.0	6.0	7.0	7.0	7.7	7.7	5.0	6.6
BILTMORE	6.3	5.0	6.7	7.0	7.3	7.3	5.3	6.5
COMPETE (LS-06)	7.0	6.0	7.0	7.3	7.0	6.3	5.0	6.5
ESSENTIAL (IS-TF-154)	6.7	5.3	7.3	7.7	7.7	5.7	5.7	6.5
GE-1	6.3	5.3	6.3	8.0	7.0	7.7	5.0	6.5
06-DUST	6.7	5.3	7.0	6.7	6.7	7.0	5.7	6.4
BAR FA 6253	8.0	7.3	8.3	8.3	8.3	4.0	2.0	6.4
CEZANNE RZ (LTP-CRL)	6.3	5.0	6.3	8.3	7.0	6.7	5.0	6.4
REBEL IV	5.3	5.3	7.7	7.7	7.0	6.7	5.3	6.4
SILVERADO	6.7	6.7	8.0	8.0	7.7	5.3	3.3	6.4
06-WALK	7.3	6.3	7.7	7.7	6.0	5.0	5.0	6.3
JT-42	6.3	7.3	7.7	6.7	7.0	7.0	2.7	6.3
REUNION (LS-03)	5.0	4.3	7.7	7.0	8.0	5.7	6.3	6.3
SKYLINE	6.0	6.7	7.0	7.7	6.7	6.3	4.0	6.3
TITAN RX (PSG-TTST)	4.3	4.3	7.7	8.0	7.7	5.7	6.0	6.3
SPYDER LS (Z-2000)	4.3	3.3	6.0	8.7	8.0	6.3	6.3	6.2
TITAN ULTRA (PSG-TTRH)	6.7	7.0	7.7	8.0	5.7	4.3	5.3	6.2
TOCCOA (IS-TF-151)	7.0	6.7	7.7	8.0	7.7	5.7	2.0	6.2
AST9001 (AST-3)	6.0	4.7	7.0	8.0	6.7	7.3	3.3	6.1
BAR FA 6363	6.0	5.7	6.7	7.7	7.3	6.7	3.3	6.1
COL-1	6.3	5.7	6.0	7.3	6.3	7.3	4.0	6.1
DARLINGTON (CS-TF1)	6.0	6.0	7.7	8.7	7.0	4.3	4.0	6.1
HONKY TONK (RAD-TF17)	6.3	5.7	6.3	7.7	7.7	6.3	3.3	6.1
J-130	5.7	6.0	7.0	7.3	8.3	4.7	4.3	6.1
JUSTICE	5.7	4.7	6.7	8.0	6.7	5.0	6.0	6.1
KY-31	5.7	4.7	7.3	6.3	7.3	6.3	4.7	6.1
MVS-341	6.0	4.7	6.7	8.0	8.0	4.3	5.0	6.1
SIDEWINDER (IS-TF-138)	5.3	3.3	5.3	6.0	8.3	7.3	6.0	6.1
TULSA TIME (TULSA III)	5.3	5.0	6.0	7.7	7.3	5.7	5.7	6.1
JT-45	6.0	5.7	7.0	7.3	7.7	4.7	4.3	6.0
TAHOE II	6.7	7.7	7.7	7.7	7.0	3.7	3.3	6.0
CROSSFIRE 3 (COL-J)	5.3	5.0	7.7	8.0	7.7	3.3	4.7	5.9
FALCON IV	5.3	3.0	6.7	7.7	6.0	6.3	6.0	5.9



TABLE 50. (CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS  
AT NORTH BRUNSWICK (NO TRAFFIC), NJ 1/  
2007-2011 DATA

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

NAME	JUNE 2008	JULY 8 2008	JULY 21 2008	SEPTEMBER 2008	JUNE 2009	JULY 2009	AUGUST 2009	MEAN
FAT CAT (IS-TF-161)	7.0	5.7	6.7	7.3	7.3	4.3	3.7	5.9
LINDBERGH	6.3	6.3	7.7	8.0	6.7	4.0	3.3	5.9
MAGELLAN	5.0	4.7	7.3	8.7	7.0	5.3	4.0	5.9
TERRIER (IS-TF-135)	6.3	6.0	6.3	8.0	8.0	5.0	2.3	5.9
AST1001 (AST-4)	5.0	5.3	6.3	7.7	7.0	5.3	4.3	5.8
KY-41 (JT-41)	5.7	4.0	6.0	7.0	7.0	6.3	4.7	5.8
AST9003 (AST-1)	6.0	5.7	6.0	6.7	6.7	4.7	4.3	5.7
GOLD MEDALLION (KZ-1)	5.3	5.0	5.7	6.7	7.3	6.7	3.3	5.7
HUDSON (DKS)	5.3	4.0	6.3	7.3	6.0	7.0	4.0	5.7
NINJA 3 (ATF 1247)	4.7	4.7	6.7	6.7	7.0	6.3	3.7	5.7
PADRE	5.0	3.0	6.7	8.3	7.7	5.0	4.3	5.7
AST 7001	5.3	6.0	6.3	8.0	7.3	3.7	3.3	5.6
HUNTER	4.3	3.0	6.3	5.7	7.7	7.0	4.7	5.6
JT-33	5.3	5.7	7.3	7.0	6.0	4.7	3.7	5.6
JT-36	6.0	4.3	6.3	6.0	7.3	4.7	4.7	5.6
RENDITION RX (PSG-RNDR)	5.3	4.3	5.0	6.0	6.7	6.0	5.3	5.6
RNP	5.3	4.3	5.7	7.0	6.3	6.0	4.3	5.6
XTREMEGREEN (BGR-TF2)	4.3	3.0	3.7	6.3	6.0	7.0	7.3	5.6
AST 7002	5.0	4.0	6.3	8.3	7.3	4.0	4.0	5.5
STETSON II (NA-SS)	5.0	4.3	5.0	6.7	8.0	5.0	3.7	5.4
STR-8GRQR	4.3	5.0	6.7	8.0	6.0	4.3	4.0	5.4
SUNSET GOLD (KZ-2)	5.0	3.0	5.0	7.0	7.3	6.7	3.3	5.4
UMBRELLA (DP 50-9411)	4.3	3.7	5.3	7.0	6.3	6.7	4.3	5.4
PATAGONIA (GWTF)	5.0	3.7	6.0	6.7	6.7	6.0	3.0	5.3
TRIO (IS-TF-152)	6.0	4.0	5.7	6.7	7.0	5.7	2.7	5.3
AST9002 (AST-2)	4.3	3.3	5.3	7.0	6.3	6.0	4.0	5.2
CORONA (COL-M)	5.0	3.7	4.7	6.3	7.7	5.0	4.0	5.2
EINSTEIN	4.3	3.0	4.7	7.3	7.7	5.0	3.3	5.1
ARISTOTLE	6.0	6.7	7.7	7.0	5.0	2.3	2.3	5.0
AST7003	3.7	1.3	4.3	6.3	6.7	6.7	5.0	5.0
LS 1010 (ATF 1328)	3.3	1.7	3.3	6.0	7.0	6.0	4.7	4.7
PLATO	4.3	4.0	6.3	6.7	4.7	3.7	3.3	4.6
0312	3.7	2.3	4.0	6.3	6.0	4.0	4.3	4.4
LSD VALUE	3.8	5.9	3.1	3.3	1.7	3.3	3.0	1.5
C.V. (%)	26.0	40.5	21.2	15.6	12.6	25.3	30.7	19.0

