

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, one member from the Sports Turf Managers Association of America (STMA), and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

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

Executive Director - Kevin N. Morris, National Turfgrass Evaluation Program, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Mr. Colin Scott, Scotts Miracle Grow
Mr. Micah Gould, Barenbrug USA.
Dr. Cole Thompson, USGA Green Section
Dr. Marta Pudzianowska, Mississippi State University
Dr. Chas Schmid, Oregon State University
Dr. Casey Reynolds, Turfgrass Producers International
Mr. David Phipps, Golf Course Superintendents Assoc. of America
Dr. Doug Soldat, University of Wisconsin
Dr. Kenneth Hignight, NexGen Turf Research, LLC
Dr. Mike Fidanza, Penn State University, Berks Campus

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, Executive Director
National Turfgrass Evaluation Program
National Agricultural Library
10301 Baltimore Ave. Room G-07
Beltsville, Maryland 20705
kmorris@ntep.org

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

Other Ratings

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

2024 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2025

State/Province	Location	Code
Connecticut	Storrs	CT1
Georgia	Griffin	GA1
Indiana	West Lafayette	IN1
Iowa	Ames (shade)	IA1
Kansas	Manhattan	KS1
Kansas	Hayesville	KS3
Kansas	Manhattan (Sod Strength)	KS4
Maryland	College Park	MD1
Massachusetts	Amherst (Traffic)	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Mississippi	Mississippi State	MS1
Nebraska	Mead	NE1
New Jersey	North Brunswick	NJ1
New Jersey	North Brunswick (Gray Leaf Spot)	NJ4
New Jersey	Adelphia	NJ2
North Carolina	Raleigh	NC1
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Oregon	Corvallis	OR1
Tennessee	Knoxville	TN1
Utah	Logan (Drought)	UT1
Virginia	Blacksburg (Lawn)	VA1
Virginia	Blacksburg (Fairway)	VA2

2024 NATIONAL TALL FESCUE TEST ENTRIES AND SPONSORS

ENTRY NO.	NAME	SPONSOR	ENTRY NO.	NAME	SPONSOR	ENTRY NO.	NAME	SPONSOR
1	SETFT3	Smith Seed Services	41	GO-TETF	GO Seed	81	PPG-TF 541	Landmark Seed Company
*2	Rejuvenate	Yamhill Valley Farms LLC	42	GO-BPTF-T	GO Seed	82	PPG-TF 427	ProSeeds Marketing
3	BY-GLS1	BrettYoung	43	PPG-TF 440	Peak Plant Genetics	83	23HEG7	ProSeeds Marketing
4	BY-GLS4	BrettYoung	*44	Raptor III	Standard	84	BGT2	ProSeeds Marketing
5	LTP-SPP	Lebanon Seaboard Corp.	45	LTP-GTM	Lebanon Seaboard Corp.	85	RAD-TF134	Smith Seed Services
6	PVP-LOLA	Ladies Choice Grass Seed, LLC	46	GET 21	Rutgers University	86	RAD-TF146	Smith Seed Services
7	DLF-TF-3867	DLF USA, Inc.	47	DLF-TF-3844	DLF USA, Inc.	87	RAD-TF147	Oak Park Farm
8	DLF-TF-3868	DLF USA, Inc.	48	DLF-TF-3880	DLF USA, Inc.	88	RAD-TF136	Radix Research
9	DLF-TF-3869	DLF USA, Inc.	*49	Padre 2	SiteOne Landscape Supply	89	PST-5LSM	Pure-Seed Testing, Inc.
10	DLF-TF-3870	DLF USA, Inc.	*50	Endgame	SiteOne Landscape Supply	90	PST-5CHWM	BrettYoung
11	DLF-TF-3874	DLF USA, Inc.	*51	Bravo 2	SiteOne Landscape Supply	91	PST-5LOD	The Scotts Company
12	DLF-TF-3875	DLF USA, Inc.	*52	Gridiron	SiteOne Landscape Supply	92	PST-5DFD	Pure-Seed Testing, Inc.
13	DLF-TF-3876	DLF USA, Inc.	53	PPG-TF 497	Turf Merchants, Inc.	*93	GLX Star	Rose Agri-Seed
14	DLF-TF-3877	DLF USA, Inc.	54	PPG-TF 504	Turf Merchants, Inc.	*94	Knox	Beacon Seed LLC
*15	Capitan	Standard	55	PPG-TF 507	Turf Merchants, Inc.	95	PST-R5HD6	Pure-Seed Testing, Inc.
*16	Ky-31	Standard	56	PPG-TF 508	Turf Merchants, Inc.	96	PST-R5SWG	Rose Agri-Seed
*17	Pro Gold	Standard	57	PPG-TF 403	Semillas Fito	97	PST-SEBP	BrettYoung
18	ATF1832	Pennington Seed	58	PPG-TF 498	Semillas Fito	98	PST-5CHR	Pure-Seed Testing, Inc.
*19	Rebel Xpedition	Pennington Seed	59	PPG-TF 405	Columbia Seeds	99	PST-5SCHW2	Pure-Seed Testing, Inc.
*20	Battle Hawk	Standard	60	PPG-TF 506	Columbia Seeds	*100	Daybreak	Standard
21	DLF-TF-3872	DLF USA, Inc.	61	21CEG1	Semillas Dalmau	101	BAR FA 408	Barenbrug USA
22	DLF-TF-3873	DLF USA, Inc.	62	PPG-TF 422	Integra Turf, Inc.	102	BAR FA 412	Barenbrug USA
23	SMG-TF24	The Scotts Company	63	PPG-TF 435	Integra Turf, Inc.	103	24FE7105	Barenbrug USA
24	NAI-CEG2	Ampac Seed Company	64	PPG-TF 500	Integra Turf, Inc.	*104	Xanadu	Barenbrug USA
25	NAI-GLW3	SiteOne Landscape Supply	65	21GPS7	Vista Seed Services	*105	Bonfire	Barenbrug USA
26	NAI-BNTB	The Scotts Company	66	SETF 409	Smith Seed Services	106	PPG-TF 499	Barenbrug USA
27	NAI-HEG9	Columbia Seeds	67	23JWL	BrettYoung	107	PPG-TF 505	Barenbrug USA
28	NAI-LGT1	SiteOne Landscape Supply	68	22LGT2	BrettYoung	*108	Easy Green	Carlton Seed
29	NAI-2413	Novel Ag., Inc.	*69	Valiant (PPG-TF 437)	Landmark Seed Company			
30	NAI-21GPS2	Turf Merchants, Inc.	70	PPG-TF 475	Landmark Seed Company			
*31	Atlas	Berger International LLC	71	PPG-TF 539	Landmark Seed Company			
*32	Primo	Berger International LLC	72	PPG-TF 503	Landmark Seed Company			
*33	Top Shelf	Berger International LLC	*73	Spyder 3LS (PPG-TF 399)	Mountain View Seeds			
*34	Firehawk SLT	Burlingham Seeds	*74	Valkyrie 2LS (PPG-TF 402)	Mountain View Seeds			
*35	Dragster	Burlingham Seeds	*75	Dynamite 2G-LS (PPG-TF 404)	Mountain View Seeds			
*36	El Camino	Burlingham Seeds	*76	Raptor 4LS (PPG-TF 433)	Mountain View Seeds			
*37	Bullseye LTZ	Burlingham Seeds	*77	Supersonic 2GL (PPG-TF 493)	Mountain View Seeds			
*38	Torino	Burlingham Seeds	*78	Firecracker 2G-LS (PPG-TF 538)	Mountain View Seeds			
39	NAI-SOTF	Ampac Seed Company	79	PPG-TF 540	Mountain View Seeds			
40	GO-SH19	GO Seed	80	PPG-TF 477	Peak Plant Genetics			

*COMMERCIALY AVAILABLE IN THE USA OR ANY OTHER COUNTRY IN 2026

TABLE A.

2025 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2024 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
CT1	SANDY LOAM	6.1-6.5	61-150	151-240	-	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
GA1	SANDY CLAY LOAM	4.6-5.5	0-60	151-240	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	PARTIAL SHADE	2.1-2.5	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	4.1+	NO IRRIGATION
KS1	SILT LOAM AND SILT	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
KS3	SANDY LOAM	6.1-6.5	61-150	151-240	-	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
KS4	SILT LOAM AND SILT	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
MA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MI1	-	7.1-7.5	-	-	3.1-4.0	FULL SUN	3.6-4.0	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	6.1-6.5	61-150	376-500	2.1-3.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MS1	SANDY LOAM	6.6-7.0	151-270	241-375	4.1-5.0	FULL SUN	3.1-3.5	ONLY DURING SEVERE STRESS
NC1	SANDY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	376-500	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
NJ1	LOAM	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ4	SANDY LOAM	5.6-6.0	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH1	-	-	-	-	-	-	-	-
OK1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
OR1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TN1	-	-	-	-	-	-	-	-
UT1	SILT LOAM AND SILT	-	-	-	-	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	2.1-3.0	FULL SUN	3.6-4.0	TO PREVENT DORMANCY
VA2	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY

TABLE B.		LOCATIONS AND DATA COLLECTED IN 2025													
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
CT1				X	X	X	X	X	X	X			X	X	X
GA1												X			
IA1				X	X	X	X	X	X	X	X		X		X
IN1				X	X	X	X	X	X	X	X				
KS1			X	X	X	X	X	X	X	X	X	X	X	X	X
KS3				X	X	X	X	X	X	X	X		X		X
KS4			X	X	X	X	X	X	X	X					
MA1				X	X	X	X	X	X	X	X				
MD1				X	X	X	X	X	X	X	X		X	X	X
MI1														X	
MN1					X	X	X	X	X				X		
MS1		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
NE1				X	X	X	X	X	X	X			X	X	X
NJ1				X	X	X	X	X	X	X				X	
NJ2				X		X	X	X	X	X					
NJ4										X					
OH1						X		X	X		X				
OK1			X	X	X	X	X	X	X	X	X	X	X		X
OR1	X	X	X	X	X	X	X	X	X	X	X	X	X		
TN1			X	X	X	X	X	X	X	X	X		X	X	X
UT1				X	X	X	X	X	X	X			X		X
VA1				X	X	X	X	X	X						
VA2					X	X	X	X	X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2025

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	STEM RUST	BROWN PATCH WARM TEMP.	BROWN PATCH COOL TEPM.	GRAY LEAF SPOT
CT1		X										
GA1												
IA1			X									
IN1	X			X						X		
KS1		X	X	X								
KS3	X	X		X				X				
KS4										X		
MA1												
MD1				X								
MI1												
MN1	X			X	X	X						
MS1				X								
NC1			X	X	X				X	X		X
NE1		X		X								
NJ1	X									X		
NJ2	X											
NJ4	X											X
OH1												
OK1					X		X			X		
OR1	X											
TN1		X		X	X	X	X					
UT1	X		X									
VA1				X	X					X	X	
VA2				X	X							

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2025

LOCATION	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	PERCENT ESTABLISH- MENT	UNIFORMITY RATINGS	COLOR SUMMER	BROWN PATCH	QUALITY 2024	ESTABLISH- MENT	WEAR TOLERANCE		
										MAY	JULY	OCTOBER
CT1												
GA1			X									
* IA1		X										
IN1								X				
KS1			X						X			
KS3												
* KS4												
MA1				X						X	X	X
MD1												
MI1												
MN1												
MS1												
NC1		X		X								
NE1	X											
NJ1				X			X					
NJ2												
NJ4												
OH1												
OK1					X			X	X			
OR1						X						
TN1		X										
UT1		X										
VA1							X					
VA2												

* MORE DATA FOR IA1 AND KS4 IN THE TABLE 13 AND 16.

TABLE 1.

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2025 DATA

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

NAME	ENTRY #	NJ1	NJ2	IN1	MN1	VA1	MD1	MEAN
PPG-TF 505	107	6.8	7.3	6.3	5.4	6.1	7.5	7.0
BGT2	84	6.7	7.2	6.1	5.2	5.9	7.3	6.9
PPG-TF 435	63	7.1	7.5	6.4	5.5	6.2	7.5	6.7
PPG-TF 499	106	6.3	7.0	6.0	5.2	5.9	7.3	6.6
PPG-TF 508	56	7.0	7.5	6.3	5.4	6.1	7.4	6.6
PPG-TF 497	53	7.0	7.4	6.3	5.4	6.1	7.4	6.6
*SPYDER 3LS (PPG-TF 399)	73	6.9	7.4	6.3	5.4	6.1	7.5	6.6
*VALKYRIE 2LS (PPG-TF 402)	74	6.8	7.3	6.3	5.4	6.1	7.5	6.6
*FIRECRACKER 2G-LS (PPG-TF 538)	78	6.9	7.4	6.3	5.4	6.0	7.4	6.6
PPG-TF 507	55	6.7	7.3	6.3	5.4	6.1	7.5	6.5
LTP-GTM	45	6.8	7.3	6.2	5.3	6.0	7.4	6.5
PPG-TF 427	82	6.8	7.3	6.2	5.3	6.0	7.4	6.5
PPG-TF 422	62	6.8	7.3	6.2	5.3	6.0	7.4	6.5
GET 21	46	6.8	7.3	6.2	5.3	6.0	7.4	6.5
PPG-TF 498	58	6.9	7.3	6.2	5.3	6.0	7.4	6.5
23JWL	67	6.8	7.3	6.2	5.3	6.0	7.4	6.5
PPG-TF 539	71	7.0	7.4	6.2	5.3	5.9	7.3	6.5
*VALIANT (PPG-TF 437)	69	6.8	7.3	6.2	5.3	6.0	7.3	6.5
NAI-CEG2	24	6.7	7.3	6.2	5.3	6.0	7.4	6.5
21GPS7	65	6.8	7.3	6.2	5.3	6.0	7.3	6.5
DLF-TF-3877	14	6.8	7.3	6.2	5.3	6.0	7.3	6.5
PPG-TF 500	64	6.7	7.2	6.2	5.3	6.0	7.4	6.5
PPG-TF 440	43	6.7	7.2	6.2	5.3	6.0	7.4	6.5
*TORINO	38	6.5	7.2	6.2	5.3	6.1	7.5	6.5
NAI-GLW3	25	7.0	7.3	6.1	5.2	5.9	7.2	6.5
23HEG7	83	6.1	6.8	5.9	5.0	5.8	7.2	6.5
PPG-TF 506	60	6.6	7.2	6.2	5.3	6.0	7.4	6.4
PVP-LOLA	6	6.7	7.2	6.1	5.2	5.9	7.3	6.4
PPG-TF 503	72	6.5	7.1	6.1	5.3	6.0	7.4	6.4
*RAPTOR 4LS (PPG-TF 433)	76	6.6	7.2	6.1	5.2	5.9	7.3	6.4
SETF 409	66	6.7	7.2	6.1	5.2	5.9	7.3	6.4
*DYNAMITE 2G-LS (PPG-TF 404)	75	6.6	7.2	6.1	5.2	5.9	7.3	6.4
DLF-TF-3867	7	6.5	7.1	6.1	5.2	5.9	7.3	6.3
21CEG1	61	6.4	7.0	6.1	5.2	6.0	7.4	6.3
PPG-TF 541	81	6.4	7.0	6.0	5.2	5.9	7.3	6.3
22LGT2	68	6.6	7.1	6.0	5.1	5.8	7.2	6.3
PPG-TF 475	70	6.3	7.0	6.1	5.2	6.0	7.4	6.3
NAI-21GPS2	30	6.3	7.0	6.0	5.1	6.0	7.4	6.3
LTP-SPP	5	6.3	7.0	6.0	5.1	5.9	7.3	6.3
PPG-TF 403	57	6.4	7.0	6.0	5.1	5.9	7.3	6.3

TABLE 1.
(CONT'D)

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2025 DATA

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

NAME	ENTRY #	NJ1	NJ2	IN1	MN1	VA1	MD1	MEAN
DLF-TF-3869	9	6.2	6.9	6.0	5.1	6.0	7.4	6.3
PST-5LSM	89	5.9	6.6	5.6	4.7	5.5	6.9	6.3
BY-GLS1	3	6.3	6.9	6.0	5.1	5.9	7.3	6.2
PPG-TF 405	59	6.5	7.0	6.0	5.1	5.8	7.1	6.2
PPG-TF 477	80	6.2	6.9	6.0	5.1	5.9	7.3	6.2
DLF-TF-3876	13	6.3	7.0	6.0	5.1	5.8	7.2	6.2
*ENDGAME	50	6.4	7.0	5.9	5.1	5.8	7.2	6.2
DLF-TF-3874	11	6.5	7.0	5.9	5.0	5.8	7.1	6.2
*GRIDIRON	52	6.3	6.9	5.9	5.0	5.8	7.2	6.2
*EL CAMINO	36	6.2	6.9	5.9	5.0	5.8	7.2	6.2
*BULLSEYE LTZ	37	6.1	6.8	5.9	5.0	5.9	7.3	6.2
PPG-TF 540	79	6.2	6.8	5.9	5.0	5.8	7.2	6.1
PPG-TF 504	54	6.1	6.8	5.9	5.0	5.8	7.2	6.1
DLF-TF-3873	22	6.3	6.9	5.9	5.0	5.7	7.1	6.1
NAI-LGT1	28	5.9	6.7	5.9	5.0	5.9	7.3	6.1
*CAPITAN	15	6.2	6.8	5.8	5.0	5.7	7.1	6.1
NAI-HEG9	27	5.8	6.6	5.8	4.9	5.8	7.2	6.0
*XANADU	104	5.7	6.4	5.6	4.7	5.5	7.0	6.0
DLF-TF-3868	8	6.0	6.7	5.8	4.9	5.7	7.1	6.0
DLF-TF-3870	10	5.8	6.6	5.8	4.9	5.8	7.2	6.0
*DAYBREAK	100	5.6	6.4	5.6	4.8	5.6	7.1	6.0
*SUPERSONIC 2GL (PPG-TF 493)	77	6.0	6.7	5.8	4.9	5.7	7.1	6.0
DLF-TF-3872	21	5.9	6.7	5.8	4.9	5.7	7.1	6.0
BY-GLS4	4	5.9	6.6	5.7	4.9	5.7	7.1	6.0
DLF-TF-3875	12	6.0	6.7	5.7	4.8	5.6	7.1	6.0
DLF-TF-3844	47	5.7	6.5	5.7	4.8	5.7	7.1	5.9
*BATTLE HAWK	20	5.7	6.5	5.7	4.8	5.6	7.1	5.9
DLF-TF-3880	48	5.4	6.3	5.6	4.7	5.7	7.1	5.8
*FIREHAWK SLT	34	5.3	6.2	5.5	4.7	5.6	7.1	5.7
*DRAGSTER	35	5.2	6.2	5.5	4.7	5.6	7.1	5.7
*PADRE 2	49	5.3	6.2	5.5	4.6	5.6	7.0	5.7
GO-BPTF-T	42	5.4	6.3	5.5	4.6	5.5	7.0	5.7
NAI-2413	29	5.4	6.2	5.5	4.6	5.5	6.9	5.7
GO-SH19	40	5.0	6.0	5.4	4.6	5.6	7.1	5.6
*BONFIRE	105	5.2	6.1	5.3	4.5	5.4	6.8	5.6
PST-RSWG	96	5.1	6.1	5.5	4.6	5.6	7.1	5.6
*RAPTOR III	44	4.9	6.0	5.4	4.6	5.6	7.1	5.6
NAI-SOTF	39	4.9	6.0	5.4	4.5	5.5	7.0	5.6
NAI-BNTB	26	5.1	6.0	5.3	4.5	5.4	6.9	5.6
GO-TETF	41	4.9	5.9	5.3	4.4	5.4	6.9	5.5

TABLE 1.
(CONT'D)

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2025 DATA

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

NAME	ENTRY #	NJ1	NJ2	IN1	MN1	VA1	MD1	MEAN
RAD-TF134	85	5.0	6.0	5.3	4.4	5.4	6.9	5.5
PST-5DFD	92	5.0	6.0	5.3	4.5	5.4	6.9	5.5
PST-5CHW2	99	4.9	6.0	5.4	4.5	5.5	7.0	5.4
PST-5EBP	97	4.8	5.9	5.3	4.5	5.5	7.0	5.4
SMG-TF24	23	4.8	5.8	5.2	4.3	5.3	6.8	5.4
SETFT3	1	4.5	5.7	5.1	4.3	5.3	6.9	5.3
PST-5CHR	98	4.8	5.8	5.2	4.3	5.3	6.8	5.3
PST-5LOD	91	4.7	5.8	5.2	4.3	5.3	6.9	5.2
*BRAVO 2	51	4.3	5.5	5.0	4.2	5.3	6.8	5.2
PST-5CHWM	90	4.6	5.8	5.2	4.4	5.5	7.0	5.2
PST-R5HD6	95	4.5	5.6	5.1	4.2	5.3	6.8	5.1
*ATLAS	31	4.0	5.3	4.9	4.1	5.2	6.7	5.0
*KNOX	94	4.5	5.6	5.0	4.2	5.2	6.7	5.0
*PRO GOLD	17	4.1	5.3	4.9	4.0	5.1	6.6	5.0
*GLX STAR	93	4.1	5.4	5.0	4.2	5.3	6.9	4.8
*TOP SHELF	33	3.3	4.8	4.6	3.8	5.0	6.6	4.7
24FE7105	103	4.1	5.2	4.7	3.9	4.9	6.5	4.7
RAD-TF147	87	4.0	5.2	4.8	4.0	5.1	6.6	4.6
RAD-TF146	86	3.9	5.2	4.7	3.9	5.0	6.5	4.5
ATF1832	18	3.1	4.6	4.4	3.6	4.8	6.4	4.5
*REJUVENATE	2	3.2	4.6	4.4	3.6	4.8	6.4	4.5
BAR FA 412	102	3.8	5.1	4.8	4.0	5.1	6.7	4.4
*EASY GREEN	108	3.7	5.1	4.8	3.9	5.1	6.7	4.4
*PRIMO	32	2.7	4.4	4.3	3.5	4.8	6.5	4.4
BAR FA 408	101	3.7	5.1	4.8	3.9	5.1	6.7	4.4
*REBEL XPEDITION	19	2.8	4.4	4.2	3.4	4.7	6.3	4.3
RAD-TF136	88	3.5	4.9	4.5	3.7	4.8	6.4	4.2
*KY-31	16	0.5	2.6	2.8	2.1	3.6	5.4	2.8
LSD VALUE		0.9	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)		10.3	9.0	10.3	12.2	10.3	8.2	10.0

* COMMERCIALY AVAILABLE IN THE USA IN 2026

** ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF

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 2.

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2025 DATA

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

NAME	ENTRY #	KS1	NE1	TN1	OK1	NC1	MEAN
PPG-TF 505	107	8.7	6.8	5.7	5.8	4.5	7.8
PPG-TF 499	106	8.6	6.7	5.6	5.7	4.4	7.7
BGT2	84	8.5	6.6	5.5	5.6	4.3	7.6
23HEG7	83	8.5	6.6	5.5	5.6	4.3	7.5
PST-R5WG	96	8.4	6.5	5.4	5.6	4.3	7.5
DAYBREAK	100	8.4	6.5	5.4	5.5	4.2	7.5
PST-5CHWM	90	8.4	6.5	5.4	5.5	4.2	7.4
PST-5CHW2	99	8.4	6.5	5.4	5.5	4.2	7.4
PST-5EBP	97	8.3	6.4	5.3	5.5	4.2	7.4
XANADU	104	8.3	6.4	5.3	5.4	4.1	7.3
GLX STAR	93	8.3	6.4	5.3	5.4	4.1	7.3
PST-5DFD	92	8.3	6.4	5.3	5.4	4.1	7.3
PST-5LOD	91	8.2	6.3	5.2	5.4	4.1	7.3
RAD-TF134	85	8.2	6.3	5.2	5.3	4.0	7.3
PST-R5HD6	95	8.2	6.3	5.2	5.3	4.0	7.2
BAR FA 408	101	8.2	6.3	5.2	5.3	4.0	7.2
PST-5CHR	98	8.2	6.3	5.2	5.3	4.0	7.2
PST-5LSM	89	8.2	6.2	5.1	5.3	4.0	7.2
BONFIRE	105	8.2	6.2	5.1	5.3	4.0	7.2
EASY GREEN	108	8.1	6.2	5.1	5.3	4.0	7.2
BAR FA 412	102	8.1	6.2	5.1	5.3	4.0	7.2
KNOX	94	8.1	6.2	5.1	5.2	4.0	7.2
RAD-TF147	87	8.0	6.1	5.0	5.2	3.9	7.1
RAD-TF146	86	8.0	6.1	5.0	5.1	3.8	7.0
24FE7105	103	7.9	6.0	4.9	5.0	3.7	6.9
RAD-TF136	88	7.8	6.0	4.9	5.0	3.7	6.9
VALKYRIE 2LS (PPG-TF 402)	74	8.8	6.8	5.7	5.8	4.5	6.3
PPG-TF 435	63	8.8	6.8	5.7	5.8	4.5	6.3
TORINO	38	8.7	6.8	5.7	5.8	4.5	6.3
PPG-TF 507	55	8.7	6.8	5.7	5.8	4.5	6.3
PPG-TF 475	70	8.7	6.8	5.7	5.8	4.5	6.3
SPYDER 3LS (PPG-TF 399)	73	8.7	6.8	5.7	5.8	4.5	6.3
DLF-TF-3869	9	8.7	6.8	5.6	5.8	4.5	6.3
PPG-TF 503	72	8.7	6.7	5.6	5.8	4.5	6.3
PPG-TF 500	64	8.7	6.7	5.6	5.8	4.5	6.3
NAI-21GPS2	30	8.7	6.7	5.6	5.8	4.5	6.2
PPG-TF 497	53	8.7	6.7	5.6	5.7	4.4	6.2
PPG-TF 427	82	8.7	6.7	5.6	5.7	4.4	6.2
23JWL	67	8.7	6.7	5.6	5.7	4.4	6.2
PPG-TF 508	56	8.7	6.7	5.6	5.7	4.4	6.2
21CEG1	61	8.6	6.7	5.6	5.7	4.4	6.2

TABLE 2.
(CONT'D)

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2025 DATA

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

NAME	ENTRY #	KS1	NE1	TN1	OK1	NC1	MEAN
FIRECRACKER 2G-LS (PPG-TF 538)	78	8.7	6.7	5.6	5.7	4.4	6.2
NAI-CEG2	24	8.6	6.7	5.6	5.7	4.4	6.2
LTP-GTM	45	8.6	6.7	5.6	5.7	4.4	6.2
GET 21	46	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 506	60	8.6	6.7	5.6	5.7	4.4	6.2
NAI-LGT1	28	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 422	62	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 440	43	8.6	6.7	5.6	5.7	4.4	6.2
BULLSEYE LTZ	37	8.6	6.7	5.6	5.7	4.4	6.2
DLF-TF-3867	7	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 477	80	8.6	6.7	5.6	5.7	4.4	6.2
LTP-SPP	5	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 498	58	8.6	6.7	5.6	5.7	4.4	6.2
PPG-TF 541	81	8.6	6.7	5.6	5.7	4.4	6.2
DLF-TF-3877	14	8.6	6.6	5.5	5.7	4.4	6.2
VALIANT (PPG-TF 437)	69	8.6	6.6	5.5	5.7	4.4	6.2
NAI-HEG9	27	8.6	6.6	5.5	5.7	4.4	6.2
RAPTOR 4LS (PPG-TF 433)	76	8.6	6.6	5.5	5.7	4.4	6.1
DLF-TF-3870	10	8.6	6.6	5.5	5.7	4.4	6.1
PVP-LOLA	6	8.6	6.6	5.5	5.6	4.3	6.1
21GPS7	65	8.6	6.6	5.5	5.6	4.3	6.1
BY-GLS1	3	8.5	6.6	5.5	5.6	4.3	6.1
PPG-TF 403	57	8.5	6.6	5.5	5.6	4.3	6.1
PPG-TF 504	54	8.5	6.6	5.5	5.6	4.3	6.1
DYNAMITE 2G-LS (PPG-TF 404)	75	8.5	6.6	5.5	5.6	4.3	6.1
SETF 409	66	8.5	6.6	5.5	5.6	4.3	6.1
DRAGSTER	35	8.5	6.6	5.5	5.6	4.3	6.1
PPG-TF 539	71	8.5	6.6	5.5	5.6	4.3	6.1
EL CAMINO	36	8.5	6.6	5.5	5.6	4.3	6.1
DLF-TF-3876	13	8.5	6.6	5.5	5.6	4.3	6.1
DLF-TF-3880	48	8.5	6.6	5.5	5.6	4.3	6.1
PPG-TF 540	79	8.5	6.5	5.4	5.6	4.3	6.1
RAPTOR III	44	8.4	6.5	5.4	5.6	4.3	6.1
22LGT2	68	8.5	6.5	5.4	5.6	4.3	6.1
FIREHAWK SLT	34	8.4	6.5	5.4	5.6	4.3	6.0
GO-SH19	40	8.4	6.5	5.4	5.6	4.3	6.0
DLF-TF-3844	47	8.5	6.5	5.4	5.6	4.3	6.0
BY-GLS4	4	8.4	6.5	5.4	5.5	4.2	6.0
ENDGAME	50	8.5	6.5	5.4	5.5	4.2	6.0
GRIDIRON	52	8.4	6.5	5.4	5.5	4.2	6.0

TABLE 2.
(CONT'D)

TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2025 DATA

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

NAME	ENTRY #	KS1	NE1	TN1	OK1	NC1	MEAN
DLF-TF-3872	21	8.4	6.5	5.4	5.5	4.2	6.0
DLF-TF-3868	8	8.4	6.5	5.4	5.5	4.2	6.0
NAI-SOTF	39	8.4	6.5	5.4	5.5	4.2	6.0
NAI-GLW3	25	8.4	6.5	5.4	5.5	4.2	6.0
CAPITAN	15	8.4	6.5	5.4	5.5	4.2	6.0
PADRE 2	49	8.4	6.5	5.4	5.5	4.2	6.0
SUPERSONIC 2GL (PPG-TF 493)	77	8.4	6.5	5.4	5.5	4.2	6.0
BATTLE HAWK	20	8.4	6.5	5.4	5.5	4.2	6.0
PPG-TF 405	59	8.4	6.5	5.3	5.5	4.2	6.0
DLF-TF-3874	11	8.4	6.4	5.3	5.5	4.2	6.0
DLF-TF-3873	22	8.4	6.4	5.3	5.4	4.1	5.9
DLF-TF-3875	12	8.4	6.4	5.3	5.4	4.1	5.9
GO-BPTF-T	42	8.3	6.4	5.3	5.4	4.1	5.9
GO-TETF	41	8.3	6.4	5.3	5.4	4.1	5.9
NAI-BNTB	26	8.3	6.4	5.3	5.4	4.1	5.9
NAI-2413	29	8.3	6.3	5.2	5.4	4.1	5.9
SETFT3	1	8.2	6.3	5.2	5.4	4.1	5.9
BRAVO 2	51	8.2	6.3	5.2	5.4	4.1	5.8
ATLAS	31	8.1	6.2	5.1	5.3	4.0	5.8
SMG-TF24	23	8.1	6.2	5.1	5.3	4.0	5.7
TOP SHELF	33	8.1	6.2	5.1	5.2	4.0	5.7
PRO GOLD	17	8.0	6.1	5.0	5.2	3.9	5.7
PRIMO	32	8.0	6.1	5.0	5.2	3.9	5.6
ATF1832	18	7.9	6.0	4.9	5.1	3.8	5.6
REBEL XPEDITION	19	7.8	6.0	4.9	5.0	3.7	5.5
REJUVENATE	2	7.8	6.0	4.9	5.0	3.7	5.5
KY-31	16	6.9	5.1	4.0	4.2	2.9	4.6
LSD VALUE		0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)		6.9	9.0	10.8	10.6	13.8	9.2

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- 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 3. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	ENTRY #	KS3	OR1	MS1	MEAN
TORINO	38	6.7	6.5	4.0	5.8
VALKYRIE 2LS (PPG-TF 402)	74	6.7	6.5	4.0	5.7
DLF-TF-3869	9	6.7	6.5	4.0	5.7
PPG-TF 475	70	6.7	6.5	4.0	5.7
PPG-TF 505	107	6.7	6.5	4.0	5.7
PPG-TF 507	55	6.7	6.5	4.0	5.7
NAI-21GPS2	30	6.6	6.5	4.0	5.7
PPG-TF 435	63	6.7	6.5	4.0	5.7
PPG-TF 503	72	6.6	6.5	4.0	5.7
NAI-LGT1	28	6.6	6.5	4.0	5.7
PPG-TF 499	106	6.6	6.5	4.0	5.7
SPYDER 3LS (PPG-TF 399)	73	6.6	6.5	3.9	5.7
BULLSEYE LTZ	37	6.6	6.5	4.0	5.7
PPG-TF 500	64	6.6	6.4	3.9	5.7
DRAGSTER	35	6.6	6.4	4.0	5.7
21CEG1	61	6.6	6.4	3.9	5.7
NAI-HEG9	27	6.6	6.4	3.9	5.7
DLF-TF-3870	10	6.6	6.4	3.9	5.7
RAPTOR III	44	6.6	6.4	3.9	5.7
PPG-TF 477	80	6.6	6.4	3.9	5.6
PST-R5WG	96	6.6	6.4	3.9	5.6
PPG-TF 427	82	6.6	6.4	3.9	5.6
GO-SH19	40	6.6	6.4	3.9	5.6
LTP-SPP	5	6.6	6.4	3.9	5.6
23JWL	67	6.6	6.4	3.9	5.6
DLF-TF-3867	7	6.6	6.4	3.9	5.6
PST-5CHWM	90	6.5	6.4	3.9	5.6
PPG-TF 506	60	6.6	6.4	3.9	5.6
PPG-TF 497	53	6.6	6.4	3.9	5.6
DLF-TF-3880	48	6.5	6.4	3.9	5.6
NAI-CEG2	24	6.6	6.4	3.9	5.6
PPG-TF 541	81	6.6	6.4	3.9	5.6
PPG-TF 440	43	6.5	6.4	3.9	5.6
GET 21	46	6.5	6.4	3.9	5.6
FIREHAWK SLT	34	6.5	6.4	3.9	5.6
LTP-GTM	45	6.5	6.4	3.9	5.6
FIRECRACKER 2G-LS (PPG-TF 538)	78	6.5	6.4	3.9	5.6
PPG-TF 422	62	6.5	6.4	3.9	5.6
PPG-TF 508	56	6.5	6.4	3.9	5.6
PPG-TF 504	54	6.5	6.4	3.9	5.6

TABLE 3. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2025 DATA

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

NAME	ENTRY #	KS3	OR1	MS1	MEAN
NAI-SOTF	39	6.5	6.4	3.9	5.6
PST-5CHW2	99	6.5	6.4	3.9	5.6
GLX STAR	93	6.5	6.4	3.9	5.6
BY-GLS1	3	6.5	6.3	3.8	5.6
23HEG7	83	6.5	6.3	3.8	5.6
PPG-TF 498	58	6.5	6.3	3.8	5.6
PPG-TF 403	57	6.5	6.3	3.8	5.6
RAPTOR 4LS (PPG-TF 433)	76	6.5	6.3	3.8	5.6
DLF-TF-3877	14	6.5	6.3	3.8	5.5
PST-5EBP	97	6.5	6.3	3.8	5.5
DLF-TF-3844	47	6.5	6.3	3.8	5.5
PVP-LOLA	6	6.5	6.3	3.8	5.5
VALIANT (PPG-TF 437)	69	6.5	6.3	3.8	5.5
EL CAMINO	36	6.5	6.3	3.8	5.5
DAYBREAK	100	6.5	6.3	3.8	5.5
PADRE 2	49	6.5	6.3	3.8	5.5
21GPS7	65	6.5	6.3	3.8	5.5
PPG-TF 540	79	6.5	6.3	3.8	5.5
BY-GLS4	4	6.4	6.3	3.8	5.5
BAR FA 408	101	6.4	6.3	3.8	5.5
DLF-TF-3876	13	6.4	6.3	3.8	5.5
DYNAMITE 2G-LS (PPG-TF 404)	75	6.4	6.3	3.8	5.5
BGT2	84	6.4	6.3	3.8	5.5
BRAVO 2	51	6.4	6.3	3.8	5.5
DLF-TF-3872	21	6.4	6.3	3.8	5.5
SETF 409	66	6.4	6.3	3.8	5.5
SETFT3	1	6.4	6.3	3.8	5.5
BATTLE HAWK	20	6.4	6.3	3.8	5.5
TOP SHELF	33	6.4	6.2	3.8	5.5
GO-TETF	41	6.4	6.2	3.7	5.5
GRIDIRON	52	6.4	6.2	3.7	5.5
22LGT2	68	6.4	6.2	3.7	5.5
EASY GREEN	108	6.4	6.2	3.8	5.5
DLF-TF-3868	8	6.4	6.2	3.7	5.4
BAR FA 412	102	6.4	6.2	3.8	5.4
ENDGAME	50	6.4	6.2	3.7	5.4
SUPERSONIC 2GL (PPG-TF 493)	77	6.4	6.2	3.7	5.4
PRIMO	32	6.3	6.2	3.8	5.4
PST-5DFD	92	6.4	6.2	3.7	5.4
PST-5LOD	91	6.4	6.2	3.7	5.4

TABLE 3. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2025 DATA

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

NAME	ENTRY #	KS3	OR1	MS1	MEAN
PPG-TF 539	71	6.4	6.2	3.7	5.4
ATLAS	31	6.3	6.2	3.7	5.4
NAI-BNTB	26	6.4	6.2	3.7	5.4
CAPITAN	15	6.4	6.2	3.7	5.4
GO-BPTF-T	42	6.3	6.2	3.7	5.4
PST-R5HD6	95	6.3	6.2	3.7	5.4
DLF-TF-3875	12	6.3	6.2	3.7	5.4
NAI-2413	29	6.3	6.2	3.7	5.4
RAD-TF134	85	6.3	6.2	3.7	5.4
PPG-TF 405	59	6.3	6.2	3.6	5.4
XANADU	104	6.3	6.2	3.7	5.4
PST-5CHR	98	6.3	6.1	3.7	5.4
DLF-TF-3874	11	6.3	6.1	3.6	5.4
DLF-TF-3873	22	6.3	6.1	3.6	5.4
KNOX	94	6.3	6.1	3.6	5.3
NAI-GLW3	25	6.3	6.1	3.6	5.3
SMG-TF24	23	6.2	6.1	3.6	5.3
PRO GOLD	17	6.2	6.1	3.6	5.3
RAD-TF147	87	6.2	6.1	3.6	5.3
ATF1832	18	6.2	6.1	3.6	5.3
BONFIRE	105	6.2	6.1	3.6	5.3
REBEL XPEDITION	19	6.2	6.0	3.6	5.3
RAD-TF146	86	6.2	6.0	3.5	5.2
PST-5LSM	89	6.1	6.0	3.5	5.2
REJUVENATE	2	6.1	6.0	3.5	5.2
RAD-TF136	88	6.1	6.0	3.5	5.2
24FE7105	103	6.0	5.9	3.4	5.1
KY-31	16	5.5	5.4	2.9	4.6
LSD VALUE		0.9	0.9	0.9	0.9
C.V. (%)		9.1	9.3	15.4	10.6

* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF

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. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2025 DATA