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

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

TABLE 51. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/  
AT KNOXVILLE, TN 2/

2007-2011 DATA

NAME	JUNE 2007	JULY 2007	AUGUST 2007	JUNE 2009	JULY 2010	MEAN
DARLINGTON (CS-TF1)	12.3	10.0	17.3	25.0	40.0	26.1
HUDSON (DKS)	18.3	12.3	26.7	19.7	35.7	24.8
GOLD MEDALLION (KZ-1)	13.3	13.3	16.7	9.7	50.0	24.7
HUNTER	16.7	15.7	23.3	20.0	35.0	24.5
AST7003	16.7	17.3	23.3	21.7	31.7	24.1
ARISTOTLE	21.7	13.0	21.7	23.3	28.3	23.5
JUSTICE	15.7	15.7	25.0	15.7	35.0	23.1
FAT CAT (IS-TF-161)	15.0	14.0	18.3	21.0	31.7	22.8
GREENBROOKS (TG 50-9460)	8.3	12.7	15.0	19.0	35.7	22.2
SUNSET GOLD (KZ-2)	17.3	14.3	25.0	19.3	28.3	22.2
TERRIER (IS-TF-135)	15.0	15.7	21.7	22.3	26.7	22.1
AST 7002	11.7	15.7	20.7	21.7	28.3	22.0
STETSON II (NA-SS)	10.0	13.3	17.3	20.7	30.0	21.4
PEDIGREE (ATF-1199)	10.0	9.3	20.7	10.7	40.0	21.3
SPYDER LS (Z-2000)	7.3	13.3	20.0	15.3	35.0	21.3
O6-DUST	17.3	19.3	23.3	15.3	27.7	21.0
JT-33	13.3	13.3	25.0	16.7	29.0	21.0
RENOVATE (LS-11)	10.0	10.7	23.3	10.7	36.7	20.7
AST9001 (AST-3)	13.3	12.0	26.7	18.3	26.0	20.6
AST9002 (AST-2)	15.0	17.7	23.3	19.7	22.3	20.2
INTEGRITY (BGR-TF1)	15.0	14.0	18.3	18.3	26.0	20.0
AST9003 (AST-1)	15.7	14.0	21.7	7.7	35.0	19.9
COMPETE (LS-06)	10.0	9.3	28.3	10.3	33.3	19.9
FALCON IV	15.0	15.0	14.0	15.7	29.3	19.9
BAR FA 6253	8.3	9.3	15.7	19.0	29.3	19.8
MONET (LTP-610 CL)	8.3	13.3	26.7	11.7	31.7	19.8
SR 8650 (STR-8LMM)	18.3	21.0	20.0	8.0	31.7	19.8
TITAN RX (PSG-TTST)	13.3	16.7	19.0	21.0	21.7	19.7
XTREMEGREEN (BGR-TF2)	16.7	16.7	20.0	15.0	26.3	19.7
RK 4	15.0	14.3	27.3	10.0	30.0	19.6
ROCKET (IS-TF-147)	13.3	18.3	20.0	13.3	28.3	19.6
3RD MILLENNIUM SRP	8.3	11.0	28.3	9.3	33.3	19.5
O312	15.7	16.0	21.7	13.0	27.3	19.4
FALCON NG (CE 1)	13.3	12.7	20.7	13.3	29.3	19.4
EINSTEIN	25.7	23.3	21.7	10.0	24.0	19.2
AST1001 (AST-4)	15.7	12.7	18.3	13.3	28.3	19.1
BILTMORE	11.7	13.0	18.3	14.7	28.3	19.1
FAITH (K06-WA)	11.7	17.3	23.3	8.3	31.7	19.1
HONKY TONK (RAD-TF17)	11.7	16.0	21.7	12.7	28.3	19.1
LS 1010 (ATF 1328)	11.7	16.0	25.0	10.3	29.3	19.1
PLATO	24.0	18.3	23.3	8.7	26.7	19.1
REUNION (LS-03)	11.7	14.0	25.0	14.3	26.0	19.1
ESCALADE	14.0	20.0	20.0	14.0	25.0	19.0
RENDITION RX (PSG-RNDR)	10.0	14.0	20.7	8.0	34.0	19.0
REBEL IV	19.0	20.7	22.3	10.3	25.7	18.9
TITAN ULTRA (PSG-TTRH)	15.0	13.3	23.3	9.3	30.0	18.9
GE-1	11.7	13.3	17.3	14.0	28.3	18.8

TABLE 51.  
(CONT'D)PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/  
AT KNOXVILLE, TN 2/