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

NAME	ENTRY #	OH1	CT1	GA1	MEAN
DLF-TF-3869	9	6.2	7.1	7.9	7.1
PPG-TF 475	70	6.2	7.1	7.9	7.1
TORINO	38	6.2	7.0	7.9	7.0
RAPTOR III	44	6.1	7.1	7.9	7.0
DRAGSTER	35	6.1	7.0	7.9	7.0
PST-5CHWM	90	6.1	7.0	7.9	7.0
NAI-LGT1	28	6.1	7.0	7.9	7.0
VALKYRIE 2LS (PPG-TF 402)	74	6.1	7.0	7.9	7.0
GLX STAR	93	6.1	7.0	7.9	7.0
PST-R5WG	96	6.1	7.0	7.9	7.0
GO-SH19	40	6.1	7.0	7.9	7.0
NAI-21GPS2	30	6.1	7.0	7.9	7.0
PPG-TF 505	107	6.1	7.0	7.9	7.0
PPG-TF 507	55	6.1	7.0	7.9	7.0
PPG-TF 503	72	6.1	7.0	7.9	7.0
BULLSEYE LTZ	37	6.1	7.0	7.9	7.0
DLF-TF-3870	10	6.1	7.0	7.9	7.0
NAI-HEG9	27	6.1	7.0	7.9	7.0
BAR FA 408	101	6.0	7.0	7.9	7.0
PPG-TF 499	106	6.1	7.0	7.9	7.0
DLF-TF-3880	48	6.1	7.0	7.9	7.0
PRIMO	32	6.0	7.0	7.9	7.0
FIREHAWK SLT	34	6.1	7.0	7.9	7.0
PST-5CHW2	99	6.0	7.0	7.9	7.0
NAI-SOTF	39	6.0	7.0	7.9	7.0
PPG-TF 477	80	6.1	7.0	7.8	6.9
21CEG1	61	6.1	7.0	7.8	6.9
PPG-TF 435	63	6.1	6.9	7.8	6.9
TOP SHELF	33	6.0	7.0	7.9	6.9
PPG-TF 500	64	6.1	6.9	7.8	6.9
PST-5EBP	97	6.0	6.9	7.8	6.9
SPYDER 3LS (PPG-TF 399)	73	6.0	6.9	7.8	6.9
LTP-SPP	5	6.0	6.9	7.8	6.9
BRAVO 2	51	6.0	6.9	7.8	6.9
EASY GREEN	108	6.0	6.9	7.8	6.9
BAR FA 412	102	6.0	6.9	7.8	6.9
DLF-TF-3867	7	6.0	6.9	7.8	6.9
PPG-TF 541	81	6.0	6.9	7.8	6.9
PPG-TF 427	82	6.0	6.9	7.8	6.9
PPG-TF 506	60	6.0	6.9	7.8	6.9

TABLE 4. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2025 DATA

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

NAME	ENTRY #	OH1	CT1	GA1	MEAN
23JWL	67	6.0	6.9	7.8	6.9
PPG-TF 504	54	6.0	6.9	7.8	6.9
SETFT3	1	6.0	6.9	7.8	6.9
PADRE 2	49	6.0	6.9	7.8	6.9
NAI-CEG2	24	6.0	6.9	7.8	6.9
DLF-TF-3844	47	6.0	6.9	7.8	6.9
PPG-TF 440	43	6.0	6.9	7.7	6.9
ATLAS	31	5.9	6.9	7.8	6.9
PPG-TF 497	53	6.0	6.9	7.7	6.9
23HEG7	83	6.0	6.9	7.7	6.9
GET 21	46	6.0	6.9	7.7	6.9
DAYBREAK	100	6.0	6.9	7.7	6.9
BY-GLS1	3	6.0	6.9	7.7	6.9
LTP-GTM	45	6.0	6.9	7.7	6.9
PPG-TF 422	62	6.0	6.8	7.7	6.8
FIRECRACKER 2G-LS (PPG-TF 538)	78	6.0	6.8	7.7	6.8
PPG-TF 403	57	6.0	6.8	7.7	6.8
PST-5LOD	91	5.9	6.8	7.7	6.8
GO-TETF	41	5.9	6.8	7.7	6.8
PPG-TF 508	56	6.0	6.8	7.7	6.8
BY-GLS4	4	5.9	6.8	7.7	6.8
EL CAMINO	36	5.9	6.8	7.7	6.8
RAPTOR 4LS (PPG-TF 433)	76	5.9	6.8	7.7	6.8
PST-5DFD	92	5.9	6.8	7.7	6.8
PPG-TF 540	79	5.9	6.8	7.7	6.8
PST-R5HD6	95	5.9	6.8	7.7	6.8
PPG-TF 498	58	5.9	6.8	7.7	6.8
DLF-TF-3877	14	5.9	6.8	7.7	6.8
PVP-LOLA	6	5.9	6.8	7.7	6.8
DLF-TF-3872	21	5.9	6.8	7.7	6.8
ATF1832	18	5.9	6.8	7.7	6.8
NAI-BNTB	26	5.9	6.8	7.7	6.8
BATTLE HAWK	20	5.9	6.8	7.7	6.8
DLF-TF-3876	13	5.9	6.8	7.7	6.8
VALIANT (PPG-TF 437)	69	5.9	6.8	7.7	6.8
21GPS7	65	5.9	6.8	7.6	6.8
DYNAMITE 2G-LS (PPG-TF 404)	75	5.9	6.8	7.6	6.8
REBEL XPEDITION	19	5.8	6.8	7.7	6.8
GO-BPTF-T	42	5.9	6.8	7.6	6.8
BGT2	84	5.9	6.8	7.6	6.8

TABLE 4. TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2025 DATA

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

NAME	ENTRY #	OH1	CT1	GA1	MEAN
SUPERSONIC 2GL (PPG-TF 493)	77	5.9	6.8	7.6	6.7
DLF-TF-3868	8	5.9	6.8	7.6	6.7
SETF 409	66	5.9	6.7	7.6	6.7
PST-5CHR	98	5.8	6.8	7.6	6.7
RAD-TF134	85	5.8	6.8	7.6	6.7
RAD-TF147	87	5.8	6.8	7.6	6.7
KNOX	94	5.8	6.8	7.6	6.7
GRIDIRON	52	5.8	6.7	7.6	6.7
NAI-2413	29	5.8	6.7	7.6	6.7
PRO GOLD	17	5.8	6.7	7.6	6.7
ENDGAME	50	5.8	6.7	7.6	6.7
22LGT2	68	5.8	6.7	7.6	6.7
CAPITAN	15	5.8	6.7	7.6	6.7
SMG-TF24	23	5.8	6.7	7.6	6.7
DLF-TF-3875	12	5.8	6.7	7.6	6.7
XANADU	104	5.8	6.7	7.6	6.7
PPG-TF 539	71	5.8	6.7	7.6	6.7
REJUVENATE	2	5.7	6.7	7.6	6.7
RAD-TF146	86	5.7	6.7	7.6	6.7
BONFIRE	105	5.7	6.7	7.5	6.6
PPG-TF 405	59	5.8	6.6	7.5	6.6
DLF-TF-3873	22	5.7	6.6	7.5	6.6
DLF-TF-3874	11	5.7	6.6	7.5	6.6
RAD-TF136	88	5.7	6.6	7.5	6.6
NAI-GLW3	25	5.7	6.6	7.4	6.6
24FE7105	103	5.6	6.5	7.4	6.5
PST-5LSM	89	5.6	6.5	7.4	6.5
KY-31	16	5.2	6.2	7.1	6.2
LSD VALUE		0.9	0.9	0.9	0.9
C.V. (%)		9.8	8.5	7.5	8.5

* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF

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 TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2025 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												MEAN
	CT1	GA1	KS1	KS3	NC1	NE1	NJ1	NJ2	OH1	OK1	OR1	TN1	
PPG-TF 505	7.0	8.0	8.5	6.5	5.2	6.5	7.0	7.5	6.8	5.8	6.1	5.7	6.7
PPG-TF 435	7.0	8.0	8.6	6.3	5.7	6.7	7.3	7.3	5.6	6.0	6.8	5.2	6.7
PPG-TF 500	6.8	7.7	8.6	6.5	4.8	6.6	7.0	7.1	6.5	5.8	6.4	6.0	6.7
VALKYRIE 2LS (PPG-TF 402)	7.1	7.7	8.6	6.3	4.5	6.8	6.3	7.6	6.7	5.8	6.3	6.4	6.7
LTP-GTM	6.8	7.7	8.5	6.5	5.6	6.5	7.0	7.4	5.4	6.2	6.3	5.7	6.6
PPG-TF 507	7.0	8.0	8.6	6.5	5.1	6.8	6.7	7.3	6.1	5.6	5.8	6.2	6.6
NAI-21GPS2	6.8	8.0	8.5	6.7	5.5	6.3	6.1	7.3	5.7	6.1	6.3	6.3	6.6
PPG-TF 427	6.8	7.7	8.6	6.5	4.6	6.9	6.9	7.1	6.3	5.9	6.7	5.4	6.6
NAI-CEG2	6.8	8.0	8.5	6.4	5.3	6.8	7.0	7.3	6.0	5.6	6.1	5.6	6.6
23JWL	6.7	7.0	8.6	6.9	5.3	6.7	7.0	6.6	6.3	5.6	6.5	6.0	6.6
PPG-TF 498	7.0	7.7	8.5	6.7	4.2	6.6	7.0	7.6	5.8	5.3	6.4	6.3	6.6
DLF-TF-3869	6.7	8.0	8.5	6.8	5.1	6.8	6.0	7.1	6.2	6.0	6.3	5.4	6.6
SPYDER 3LS (PPG-TF 399)	6.9	8.0	8.5	6.6	4.1	6.8	6.8	7.4	6.1	5.8	6.3	5.7	6.6
GET 21	6.9	7.7	8.6	6.3	5.6	6.7	6.7	7.4	5.3	5.9	6.2	5.7	6.6
FIRECRACKER 2G-LS (PPG-TF 538)	6.9	8.0	8.6	6.2	4.4	6.6	7.1	7.2	6.0	5.9	6.4	5.5	6.6
TORINO	6.7	8.0	8.7	6.8	4.5	6.6	6.3	7.0	6.4	5.5	6.3	6.0	6.6
PPG-TF 499	6.7	8.0	8.6	6.8	4.5	6.7	6.4	6.9	6.3	5.6	6.3	6.1	6.6
DLF-TF-3877	6.7	8.0	8.5	6.5	4.7	6.7	7.1	6.9	6.1	5.6	6.4	5.6	6.6
21CEG1	6.9	7.3	8.6	6.4	5.3	6.3	6.1	7.4	6.3	5.6	6.8	5.5	6.5
PPG-TF 497	6.8	7.7	8.6	6.5	3.5	6.6	6.9	7.3	6.2	6.1	6.5	5.9	6.5
SETF 409	6.9	7.3	8.6	6.1	4.5	6.8	7.0	6.8	5.8	5.7	6.7	6.1	6.5
PPG-TF 440	7.1	8.0	8.6	6.4	4.2	6.8	6.7	7.2	5.6	5.5	6.5	5.7	6.5
PPG-TF 503	7.0	7.7	8.5	6.0	5.1	6.4	6.2	7.2	6.1	5.7	6.3	6.2	6.5
PPG-TF 541	6.7	8.0	8.5	6.5	4.4	6.6	6.4	7.2	5.7	5.9	6.5	5.9	6.5
21GPS7	6.8	7.7	8.6	6.5	3.6	6.9	7.1	7.3	6.1	5.5	6.3	5.9	6.5
VALIANT (PPG-TF 437)	6.7	7.7	8.6	6.4	4.0	6.7	6.7	7.6	6.5	5.6	6.5	5.2	6.5
PPG-TF 475	7.0	7.7	8.6	6.6	4.5	6.9	6.2	6.8	6.4	5.6	6.6	5.3	6.5
PPG-TF 422	6.9	8.0	8.6	6.3	4.4	6.9	6.7	7.4	5.8	5.5	6.5	5.1	6.5
NAI-LGT1	6.9	8.0	8.5	6.3	4.4	6.7	5.9	6.9	6.0	6.0	6.8	5.7	6.5
BULLSEYE LTZ	6.8	8.0	8.6	7.1	4.7	6.4	6.2	6.8	6.1	5.4	6.4	5.6	6.5
PPG-TF 403	6.9	7.3	8.5	6.7	4.6	6.5	6.5	7.2	6.3	5.6	6.5	5.4	6.5
DLF-TF-3867	6.6	7.7	8.6	6.5	5.8	6.3	6.4	6.9	6.3	5.7	6.2	5.1	6.5
RAPTOR 4LS (PPG-TF 433)	7.0	7.7	8.6	6.5	4.9	6.5	6.3	7.4	5.8	6.1	6.0	5.1	6.5
PPG-TF 508	7.0	8.0	8.6	6.4	3.9	6.9	6.7	7.5	5.7	5.3	6.6	5.2	6.5
PPG-TF 539	7.0	7.7	8.6	7.0	3.4	6.2	7.4	7.3	5.7	6.0	6.1	5.3	6.5
PPG-TF 477	7.0	8.0	8.5	6.5	4.4	6.8	6.8	5.9	6.7	5.6	6.3	5.1	6.5
PPG-TF 506	6.7	7.7	8.5	6.9	3.8	6.6	6.8	6.6	5.9	5.9	6.5	5.7	6.5
PVP-LOLA	6.7	8.0	8.6	6.3	4.0	6.2	6.4	7.6	6.1	6.0	6.1	5.6	6.5
BGT2	6.8	7.7	8.6	6.3	4.5	6.4	6.6	7.3	6.0	5.9	6.2	5.0	6.4
DYNAMITE 2G-LS (PPG-TF 404)	6.9	7.7	8.6	6.4	4.2	6.5	6.7	7.1	5.9	5.6	6.2	5.6	6.4
LTP-SPP	6.9	8.0	8.6	6.8	4.1	6.6	5.8	7.4	5.8	5.3	6.2	5.7	6.4
EL CAMINO	6.8	7.7	8.6	6.8	4.4	6.9	6.3	6.8	5.7	5.4	6.6	5.1	6.4
BY-GLS1	7.0	7.7	8.5	6.9	4.5	6.2	6.3	6.9	5.4	5.7	6.2	5.7	6.4
PPG-TF 540	6.4	8.0	8.5	6.3	5.0	6.3	6.9	6.1	6.0	5.8	6.3	5.4	6.4

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
NAME	CT1	GA1	KS1	KS3	NC1	NE1	NJ1	NJ2	OH1	OK1	OR1	TN1	MEAN
PPG-TF 504	7.0	7.7	8.3	6.7	3.6	6.7	6.1	6.8	5.5	6.1	6.7	5.7	6.4
23HEG7	6.7	7.7	8.6	6.2	5.5	6.6	6.1	6.5	5.8	5.8	6.3	4.9	6.4
DLF-TF-3876	6.6	7.7	8.7	6.4	3.8	6.7	6.9	6.0	6.4	5.4	6.4	5.4	6.4
DLF-TF-3880	6.7	8.0	8.4	6.2	5.1	6.9	5.7	6.1	6.0	5.5	6.4	5.4	6.4
SUPERSONIC 2GL (PPG-TF 493)	6.8	8.0	8.5	6.7	2.8	6.8	6.1	7.3	5.8	5.9	6.4	5.5	6.4
DLF-TF-3868	6.5	7.7	8.5	6.6	4.4	6.5	6.6	6.5	5.8	5.8	6.2	5.5	6.4
NAI-HEG9	7.0	7.3	8.4	6.8	5.0	6.5	5.9	6.3	5.8	5.4	6.2	5.9	6.4
22LGT2	7.0	7.7	8.3	6.8	3.3	6.9	6.6	7.2	6.0	5.4	6.1	5.3	6.4
NAI-GLW3	6.8	7.3	8.5	6.3	3.7	6.6	6.8	7.7	5.6	5.6	5.9	5.6	6.4
BY-GLS4	6.7	8.0	8.6	6.5	3.5	6.5	5.6	7.2	5.8	5.5	6.6	5.9	6.4
CAPTAN	7.0	8.0	8.4	6.6	4.1	6.6	6.4	7.0	5.3	5.6	6.1	5.1	6.4
BATTLE HAWK	6.8	8.0	8.5	6.6	4.1	6.7	6.0	6.6	5.8	5.2	6.6	5.1	6.3
GRIDIRON	7.0	7.3	8.6	6.7	3.7	7.0	6.4	6.9	5.8	4.9	6.4	5.4	6.3
ENDGAME	7.1	7.7	8.4	6.5	4.0	6.6	6.1	7.3	6.0	5.2	6.2	5.1	6.3
DLF-TF-3870	6.9	7.7	8.6	6.7	3.6	6.5	5.3	6.8	6.3	5.8	6.2	5.7	6.3
DRAGSTER	6.9	8.0	8.4	6.3	4.8	6.7	5.2	6.2	5.8	5.3	6.8	5.7	6.3
DLF-TF-3844	7.0	8.0	8.5	6.2	3.9	6.5	5.4	6.6	6.2	5.5	6.3	5.5	6.3
DLF-TF-3873	6.7	7.7	8.4	6.4	3.6	6.2	6.2	7.1	6.1	5.6	6.2	5.3	6.3
PST-5CHW2	6.6	8.0	8.4	6.7	4.3	6.2	4.3	6.9	5.8	5.6	6.4	6.0	6.3
GO-SH19	6.9	8.0	8.5	6.4	4.7	6.6	5.1	5.7	6.0	5.4	6.4	5.6	6.3
PPG-TF 405	7.0	7.3	8.4	6.6	3.4	6.7	6.3	7.1	5.7	5.8	6.1	4.9	6.3
DLF-TF-3872	6.8	8.0	8.4	6.3	3.5	6.7	5.7	6.8	6.2	5.8	5.8	5.1	6.3
FIREHAWK SLT	6.7	7.7	8.5	6.5	4.2	6.8	4.9	6.6	6.5	5.7	6.1	4.9	6.3
RAPTOR III	6.9	8.0	8.5	6.5	4.3	6.6	4.5	6.2	6.7	5.2	6.4	5.3	6.3
DLF-TF-3874	7.1	5.3	8.4	6.3	4.4	6.5	6.5	6.5	5.8	5.6	6.7	5.8	6.2
DLF-TF-3875	6.9	7.7	8.5	6.1	4.5	6.6	6.2	6.1	5.2	5.7	6.3	5.2	6.2
GO-BPTF-T	7.0	8.0	8.4	6.3	4.0	6.7	5.7	6.1	5.7	5.6	6.4	5.0	6.2
PADRE 2	6.9	8.0	8.6	6.5	4.5	6.5	5.4	5.8	5.6	5.4	6.3	5.1	6.2
NAI-SOTF	6.9	7.3	8.4	6.4	4.2	6.3	4.3	6.9	6.8	5.0	6.3	5.8	6.2
DAYBREAK	6.9	8.0	8.5	6.3	4.1	6.3	5.0	7.0	6.1	5.0	6.3	5.0	6.2
PST-5CHWM	6.9	8.0	8.5	6.4	4.8	6.2	4.7	5.8	6.7	5.4	6.1	5.1	6.2
PST-R5WG	6.6	7.7	8.5	6.6	4.3	6.2	4.8	6.1	6.7	6.0	6.4	4.7	6.2
PST-5EBP	6.8	8.0	8.4	6.3	4.5	5.9	4.9	5.9	5.9	5.8	6.2	5.4	6.2
PST-5DFD	6.9	8.0	8.5	6.3	4.0	6.0	4.8	6.4	5.7	5.8	6.3	5.1	6.2
GO-TETF	6.9	7.7	8.4	6.1	4.2	6.7	4.7	6.1	6.2	5.3	6.4	5.3	6.2
NAI-2413	7.0	8.0	8.1	6.1	4.3	6.0	5.5	6.2	5.6	5.4	5.9	5.3	6.1
SETFT3	6.8	7.7	8.3	6.6	4.1	6.4	4.5	5.9	5.7	5.5	6.6	5.4	6.1
XANADU	6.9	7.7	8.5	6.5	3.4	6.4	5.6	6.1	5.3	5.2	6.4	5.3	6.1
RAD-TF134	7.1	7.7	8.3	6.7	3.7	6.3	5.3	5.7	5.7	4.7	6.8	4.9	6.1
GLX STAR	6.8	8.0	8.4	6.5	4.1	6.3	4.4	4.9	6.3	5.8	6.1	5.2	6.1
PST-5LSM	6.8	7.7	8.4	6.0	2.7	6.5	6.0	6.4	5.8	5.9	5.6	4.9	6.1
BONFIRE	6.8	7.7	8.4	6.4	3.2	6.4	5.7	5.7	5.9	5.4	6.0	5.1	6.1
PST-R5HD6	7.0	7.7	8.4	6.4	3.0	6.0	5.2	5.1	6.6	5.6	6.3	5.0	6.0
NAI-BNTB	6.8	7.7	8.5	6.2	4.1	6.7	4.2	6.4	5.7	4.9	5.8	5.3	6.0
PST-5CHR	6.6	7.3	8.0	6.2	4.5	6.0	4.6	6.3	5.9	5.2	6.3	5.3	6.0