## 2007-2011 DATA

NAME	JUNE 2007	JULY 2007	AUGUST 2007	JUNE 2009	JULY 2010	MEAN
RNP	11.7	16.0	23.3	8.7	30.7	18.8
AST 7001	18.3	20.0	25.0	11.7	23.3	18.7
RK 5	18.3	21.7	15.7	12.0	25.7	18.7
TOCCOA (IS-TF-151)	8.3	11.0	28.3	13.0	27.3	18.7
TULSA TIME (TULSA III)	10.0	14.3	23.3	10.0	29.3	18.4
CROSSFIRE 3 (COL-J)	8.3	14.0	25.0	16.7	22.3	18.3
SKYLINE	15.0	16.7	23.3	12.7	24.0	18.3
TITANIUM LS (MVS-BB-1)	13.3	12.7	21.7	14.0	25.0	18.3
TRIO (IS-TF-152)	5.0	15.0	17.7	12.7	29.3	18.2
GARRISON (IS-TF-153)	10.0	12.7	18.3	13.0	27.7	18.1
JT-36	13.3	14.0	25.0	15.7	21.3	18.1
KY-41 (JT-41)	10.0	12.3	23.3	14.0	25.0	18.1
TRAVERSE SRP (RK-1)	13.3	17.7	20.0	10.0	26.7	17.9
VENTURE (J-140)	16.7	16.0	26.7	18.3	15.7	17.9
06-WALK	11.7	16.0	21.7	9.3	27.3	17.7
BRAVEHEART (DP 50-9407)	8.3	12.7	13.3	11.7	30.0	17.7
CANNAVARO (DP 50-9440)	10.0	12.3	20.0	11.7	27.3	17.7
LS 1200 (SC-1)	17.3	15.0	18.3	15.7	20.7	17.7
PSG-82BR	14.0	15.0	20.0	10.0	26.7	17.7
SILVERADO	18.0	14.0	16.7	13.0	24.0	17.7
STR-8GRQR	17.3	18.3	21.0	16.7	17.7	17.7
COCHISE IV (RKCL)	17.3	13.3	18.3	14.0	22.3	17.6
FIRECRACKER LS (MVS-MST)	20.0	18.7	14.0	16.0	19.3	17.6
GUARDIAN 41 (STR-8BB5)	15.0	14.7	18.3	10.7	26.0	17.6
CORONA (COL-M)	8.3	11.0	25.0	11.0	26.7	17.5
JT-45	10.7	11.7	20.0	16.7	21.7	17.5
PADRE	11.7	14.0	21.7	13.3	23.3	17.5
TURBO	13.3	25.0	18.3	7.0	26.7	17.5
UMBRELLA (DP 50-9411)	17.3	12.7	23.3	12.3	22.3	17.5
RHAMBLER SRP (RHAMBLER)	10.0	11.0	17.3	9.3	30.0	17.4
MUSTANG 4 (M4)	10.0	14.0	15.0	16.0	22.7	17.2
REMBRANDT	13.3	11.7	20.0	13.3	23.3	17.2
FALCON V (ATM)	10.0	13.3	23.3	8.3	27.3	17.1
COL-1	13.3	20.0	28.3	8.0	22.3	17.0
NINJA 3 (ATF 1247)	11.0	13.3	18.3	12.7	23.7	16.9
ESSENTIAL (IS-TF-154)	16.7	17.3	19.0	12.7	20.0	16.8
FINELAWN XPRESS (RP 2)	11.7	13.3	15.0	7.7	29.3	16.8
HEMI	10.0	10.3	16.7	9.3	28.3	16.7
SHENANDOAH ELITE (RK 6)	11.7	13.7	21.7	8.3	26.0	16.7
SHENANDOAH III (SH 3)	11.7	13.0	18.3	8.3	27.3	16.7
TANZANIA (IS-TF-159)	10.0	8.7	16.7	11.7	26.7	16.7
J-130	13.3	11.7	20.0	13.0	21.7	16.6
SPEEDWAY (STR-8BPDX)	15.7	15.7	13.3	11.7	23.3	16.6
TAHOE II	13.3	11.0	31.7	10.0	20.7	16.4
BAR FA 6363	10.0	10.0	21.0	13.7	21.3	16.2
MVS-341	12.3	12.7	16.0	13.7	21.0	16.1
KY-31	16.3	16.0	30.0	14.0	13.3	16.0

TABLE 51. PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) AT KNOXVILLE, TN 2/ 3/

2007-2011 DATA

NAME	JUNE 2007	JULY 2007	AUGUST 2007	JUNE 2009	JULY 2010	MEAN
GAZELLE II (PST-5HP)	20.7	20.0	12.3	10.0	19.0	15.6
PATAGONIA (GWTF)	13.3	15.0	20.0	8.0	22.7	15.6
LINDBERGH	20.0	16.7	21.7	10.0	16.7	15.4
SIDEWINDER (IS-TF-138)	10.0	15.0	20.0	11.7	18.7	15.1
ESCALANTE (GO-1BFD)	20.7	21.7	20.0	7.0	17.3	15.0
BULLSEYE	6.7	19.0	16.7	12.7	17.7	14.8
TALLADEGA (RP 3)	8.3	11.0	21.7	9.3	21.3	14.8
CEZANNE RZ (LTP-CRL)	10.0	14.3	21.7	10.7	17.7	14.6
BLADE RUNNER II (PSG-85QR)	10.0	10.7	20.7	8.7	21.0	14.5
MVS-1107	16.7	16.3	16.7	11.3	15.7	14.5
TURBO RZ (BURL-TF8)	16.7	14.3	18.3	14.0	12.7	14.4
VAN GOGH (LTP-RK2)	11.7	13.3	20.0	8.3	20.0	14.4
FIRENZA	8.3	14.3	14.0	10.7	20.0	14.3
RAPTOR II (MVS-TF-158)	8.3	11.0	26.7	9.0	17.7	14.0
WOLFPACK II (PST-5WMB)	11.7	15.0	17.7	9.3	17.3	13.8
JT-42	15.0	15.7	16.7	13.0	9.3	12.7
MAGELLAN	10.0	16.7	21.7	9.0	12.7	12.6
CATALYST (NA-BT-1)	10.0	11.0	16.7	11.0	10.7	11.4
JAMBOREE (IS-TF-128)	10.0	12.3	15.7	9.7	10.3	10.9
LSD VALUE	26.0	20.1	28.1	20.0	28.0	44.0
C.V. (%)	48.3	35.3	32.1	48.1	38.0	56.2

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 52. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
 AT KNOXVILLE, TN 2/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
REBEL IV	55.0	86.0	86.7	75.9
3RD MILLENNIUM SRP	50.0	88.7	88.7	75.8
SHENANDOAH ELITE (RK 6)	56.7	84.0	86.7	75.8
06-DUST	55.0	84.3	86.7	75.3
RK 5	48.3	87.7	88.3	74.8
TURBO	50.0	86.0	88.3	74.8
GREENBROOKS (TG 50-9460)	50.0	85.7	88.3	74.7
FIRENZA	51.7	85.0	87.0	74.6
INTEGRITY (BGR-TF1)	53.3	83.3	86.7	74.4
JT-42	55.0	83.3	85.0	74.4
JUSTICE	53.3	84.0	86.0	74.4
SPYDER LS (Z-2000)	51.7	85.7	86.0	74.4
TALLADEGA (RP 3)	53.3	84.0	86.0	74.4
TRAVERSE SRP (RK-1)	55.0	83.0	85.0	74.3
EINSTEIN	48.3	86.7	87.7	74.2
TRIO (IS-TF-152)	48.3	86.0	88.3	74.2
ARISTOTLE	48.3	86.7	87.3	74.1
LINDBERGH	55.0	83.0	84.3	74.1
HONKY TONK (RAD-TF17)	51.7	84.0	86.0	73.9
FAITH (K06-WA)	55.0	81.3	85.0	73.8
FALCON V (ATM)	51.7	84.0	85.7	73.8
GOLD MEDALLION (KZ-1)	53.3	83.0	85.0	73.8
JT-45	53.3	83.0	85.0	73.8
REMBRANDT	50.0	84.0	87.0	73.7
BRAVEHEART (DP 50-9407)	50.0	84.0	86.7	73.6
COMPETE (LS-06)	50.0	84.0	86.7	73.6
GAZELLE II (PST-5HP)	53.3	82.3	85.0	73.6
PLATO	51.7	84.0	85.0	73.6
DARLINGTON (CS-TF1)	53.3	83.0	84.0	73.4
XTREMEGREEN (BGR-TF2)	48.3	85.0	86.7	73.3
AST9002 (AST-2)	48.3	84.3	86.7	73.1
CATALYST (NA-BT-1)	46.7	85.7	86.7	73.0
PATAGONIA (GWTF)	50.0	83.0	86.0	73.0
AST9003 (AST-1)	51.7	83.0	84.0	72.9
MONET (LTP-610 CL)	50.0	83.3	85.0	72.8
COCHISE IV (RKCL)	50.0	82.3	85.7	72.7
RENOVATE (LS-11)	53.3	81.3	83.3	72.7
SPEEDWAY (STR-8BPDx)	50.0	83.0	85.0	72.7
STETSON II (NA-SS)	50.0	83.0	85.0	72.7
GUARDIAN 41 (STR-8BB5)	50.0	83.0	85.0	72.7
LS 1200 (SC-1)	50.0	83.0	84.7	72.6
AST 7002	48.3	84.0	85.0	72.4
PEDIGREE (ATF-1199)	51.7	82.3	83.3	72.4
MVS-341	50.0	82.0	85.0	72.3
STR-8GRQR	48.3	83.0	85.7	72.3
HUDSON (DKS)	46.7	84.0	86.0	72.2
TERRIER (IS-TF-135)	46.7	84.0	86.0	72.2

TABLE 52. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT KNOXVILLE, TN 2/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
FINELAWN XPRESS (RP 2)	50.0	81.3	85.0	72.1
RK 4	48.3	83.0	85.0	72.1
TOCCOA (IS-TF-151)	48.3	82.3	85.7	72.1
TULSA TIME (TULSA III)	47.7	82.3	86.0	72.0
FALCON IV	46.7	84.0	85.0	71.9
SR 8650 (STR-8LMM)	46.7	83.0	86.0	71.9
TITAN ULTRA (PSG-TTRH)	50.0	81.3	84.3	71.9
VENTURE (J-140)	46.7	84.0	85.0	71.9
JAMBOREE (IS-TF-128)	48.3	82.3	84.7	71.8
KY-31	46.7	83.0	85.7	71.8
ESCALADE	50.0	80.7	84.3	71.7
PADRE	48.3	82.0	84.7	71.7
06-WALK	48.3	81.3	85.0	71.6
CORONA (COL-M)	46.7	83.0	85.0	71.6
TAHOE II	48.3	81.3	85.0	71.6
ESSENTIAL (IS-TF-154)	46.7	83.3	84.3	71.4
SKYLINE	46.7	82.3	85.3	71.4
TURBO RZ (BURL-TF8)	45.0	83.3	86.0	71.4
WOLFPACK II (PST-5WMB)	50.0	81.0	83.3	71.4
KY-41 (JT-41)	51.7	79.7	82.7	71.3
SILVERADO	48.3	82.3	83.3	71.3
BILTMORE	46.7	82.0	85.0	71.2
MUSTANG 4 (M4)	46.7	83.0	84.0	71.2
RAPTOR II (MVS-TF-158)	45.0	84.3	84.3	71.2
CROSSFIRE 3 (COL-J)	45.0	82.3	86.0	71.1
AST 7001	46.7	81.3	85.0	71.0
AST1001 (AST-4)	46.7	82.3	84.0	71.0
BLADE RUNNER II (PSG-85QR)	46.7	81.3	85.0	71.0
GARRISON (IS-TF-153)	46.7	81.3	85.0	71.0
MAGELLAN	46.7	81.3	85.0	71.0
PSG-82BR	45.0	82.0	85.0	70.7
RENDITION RX (PSG-RNDR)	45.0	83.0	84.0	70.7
ESCALANTE (GO-1BFD)	48.3	79.0	84.3	70.6
REUNION (LS-03)	45.0	81.7	85.0	70.6
ROCKET (IS-TF-147)	43.3	82.3	86.0	70.6
SIDEWINDER (IS-TF-138)	43.3	82.3	86.0	70.6
BAR FA 6253	48.3	79.0	84.0	70.4
CANNAVARO (DP 50-9440)	45.0	81.3	85.0	70.4
JT-36	45.0	81.3	85.0	70.4
NINJA 3 (ATF 1247)	46.7	81.3	83.3	70.4
AST7003	45.0	81.7	84.3	70.3
HEMI	45.0	82.0	84.0	70.3
CEZANNE RZ (LTP-CRL)	43.3	82.3	85.0	70.2
COL-1	41.7	83.0	85.7	70.1
GE-1	45.0	81.3	84.0	70.1
TANZANIA (IS-TF-159)	43.3	82.0	85.0	70.1
J-130	43.3	81.3	85.0	69.9

TABLE 52. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT KNOXVILLE, TN 2/  
 2007-2011 DATA

NAME	OCTOBER	NOVEMBER	DECEMBER	MEAN
VAN GOGH (LTP-RK2)	43.3	81.3	85.0	69.9
BULLSEYE	43.3	81.7	84.0	69.7
TITANIUM LS (MVS-BB-1)	41.7	82.0	85.0	69.6
JT-33	48.3	78.3	81.7	69.4
LS 1010 (ATF 1328)	43.3	80.7	84.3	69.4
TITAN RX (PSG-TTST)	41.7	81.3	85.0	69.3
AST9001 (AST-3)	40.0	82.3	85.0	69.1
RHAMBLER SRP (RHAMBLER)	38.3	84.0	85.0	69.1
UMBRELLA (DP 50-9411)	38.3	82.3	86.7	69.1
SUNSET GOLD (KZ-2)	41.7	81.3	84.0	69.0
FIRECRACKER LS (MVS-MST)	43.3	79.7	83.3	68.8
SHENANDOAH III (SH 3)	46.7	78.3	81.0	68.7
HUNTER	45.0	79.0	81.7	68.6
MVS-1107	41.7	79.0	83.3	68.0
FAT CAT (IS-TF-161)	45.0	76.7	80.7	67.4
BAR FA 6363	43.3	76.7	81.7	67.2
RNP	41.7	76.7	81.7	66.7
FALCON NG (CE 1)	40.0	77.3	81.7	66.3
0312	38.3	70.7	80.0	63.0
LSD VALUE	20.2	10.0	7.2	10.0
C.V. (%)	13.0	4.3	2.8	4.6