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
NAME	CT1	GA1	KS1	KS3	NC1	NE1	NJ1	NJ2	OH1	OK1	OR1	TN1	MEAN
SMG-TF24	7.0	8.0	8.3	6.3	3.2	6.2	5.0	6.0	5.3	5.1	6.1	5.3	6.0
PST-5LOD	6.9	7.3	8.3	6.6	3.7	6.0	4.1	6.2	5.4	5.9	6.1	5.0	6.0
BRAVO 2	7.1	7.3	8.5	6.6	3.5	6.9	3.4	5.8	5.3	5.8	6.1	5.3	6.0
KNOX	6.8	7.7	7.9	6.4	3.8	6.0	4.1	6.4	5.5	5.5	6.4	5.0	6.0
EASY GREEN	6.5	7.7	8.1	6.2	4.9	6.0	4.2	4.6	6.3	5.4	6.5	4.8	5.9
BAR FA 408	7.0	7.3	8.1	6.4	3.9	6.2	3.5	5.1	6.2	5.1	6.9	5.4	5.9
RAD-TF147	7.0	7.7	8.1	6.7	4.8	6.1	4.7	4.8	6.1	4.2	6.6	4.3	5.9
BAR FA 412	6.3	7.7	8.4	6.3	3.7	6.2	3.3	5.5	5.9	5.5	6.1	5.7	5.9
ATLAS	6.8	7.3	8.1	6.5	3.8	6.5	3.7	5.2	5.6	5.6	6.2	5.2	5.9
TOP SHELF	7.0	7.7	8.0	6.2	4.6	6.4	3.1	5.1	5.6	5.5	6.3	4.5	5.8
PRO GOLD	6.7	7.7	8.2	6.0	3.8	6.3	3.8	5.4	5.3	5.2	5.9	5.4	5.8
PRIMO	6.9	7.7	7.8	5.9	4.8	6.1	2.7	4.2	6.3	5.1	6.3	4.9	5.7
ATF1832	6.9	8.0	7.9	6.4	2.7	6.2	3.2	4.7	5.7	5.5	5.9	5.3	5.7
RAD-TF146	6.8	7.7	8.1	5.9	3.1	6.1	4.0	5.1	6.3	4.4	6.2	4.5	5.7
24FE7105	6.9	8.0	8.1	6.2	3.4	6.7	4.3	4.9	5.5	3.8	6.0	4.3	5.7
REJUVENATE	6.6	7.7	7.8	6.3	2.8	6.0	3.0	5.1	6.3	4.4	6.4	5.1	5.6
REBEL XPEDITION	6.8	7.3	8.0	6.6	3.8	6.3	3.0	3.8	5.3	5.7	6.0	4.7	5.6
RAD-TF136	7.0	7.7	8.0	6.2	3.1	6.2	4.1	4.3	6.4	3.9	6.0	4.4	5.6
KY-31	7.0	7.7	5.8	5.1	3.6	4.4	1.1	2.2	5.1	5.0	4.4	5.0	4.7
LSD VALUE	0.5	0.9	0.2	0.8	2.3	0.5	1.3	1.0	0.9	0.7	0.6	0.8	0.3
C.V. (%)	4.1	7.5	1.7	7.9	33.7	4.6	14.0	9.5	9.7	8.0	6.4	8.9	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 6.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 GROWN AT FIVE LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE C" *
 2025 DATA

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

NAME	IN1	MD1	MN1	MS1	VA1	MEAN
PPG-TF 508	6.7	7.5	6.2	4.0	5.8	6.0
TORINO	6.5	7.5	5.5	3.9	6.6	6.0
PPG-TF 497	6.5	7.5	5.4	3.9	6.4	6.0
SPYDER 3LS (PPG-TF 399)	6.5	7.3	5.4	4.2	6.4	6.0
PPG-TF 506	6.2	7.4	5.7	4.1	6.2	5.9
PPG-TF 475	6.2	7.3	5.6	4.4	6.1	5.9
VALKYRIE 2LS (PPG-TF 402)	6.6	7.2	5.9	3.7	6.1	5.9
PPG-TF 503	5.9	7.6	5.7	3.9	6.3	5.9
PPG-TF 435	6.5	7.3	5.6	4.2	5.8	5.9
PPG-TF 422	6.1	7.2	5.7	4.1	6.2	5.9
PPG-TF 507	6.4	7.4	4.9	3.9	6.6	5.8
LTP-SPP	6.0	7.3	5.5	3.7	6.5	5.8
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	7.1	5.0	4.0	6.5	5.8
PPG-TF 440	6.8	7.6	5.0	3.8	5.6	5.8
DLF-TF-3870	6.1	7.2	5.1	3.7	6.6	5.7
GET 21	6.1	7.3	5.3	3.9	6.1	5.7
PVP-LOLA	6.1	7.3	5.7	3.8	5.7	5.7
DLF-TF-3867	6.0	7.3	5.5	3.9	5.9	5.7
NAI-HEG9	5.8	7.3	4.9	4.1	6.5	5.7
23JWL	6.6	7.3	5.3	3.6	5.7	5.7
PPG-TF 477	6.3	7.3	5.2	3.8	5.9	5.7
PPG-TF 427	6.5	7.4	5.5	3.6	5.5	5.7
21CEG1	6.0	7.4	5.0	3.8	6.4	5.7
VALIANT (PPG-TF 437)	6.2	7.3	5.1	3.6	6.3	5.7
PPG-TF 505	6.0	7.5	5.1	3.9	5.9	5.7
DLF-TF-3869	6.2	7.4	5.1	4.1	5.6	5.7
RAPTOR 4LS (PPG-TF 433)	6.6	7.1	5.3	3.7	5.7	5.7
DYNAMITE 2G-LS (PPG-TF 404)	6.3	7.4	5.0	3.8	5.8	5.7
BY-GLS1	5.5	7.2	5.3	4.1	6.3	5.7
22LGT2	6.0	7.3	4.9	3.8	6.2	5.7
PPG-TF 539	6.1	7.4	4.5	3.9	6.4	5.6
BGT2	5.9	7.3	4.9	3.7	6.4	5.6
21GPS7	5.7	7.5	4.9	3.7	6.3	5.6
DLF-TF-3876	5.9	7.3	5.8	3.8	5.3	5.6
DLF-TF-3874	6.1	7.1	5.3	4.1	5.5	5.6
NAI-CEG2	5.8	7.2	5.1	4.1	6.1	5.6
PPG-TF 405	6.3	7.3	5.3	3.7	5.5	5.6
NAI-GLW3	6.1	7.3	5.3	3.8	5.6	5.6
PPG-TF 499	5.5	7.4	5.3	3.8	6.1	5.6
23HEG7	6.0	7.3	5.1	3.8	5.9	5.6
PPG-TF 498	6.0	7.3	4.9	4.1	5.7	5.6
PPG-TF 541	6.0	7.2	4.8	4.1	5.9	5.6
PPG-TF 504	6.0	7.3	4.7	3.9	6.0	5.6
LTP-GTM	5.9	7.3	4.7	3.9	6.2	5.6

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE C" *
2025 DATA

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

NAME	IN1	MD1	MN1	MS1	VA1	MEAN
DLF-TF-3877	6.0	7.1	5.6	3.7	5.5	5.6
DLF-TF-3872	6.0	7.3	5.1	4.0	5.4	5.6
BULLSEYE LTZ	5.9	7.5	5.0	4.1	5.4	5.6
ENDGAME	5.9	7.3	5.7	3.6	5.4	5.6
NAI-LGT1	5.4	7.3	5.0	4.0	6.2	5.6
DAYBREAK	6.0	7.2	5.0	3.7	6.0	5.6
PPG-TF 500	6.0	7.4	5.0	3.8	5.6	5.6
GRIDIRON	6.0	7.4	4.5	3.6	6.1	5.5
PST-R5WG	5.8	7.1	4.7	3.8	6.1	5.5
DLF-TF-3844	6.1	7.1	5.5	3.5	5.3	5.5
NAI-21GPS2	5.7	7.2	4.8	3.8	5.9	5.5
EL CAMINO	5.8	7.3	4.9	3.8	5.7	5.5
PPG-TF 403	6.1	7.5	4.5	3.9	5.3	5.5
XANADU	6.0	7.0	4.7	3.5	6.1	5.5
FIREHAWK SLT	5.7	7.0	4.7	3.8	6.0	5.5
PPG-TF 540	5.6	7.3	4.7	3.9	5.7	5.4
NAI-BNTB	5.7	7.2	5.5	3.6	5.1	5.4
SETF 409	6.4	7.2	4.7	3.4	5.3	5.4
DLF-TF-3873	6.0	7.1	5.5	3.6	4.9	5.4
DRAGSTER	5.4	7.2	4.6	4.0	5.7	5.4
DLF-TF-3875	6.0	6.9	5.3	3.7	5.1	5.4
BY-GLS4	5.7	7.3	4.7	3.6	5.5	5.4
RAPTOR III	5.6	6.9	5.0	3.5	5.8	5.4
CAPITAN	5.7	7.0	4.4	3.9	5.8	5.4
PADRE 2	5.5	7.0	5.0	3.6	5.6	5.3
GO-SH19	5.5	7.0	4.6	3.7	5.8	5.3
DLF-TF-3880	5.5	7.1	4.3	3.9	5.7	5.3
PST-5LOD	5.3	7.1	4.1	4.0	6.0	5.3
PST-5LSM	5.6	6.9	5.2	3.4	5.3	5.3
NAI-2413	5.2	7.1	4.6	3.8	5.6	5.3
DLF-TF-3868	5.3	7.0	4.2	3.9	5.8	5.3
NAI-SOTF	5.6	7.0	4.7	4.1	4.8	5.2
SUPERSONIC 2GL (PPG-TF 493)	5.3	7.0	4.1	4.0	5.7	5.2
BRAVO 2	5.4	6.5	5.2	3.8	5.2	5.2
PST-5EBP	5.0	7.1	4.3	4.0	5.6	5.2
BATTLE HAWK	5.2	6.9	4.7	3.7	5.4	5.2
PST-5CHWM	5.0	7.2	4.1	3.7	5.8	5.1
GO-BPTF-T	5.3	7.0	4.7	3.4	5.2	5.1
ATLAS	4.8	6.7	4.9	3.8	5.3	5.1
PST-5CHW2	5.2	7.2	3.9	3.5	5.7	5.1
RAD-TF134	5.4	6.7	4.5	3.8	5.0	5.1
GO-TETF	5.3	6.9	4.9	3.2	5.1	5.1
GLX STAR	5.1	7.0	3.7	3.6	5.9	5.1
PST-5CHR	4.9	7.0	3.7	3.7	6.1	5.1
PST-5DFD	5.3	6.9	4.0	3.5	5.6	5.1

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE C" *
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	MD1	MN1	MS1	VA1	MEAN
BONFIRE	5.0	6.9	4.1	3.5	5.6	5.0
SMG-TF24	4.7	6.9	4.1	4.0	5.4	5.0
PST-R5HD6	4.6	6.9	4.4	3.9	5.1	5.0
SETFT3	4.7	6.9	4.5	3.6	5.2	5.0
RAD-TF146	5.0	6.5	4.1	4.0	5.2	4.9
BAR FA 408	4.8	6.8	4.3	3.7	5.1	4.9
PRO GOLD	5.1	6.7	4.1	3.6	5.1	4.9
BAR FA 412	5.1	6.6	3.9	4.1	4.9	4.9
KNOX	4.8	6.6	3.7	3.9	5.5	4.9
EASY GREEN	4.5	6.9	4.1	3.9	4.6	4.8
TOP SHELF	4.6	6.8	3.7	4.1	4.6	4.7
24FE7105	4.8	6.0	4.5	3.3	4.9	4.7
RAD-TF136	4.8	6.7	3.5	3.7	4.6	4.6
PRIMO	4.2	6.3	4.1	3.7	4.7	4.6
RAD-TF147	4.8	6.5	3.5	3.5	4.7	4.6
ATF1832	4.4	6.3	3.2	3.8	4.9	4.5
REJUVENATE	4.1	6.2	3.8	3.4	4.8	4.4
REBEL XPEDITION	4.5	6.0	3.2	3.7	4.4	4.4
KY-31	3.0	5.4	1.3	2.8	3.5	3.2
LSD VALUE	0.5	0.5	1.0	0.7	0.9	0.3
C.V. (%)	5.9	4.2	12.8	11.0	9.7	8.5

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

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

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
PPG-TF 435	7.0	7.3	7.3	7.2
PPG-TF 539	7.0	7.4	7.3	7.2
PPG-TF 498	7.0	7.0	7.6	7.2
PPG-TF 505	7.0	7.0	7.5	7.2
PPG-TF 508	7.0	6.7	7.5	7.1
FIRECRACKER 2G-LS (PPG-TF 538)	6.9	7.1	7.2	7.1
LTP-GTM	6.8	7.0	7.4	7.1
NAI-GLW3	6.8	6.8	7.7	7.1
21GPS7	6.8	7.1	7.3	7.0
SPYDER 3LS (PPG-TF 399)	6.9	6.8	7.4	7.0
NAI-CEG2	6.8	7.0	7.3	7.0
VALIANT (PPG-TF 437)	6.7	6.7	7.6	7.0
PPG-TF 440	7.1	6.7	7.2	7.0
PPG-TF 422	6.9	6.7	7.4	7.0
PPG-TF 507	7.0	6.7	7.3	7.0
VALKYRIE 2LS (PPG-TF 402)	7.1	6.3	7.6	7.0
GET 21	6.9	6.7	7.4	7.0
PPG-TF 497	6.8	6.9	7.3	7.0
PPG-TF 500	6.8	7.0	7.1	7.0
BGT2	6.8	6.6	7.3	6.9
DLF-TF-3877	6.7	7.1	6.9	6.9
22LGT2	7.0	6.6	7.2	6.9
SETF 409	6.9	7.0	6.8	6.9
PPG-TF 427	6.8	6.9	7.1	6.9
RAPTOR 4LS (PPG-TF 433)	7.0	6.3	7.4	6.9
DYNAMITE 2G-LS (PPG-TF 404)	6.9	6.7	7.1	6.9
PVP-LOLA	6.7	6.4	7.6	6.9
PPG-TF 403	6.9	6.5	7.2	6.9
ENDGAME	7.1	6.1	7.3	6.8
21CEG1	6.9	6.1	7.4	6.8
CAPITAN	7.0	6.4	7.0	6.8
PPG-TF 503	7.0	6.2	7.2	6.8
23JWL	6.7	7.0	6.6	6.8
PPG-TF 541	6.7	6.4	7.2	6.8
PPG-TF 405	7.0	6.3	7.1	6.8
GRIDIRON	7.0	6.4	6.9	6.8
NAI-21GPS2	6.8	6.1	7.3	6.8
BY-GLS1	7.0	6.3	6.9	6.7
SUPERSONIC 2GL (PPG-TF 493)	6.8	6.1	7.3	6.7
PPG-TF 506	6.7	6.8	6.6	6.7
DLF-TF-3874	7.1	6.5	6.5	6.7
LTP-SPP	6.9	5.8	7.4	6.7
PPG-TF 499	6.7	6.4	6.9	6.7
TORINO	6.7	6.3	7.0	6.7

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
DLF-TF-3873	6.7	6.2	7.1	6.7
EL CAMINO	6.8	6.3	6.8	6.6
PPG-TF 475	7.0	6.2	6.8	6.6
DLF-TF-3867	6.6	6.4	6.9	6.6
PPG-TF 504	7.0	6.1	6.8	6.6
BULLSEYE LTZ	6.8	6.2	6.8	6.6
DLF-TF-3869	6.7	6.0	7.1	6.6
PPG-TF 477	7.0	6.8	5.9	6.6
NAI-LGT1	6.9	5.9	6.9	6.6
DLF-TF-3868	6.5	6.6	6.5	6.5
DLF-TF-3876	6.6	6.9	6.0	6.5
BATTLE HAWK	6.8	6.0	6.6	6.5
BY-GLS4	6.7	5.6	7.2	6.5
PPG-TF 540	6.4	6.9	6.1	6.5
23HEG7	6.7	6.1	6.5	6.4
DLF-TF-3872	6.8	5.7	6.8	6.4
PST-5LSM	6.8	6.0	6.4	6.4
DLF-TF-3875	6.9	6.2	6.1	6.4
NAI-HEG9	7.0	5.9	6.3	6.4
DLF-TF-3870	6.9	5.3	6.8	6.3
DLF-TF-3844	7.0	5.4	6.6	6.3
DAYBREAK	6.9	5.0	7.0	6.3
NAI-2413	7.0	5.5	6.2	6.3
GO-BPTF-T	7.0	5.7	6.1	6.3
XANADU	6.9	5.6	6.1	6.2
DLF-TF-3880	6.7	5.7	6.1	6.2
DRAGSTER	6.9	5.2	6.2	6.1
BONFIRE	6.8	5.7	5.7	6.1
RAD-TF134	7.1	5.3	5.7	6.0
PADRE 2	6.9	5.4	5.8	6.0
PST-5DFD	6.9	4.8	6.4	6.0
NAI-SOTF	6.9	4.3	6.9	6.0
FIREHAWK SLT	6.7	4.9	6.6	6.0
SMG-TF24	7.0	5.0	6.0	6.0
PST-5CHW2	6.6	4.3	6.9	6.0
GO-SH19	6.9	5.1	5.7	5.9
PST-5EBP	6.8	4.9	5.9	5.9
GO-TETF	6.9	4.7	6.1	5.9
RAPTOR III	6.9	4.5	6.2	5.9
PST-R5WG	6.6	4.8	6.1	5.8
PST-5CHR	6.6	4.6	6.3	5.8
NAI-BNTB	6.8	4.2	6.4	5.8
PST-5CHWM	6.9	4.7	5.8	5.8
PST-R5HD6	7.0	5.2	5.1	5.8
KNOX	6.8	4.1	6.4	5.8

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
PST-5LOD	6.9	4.1	6.2	5.8
SETFT3	6.8	4.5	5.9	5.7
RAD-TF147	7.0	4.7	4.8	5.5
BRAVO 2	7.1	3.4	5.8	5.5
GLX STAR	6.8	4.4	4.9	5.4
24FE7105	6.9	4.3	4.9	5.4
PRO GOLD	6.7	3.8	5.4	5.3
RAD-TF146	6.8	4.0	5.1	5.3
ATLAS	6.8	3.7	5.2	5.2
BAR FA 408	7.0	3.5	5.1	5.2
RAD-TF136	7.0	4.1	4.3	5.1
EASY GREEN	6.5	4.2	4.6	5.1
TOP SHELF	7.0	3.1	5.1	5.1
BAR FA 412	6.3	3.3	5.5	5.0
REJUVENATE	6.6	3.0	5.1	4.9
ATF1832	6.9	3.2	4.7	4.9
PRIMO	6.9	2.7	4.2	4.6
REBEL XPEDITION	6.8	3.0	3.8	4.6
KY-31	7.0	1.1	2.2	3.4
LSD VALUE	0.5	1.3	1.0	0.6
C.V. (%)	4.1	14.0	9.5	9.5