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

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

TABLE 53. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
 AT DALLAS, TX 2/  
 2007-2011 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
3RD MILLENNIUM SRP	40.0	80.0	90.0	90.0	93.0	78.6
RK 4	33.3	80.0	83.3	90.0	96.0	76.5
GE-1	36.7	70.0	83.3	90.0	90.0	74.0
LINDBERGH	26.7	70.0	83.3	86.7	92.7	71.9
AST9001 (AST-3)	23.3	73.3	83.3	83.3	93.0	71.3
PADRE	36.7	70.0	76.7	80.0	89.7	70.6
JT-36	26.7	70.0	80.0	80.0	93.0	69.9
HUNTER	23.3	66.7	80.0	83.3	93.0	69.3
RHAMBLER SRP (RHAMBLER)	23.3	70.0	80.0	80.0	93.0	69.3
SHENANDOAH III (SH 3)	26.7	63.3	83.3	83.3	89.7	69.3
HONKY TONK (RAD-TF17)	20.0	66.7	80.0	83.3	93.0	68.6
O6-DUST	26.7	66.7	80.0	80.0	86.7	68.0
PLATO	33.3	56.7	80.0	80.0	90.0	68.0
CATALYST (NA-BT-1)	23.3	63.3	80.0	80.0	90.0	67.3
HUDSON (DKS)	23.3	63.3	76.7	83.3	89.7	67.3
SPYDER LS (Z-2000)	26.7	66.7	76.7	76.7	89.7	67.3
WOLFPACK II (PST-5WMB)	20.0	63.3	80.0	80.0	93.0	67.3
GUARDIAN 41 (STR-8BB5)	20.0	66.7	76.7	80.0	90.0	66.7
TOCCOA (IS-TF-151)	26.7	63.3	76.7	76.7	90.0	66.7
GAZELLE II (PST-5HP)	26.7	63.3	76.7	80.0	86.3	66.6
CORONA (COL-M)	20.0	66.7	76.7	76.7	90.0	66.0
FINELAWN XPRESS (RP 2)	23.3	66.7	76.7	76.7	86.7	66.0
TALLADEGA (RP 3)	26.7	56.7	76.7	80.0	90.0	66.0
TRAVERSE SRP (RK-1)	16.7	66.7	76.7	80.0	90.0	66.0
BILTMORE	26.7	60.0	76.7	80.0	83.3	65.3
COCHISE IV (RKCL)	23.3	63.3	76.7	76.7	86.7	65.3
RK 5	26.7	60.0	73.3	76.7	90.0	65.3
AST1001 (AST-4)	20.0	56.7	76.7	80.0	90.0	64.7
PATAGONIA (GWTF)	20.0	63.3	76.7	76.7	86.7	64.7
SPEEDWAY (STR-8BPDx)	16.7	60.0	80.0	80.0	86.7	64.7
O6-WALK	16.7	60.0	76.7	80.0	89.7	64.6
AST 7002	23.3	60.0	76.7	76.7	83.3	64.0
AST9002 (AST-2)	20.0	53.3	76.7	80.0	90.0	64.0
TRIO (IS-TF-152)	20.0	60.0	76.7	76.7	86.7	64.0
XTREMEGREEN (BGR-TF2)	23.3	56.7	76.7	76.7	86.7	64.0
FALCON NG (CE 1)	23.3	60.0	70.0	73.3	93.0	63.9
RENDITION RX (PSG-RNDR)	16.7	56.7	73.3	80.0	93.0	63.9
COMPETE (LS-06)	26.7	53.3	73.3	80.0	83.3	63.3
MVS-1107	20.0	56.7	76.7	76.7	86.7	63.3
SIDEWINDER (IS-TF-138)	23.3	70.0	73.3	73.3	76.7	63.3
VENTURE (J-140)	23.3	53.3	76.7	76.7	86.7	63.3
BLADE RUNNER II (PSG-85QR)	16.7	56.7	76.7	76.7	86.7	62.7
ESCALANTE (GO-1BFD)	20.0	56.7	70.0	76.7	90.0	62.7
MVS-341	30.0	60.0	70.0	70.0	83.3	62.7
FIRECRACKER LS (MVS-MST)	23.3	56.7	70.0	76.7	86.3	62.6
REMBRANDT	23.3	56.7	70.0	73.3	89.7	62.6
FALCON IV	16.7	53.3	76.7	76.7	86.7	62.0



TABLE 53. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) AT DALLAS, TX 2/

2007-2011 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
MUSTANG 4 (M4)	23.3	50.0	70.0	76.7	90.0	62.0
TAHOE II	30.0	53.3	73.3	73.3	80.0	62.0
TULSA TIME (TULSA III)	20.0	56.7	70.0	73.3	90.0	62.0
DARLINGTON (CS-TF1)	20.0	56.7	70.0	73.3	86.7	61.3
RNP	13.3	50.0	76.7	76.7	89.7	61.3
SILVERADO	23.3	53.3	70.0	73.3	86.7	61.3
TITANIUM LS (MVS-BB-1)	20.0	56.7	70.0	73.3	86.7	61.3
CANNAVARO (DP 50-9440)	26.7	53.3	63.3	73.3	86.7	60.7
JT-42	20.0	56.7	70.0	73.3	83.3	60.7
NINJA 3 (ATF 1247)	20.0	50.0	73.3	73.3	86.7	60.7
RENOVATE (LS-11)	26.7	56.7	70.0	70.0	80.0	60.7
TANZANIA (IS-TF-159)	20.0	56.7	70.0	70.0	86.7	60.7
PSG-82BR	23.3	53.3	66.7	66.7	93.0	60.6
SHENANDOAH ELITE (RK 6)	25.0	53.3	70.0	70.0	83.3	60.3
AST7003	16.7	53.3	70.0	76.7	83.3	60.0
CEZANNE RZ (LTP-CRL)	20.0	46.7	73.3	73.3	86.7	60.0
FIRENZA	26.7	53.3	66.7	66.7	86.7	60.0
MAGELLAN	20.0	50.0	70.0	73.3	86.7	60.0
FALCON V (ATM)	23.3	60.0	63.3	63.3	89.7	59.9
KY-31	23.3	53.3	66.7	70.0	86.3	59.9
BULLSEYE	16.7	56.7	73.3	73.3	76.7	59.3
J-130	16.7	50.0	70.0	73.3	86.3	59.3
LS 1200 (SC-1)	20.0	53.3	66.7	70.0	86.7	59.3
PEDIGREE (ATF-1199)	20.0	53.3	70.0	70.0	83.3	59.3
REUNION (LS-03)	16.7	56.7	70.0	70.0	83.3	59.3
STETSON II (NA-SS)	20.0	46.7	70.0	76.7	83.3	59.3
VAN GOGH (LTP-RK2)	13.3	50.0	70.0	73.3	89.7	59.3
FAITH (K06-WA)	20.0	46.7	66.7	73.3	86.7	58.7
GREENBROOKS (TG 50-9460)	23.3	50.0	66.7	66.7	86.7	58.7
INTEGRITY (BGR-TF1)	20.0	50.0	70.0	70.0	83.3	58.7
SKYLINE	16.7	46.7	66.7	76.7	86.7	58.7
ESCALADE	20.0	46.7	70.0	76.7	79.7	58.6
SR 8650 (STR-8LMM)	13.3	50.0	66.7	76.7	86.3	58.6
CROSSFIRE 3 (COL-J)	16.7	46.7	66.7	73.3	86.7	58.0
JT-45	23.3	53.3	66.7	70.0	76.7	58.0
AST9003 (AST-1)	16.7	46.7	66.7	70.0	86.7	57.3
BRAVEHEART (DP 50-9407)	20.0	43.3	66.7	73.3	83.3	57.3
KY-41 (JT-41)	16.7	43.3	70.0	73.3	83.3	57.3
LS 1010 (ATF 1328)	16.7	50.0	66.7	66.7	86.7	57.3
ESSENTIAL (IS-TF-154)	26.7	50.0	63.3	66.7	76.7	56.7
GOLD MEDALLION (KZ-1)	26.7	46.7	66.7	66.7	76.7	56.7
MONET (LTP-610 CL)	20.0	43.3	66.7	66.7	86.7	56.7
TURBO	20.0	46.7	63.3	70.0	83.3	56.7
BAR FA 6253	10.0	40.0	70.0	73.3	86.7	56.0
UMBRELLA (DP 50-9411)	20.0	40.0	66.7	73.3	80.0	56.0
AST 7001	20.0	43.3	63.3	66.7	83.3	55.3
BAR FA 6363	16.7	46.7	63.3	66.7	83.3	55.3

TABLE 53. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) AT DALLAS, TX 2/

2007-2011 DATA

NAME	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007	FEBRUARY 2007	MARCH 2007	MEAN
TERRIER (IS-TF-135)	20.0	46.7	63.3	63.3	83.3	55.3
TITAN RX (PSG-TTST)	23.3	46.7	60.0	63.3	83.3	55.3
RAPTOR II (MVS-TF-158)	16.7	46.7	60.0	63.3	86.7	54.7
COL-1	16.7	43.3	63.3	66.7	80.0	54.0
EINSTEIN	16.7	46.7	60.0	63.3	83.3	54.0
GARRISON (IS-TF-153)	16.7	40.0	60.0	66.7	86.7	54.0
STR-8GRQR	10.0	43.3	66.7	70.0	80.0	54.0
SUNSET GOLD (KZ-2)	16.7	46.7	63.3	66.7	76.7	54.0
JUSTICE	16.7	43.3	63.3	63.3	76.7	52.7
REBEL IV	16.7	40.0	63.3	63.3	80.0	52.7
FAT CAT (IS-TF-161)	16.7	40.0	60.0	60.0	80.0	51.3
HEMI	16.7	46.7	56.7	63.3	73.3	51.3
TITAN ULTRA (PSG-TTRH)	16.7	46.7	60.0	60.0	73.0	51.3
ROCKET (IS-TF-147)	16.7	30.0	56.7	63.3	83.3	50.0
ARISTOTLE	20.0	36.7	56.7	63.3	73.0	49.9
O312	15.0	40.0	60.0	60.0	73.3	49.7
JT-33	20.0	40.0	50.0	50.0	73.3	46.7
TURBO RZ (BURL-TF8)	16.7	30.0	50.0	53.3	66.7	43.3
JAMBOREE (IS-TF-128)	13.3	30.0	46.7	46.7	63.3	40.0
LSD VALUE	35.5	45.0	39.0	30.9	38.6	30.2
C.V. (%)	41.1	27.7	16.9	15.2	11.2	15.9

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

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

TABLE 54.

NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS  
AT PUYALLUP, WA 1/  
2007-2011 DATA

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

NAME	OCTOBER 2007	DECEMBER 2007	JANUARY 2010	DECEMBER 2010	2011	MEAN
BULLSEYE	7.3	5.0	4.3	4.0	4.3	4.9
FAITH (K06-WA)	6.7	5.3	3.7	4.3	4.3	4.8
FALCON V (ATM)	6.0	4.3	5.3	3.7	4.7	4.8
FIRECRACKER LS (MVS-MST)	6.3	4.7	4.0	4.3	4.7	4.8
COCHISE IV (RKCL)	6.7	4.3	4.0	3.3	5.0	4.7
GREENBROOKS (TG 50-9460)	6.3	5.0	4.3	4.0	4.3	4.7
LS 1200 (SC-1)	6.7	6.0	4.0	4.0	3.7	4.7
SHENANDOAH ELITE (RK 6)	6.0	4.3	4.0	3.3	5.3	4.7
SPYDER LS (Z-2000)	6.3	4.3	4.0	4.0	4.7	4.7
TURBO	5.7	4.0	5.0	4.0	4.7	4.7
CATALYST (NA-BT-1)	6.0	4.7	4.0	4.3	4.3	4.6
MUSTANG 4 (M4)	6.7	4.3	4.0	3.3	4.7	4.6
RHAMBLER SRP (RHAMBLER)	5.7	4.3	4.0	3.3	5.0	4.6
SHENANDOAH III (SH 3)	5.7	4.3	5.0	4.0	4.3	4.6
UMBRELLA (DP 50-9411)	5.3	3.7	4.3	3.7	5.3	4.6
VAN GOGH (LTP-RK2)	6.3	3.3	4.7	4.7	4.3	4.6
BRAVEHEART (DP 50-9407)	5.7	4.0	4.7	4.7	4.0	4.5
MVS-1107	5.0	4.0	4.3	3.7	5.0	4.5
RK 4	7.0	4.7	3.7	3.7	4.0	4.5
3RD MILLENNIUM SRP	5.3	5.0	4.7	3.7	4.0	4.4
ESSENTIAL (IS-TF-154)	5.7	4.3	4.7	3.3	4.3	4.4
GARRISON (IS-TF-153)	6.3	4.7	4.0	3.0	4.3	4.4
RK 5	5.7	4.3	4.7	3.3	4.3	4.4
SPEEDWAY (STR-8BPDx)	6.0	4.0	5.0	3.5	4.0	4.4
TALLADEGA (RP 3)	5.7	4.0	4.3	3.7	4.3	4.4
TANZANIA (IS-TF-159)	6.0	4.7	4.0	3.7	4.0	4.4
TOCCOA (IS-TF-151)	5.7	3.3	4.0	4.3	4.7	4.4
WOLFPACK II (PST-5WMB)	6.0	4.3	5.0	3.3	4.0	4.4
BLADE RUNNER II (PSG-85QR)	5.3	3.7	4.3	3.7	4.3	4.3
FINELAWN XPRESS (RP 2)	6.3	3.7	4.3	4.3	3.7	4.3
FIRENZA	6.3	4.7	3.3	3.7	4.0	4.3
SIDEWINDER (IS-TF-138)	5.7	4.3	4.0	4.0	4.0	4.3
HEMI	5.7	4.0	4.0	3.7	4.0	4.2
JAMBOREE (IS-TF-128)	5.3	4.3	4.0	3.7	4.0	4.2
MONET (LTP-610 CL)	6.7	3.3	5.0	3.3	3.3	4.2
NINJA 3 (ATF 1247)	5.0	3.3	3.3	3.7	5.0	4.2
TITANIUM LS (MVS-BB-1)	6.0	4.3	4.3	3.3	3.7	4.2
TRAVERSE SRP (RK-1)	6.7	4.7	3.7	3.0	3.7	4.2
CANNAVARO (DP 50-9440)	5.7	3.0	4.3	3.3	4.0	4.1
GAZELLE II (PST-5HP)	5.7	4.0	3.3	3.3	4.0	4.1
COMPETE (LS-06)	5.0	3.0	3.7	3.0	4.7	4.0
ESCALANTE (GO-1BFD)	5.3	4.7	3.7	3.0	3.7	4.0
FALCON NG (CE 1)	5.0	4.3	4.7	3.3	3.3	4.0
GE-1	5.3	4.3	4.3	3.3	3.3	4.0
HONKY TONK (RAD-TF17)	4.3	3.0	3.7	3.7	4.7	4.0