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE TRANSITION REGION
2025 DATA

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

NAME	KS1	KS3	MD1	NC1	OK1	TN1	VA1	MEAN
NAI-21GPS2	8.5	6.7	7.2	5.5	6.1	6.3	5.9	6.6
LTP-GTM	8.5	6.5	7.3	5.6	6.2	5.7	6.2	6.6
PPG-TF 507	8.6	6.5	7.4	5.1	5.6	6.2	6.6	6.6
PPG-TF 503	8.5	6.0	7.6	5.1	5.7	6.2	6.3	6.5
TORINO	8.7	6.8	7.5	4.5	5.5	6.0	6.6	6.5
GET 21	8.6	6.3	7.3	5.6	5.9	5.7	6.1	6.5
23JWL	8.6	6.9	7.3	5.3	5.6	6.0	5.7	6.5
NAI-HEG9	8.4	6.8	7.3	5.0	5.4	5.9	6.5	6.5
PPG-TF 505	8.5	6.5	7.5	5.2	5.8	5.7	5.9	6.4
21CEG1	8.6	6.4	7.4	5.3	5.6	5.5	6.4	6.4
PPG-TF 499	8.6	6.8	7.4	4.5	5.6	6.1	6.1	6.4
PPG-TF 435	8.6	6.3	7.3	5.7	6.0	5.2	5.8	6.4
VALKYRIE 2LS (PPG-TF 402)	8.6	6.3	7.2	4.5	5.8	6.4	6.1	6.4
PPG-TF 500	8.6	6.5	7.4	4.8	5.8	6.0	5.6	6.4
DLF-TF-3869	8.5	6.8	7.4	5.1	6.0	5.4	5.6	6.4
DLF-TF-3867	8.6	6.5	7.3	5.8	5.7	5.1	5.9	6.4
BY-GLS1	8.5	6.9	7.2	4.5	5.7	5.7	6.3	6.4
NAI-CEG2	8.5	6.4	7.2	5.3	5.6	5.6	6.1	6.4
PPG-TF 497	8.6	6.5	7.5	3.5	6.1	5.9	6.4	6.4
PPG-TF 506	8.5	6.9	7.4	3.8	5.9	5.7	6.2	6.3
SPYDER 3LS (PPG-TF 399)	8.5	6.6	7.3	4.1	5.8	5.7	6.4	6.3
NAI-LGT1	8.5	6.3	7.3	4.4	6.0	5.7	6.2	6.3
PPG-TF 541	8.5	6.5	7.2	4.4	5.9	5.9	5.9	6.3
FIRECRACKER 2G-LS (PPG-TF 538)	8.6	6.2	7.1	4.4	5.9	5.5	6.5	6.3
LTP-SPP	8.6	6.8	7.3	4.1	5.3	5.7	6.5	6.3
DLF-TF-3870	8.6	6.7	7.2	3.6	5.8	5.7	6.6	6.3
BULLSEYE LTZ	8.6	7.1	7.5	4.7	5.4	5.6	5.4	6.3
PPG-TF 539	8.6	7.0	7.4	3.4	6.0	5.3	6.4	6.3
21GPS7	8.6	6.5	7.5	3.6	5.5	5.9	6.3	6.3
23HEG7	8.6	6.2	7.3	5.5	5.8	4.9	5.9	6.3
PPG-TF 540	8.5	6.3	7.3	5.0	5.8	5.4	5.7	6.3
PPG-TF 427	8.6	6.5	7.4	4.6	5.9	5.4	5.5	6.3
RAPTOR 4LS (PPG-TF 433)	8.6	6.5	7.1	4.9	6.1	5.1	5.7	6.3
PPG-TF 498	8.5	6.7	7.3	4.2	5.3	6.3	5.7	6.3
PPG-TF 475	8.6	6.6	7.3	4.5	5.6	5.3	6.1	6.3
BGT2	8.6	6.3	7.3	4.5	5.9	5.0	6.4	6.3
PST-5CHW2	8.4	6.7	7.2	4.3	5.6	6.0	5.7	6.3
PPG-TF 504	8.3	6.7	7.3	3.6	6.1	5.7	6.0	6.3
PPG-TF 440	8.6	6.4	7.6	4.2	5.5	5.7	5.6	6.2
DLF-TF-3868	8.5	6.6	7.0	4.4	5.8	5.5	5.8	6.2
PPG-TF 403	8.5	6.7	7.5	4.6	5.6	5.4	5.3	6.2
SETF 409	8.6	6.1	7.2	4.5	5.7	6.1	5.3	6.2
DYNAMITE 2G-LS (PPG-TF 404)	8.6	6.4	7.4	4.2	5.6	5.6	5.8	6.2
PVP-LOLA	8.6	6.3	7.3	4.0	6.0	5.6	5.7	6.2

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE TRANSITION REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	KS1	KS3	MD1	NC1	OK1	TN1	VA1	MEAN
DRAGSTER	8.4	6.3	7.2	4.8	5.3	5.7	5.7	6.2
DLF-TF-3877	8.5	6.5	7.1	4.7	5.6	5.6	5.5	6.2
DLF-TF-3880	8.4	6.2	7.1	5.1	5.5	5.4	5.7	6.2
VALIANT (PPG-TF 437)	8.6	6.4	7.3	4.0	5.6	5.2	6.3	6.2
PPG-TF 422	8.6	6.3	7.2	4.4	5.5	5.1	6.2	6.2
PPG-TF 477	8.5	6.5	7.3	4.4	5.6	5.1	5.9	6.2
EL CAMINO	8.6	6.8	7.3	4.4	5.4	5.1	5.7	6.2
PST-R5WG	8.5	6.6	7.1	4.3	6.0	4.7	6.1	6.2
GO-SH19	8.5	6.4	7.0	4.7	5.4	5.6	5.8	6.2
PST-5CHWM	8.5	6.4	7.2	4.8	5.4	5.1	5.8	6.2
PST-5EBP	8.4	6.3	7.1	4.5	5.8	5.4	5.6	6.2
DLF-TF-3874	8.4	6.3	7.1	4.4	5.6	5.8	5.5	6.2
GLX STAR	8.4	6.5	7.0	4.1	5.8	5.2	5.9	6.1
FIREHAWK SLT	8.5	6.5	7.0	4.2	5.7	4.9	6.0	6.1
PPG-TF 508	8.6	6.4	7.5	3.9	5.3	5.2	5.8	6.1
BY-GLS4	8.6	6.5	7.3	3.5	5.5	5.9	5.5	6.1
GRIDIRON	8.6	6.7	7.4	3.7	4.9	5.4	6.1	6.1
PADRE 2	8.6	6.5	7.0	4.5	5.4	5.1	5.6	6.1
PST-5LOD	8.3	6.6	7.1	3.7	5.9	5.0	6.0	6.1
NAI-GLW3	8.5	6.3	7.3	3.7	5.6	5.6	5.6	6.1
CAPITAN	8.4	6.6	7.0	4.1	5.6	5.1	5.8	6.1
22LGT2	8.3	6.8	7.3	3.3	5.4	5.3	6.2	6.1
RAPTOR III	8.5	6.5	6.9	4.3	5.2	5.3	5.8	6.1
DLF-TF-3876	8.7	6.4	7.3	3.8	5.4	5.4	5.3	6.1
PST-5DFD	8.5	6.3	6.9	4.0	5.8	5.1	5.6	6.0
PST-5CHR	8.0	6.2	7.0	4.5	5.2	5.3	6.1	6.0
DAYBREAK	8.5	6.3	7.2	4.1	5.0	5.0	6.0	6.0
DLF-TF-3844	8.5	6.2	7.1	3.9	5.5	5.5	5.3	6.0
SUPERSONIC 2GL (PPG-TF 493)	8.5	6.7	7.0	2.8	5.9	5.5	5.7	6.0
SETFT3	8.3	6.6	6.9	4.1	5.5	5.4	5.2	6.0
DLF-TF-3875	8.5	6.1	6.9	4.5	5.7	5.2	5.1	6.0
NAI-2413	8.1	6.1	7.1	4.3	5.4	5.3	5.6	6.0
BATTLE HAWK	8.5	6.6	6.9	4.1	5.2	5.1	5.4	6.0
XANADU	8.5	6.5	7.0	3.4	5.2	5.3	6.1	6.0
DLF-TF-3872	8.4	6.3	7.3	3.5	5.8	5.1	5.4	6.0
PPG-TF 405	8.4	6.6	7.3	3.4	5.8	4.9	5.5	6.0
ENDGAME	8.4	6.5	7.3	4.0	5.2	5.1	5.4	6.0
NAI-SOTF	8.4	6.4	7.0	4.2	5.0	5.8	4.8	6.0
GO-BPTF-T	8.4	6.3	7.0	4.0	5.6	5.0	5.2	5.9
NAI-BNTB	8.5	6.2	7.2	4.1	4.9	5.3	5.1	5.9
DLF-TF-3873	8.4	6.4	7.1	3.6	5.6	5.3	4.9	5.9
GO-TETF	8.4	6.1	6.9	4.2	5.3	5.3	5.1	5.9
BRAVO 2	8.5	6.6	6.5	3.5	5.8	5.3	5.2	5.9
ATLAS	8.1	6.5	6.7	3.8	5.6	5.2	5.3	5.9
BAR FA 412	8.4	6.3	6.6	3.7	5.5	5.7	4.9	5.9

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE TRANSITION REGION
2025 DATA

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

NAME	KS1	KS3	MD1	NC1	OK1	TN1	VA1	MEAN
BONFIRE	8.4	6.4	6.9	3.2	5.4	5.1	5.6	5.9
EASY GREEN	8.1	6.2	6.9	4.9	5.4	4.8	4.6	5.9
BAR FA 408	8.1	6.4	6.8	3.9	5.1	5.4	5.1	5.8
KNOX	7.9	6.4	6.6	3.8	5.5	5.0	5.5	5.8
PRO GOLD	8.2	6.0	6.7	3.8	5.2	5.4	5.1	5.8
SMG-TF24	8.3	6.3	6.9	3.2	5.1	5.3	5.4	5.8
PST-R5HD6	8.4	6.4	6.9	3.0	5.6	5.0	5.1	5.8
TOP SHELF	8.0	6.2	6.8	4.6	5.5	4.5	4.6	5.7
PST-5LSM	8.4	6.0	6.9	2.7	5.9	4.9	5.3	5.7
RAD-TF134	8.3	6.7	6.7	3.7	4.7	4.9	5.0	5.7
PRIMO	7.8	5.9	6.3	4.8	5.1	4.9	4.7	5.7
REBEL XPEDITION	8.0	6.6	6.0	3.8	5.7	4.7	4.4	5.6
RAD-TF147	8.1	6.7	6.5	4.8	4.2	4.3	4.7	5.6
ATF1832	7.9	6.4	6.3	2.7	5.5	5.3	4.9	5.6
RAD-TF146	8.1	5.9	6.5	3.1	4.4	4.5	5.2	5.4
REJUVENATE	7.8	6.3	6.2	2.8	4.4	5.1	4.8	5.4
RAD-TF136	8.0	6.2	6.7	3.1	3.9	4.4	4.6	5.3
24FE7105	8.1	6.2	6.0	3.4	3.8	4.3	4.9	5.2
KY-31	5.8	5.1	5.4	3.6	5.0	5.0	3.5	4.8
LSD VALUE	0.2	0.8	0.5	2.3	0.7	0.8	0.9	0.4
C.V. (%)	1.7	7.9	4.2	33.7	8.0	8.9	9.7	10.9

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 9.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHEAST REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	GA1	MS1	MEAN
PPG-TF 435	8.0	4.2	6.1
SPYDER 3LS (PPG-TF 399)	8.0	4.2	6.1
BULLSEYE LTZ	8.0	4.1	6.1
DLF-TF-3869	8.0	4.1	6.1
PPG-TF 422	8.0	4.1	6.1
NAI-CEG2	8.0	4.1	6.0
PPG-TF 541	8.0	4.1	6.0
DLF-TF-3872	8.0	4.0	6.0
PPG-TF 475	7.7	4.4	6.0
PST-5EBP	8.0	4.0	6.0
DRAGSTER	8.0	4.0	6.0
FIRECRACKER 2G-LS (PPG-TF 538)	8.0	4.0	6.0
NAI-LGT1	8.0	4.0	6.0
PPG-TF 508	8.0	4.0	6.0
SUPERSONIC 2GL (PPG-TF 493)	8.0	4.0	6.0
SMG-TF24	8.0	4.0	6.0
CAPTAN	8.0	3.9	6.0
DLF-TF-3880	8.0	3.9	6.0
PPG-TF 507	8.0	3.9	6.0
TORINO	8.0	3.9	6.0
PPG-TF 505	8.0	3.9	5.9
PPG-TF 540	8.0	3.9	5.9
NAI-2413	8.0	3.8	5.9
PPG-TF 477	8.0	3.8	5.9
PVP-LOLA	8.0	3.8	5.9
NAI-21GPS2	8.0	3.8	5.9
PPG-TF 440	8.0	3.8	5.9
ATF1832	8.0	3.8	5.9
BAR FA 412	7.7	4.1	5.9
PPG-TF 499	8.0	3.8	5.9
PPG-TF 506	7.7	4.1	5.9
TOP SHELF	7.7	4.1	5.9
LTP-SPP	8.0	3.7	5.9
BY-GLS1	7.7	4.1	5.9
DLF-TF-3877	8.0	3.7	5.9
GO-SH19	8.0	3.7	5.9
PPG-TF 498	7.7	4.1	5.9
PST-5CHWM	8.0	3.7	5.9
BATTLE HAWK	8.0	3.7	5.8
DAYBREAK	8.0	3.7	5.8
PADRE 2	8.0	3.6	5.8
RAD-TF146	7.7	4.0	5.8
DLF-TF-3868	7.7	3.9	5.8
EASY GREEN	7.7	3.9	5.8

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHEAST REGION
2025 DATA

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

NAME	GA1	MS1	MEAN
PPG-TF 497	7.7	3.9	5.8
BY-GLS4	8.0	3.6	5.8
DLF-TF-3867	7.7	3.9	5.8
GLX STAR	8.0	3.6	5.8
PPG-TF 504	7.7	3.9	5.8
GET 21	7.7	3.9	5.8
KNOX	7.7	3.9	5.8
LTP-GTM	7.7	3.9	5.8
PPG-TF 503	7.7	3.9	5.8
PPG-TF 539	7.7	3.9	5.8
PST-R5HD6	7.7	3.9	5.8
DLF-TF-3844	8.0	3.5	5.8
DLF-TF-3876	7.7	3.8	5.8
PPG-TF 500	7.7	3.8	5.8
PST-R5WG	7.7	3.8	5.8
22LGT2	7.7	3.8	5.7
FIREHAWK SLT	7.7	3.8	5.7
PST-5DFD	8.0	3.5	5.7
23HEG7	7.7	3.8	5.7
DYNAMITE 2G-LS (PPG-TF 404)	7.7	3.8	5.7
PST-5CHW2	8.0	3.5	5.7
RAPTOR III	8.0	3.5	5.7
RAD-TF134	7.7	3.8	5.7
EL CAMINO	7.7	3.8	5.7
NAI-HEG9	7.3	4.1	5.7
NAI-SOTF	7.3	4.1	5.7
21GPS7	7.7	3.7	5.7
DLF-TF-3875	7.7	3.7	5.7
BGT2	7.7	3.7	5.7
GO-BPTF-T	8.0	3.4	5.7
PRIMO	7.7	3.7	5.7
RAD-TF136	7.7	3.7	5.7
RAPTOR 4LS (PPG-TF 433)	7.7	3.7	5.7
DLF-TF-3870	7.7	3.7	5.7
VALKYRIE 2LS (PPG-TF 402)	7.7	3.7	5.7
24FE7105	8.0	3.3	5.7
PST-5LOD	7.3	4.0	5.7
ENDGAME	7.7	3.6	5.6
NAI-BNTB	7.7	3.6	5.6
PPG-TF 427	7.7	3.6	5.6
PRO GOLD	7.7	3.6	5.6
VALIANT (PPG-TF 437)	7.7	3.6	5.6
PPG-TF 403	7.3	3.9	5.6
DLF-TF-3873	7.7	3.6	5.6
SETFT3	7.7	3.6	5.6

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE SOUTHEAST REGION
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	GA1	MS1	MEAN
BONFIRE	7.7	3.5	5.6
ATLAS	7.3	3.8	5.6
RAD-TF147	7.7	3.5	5.6
XANADU	7.7	3.5	5.6
BRAVO 2	7.3	3.8	5.6
21CEG1	7.3	3.8	5.5
NAI-GLW3	7.3	3.8	5.5
PST-5LSM	7.7	3.4	5.5
BAR FA 408	7.3	3.7	5.5
PPG-TF 405	7.3	3.7	5.5
REJUVENATE	7.7	3.4	5.5
PST-5CHR	7.3	3.7	5.5
REBEL XPEDITION	7.3	3.7	5.5
GRIDIRON	7.3	3.6	5.5
GO-TETF	7.7	3.2	5.4
SETF 409	7.3	3.4	5.4
23JWL	7.0	3.6	5.3
KY-31	7.7	2.8	5.3
DLF-TF-3874	5.3	4.1	4.7
LSD VALUE	0.9	0.7	0.6
C.V. (%)	7.5	11.0	8.8

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

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

TABLE 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2025 DATA

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

NAME	IN1	MN1	NE1	OH1	MEAN
VALKYRIE 2LS (PPG-TF 402)	6.6	5.9	6.8	6.7	6.5
PPG-TF 508	6.7	6.2	6.9	5.7	6.4
PPG-TF 427	6.5	5.5	6.9	6.3	6.3
PPG-TF 475	6.2	5.6	6.9	6.4	6.3
TORINO	6.5	5.5	6.6	6.4	6.3
PPG-TF 477	6.3	5.2	6.8	6.7	6.2
23JWL	6.6	5.3	6.7	6.3	6.2
DLF-TF-3876	5.9	5.8	6.7	6.4	6.2
SPYDER 3LS (PPG-TF 399)	6.5	5.4	6.8	6.1	6.2
PPG-TF 497	6.5	5.4	6.6	6.2	6.2
PPG-TF 422	6.1	5.7	6.9	5.8	6.1
PPG-TF 505	6.0	5.1	6.5	6.8	6.1
VALIANT (PPG-TF 437)	6.2	5.1	6.7	6.5	6.1
PPG-TF 506	6.2	5.7	6.6	5.9	6.1
DLF-TF-3877	6.0	5.6	6.7	6.1	6.1
PPG-TF 435	6.5	5.6	6.7	5.6	6.1
DLF-TF-3869	6.2	5.1	6.8	6.2	6.1
RAPTOR 4LS (PPG-TF 433)	6.6	5.3	6.5	5.8	6.1
DLF-TF-3844	6.1	5.5	6.5	6.2	6.1
ENDGAME	5.9	5.7	6.6	6.0	6.0
PPG-TF 440	6.8	5.0	6.8	5.6	6.0
PPG-TF 507	6.4	4.9	6.8	6.1	6.0
PPG-TF 500	6.0	5.0	6.6	6.5	6.0
DLF-TF-3870	6.1	5.1	6.5	6.3	6.0
PVP-LOLA	6.1	5.7	6.2	6.1	6.0
DLF-TF-3867	6.0	5.5	6.3	6.3	6.0
PPG-TF 503	5.9	5.7	6.4	6.1	6.0
DLF-TF-3872	6.0	5.1	6.7	6.2	6.0
LTP-SPP	6.0	5.5	6.6	5.8	6.0
PPG-TF 405	6.3	5.3	6.7	5.7	6.0
RAPTOR III	5.6	5.0	6.6	6.7	6.0
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	5.0	6.6	6.0	6.0
22LGT2	6.0	4.9	6.9	6.0	6.0
SETF 409	6.4	4.7	6.8	5.8	5.9
DLF-TF-3874	6.1	5.3	6.5	5.8	5.9
DLF-TF-3873	6.0	5.5	6.2	6.1	5.9
DYNAMITE 2G-LS (PPG-TF 404)	6.3	5.0	6.5	5.9	5.9
FIREHAWK SLT	5.7	4.7	6.8	6.5	5.9
PPG-TF 499	5.5	5.3	6.7	6.3	5.9
NAI-CEG2	5.8	5.1	6.8	6.0	5.9
NAI-GLW3	6.1	5.3	6.6	5.6	5.9
21GPS7	5.7	4.9	6.9	6.1	5.9
NAI-BNTB	5.7	5.5	6.7	5.7	5.9
21CEG1	6.0	5.0	6.3	6.3	5.9