TABLE 54.  
(CONT'D)

NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS  
AT PUYALLUP, WA 1/  
2007-2011 DATA

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

NAME	OCTOBER 2007	DECEMBER 2007	JANUARY 2010	DECEMBER 2010	2011	MEAN
SR 8650 (STR-8LMM)	5.7	3.7	5.0	3.7	3.0	4.0
TURBO RZ (BURL-TF8)	4.7	4.0	4.7	3.3	3.7	4.0
AST9002 (AST-2)	5.3	3.7	3.0	3.3	4.0	3.9
INTEGRITY (BGR-TF1)	4.7	3.0	3.0	4.0	4.3	3.9
MVS-341	5.0	3.7	4.0	3.3	3.7	3.9
PADRE	4.7	3.7	4.3	3.3	3.7	3.9
ROCKET (IS-TF-147)	5.7	4.0	3.7	3.7	3.3	3.9
TERRIER (IS-TF-135)	5.0	3.0	4.0	3.3	4.0	3.9
VENTURE (J-140)	5.3	3.3	4.0	3.0	4.0	3.9
CEZANNE RZ (LTP-CRL)	5.3	3.0	3.3	3.3	4.0	3.8
LINDBERGH	4.7	3.7	3.3	3.3	4.0	3.8
GUARDIAN 41 (STR-8BB5)	6.0	3.3	3.7	4.0	3.0	3.8
STR-8GRQR	5.0	3.0	3.3	2.7	4.3	3.8
SUNSET GOLD (KZ-2)	5.0	3.3	2.7	3.0	4.3	3.8
06-WALK	4.3	3.7	3.7	3.0	3.7	3.7
AST 7002	5.7	3.0	3.0	3.0	3.7	3.7
BAR FA 6253	5.0	3.7	3.7	3.3	3.3	3.7
CORONA (COL-M)	4.3	3.0	4.0	2.7	4.0	3.7
EINSTEIN	4.7	3.7	3.7	3.3	3.3	3.7
FALCON IV	5.0	3.7	3.3	2.7	3.7	3.7
FAT CAT (IS-TF-161)	4.7	3.3	4.0	4.0	3.0	3.7
LS 1010 (ATF 1328)	5.7	2.3	3.7	3.0	3.7	3.7
MAGELLAN	5.3	3.7	3.7	2.7	3.3	3.7
PLATO	4.0	3.3	5.0	3.3	3.3	3.7
PSG-82BR	6.0	3.3	3.3	2.3	3.7	3.7
RAPTOR II (MVS-TF-158)	5.3	3.3	3.7	3.0	3.3	3.7
SKYLINE	4.7	3.3	4.0	3.3	3.3	3.7
STETSON II (NA-SS)	5.3	3.7	3.0	2.7	3.7	3.7
AST9001 (AST-3)	4.7	3.7	3.7	3.0	3.3	3.6
BILTMORE	5.0	3.7	4.0	3.0	3.0	3.6
COL-1	5.0	2.3	3.3	4.0	3.3	3.6
CROSSFIRE 3 (COL-J)	4.3	3.3	3.3	3.0	3.7	3.6
ESCALADE	5.0	3.3	4.7	3.3	2.7	3.6
GOLD MEDALLION (KZ-1)	4.7	3.0	3.3	2.7	4.0	3.6
HUDSON (DKS)	5.3	3.3	3.3	3.0	3.3	3.6
J-130	4.7	3.0	4.0	2.7	3.7	3.6
RENDITION RX (PSG-RNDR)	5.3	3.3	3.3	3.3	3.0	3.6
REUNION (LS-03)	4.7	3.3	3.0	3.0	3.7	3.6
TAHOE II	5.3	3.0	3.3	3.0	3.3	3.6
ARISTOTLE	4.0	3.0	4.0	3.3	3.3	3.5
JT-45	4.3	4.0	3.3	2.7	3.3	3.5
REBEL IV	5.0	3.7	3.7	2.7	3.0	3.5
REMBRANDT	4.7	3.0	3.7	3.0	3.3	3.5
SILVERADO	5.0	2.3	3.7	2.7	3.7	3.5
AST7003	5.3	3.3	3.3	3.3	2.7	3.4

TABLE 54.  
(CONT'D)

NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS  
AT PUYALLUP, WA 1/  
2007-2011 DATA

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

NAME	OCTOBER 2007	DECEMBER 2007	JANUARY 2010	DECEMBER 2010	2011	MEAN
AST9003 (AST-1)	5.0	3.3	3.0	2.3	3.3	3.4
HUNTER	4.0	2.3	3.7	2.7	4.0	3.4
JT-33	4.0	3.7	3.7	2.3	3.3	3.4
JT-42	4.3	3.3	2.7	2.3	4.0	3.4
PATAGONIA (GWTF)	4.0	3.0	3.3	2.7	3.7	3.4
PEDIGREE (ATF-1199)	4.7	3.7	3.0	3.3	3.0	3.4
RENOVATE (LS-11)	4.3	2.7	3.0	2.7	4.0	3.4
TRIO (IS-TF-152)	5.0	3.0	3.3	3.0	3.0	3.4
06-DUST	5.3	2.7	3.3	2.7	3.0	3.3
AST1001 (AST-4)	4.7	3.3	3.3	3.0	2.7	3.3
KY-41 (JT-41)	4.3	2.7	3.3	3.0	3.3	3.3
TITAN ULTRA (PSG-TTRH)	4.0	2.7	3.7	2.7	3.3	3.3
TULSA TIME (TULSA III)	4.3	3.7	3.3	3.3	2.7	3.3
XTREMEGREEN (BGR-TF2)	4.0	3.0	3.3	3.7	3.0	3.3
JT-36	4.7	3.0	3.0	2.7	3.0	3.2
RNP	3.7	4.0	3.0	3.0	2.7	3.2
TITAN RX (PSG-TTST)	4.3	3.0	3.0	3.0	3.0	3.2
JUSTICE	4.7	3.0	3.0	2.7	2.7	3.1
AST 7001	4.7	2.0	2.3	3.0	3.0	3.0
BAR FA 6363	4.0	3.0	2.7	2.3	3.0	3.0
0312	4.3	2.3	3.3	3.0	2.3	2.9
DARLINGTON (CS-TF1)	4.3	2.7	3.0	3.0	2.3	2.9
KY-31	4.0	2.0	3.0	3.0	2.7	2.9
LSD VALUE	1.7	1.4	2.1	1.3	1.5	0.8
C.V. (%)	16.9	21.7	22.8	19.2	20.4	20.9

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 55.

RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 AT PUYALLUP, WA  
 2007-2011 DATA

DROUGHT RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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	BLADE RUNNER II (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
GUARDIAN 41 (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 55.  
(CONT'D)

RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
AT PUYALLUP, WA  
2007-2011 DATA

DROUGHT RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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.

3/ RECOVERY RATED IN 2011 ONLY.

TABLE 56. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 AT DALLAS, TX 2/  
 2007-2011 DATA 3/

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
O6-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
BLADE RUNNER II (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
GUARDIAN 41 (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 56. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT DALLAS, TX 2/  
 2007-2011 DATA 3/

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
WOLFPAK 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 56. PERCENT RECOVERY RATINGS FROM SUMMER DORMANCY OF TALL FESCUE CULTIVARS 1/  
 (CONT'D) AT DALLAS, TX 2/  
 2007-2011 DATA 3/

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
O312	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.

3/ PERCENT RECOVERY RATED IN 2011 ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS \*/  
 2007-2011 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	5.5	3.7	HEMI	6.2	48.1
06-DUST	5.8	7.4	HONKY TONK (RAD-TF17)	5.8	11.1
06-WALK	5.5	0.0	HUDSON (DKS)	5.8	7.4
3RD MILLENNIUM SRP	6.2	59.3	HUNTER	5.6	11.1
ARISTOTLE	5.3	0.0	INTEGRITY (BGR-TF1)	5.9	18.5
AST 7001	5.7	11.1	J-130	5.9	14.8
AST 7002	5.8	11.1	JAMBOREE (IS-TF-128)	6.2	48.1
AST1001 (AST-4)	5.8	11.1	JT-33	5.7	7.4
AST7003	5.7	0.0	JT-36	5.8	7.4
AST9001 (AST-3)	5.9	18.5	JT-42	5.8	7.4
AST9002 (AST-2)	5.9	14.8	JT-45	5.8	0.0
AST9003 (AST-1)	5.9	14.8	JUSTICE	5.9	11.1
BAR FA 6253	5.9	7.4	KY-31	3.5	0.0
BAR FA 6363	5.5	3.7	KY-41 (JT-41)	5.8	3.7
BILTMORE	5.5	3.7	LINDBERGH	5.5	3.7
BLADE RUNNER II (PSG-85QR)	6.0	11.1	LS 1010 (ATF 1328)	5.8	14.8
BRAVEHEART (DP 50-9407)	6.1	37.0	LS 1200 (SC-1)	6.4	88.9
BULLSEYE	6.4	77.8	MAGELLAN	5.7	7.4
CANNAVARO (DP 50-9440)	6.1	40.7	MONET (LTP-610 CL)	6.3	74.1
CATALYST (NA-BT-1)	6.3	77.8	MUSTANG 4 (M4)	6.2	48.1
CEZANNE RZ (LTP-CRL)	5.9	22.2	MVS-1107	5.8	11.1
COCHISE IV (RKCL)	6.3	51.9	MVS-341	5.7	3.7
COL-1	5.8	14.8	NINJA 3 (ATF 1247)	5.8	7.4
COMPETE (LS-06)	5.8	11.1	PADRE	5.7	3.7
CORONA (COL-M)	6.0	33.3	PATAGONIA (GWTF)	5.9	7.4
CROSSFIRE 3 (COL-J)	5.8	7.4	PEDIGREE (ATF-1199)	5.9	14.8
DARLINGTON (CS-TF1)	5.8	11.1	PLATO	5.3	0.0
EINSTEIN	5.6	3.7	PSG-82BR	6.0	14.8
ESCALADE	6.0	11.1	RAPTOR II (MVS-TF-158)	6.1	25.9
ESCALANTE (GO-1BFD)	5.6	7.4	REBEL IV	5.8	11.1
ESSENTIAL (IS-TF-154)	6.2	44.4	REMBRANDT	5.7	0.0
FAITH (K06-WA)	6.4	81.5	RENDITION RX (PSG-RNDR)	5.5	7.4
FALCON IV	5.8	7.4	RENOVATE (LS-11)	5.8	11.1
FALCON NG (CE 1)	5.9	11.1	REUNION (LS-03)	5.9	14.8
FALCON V (ATM)	6.4	74.1	RHAMBLER SRP (RHAMBLER)	6.3	63.0
FAT CAT (IS-TF-161)	6.0	25.9	RK 4	6.2	63.0
FINELAWN XPRESS (RP 2)	6.1	44.4	RK 5	6.3	74.1
FIRECRACKER LS (MVS-MST)	6.3	63.0	RNP	5.8	7.4
FIRENZA	6.2	51.9	ROCKET (IS-TF-147)	6.0	14.8
GARRISON (IS-TF-153)	6.2	48.1	SHENANDOAH ELITE (RK 6)	6.2	70.4
GAZELLE II (PST-5HP)	6.0	29.6	SHENANDOAH III (SH 3)	6.3	66.7
GE-1	5.9	11.1	SIDEWINDER (IS-TF-138)	6.1	40.7
GOLD MEDALLION (KZ-1)	5.9	14.8	SILVERADO	4.8	0.0
GREENBROOKS (TG 50-9460)	6.1	22.2	SKYLINE	5.8	7.4
			SPEEDWAY (STR-8BPDx)	6.2	48.1

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS \*/  
 2007-2011 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF \*\*/

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
SPYDER LS (Z-2000)	6.2	59.3
SR 8650 (STR-8LMM)	6.0	25.9
STETSON II (NA-SS)	5.8	14.8
GUARDIAN 41 (STR-8BB5)	6.1	29.6
STR-8GRQR	5.8	11.1
SUNSET GOLD (KZ-2)	5.8	7.4
TAHOE II	5.7	0.0
TALLADEGA (RP 3)	6.1	40.7
TANZANIA (IS-TF-159)	6.2	48.1
TERRIER (IS-TF-135)	5.9	14.8
TITAN RX (PSG-TTST)	5.4	0.0
TITAN ULTRA (PSG-TTRH)	5.7	7.4
TITANIUM LS (MVS-BB-1)	6.0	18.5
TOCCOA (IS-TF-151)	5.9	33.3
TRAVERSE SRP (RK-1)	6.2	51.9
TRIO (IS-TF-152)	6.1	29.6
TULSA TIME (TULSA III)	6.0	18.5
TURBO	6.3	66.7
TURBO RZ (BURL-TF8)	5.8	11.1
UMBRELLA (DP 50-9411)	5.9	25.9
VAN GOGH (LTP-RK2)	6.2	40.7
VENTURE (J-140)	6.1	22.2
WOLFPACK II (PST-5WMB)	6.3	66.7
XTREMEGREEN (BGR-TF2)	5.9	14.8
LSD VALUE	0.2	
C.V. (%)	8.9	

\*/ 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.