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2025 DATA

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

NAME	IN1	MN1	NE1	OH1	MEAN
23HEG7	6.0	5.1	6.6	5.8	5.9
GET 21	6.1	5.3	6.7	5.3	5.9
PST-R5WG	5.8	4.7	6.2	6.7	5.8
BULLSEYE LTZ	5.9	5.0	6.4	6.1	5.8
NAI-SOTF	5.6	4.7	6.3	6.8	5.8
DAYBREAK	6.0	5.0	6.3	6.1	5.8
PPG-TF 403	6.1	4.5	6.5	6.3	5.8
PPG-TF 498	6.0	4.9	6.6	5.8	5.8
GRIDIRON	6.0	4.5	7.0	5.8	5.8
BGT2	5.9	4.9	6.4	6.0	5.8
EL CAMINO	5.8	4.9	6.9	5.7	5.8
PST-5LSM	5.6	5.2	6.5	5.8	5.8
NAI-LGT1	5.4	5.0	6.7	6.0	5.8
PPG-TF 541	6.0	4.8	6.6	5.7	5.8
DLF-TF-3875	6.0	5.3	6.6	5.2	5.8
GO-TETF	5.3	4.9	6.7	6.2	5.7
NAI-HEG9	5.8	4.9	6.5	5.8	5.7
PPG-TF 504	6.0	4.7	6.7	5.5	5.7
BY-GLS4	5.7	4.7	6.5	5.8	5.7
DLF-TF-3880	5.5	4.3	6.9	6.0	5.7
GO-SH19	5.5	4.6	6.6	6.0	5.7
BRAVO 2	5.4	5.2	6.9	5.3	5.7
PPG-TF 540	5.6	4.7	6.3	6.0	5.7
PADRE 2	5.5	5.0	6.5	5.6	5.7
XANADU	6.0	4.7	6.4	5.3	5.6
LTP-GTM	5.9	4.7	6.5	5.4	5.6
NAI-21GPS2	5.7	4.8	6.3	5.7	5.6
PPG-TF 539	6.1	4.5	6.2	5.7	5.6
DRAGSTER	5.4	4.6	6.7	5.8	5.6
BY-GLS1	5.5	5.3	6.2	5.4	5.6
BATTLE HAWK	5.2	4.7	6.7	5.8	5.6
GO-BPTF-T	5.3	4.7	6.7	5.7	5.6
CAPITAN	5.7	4.4	6.6	5.3	5.5
SUPERSONIC 2GL (PPG-TF 493)	5.3	4.1	6.8	5.8	5.5
RAD-TF134	5.4	4.5	6.3	5.7	5.5
PST-5CHWM	5.0	4.1	6.2	6.7	5.5
ATLAS	4.8	4.9	6.5	5.6	5.4
DLF-TF-3868	5.3	4.2	6.5	5.8	5.4
PST-R5HD6	4.6	4.4	6.0	6.6	5.4
RAD-TF146	5.0	4.1	6.1	6.3	5.4
24FE7105	4.8	4.5	6.7	5.5	5.4
BAR FA 408	4.8	4.3	6.2	6.2	5.4
NAI-2413	5.2	4.6	6.0	5.6	5.3
BONFIRE	5.0	4.1	6.4	5.9	5.3
GLX STAR	5.1	3.7	6.3	6.3	5.3

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2025 DATA

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

NAME	IN1	MN1	NE1	OH1	MEAN
SETFT3	4.7	4.5	6.4	5.7	5.3
BAR FA 412	5.1	3.9	6.2	5.9	5.3
PST-5EBP	5.0	4.3	5.9	5.9	5.3
PST-5CHW2	5.2	3.9	6.2	5.8	5.3
PST-5DFD	5.3	4.0	6.0	5.7	5.2
PRO GOLD	5.1	4.1	6.3	5.3	5.2
RAD-TF136	4.8	3.5	6.2	6.4	5.2
PST-5LOD	5.3	4.1	6.0	5.4	5.2
EASY GREEN	4.5	4.1	6.0	6.3	5.2
PRIMO	4.2	4.1	6.1	6.3	5.2
RAD-TF147	4.8	3.5	6.1	6.1	5.1
PST-5CHR	4.9	3.7	6.0	5.9	5.1
TOP SHELF	4.6	3.7	6.4	5.6	5.1
SMG-TF24	4.7	4.1	6.2	5.3	5.1
REJUVENATE	4.1	3.8	6.0	6.3	5.0
KNOX	4.8	3.7	6.0	5.5	5.0
ATF1832	4.4	3.2	6.2	5.7	4.9
REBEL XPEDITION	4.5	3.2	6.3	5.3	4.8
KY-31	3.0	1.3	4.4	5.1	3.5
LSD VALUE	0.5	1.0	0.5	0.9	0.4
C.V. (%)	5.9	12.8	4.6	9.7	8.3

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

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

TABLE 11.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT CORVALLIS, OR (IN THE PACIFIC REGION) 1/
2025 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BAR FA 408	7.0	7.7	7.0	6.7	7.0	7.3	6.7	5.7	7.0	7.0	7.0	6.7	6.9
RAD-TF134	6.3	7.0	7.0	7.0	7.0	7.0	6.7	6.0	7.0	7.0	7.0	7.0	6.8
21CEG1	7.0	6.7	6.7	6.7	7.0	7.0	6.3	5.7	7.0	7.0	7.0	7.3	6.8
NAI-LGT1	7.3	7.3	7.3	6.7	7.0	6.7	6.7	5.3	7.3	6.7	7.0	6.0	6.8
DRAGSTER	7.0	7.0	7.0	7.0	7.0	6.7	6.3	5.3	7.0	7.0	7.0	6.7	6.8
PPG-TF 435	7.0	7.0	7.0	7.0	7.0	7.0	6.7	5.7	7.0	6.7	6.7	6.3	6.8
PPG-TF 504	6.3	6.7	6.7	6.7	7.0	6.3	6.3	6.3	7.0	7.0	7.0	7.0	6.7
DLF-TF-3874	7.0	6.7	7.0	7.0	6.7	6.7	6.7	6.3	6.7	6.7	6.3	6.7	6.7
PPG-TF 427	7.0	6.7	6.7	6.7	6.7	6.7	6.7	5.7	6.7	6.7	6.3	7.7	6.7
SETF 409	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.3	6.7	6.7	6.7	7.0	6.7
RAD-TF147	7.0	6.7	7.0	7.3	7.0	6.7	6.0	5.3	7.0	6.7	7.0	6.0	6.6
BATTLE HAWK	6.3	6.3	6.3	6.3	7.0	6.7	6.7	6.0	7.0	7.0	7.0	6.7	6.6
EL CAMINO	6.7	6.7	6.7	6.7	6.7	6.7	6.3	5.7	6.7	6.7	6.7	7.3	6.6
PPG-TF 475	6.3	6.7	6.7	6.7	7.0	6.7	6.7	6.0	6.7	6.7	6.7	6.7	6.6
PPG-TF 508	6.7	6.7	6.7	7.0	6.3	7.0	6.7	6.3	6.3	6.3	6.3	6.7	6.6
BY-GLS4	6.3	6.7	6.7	7.0	6.7	7.0	6.3	5.3	6.7	6.7	6.7	6.7	6.6
SETFT3	6.7	7.0	7.0	6.7	6.7	6.3	6.3	5.7	6.7	6.7	6.7	6.3	6.6
PPG-TF 403	6.3	6.3	6.7	7.0	6.3	6.7	6.3	6.3	6.3	6.3	6.3	7.3	6.5
PPG-TF 440	6.3	6.7	6.7	6.7	6.7	6.0	6.3	6.3	6.7	6.7	6.7	6.7	6.5
VALIANT (PPG-TF 437)	6.3	6.3	6.3	6.7	6.7	6.7	6.7	6.0	6.7	6.7	6.7	6.7	6.5
EASY GREEN	6.7	6.7	6.7	6.7	6.7	7.0	6.7	5.7	6.7	6.3	6.7	5.7	6.5
PPG-TF 541	6.7	6.7	6.7	6.3	6.7	6.7	6.3	5.3	6.7	6.7	6.3	7.0	6.5
23JWL	6.7	6.7	6.7	6.7	6.3	6.7	6.3	6.0	6.3	6.3	6.3	6.7	6.5
PPG-TF 497	6.3	6.7	6.7	6.7	6.7	6.7	6.0	5.3	6.7	6.7	6.7	6.7	6.5
PPG-TF 506	6.3	6.3	6.7	6.7	6.7	6.7	6.3	5.3	6.7	6.7	6.7	6.7	6.5
PPG-TF 422	6.3	7.0	7.0	7.0	6.3	6.7	6.0	5.7	6.3	6.3	6.3	6.7	6.5
DLF-TF-3880	6.0	6.3	6.3	6.3	6.7	6.7	6.3	6.0	6.7	6.7	6.7	6.7	6.4
REJUVENATE	6.3	6.7	6.7	6.7	6.7	6.7	6.0	5.0	6.7	6.7	6.7	6.7	6.4
BULLSEYE LTZ	6.3	6.3	6.7	6.7	6.7	6.7	6.3	5.7	6.7	6.7	6.3	6.3	6.4
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	7.0	6.3	6.3	6.7	6.3	6.3	6.3	6.7	6.3	6.7	6.0	6.4
GO-TETF	6.3	6.3	6.3	6.3	6.7	6.3	6.3	5.7	6.7	6.7	7.0	6.7	6.4
PPG-TF 498	6.7	6.7	6.7	6.3	6.7	6.7	6.3	5.3	6.7	6.7	6.3	6.3	6.4
PPG-TF 500	6.0	7.3	7.0	7.3	6.3	6.7	6.0	5.0	6.3	6.3	6.3	6.7	6.4
PST-5CHW2	7.0	6.3	6.7	6.3	6.3	6.7	6.3	5.7	6.3	6.3	6.3	7.0	6.4
DLF-TF-3876	6.3	6.3	6.3	6.3	6.7	6.3	6.3	6.0	7.0	6.7	6.7	6.0	6.4
PST-R5WG	7.0	7.0	7.0	6.7	6.3	6.3	6.0	5.7	6.3	6.3	6.0	6.3	6.4
SUPERSONIC 2GL (PPG-TF 493)	6.3	6.7	6.3	6.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.7	6.4
DLF-TF-3877	6.0	6.7	6.3	6.3	6.3	7.0	6.3	6.3	6.3	6.3	6.3	6.3	6.4
RAPTOR III	6.7	7.0	6.7	6.7	6.3	7.0	6.0	5.7	6.3	6.3	6.3	5.7	6.4
XANADU	6.3	6.7	6.3	6.7	6.3	6.7	6.3	6.0	6.3	6.3	6.3	6.3	6.4
GRIDIRON	6.3	6.7	6.7	6.7	6.3	6.7	6.3	5.7	6.3	6.3	6.3	6.3	6.4
KNOX	6.3	6.3	6.3	6.3	6.7	6.7	6.7	6.3	6.7	6.3	6.7	5.3	6.4
GO-BPTF-T	6.0	6.3	6.7	6.7	6.7	6.3	6.3	5.3	6.3	6.3	6.3	7.0	6.4
GO-SH19	6.7	6.0	6.7	6.7	6.3	6.3	6.3	5.7	6.3	6.3	6.3	6.7	6.4

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT CORVALLIS, OR (IN THE PACIFIC REGION) 1/
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DAYBREAK	7.0	6.7	6.7	6.7	6.3	6.3	6.3	5.7	6.3	6.0	6.0	6.0	6.3
DLF-TF-3875	6.7	6.3	6.3	6.3	6.3	6.3	6.3	5.7	6.3	6.3	6.3	6.7	6.3
LTP-GTM	6.3	6.7	6.3	6.3	6.0	6.7	6.3	6.7	6.3	6.0	6.7	5.7	6.3
NAI-SOTF	6.0	6.0	6.0	6.0	6.7	6.0	6.3	6.0	6.7	6.7	6.7	7.0	6.3
PADRE 2	6.7	6.3	6.3	6.3	6.3	6.7	6.0	5.3	6.3	6.7	6.3	6.7	6.3
PRIMO	6.7	6.7	6.7	6.3	6.3	6.0	6.0	5.7	6.3	6.3	6.7	6.3	6.3
SPYDER 3LS (PPG-TF 399)	6.0	6.7	6.7	6.7	6.3	6.3	6.0	5.7	6.3	6.3	6.3	6.7	6.3
TOP SHELF	6.3	6.7	6.7	6.7	6.3	6.7	6.3	5.3	6.3	6.3	6.0	6.3	6.3
DLF-TF-3844	6.0	6.7	6.3	6.3	6.7	6.3	6.0	5.3	6.3	6.3	6.7	6.7	6.3
PST-R5HD6	6.3	6.7	6.7	6.0	6.3	6.7	6.3	5.7	6.3	6.3	6.3	6.0	6.3
PPG-TF 477	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	6.3
TORINO	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.7	6.3
DLF-TF-3869	6.3	6.7	6.7	6.7	6.3	6.3	6.3	6.3	6.3	6.0	6.3	5.0	6.3
NAI-21GPS2	6.3	6.7	6.3	6.3	6.3	6.0	6.0	6.0	6.3	6.3	6.3	6.3	6.3
21GPS7	6.3	7.0	6.3	6.3	6.3	6.3	6.0	5.3	6.3	6.3	6.7	6.0	6.3
23HEG7	6.0	6.3	6.3	6.3	6.3	6.0	6.0	5.7	6.3	6.3	6.3	7.3	6.3
PPG-TF 499	6.0	7.0	6.3	6.3	6.3	6.7	6.3	5.7	6.3	6.0	6.3	6.0	6.3
PPG-TF 503	6.7	6.7	6.7	6.3	6.3	6.3	6.0	5.3	6.3	6.3	6.3	6.0	6.3
PPG-TF 540	6.3	6.0	6.3	6.7	6.3	6.3	6.3	5.7	6.3	6.3	6.3	6.3	6.3
PST-5DFD	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	6.3
PST-5CHR	6.3	6.7	6.3	6.3	6.3	6.3	6.3	5.3	6.3	6.3	6.0	6.3	6.3
VALKYRIE 2LS (PPG-TF 402)	6.3	6.3	6.3	6.3	6.3	6.7	6.0	5.3	6.3	6.3	6.3	6.3	6.3
DLF-TF-3868	6.7	6.7	6.7	6.7	6.3	6.0	6.0	5.3	6.3	6.0	6.0	6.0	6.2
LTP-SPP	6.3	6.3	6.3	6.7	6.3	6.3	6.0	5.0	6.3	6.3	6.3	6.3	6.2
RAD-TF146	6.0	6.7	6.7	7.0	6.3	6.3	6.0	5.7	6.3	6.0	5.7	6.0	6.2
PST-5EBP	6.3	7.0	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.2
BY-GLS1	6.0	6.7	6.3	6.7	6.0	6.7	6.0	5.7	6.0	6.0	6.0	6.3	6.2
DLF-TF-3870	6.0	7.0	6.3	6.3	6.3	6.3	6.3	5.7	6.3	6.0	6.3	5.3	6.2
DYNAMITE 2G-LS (PPG-TF 404)	6.3	6.0	6.3	6.3	6.3	6.0	6.0	5.7	6.3	6.3	6.3	6.3	6.2
ENDGAME	6.0	6.3	6.0	6.0	6.3	6.3	6.3	5.7	6.3	6.3	6.3	6.3	6.2
GET 21	6.0	6.0	6.0	6.0	6.3	6.0	6.3	6.0	6.3	6.3	6.3	6.7	6.2
NAI-HEG9	6.3	6.7	6.3	6.3	6.0	6.3	6.0	5.7	6.0	6.0	6.0	6.7	6.2
ATLAS	6.3	6.3	6.7	6.7	6.3	6.7	6.0	5.3	6.0	6.0	6.0	5.7	6.2
BGT2	6.7	6.3	6.3	6.3	6.3	6.3	6.0	5.7	6.0	6.0	6.0	6.0	6.2
DLF-TF-3867	6.0	6.0	6.3	6.7	6.0	6.7	6.0	6.0	6.0	6.0	6.0	6.3	6.2
DLF-TF-3873	6.3	6.3	6.3	6.3	6.0	6.3	6.0	5.7	6.3	6.3	6.0	6.0	6.2
FIREHAWK SLT	6.3	6.7	6.7	6.7	6.0	6.3	6.0	5.0	6.0	6.0	6.0	6.0	6.1
PPG-TF 405	6.0	6.3	6.0	6.0	6.3	6.0	6.0	5.7	6.3	6.3	6.3	6.3	6.1
SMG-TF24	6.3	6.0	6.0	5.7	6.3	6.0	6.0	6.0	6.3	6.3	6.3	6.3	6.1
BRAVO 2	5.7	6.7	6.3	6.3	6.0	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.1
PST-5LOD	6.3	6.3	6.7	6.3	6.3	6.0	6.0	6.0	6.3	5.7	6.3	5.0	6.1
BAR FA 412	6.7	6.3	6.3	6.3	6.0	6.3	6.0	5.0	6.0	6.0	5.7	6.3	6.1
CAPITAN	6.3	6.0	6.3	6.7	6.0	6.7	6.0	5.3	6.0	6.0	5.7	6.0	6.1
GLX STAR	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7	6.3	5.7	6.0	5.3	6.1
NAI-CEG2	5.7	6.0	6.3	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.1

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
(CONT'D) MONTH GROWN AT CORVALLIS, OR (IN THE PACIFIC REGION) 1/
2025 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PPG-TF 505	6.0	6.0	6.0	6.3	6.0	6.3	6.0	5.7	6.0	6.0	6.0	6.7	6.1
PPG-TF 539	6.3	6.3	6.3	6.3	6.0	6.0	6.0	5.7	6.0	6.0	6.0	6.0	6.1
PST-5CHWM	6.7	7.0	6.7	6.3	5.7	6.3	6.0	5.3	5.7	5.7	5.7	6.0	6.1
PVP-LOLA	6.0	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1
22LGT2	6.0	6.3	6.3	6.7	5.7	6.7	6.0	5.0	5.7	6.0	5.7	6.7	6.1
24FE7105	6.0	6.0	6.3	6.3	6.0	6.0	6.0	5.7	6.0	6.0	5.7	6.0	6.0
BONFIRE	6.0	5.7	6.0	6.0	6.0	6.0	6.0	5.0	6.0	6.3	6.0	7.0	6.0
RAD-TF136	6.3	6.0	6.3	6.7	6.0	6.7	6.0	5.0	6.0	5.7	6.0	5.3	6.0
RAPTOR 4LS (PPG-TF 433)	6.0	6.0	6.0	6.7	6.0	6.0	6.0	5.3	6.0	6.0	6.0	6.0	6.0
REBEL XPEDITION	6.0	5.7	6.0	6.0	6.3	6.3	6.0	5.3	6.3	6.0	6.3	5.7	6.0
ATF1832	6.0	6.0	6.0	6.0	6.0	6.3	5.7	5.0	5.7	6.0	6.0	6.7	5.9
NAI-2413	5.7	6.0	6.3	6.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3	5.9
NAI-GLW3	5.7	5.7	5.7	5.7	6.0	6.0	6.0	5.7	6.0	6.0	6.0	6.0	5.9
PRO GOLD	6.0	6.0	6.0	6.0	5.7	6.0	6.0	5.7	5.7	5.7	5.7	6.0	5.9
PPG-TF 507	6.0	6.0	5.7	6.0	5.7	6.0	5.7	5.7	5.7	5.7	5.7	6.0	5.8
DLF-TF-3872	5.7	5.7	6.0	6.0	6.3	5.7	5.7	5.0	6.0	6.0	5.7	6.0	5.8
NAI-BNTB	6.0	6.0	6.0	6.3	5.7	6.3	6.0	5.7	5.7	5.3	5.7	4.7	5.8
PST-5LSM	5.0	5.0	5.3	6.3	5.7	6.3	5.7	5.0	5.7	5.7	5.7	6.0	5.6
KY-31	5.3	5.0	5.0	5.0	3.7	5.7	4.0	3.0	3.7	4.0	3.7	5.0	4.4
LSD VALUE	1.0	1.1	1.0	1.0	0.9	0.9	0.8	1.1	0.9	0.9	0.9	1.2	0.6
C.V. (%)	9.9	10.2	9.2	9.6	9.1	9.2	8.0	11.9	8.9	8.6	9.2	11.4	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2025 DATA

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

NAME	ESTABLISHMENT	WEAR TOLERANCE RATINGS			QUALITY RATINGS								MEAN
	2024	MAY	JULY	OCOTBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
GRIDIRON	78.3	4.7	5.0	5.0	5.0	6.0	6.0	6.3	7.0	6.3	7.0	5.3	6.1
LTP-GTM	85.0	5.3	5.3	5.3	5.3	6.3	5.7	6.3	7.3	6.7	6.7	4.3	6.1
21GPS7	73.3	5.0	5.0	5.0	5.3	6.3	5.7	6.3	7.0	6.0	6.0	5.0	6.0
DLF-TF-3880	75.0	5.7	5.7	5.7	4.7	6.3	5.7	6.3	6.7	6.3	6.0	5.7	6.0
FIRECRACKER 2G-LS (PPG-TF 538)	81.7	5.7	5.7	5.7	5.7	6.0	5.7	6.0	6.3	6.7	6.3	5.7	6.0
PPG-TF 506	81.7	5.7	5.3	5.3	5.7	6.0	5.7	6.0	6.7	6.3	6.3	5.7	6.0
DLF-TF-3875	73.3	5.7	5.7	5.0	5.0	5.7	5.3	5.7	6.7	6.7	6.0	6.0	5.9
PST-5DFD	80.0	5.0	5.7	5.7	5.3	6.3	6.3	5.3	6.3	6.3	5.7	5.7	5.9
21CEG1	75.0	4.3	4.3	5.3	4.7	6.0	5.3	6.0	6.3	6.3	6.0	5.7	5.8
BULLSEYE LTZ	66.7	5.7	5.3	4.7	4.7	6.3	5.3	6.0	6.3	6.3	6.0	5.3	5.8
EL CAMINO	75.0	5.3	4.7	5.0	5.3	6.0	6.0	6.0	6.3	6.0	6.3	4.7	5.8
ENDGAME	81.7	5.0	5.0	4.7	5.3	6.0	6.0	6.0	6.0	6.0	5.7	5.3	5.8
NAI-LGT1	78.3	4.7	5.3	5.0	5.3	6.0	5.7	6.0	6.0	6.0	6.0	5.7	5.8
PPG-TF 504	70.0	4.3	4.3	4.7	4.7	5.7	5.7	6.0	6.7	6.0	6.0	5.7	5.8
RAPTOR 4LS (PPG-TF 433)	66.7	4.3	4.3	4.7	4.7	5.7	5.7	5.7	5.7	6.7	6.3	5.7	5.8
SETF 409	70.0	4.7	5.0	5.0	5.7	6.3	5.7	5.7	6.3	6.3	5.3	5.3	5.8
TORINO	73.3	4.3	5.0	5.0	5.0	6.0	5.3	5.7	6.3	6.3	6.3	5.7	5.8
23HEG7	71.7	4.7	4.3	4.7	5.0	5.7	5.7	6.0	5.7	6.0	6.0	5.3	5.7
DAYBREAK	76.7	5.3	4.7	4.7	5.0	5.7	6.0	5.3	6.0	6.0	6.0	5.3	5.7
DYNAMITE 2G-LS (PPG-TF 404)	68.3	5.0	5.3	5.0	4.3	6.3	5.7	5.3	6.3	6.0	6.3	5.0	5.7
GLX STAR	76.7	4.7	4.7	5.0	5.3	5.7	5.3	5.7	6.3	6.0	6.0	5.0	5.7
NAI-CEG2	75.0	5.0	5.3	5.3	5.3	5.0	5.7	5.7	6.3	6.0	5.7	5.7	5.7
PPG-TF 403	68.3	5.7	5.3	5.7	5.3	5.3	5.3	5.3	6.3	6.0	6.3	5.7	5.7
PPG-TF 508	75.0	6.0	6.0	5.7	5.0	5.7	5.3	5.7	6.0	6.3	6.0	5.7	5.7
BY-GLS4	83.3	5.7	5.3	5.3	5.3	5.7	5.7	5.7	6.0	5.7	5.3	5.3	5.6
DLF-TF-3844	61.7	5.3	5.0	5.3	5.0	6.0	5.0	6.0	5.7	5.7	6.0	5.3	5.6
DRAGSTER	66.7	5.3	5.0	4.3	4.3	5.3	5.3	6.0	6.3	6.0	6.3	5.0	5.6
GO-BPTF-T	60.0	5.3	5.3	5.0	4.7	6.0	5.7	6.0	5.3	5.7	6.0	5.3	5.6
LTP-SPP	75.0	5.7	5.0	5.3	4.7	6.3	5.3	5.7	6.0	6.0	5.7	5.0	5.6
PPG-TF 427	73.3	5.7	5.3	5.7	5.3	5.7	5.7	5.7	5.3	6.0	6.0	5.3	5.6
PPG-TF 499	70.0	4.3	4.3	4.7	5.0	5.7	5.7	5.7	6.0	5.3	6.0	5.3	5.6
PPG-TF 500	73.3	5.0	5.7	5.0	5.0	5.7	5.7	5.7	5.7	6.0	5.3	6.0	5.6
PPG-TF 505	73.3	5.0	5.3	5.3	5.0	5.7	5.7	5.7	6.0	5.7	6.0	5.3	5.6
PST-5CHW2	68.3	4.7	4.7	4.3	4.7	5.7	5.7	5.3	6.7	5.7	5.3	5.7	5.6
PVP-LOLA	73.3	5.0	4.7	5.0	5.0	5.7	5.0	5.3	6.0	6.0	6.3	5.3	5.6
VALIANT (PPG-TF 437)	75.0	5.0	4.7	4.3	5.3	5.7	5.7	5.7	6.0	5.3	6.0	5.0	5.6
23JWL	73.3	5.7	5.7	5.7	4.3	5.7	5.0	5.7	6.3	6.3	6.0	5.0	5.5
BY-GLS1	75.0	4.7	5.0	5.0	5.0	5.3	5.3	6.0	6.3	5.7	5.3	5.0	5.5
DLF-TF-3872	68.3	6.3	6.0	5.7	5.0	5.0	5.7	6.0	5.3	5.7	5.7	5.3	5.5
GET 21	80.0	5.3	5.3	5.0	5.7	5.3	4.7	5.3	6.0	5.7	5.7	5.7	5.5
NAI-GLW3	71.7	5.0	5.0	5.3	4.7	6.0	5.3	5.3	6.0	6.0	6.0	5.0	5.5
PPG-TF 405	68.3	4.7	4.7	5.0	4.7	5.3	5.7	5.7	6.0	6.0	5.7	4.7	5.5
PPG-TF 440	66.7	5.7	5.7	5.3	5.0	5.7	5.3	5.7	6.0	5.7	6.0	5.0	5.5
PPG-TF 497	75.0	4.3	4.3	4.3	4.7	5.3	5.3	5.7	6.3	5.3	5.7	6.0	5.5
PPG-TF 498	80.0	5.0	5.0	5.3	5.7	5.3	4.7	5.7	5.7	6.0	5.7	5.7	5.5

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2025 DATA

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

NAME	ESTABLISHMENT	WEAR TOLERANCE RATINGS				QUALITY RATINGS							
	2024	MAY	JULY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PPG-TF 507	70.0	5.3	5.0	5.3	4.7	5.0	5.3	5.3	6.0	6.0	6.7	5.3	5.5
PRO GOLD	75.0	5.3	4.7	4.7	5.3	5.7	5.7	5.7	6.0	5.0	5.7	5.0	5.5
TOP SHELF	81.7	5.0	5.3	5.3	5.7	5.7	6.0	5.3	5.3	5.0	5.7	5.3	5.5
VALKYRIE 2LS (PPG-TF 402)	73.3	5.7	5.7	6.0	4.3	5.3	5.3	5.7	6.0	6.0	5.7	5.3	5.5
22LGT2	75.0	5.0	5.3	4.7	5.0	5.7	5.0	5.3	5.7	5.7	5.7	5.3	5.4
BGT2	70.0	5.3	5.3	4.7	4.3	5.7	5.7	6.0	5.3	5.3	5.7	5.3	5.4
CAPITAN	71.7	5.0	4.3	5.0	4.7	5.7	5.3	5.7	5.3	5.3	5.7	5.3	5.4
DLF-TF-3867	75.0	4.7	4.0	4.3	5.3	5.7	4.7	5.3	5.3	5.3	6.0	5.7	5.4
DLF-TF-3876	63.3	5.7	6.3	6.0	5.0	6.3	5.3	5.7	5.0	5.7	5.3	4.7	5.4
NAI-21GPS2	70.0	4.3	4.7	4.3	4.7	5.3	5.3	6.0	5.7	5.3	5.3	5.7	5.4
PPG-TF 422	76.7	5.3	4.7	5.0	5.3	5.0	5.3	5.3	6.3	6.0	5.3	4.3	5.4
PPG-TF 435	68.3	4.3	4.7	4.7	4.3	5.7	5.0	5.0	6.0	5.7	5.7	5.7	5.4
PPG-TF 503	66.7	5.0	4.7	4.7	5.0	5.3	5.0	5.3	5.7	5.7	5.7	5.3	5.4
PPG-TF 539	78.3	4.3	4.3	5.0	4.7	5.3	5.3	5.7	5.3	5.3	5.7	5.7	5.4
PPG-TF 541	76.7	4.7	5.0	4.7	5.3	5.7	5.3	5.3	5.7	5.3	5.3	5.3	5.4
PST-5CHWM	68.3	5.3	4.7	5.3	5.3	5.3	5.3	5.3	6.0	5.7	5.3	5.0	5.4
PST-5EBP	75.0	4.7	4.0	4.3	5.3	5.0	5.7	6.0	6.0	5.0	5.3	4.7	5.4
PST-5LOD	66.7	4.0	4.3	4.3	4.7	5.0	5.7	5.3	6.0	5.7	5.7	5.3	5.4
RAPTOR III	78.3	5.7	5.0	5.3	5.3	5.7	5.7	5.3	6.0	5.0	5.3	5.0	5.4
SMG-TF24	81.7	4.3	4.7	4.7	4.7	5.7	5.3	5.3	5.7	5.3	5.7	5.3	5.4
BAR FA 408	73.3	4.7	4.3	4.7	4.7	5.3	5.3	5.0	5.3	5.0	5.7	5.7	5.3
DLF-TF-3869	66.7	4.3	4.0	4.3	5.0	5.3	4.3	5.0	5.0	5.7	6.3	5.3	5.3
DLF-TF-3873	71.7	4.7	5.3	5.0	4.7	5.0	5.3	5.3	5.3	5.7	5.7	5.3	5.3
DLF-TF-3877	73.3	5.0	5.3	5.3	5.0	5.3	5.0	5.7	5.3	5.7	5.7	4.7	5.3
EASY GREEN	70.0	5.0	4.7	4.7	5.7	5.3	5.3	5.0	5.0	5.0	5.0	5.7	5.3
NAI-2413	75.0	3.3	3.3	3.7	5.3	5.0	5.3	4.7	5.3	5.3	5.3	5.7	5.3
PPG-TF 475	65.0	4.3	5.0	5.3	4.3	5.0	5.3	6.0	5.3	5.3	6.0	5.3	5.3
PPG-TF 477	68.3	4.3	4.3	4.7	5.0	5.0	4.7	5.3	6.0	5.3	5.3	5.3	5.3
PPG-TF 540	75.0	4.0	4.3	4.0	5.0	6.0	5.0	5.3	5.7	5.3	5.0	5.0	5.3
SETFT3	66.7	5.7	5.0	5.7	5.3	5.7	5.7	5.3	5.3	5.3	5.0	4.7	5.3
SPYDER 3LS (PPG-TF 399)	63.3	4.7	4.7	4.7	4.7	5.0	4.7	5.3	6.0	5.3	5.7	5.7	5.3
ATF1832	73.3	5.3	4.7	5.3	5.3	5.0	5.0	5.0	5.3	5.3	5.3	5.3	5.2
BATTLE HAWK	68.3	4.3	4.7	4.7	5.3	5.0	4.7	5.0	5.7	5.3	5.3	5.3	5.2
DLF-TF-3870	75.0	4.7	4.7	5.0	4.3	5.0	5.0	6.3	5.7	5.3	5.3	4.7	5.2
DLF-TF-3874	68.3	4.7	5.3	4.3	4.7	5.0	5.3	5.7	5.7	5.0	5.3	5.0	5.2
NAI-BNTB	75.0	4.0	3.7	4.0	4.7	6.0	4.7	5.3	5.3	5.0	5.3	5.0	5.2
PADRE 2	56.7	4.3	4.7	4.3	5.0	5.0	5.0	5.3	5.3	5.0	5.3	5.3	5.2
PST-5CHR	68.3	4.7	4.3	5.0	4.7	5.3	4.7	5.3	5.3	5.0	5.3	5.7	5.2
REJUVENATE	63.3	5.0	5.7	5.0	5.3	6.0	5.3	5.3	5.0	5.0	5.0	4.7	5.2
SUPERSONIC 2GL (PPG-TF 493)	66.7	3.7	3.7	3.7	4.7	5.0	5.3	5.3	5.3	5.7	5.0	5.0	5.2
ATLAS	71.7	5.0	4.3	5.0	5.3	5.3	5.0	4.7	5.0	5.3	5.0	5.0	5.1
BRAVO 2	71.7	5.0	4.3	4.3	4.7	5.3	5.3	4.7	5.0	5.0	5.0	5.7	5.1
FIREHAWK SLT	70.0	4.7	4.3	4.7	5.3	5.3	4.7	5.0	5.3	5.0	5.0	5.0	5.1
NAI-SOTF	78.3	5.0	5.0	4.7	4.7	5.3	4.7	5.7	5.3	5.0	5.0	5.3	5.1
PST-5LSM	73.3	4.7	5.0	4.0	5.0	5.0	4.3	5.0	5.3	5.0	5.7	5.3	5.1

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2025 DATA

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

NAME	ESTABLISHMENT	WEAR TOLERANCE RATINGS			QUALITY RATINGS								MEAN
	2024	MAY	JULY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PST-R5WG	66.7	5.7	4.3	4.7	5.0	5.3	5.3	5.7	5.7	4.7	5.0	4.3	5.1
DLF-TF-3868	71.7	4.3	4.7	4.3	4.7	5.3	4.7	5.3	5.7	5.0	5.3	4.3	5.0
KY-31	78.3	3.0	3.0	3.0	5.3	5.0	6.0	4.7	5.3	4.7	4.7	4.0	5.0
NAI-HEG9	71.7	4.0	4.0	4.3	4.3	5.0	4.7	5.3	5.3	5.0	5.3	5.0	5.0
PST-R5HD6	65.0	4.3	4.7	4.7	4.3	5.0	4.7	5.0	5.3	5.0	5.7	5.0	5.0
RAD-TF134	66.7	5.3	5.0	5.3	4.3	5.3	5.0	4.7	5.3	5.0	5.3	4.7	5.0
XANADU	66.7	5.3	5.0	5.3	4.3	5.0	5.0	5.3	5.0	5.3	5.3	5.0	5.0
24FE7105	76.7	4.0	4.3	4.0	4.7	6.0	4.0	4.3	5.0	5.0	5.0	5.0	4.9
BAR FA 412	78.3	5.3	4.3	4.3	5.0	5.3	4.7	4.7	5.0	5.0	5.0	4.3	4.9
GO-TETF	65.0	4.7	4.7	4.7	4.0	5.0	5.0	4.3	5.0	5.3	5.7	5.0	4.9
KNOX	61.7	4.7	5.7	4.7	4.7	5.3	5.0	5.7	5.0	4.3	5.0	4.0	4.9
RAD-TF147	78.3	5.3	5.7	5.7	4.3	5.7	4.7	5.0	4.7	5.0	5.0	5.0	4.9
PRIMO	73.3	4.3	4.3	4.7	4.3	5.0	4.7	4.7	4.7	5.0	5.0	5.0	4.8
BONFIRE	61.7	4.7	4.0	3.7	4.3	4.0	4.3	5.3	5.3	4.7	5.0	4.3	4.7
GO-SH19	60.0	3.3	4.0	4.0	4.7	5.0	4.7	4.3	4.7	5.0	5.0	4.3	4.7
RAD-TF136	73.3	4.3	5.0	4.3	4.7	4.7	4.0	4.3	5.0	5.0	5.0	4.3	4.6
RAD-TF146	73.3	4.3	4.3	4.3	4.7	5.0	4.0	4.3	4.7	4.7	5.0	4.3	4.6
REBEL XPEDITION	61.7	4.0	4.0	4.3	4.3	5.3	4.3	4.3	4.3	4.7	5.0	4.7	4.6
LSD VALUE	8.3	1.2	1.0	0.9	0.8	0.7	0.9	0.9	0.8	0.7	1.0	1.0	0.4
C.V. (%)	7.0	13.2	11.9	11.1	8.6	7.8	9.4	9.4	8.7	7.7	9.5	10.2	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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	COLOR NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
23JWL	8.0	3.0	7.3	5.7	6.7	8.0	8.0	9.0	8.7	8.3	9.0	9.0	8.3
ENDGAME	7.3	6.3	7.0	6.0	5.7	7.7	8.7	9.0	9.0	8.7	8.7	9.0	8.3
NAI-LGT1	8.0	6.7	7.0	6.3	6.3	7.7	7.7	8.7	8.7	9.0	9.0	9.0	8.3
PPG-TF 506	8.0	4.0	7.3	5.7	6.3	8.3	8.0	8.7	8.3	8.7	9.0	8.7	8.3
SMG-TF24	7.7	7.3	8.0	6.0	6.7	8.0	8.3	8.3	9.0	9.0	9.0	8.3	8.3
DLF-TF-3873	8.0	7.0	8.0	6.3	5.3	8.3	8.7	8.7	9.0	9.0	8.7	7.7	8.2
21CEG1	7.3	5.0	7.3	6.7	6.7	7.0	7.3	8.7	8.3	9.0	9.0	8.7	8.1
BGT2	7.7	5.7	7.3	6.7	5.7	7.7	7.7	9.0	8.7	9.0	9.0	8.3	8.1
NAI-GLW3	7.7	6.0	7.0	6.0	4.3	8.0	8.3	9.0	8.3	9.0	9.0	8.7	8.1
BULLSEYE LTZ	8.0	7.3	6.7	6.0	5.7	8.0	8.7	7.7	8.3	9.0	8.7	8.3	8.0
LTP-GTM	7.7	6.7	6.7	5.7	7.0	8.0	8.3	9.0	7.7	7.3	8.3	8.3	8.0
NAI-BNTB	8.0	4.3	6.7	5.7	6.3	9.0	7.7	8.3	7.7	8.3	8.3	8.0	8.0
RAD-TF136	7.7	4.7	7.3	6.0	5.3	8.0	8.0	8.3	9.0	9.0	8.3	7.7	8.0
SETF 409	7.7	5.3	6.7	5.7	6.7	8.0	8.3	8.7	8.0	8.0	8.3	8.3	8.0
DRAGSTER	8.0	5.3	7.3	5.7	5.3	7.0	7.7	8.3	8.7	9.0	8.7	8.3	7.9
DYNAMITE 2G-LS (PPG-TF 404)	7.7	6.7	7.0	5.3	4.7	8.3	8.0	8.7	8.7	8.7	8.3	8.0	7.9
EL CAMINO	8.0	6.7	7.7	6.0	5.0	7.0	7.7	8.3	9.0	8.7	8.7	8.7	7.9
PPG-TF 540	7.3	6.3	6.7	5.7	5.7	7.0	7.7	7.7	9.0	9.0	8.7	8.7	7.9
PST-5DFD	7.7	5.3	6.7	6.3	5.7	8.0	8.3	9.0	7.7	8.0	8.7	7.7	7.9
BRAVO 2	7.7	4.3	7.0	5.7	6.3	7.3	7.7	8.3	8.7	8.0	8.3	8.0	7.8
DLF-TF-3872	7.3	8.0	7.0	6.0	4.3	7.0	7.7	8.7	8.7	9.0	8.7	8.0	7.8
NAI-2413	7.7	7.0	7.3	6.0	4.7	7.3	8.7	9.0	8.7	8.7	8.3	7.3	7.8
PPG-TF 477	8.0	6.3	7.0	6.0	4.3	7.0	7.7	8.7	9.0	9.0	8.0	8.7	7.8
PPG-TF 504	8.0	6.0	6.7	6.0	5.3	8.0	8.0	8.3	8.0	8.7	8.0	8.0	7.8
PPG-TF 539	7.3	5.7	7.0	6.0	4.3	7.3	8.0	8.7	8.3	9.0	8.7	8.0	7.8
BY-GLS1	7.3	4.0	7.0	5.7	4.0	8.0	7.0	8.7	8.3	9.0	8.3	8.0	7.7
DLF-TF-3877	7.3	5.7	7.3	6.0	4.7	6.7	7.7	9.0	8.7	9.0	8.0	7.7	7.7
NAI-CEG2	8.0	6.3	6.3	5.7	5.7	7.3	7.7	8.3	8.0	8.7	8.0	8.0	7.7
PPG-TF 508	7.3	7.3	6.3	6.0	5.7	7.3	7.3	9.0	7.0	8.7	8.3	8.3	7.7
PST-5LOD	7.7	7.0	7.3	5.3	5.0	7.7	7.7	9.0	7.7	8.7	8.0	7.7	7.7
ATLAS	7.7	6.3	7.0	5.7	4.7	8.0	7.7	8.3	7.7	8.7	8.0	7.7	7.6
BATTLE HAWK	7.7	6.7	7.7	5.7	4.3	7.0	8.0	8.0	9.0	9.0	8.0	7.3	7.6
PPG-TF 403	7.7	7.0	6.0	5.7	6.3	8.7	7.7	8.0	7.0	7.7	7.7	8.0	7.6
PPG-TF 422	7.3	3.7	6.7	6.0	7.3	7.3	6.7	8.0	8.7	7.7	7.7	7.3	7.6
PPG-TF 427	7.3	6.0	7.0	5.7	4.3	7.3	7.7	8.7	9.0	8.7	7.7	7.3	7.6
RAD-TF146	7.7	5.3	7.0	6.3	5.3	7.7	8.0	8.0	8.3	8.0	7.7	7.7	7.6
PPG-TF 503	7.0	6.7	7.0	6.3	5.0	6.7	6.7	8.3	8.7	8.7	8.3	8.0	7.5
PPG-TF 541	7.0	6.0	6.7	6.0	4.7	6.7	7.7	8.3	8.7	8.7	8.0	7.0	7.5
PST-R5WG	7.3	6.0	7.0	5.7	5.0	7.3	7.7	7.3	8.7	8.7	8.0	7.7	7.5
RAPTOR III	7.7	6.3	6.7	6.0	6.0	7.7	8.0	8.3	8.0	8.0	6.7	7.0	7.5
SPYDER 3LS (PPG-TF 399)	7.0	7.0	7.0	5.7	4.3	7.3	8.0	9.0	8.7	8.7	7.0	6.7	7.5
TOP SHELF	7.3	5.7	7.7	5.7	5.0	6.7	7.7	8.3	9.0	8.3	7.7	7.0	7.5
VALKYRIE 2LS (PPG-TF 402)	7.7	5.7	7.0	5.7	5.0	7.3	7.7	8.3	9.0	8.0	7.7	7.3	7.5
DLF-TF-3844	7.7	5.3	7.0	5.7	5.3	7.3	7.7	8.3	8.7	8.3	6.7	6.7	7.4
PADRE 2	7.3	6.7	6.7	5.7	5.0	6.7	7.7	8.0	9.0	8.3	7.3	7.3	7.4

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

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

NAME	GENETIC	LEAF	SUMMER	COLOR	APR	MAY	JUN	QUALITY RATINGS					NOV	MEAN
	COLOR	TEXTURE	DENSITY	NOVEMBER				JUL	AUG	SEP	OCT			
PPG-TF 475	7.3	4.3	7.0	6.0	4.7	7.0	8.0	8.7	7.7	8.0	8.0	7.3	7.4	
PRO GOLD	7.0	5.3	7.3	5.7	5.7	8.0	8.3	7.3	8.7	8.3	6.7	6.3	7.4	
SUPERSONIC 2GL (PPG-TF 493)	7.7	5.7	6.7	5.3	5.0	6.7	7.3	8.0	8.3	8.0	8.0	8.0	7.4	
22LGT2	7.3	4.0	6.0	6.0	5.7	7.0	7.3	7.7	7.0	8.0	8.0	7.3	7.3	
DLF-TF-3880	8.0	6.3	6.7	5.7	6.7	7.3	6.7	8.3	7.3	6.3	7.3	8.0	7.3	
FIRECRACKER 2G-LS (PPG-TF 538)	8.0	5.0	7.3	5.3	3.7	7.3	7.3	7.7	9.0	8.0	8.0	7.7	7.3	
KNOX	7.3	5.3	6.7	5.7	5.0	8.0	8.7	8.7	7.0	8.0	6.7	6.3	7.3	
LTP-SPP	7.3	5.3	6.7	6.0	5.0	6.7	7.3	7.3	8.7	8.3	7.7	7.3	7.3	
PST-5LSM	7.3	5.7	7.3	5.7	4.3	7.0	7.7	8.0	9.0	8.0	7.3	6.7	7.3	
RAPTOR 4LS (PPG-TF 433)	7.7	6.7	6.3	5.3	5.3	7.3	7.3	8.7	7.7	8.0	6.0	7.7	7.3	
TORINO	7.3	7.3	6.7	5.3	4.3	7.7	7.7	8.7	8.3	8.3	7.0	6.7	7.3	
21GPS7	7.7	4.7	6.7	5.3	4.7	7.0	7.0	7.7	8.0	8.0	7.7	7.3	7.2	
BY-GLS4	7.0	3.7	6.7	5.3	4.3	6.3	7.3	8.3	8.3	8.7	7.0	7.0	7.2	
EASY GREEN	7.0	6.3	7.0	5.3	4.0	6.3	7.0	8.0	8.7	8.7	8.0	7.0	7.2	
FIREHAWK SLT	8.0	6.3	6.7	5.7	5.7	6.7	7.0	7.3	8.3	8.0	7.3	7.0	7.2	
NAI-21GPS2	7.3	6.3	7.3	6.0	5.0	6.7	7.0	8.0	8.7	7.7	7.3	7.3	7.2	
NAI-HEG9	7.0	4.3	6.3	5.3	4.3	6.7	8.0	8.3	7.3	8.7	7.3	7.0	7.2	
PPG-TF 497	7.3	5.0	6.0	6.0	6.3	6.3	7.3	7.7	7.7	8.0	6.7	7.3	7.2	
PPG-TF 498	7.3	6.0	6.0	5.7	5.3	6.7	7.0	8.3	8.3	7.7	7.0	7.3	7.2	
PPG-TF 500	8.0	5.3	7.0	6.0	5.7	7.0	7.3	7.3	7.0	8.0	7.7	7.7	7.2	
PPG-TF 507	7.0	6.0	7.0	5.3	5.3	6.7	7.3	8.3	8.0	8.3	6.7	6.7	7.2	
PST-5CHR	7.0	7.3	7.0	5.3	4.0	7.0	7.3	8.3	9.0	7.7	7.3	7.0	7.2	
VALIANT (PPG-TF 437)	7.3	5.0	7.0	5.3	4.3	6.3	7.0	8.0	9.0	8.7	7.7	6.7	7.2	
23HEG7	7.0	5.3	6.3	5.7	5.0	6.3	6.7	8.0	8.0	8.0	7.3	7.7	7.1	
DLF-TF-3868	7.3	6.0	6.7	5.7	4.7	6.0	7.0	8.3	8.7	7.3	7.3	7.7	7.1	
DLF-TF-3869	7.3	5.7	6.7	5.7	4.7	7.0	7.3	8.0	8.7	8.0	6.7	6.3	7.1	
GET 21	7.7	6.0	6.7	5.7	5.3	6.7	7.0	8.3	6.7	7.3	8.0	7.7	7.1	
PPG-TF 440	8.0	6.3	7.0	5.3	6.3	7.0	8.0	9.0	7.0	6.0	6.3	7.3	7.1	
PPG-TF 505	7.0	4.7	7.0	5.7	4.0	6.0	8.0	8.0	8.7	8.3	7.0	6.7	7.1	
REBEL XPEDITION	7.7	6.7	7.3	5.7	5.3	7.0	7.0	8.0	9.0	8.3	6.7	5.3	7.1	
CAPITAN	7.3	4.3	6.0	5.3	5.0	6.7	7.7	8.0	7.7	7.7	6.7	6.3	7.0	
DLF-TF-3867	7.0	5.7	7.3	5.7	4.7	6.3	7.3	7.7	7.3	8.3	7.0	7.3	7.0	
PST-R5HD6	7.3	6.3	7.0	5.7	4.0	7.0	7.7	8.0	8.7	7.7	6.7	6.3	7.0	
PPG-TF 499	7.3	5.0	6.7	5.3	6.0	7.0	8.0	8.7	7.3	6.7	5.3	6.3	6.9	
PST-5CHWM	7.0	6.7	7.0	6.0	5.0	6.3	6.3	8.0	8.0	7.7	7.0	7.0	6.9	
GLX STAR	7.0	6.7	6.7	5.0	5.0	6.3	7.0	7.7	7.7	8.0	6.3	6.7	6.8	
GO-BPTF-T	7.3	6.3	6.3	5.7	5.3	7.3	8.0	7.3	7.3	6.3	6.3	6.7	6.8	
GO-SH19	7.3	5.3	6.3	6.3	4.3	6.3	7.3	7.7	8.3	7.7	6.7	6.3	6.8	
GO-TETF	7.7	6.3	7.0	6.0	4.0	6.3	7.7	7.7	8.3	7.7	6.3	6.0	6.8	
PPG-TF 435	7.7	4.0	6.3	5.3	6.3	6.3	6.0	7.3	6.3	7.7	7.3	7.3	6.8	
PST-5EBP	7.0	5.7	6.7	5.0	4.0	6.3	7.0	8.3	8.3	7.7	6.7	5.7	6.8	
RAD-TF147	7.7	6.0	7.0	6.3	4.3	6.7	7.3	7.3	8.7	7.7	6.7	6.0	6.8	
ATF1832	7.3	5.3	7.0	6.0	4.3	6.3	7.0	7.3	8.3	8.0	6.3	6.0	6.7	
24FE7105	7.3	7.0	6.7	6.0	4.7	6.0	7.0	8.0	8.7	6.7	5.3	6.3	6.6	
DLF-TF-3876	7.3	5.3	6.7	5.7	5.0	6.0	7.0	8.0	9.0	6.3	5.7	5.7	6.6	

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													
NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS		SEP	OCT	NOV	MEAN
PVP-LOLA	7.0	5.7	6.3	5.7	4.0	5.7	6.3	7.3	7.7	8.3	7.0	6.7	6.6
RAD-TF134	7.0	6.0	7.0	5.7	4.3	5.7	6.3	6.7	8.7	8.3	7.0	5.7	6.6
GRIDIRON	7.3	4.3	6.7	5.0	4.7	5.7	6.0	7.0	7.0	7.7	7.0	7.0	6.5
BAR FA 412	7.0	7.0	6.3	6.0	4.7	6.3	7.0	6.7	8.7	6.7	5.7	5.3	6.4
NAI-SOTF	7.7	6.0	7.3	6.0	5.0	6.0	6.0	7.0	8.7	5.7	6.7	6.3	6.4
PPG-TF 405	7.7	6.0	6.3	5.7	5.3	6.0	6.0	7.0	8.0	7.3	6.0	5.3	6.4
SETFT3	7.0	4.3	6.3	5.7	4.3	5.3	6.7	7.0	7.3	8.0	6.0	6.3	6.4
BONFIRE	6.7	5.0	6.7	5.0	4.0	5.3	6.3	7.3	9.0	7.7	5.7	5.3	6.3
DLF-TF-3875	7.0	5.0	7.0	5.7	4.0	6.0	6.7	7.3	9.0	7.3	5.7	4.7	6.3
DLF-TF-3874	7.3	5.7	7.3	6.0	4.7	5.7	6.7	7.0	7.7	6.7	6.0	5.0	6.2
PST-5CHW2	7.0	6.7	6.7	5.3	4.0	5.3	6.3	6.7	9.0	7.0	5.7	5.3	6.2
PRIMO	7.3	7.0	7.0	5.7	4.0	4.7	5.3	6.7	9.0	6.7	6.0	5.7	6.0
DAYBREAK	7.0	6.0	6.7	6.0	4.0	5.7	5.7	6.7	8.7	6.7	5.0	5.0	5.9
DLF-TF-3870	7.3	4.7	6.7	4.7	4.7	5.0	6.0	7.0	8.0	6.0	5.0	5.3	5.9
XANADU	7.0	5.3	6.3	6.0	4.0	5.0	6.0	6.7	8.7	5.3	4.3	4.7	5.6
BAR FA 408	7.0	5.7	6.3	5.7	4.0	5.3	6.0	6.7	6.7	6.0	4.7	4.3	5.5
REJUVENATE	7.0	3.7	6.7	6.3	4.0	4.0	4.7	6.3	7.7	5.7	4.3	4.0	5.1
KY-31	4.0	5.7	5.7	5.0	4.0	4.3	4.3	5.0	6.0	5.0	4.7	4.0	4.7
LSD VALUE	0.9	7.2	1.8	1.8	3.6	2.8	2.6	3.1	2.6	3.9	3.2	3.5	1.9
C.V. (%)	6.9	29.3	9.2	9.7	24.6	17.9	15.1	13.7	12.2	17.0	20.1	21.5	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 13.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

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

NAME	PERCENT GROUND COVER JULY-NOVEMBER 2025				QUALITY 2024		PERCENT ESTABLISHMENT 2024	
	JULY	AUGUST	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER
23JWL	89.0	85.7	82.7	60.7	4.3	8.0	88.0	88.3
ENDGAME	90.0	86.3	78.3	60.3	4.3	8.7	80.7	95.7
NAI-LGT1	88.3	86.3	83.0	60.7	4.3	9.0	73.0	96.3
PPG-TF 506	87.7	81.3	78.0	56.7	4.0	8.3	79.7	91.0
SMG-TF24	87.0	89.3	81.0	58.0	3.7	7.3	56.0	77.3
DLF-TF-3873	90.7	90.0	74.7	51.3	4.3	8.3	82.0	91.3
21CEG1	88.7	82.7	83.3	64.0	4.7	7.0	84.7	77.7
BGT2	86.3	85.0	82.3	60.7	4.0	8.3	74.3	91.7
NAI-GLW3	92.0	82.3	82.3	60.0	3.7	9.0	72.3	97.3
BULLSEYE LTZ	75.0	79.0	76.7	59.7	4.3	8.3	81.3	94.0
LTP-GTM	89.7	71.7	70.7	55.0	4.3	9.0	89.0	94.3
NAI-BNTB	78.7	70.7	70.0	55.0	3.7	8.7	69.3	91.7
RAD-TF136	78.3	87.0	68.0	49.3	3.7	6.0	67.0	65.3
SETF 409	86.7	70.7	72.7	54.0	4.3	8.7	87.3	95.7
DRAGSTER	85.3	83.7	78.3	57.7	4.3	9.0	89.7	95.0
DYNAMITE 2G-LS (PPG-TF 404)	85.0	85.7	74.0	53.0	4.3	8.0	77.3	84.7
EL CAMINO	88.3	92.7	77.3	61.7	4.0	9.0	85.0	97.0
PPG-TF 540	89.0	89.0	80.0	61.7	4.3	8.3	80.0	88.7
PST-5DFD	88.7	73.0	71.3	53.3	4.0	8.7	82.7	95.7
BRAVO 2	88.7	80.0	71.0	55.3	4.3	8.3	79.3	90.0
DLF-TF-3872	88.3	82.3	73.0	50.7	3.7	8.3	73.7	90.7
NAI-2413	90.3	85.0	70.7	49.0	4.3	7.7	82.3	85.3
PPG-TF 477	90.7	88.0	72.0	60.3	4.7	8.0	85.7	87.0
PPG-TF 504	79.7	78.0	70.0	55.3	4.0	7.3	54.7	77.3
PPG-TF 539	88.3	80.0	79.7	55.7	4.0	8.3	79.7	89.0
BY-GLS1	89.0	78.3	72.3	52.3	4.0	8.7	70.7	92.3
DLF-TF-3877	93.0	86.0	69.0	50.3	4.3	7.7	78.7	82.7
NAI-CEG2	81.3	74.0	70.3	54.7	4.3	8.7	77.7	93.3
PPG-TF 508	90.7	62.3	71.0	56.0	4.0	8.3	80.7	91.0
PST-5LOD	87.0	74.0	66.0	51.7	4.3	8.3	88.0	88.7
ATLAS	85.0	73.7	69.3	52.7	4.3	9.0	83.3	96.7
BATTLE HAWK	85.3	88.3	64.7	47.3	3.3	7.0	61.3	76.0
PPG-TF 403	85.7	59.3	64.3	54.0	4.0	8.3	80.7	90.0
PPG-TF 422	77.0	81.3	61.7	48.3	4.0	8.0	84.3	87.3
PPG-TF 427	89.7	89.7	67.3	50.3	4.0	7.7	66.0	83.0
RAD-TF146	79.7	81.0	63.0	50.0	4.7	8.3	81.3	91.3
PPG-TF 503	86.7	86.0	72.3	54.0	4.3	7.3	77.0	78.7
PPG-TF 541	75.7	79.7	69.0	46.3	4.0	7.3	75.7	79.3
PST-R5WG	77.7	83.7	67.0	50.0	4.0	7.7	68.3	85.0
RAPTOR III	82.7	68.3	56.7	47.3	3.7	7.0	65.0	74.0
SPYDER 3LS (PPG-TF 399)	86.0	81.0	59.3	43.0	3.7	6.0	63.7	63.7
TOP SHELF	87.0	93.3	64.0	45.3	3.7	8.3	76.7	93.0
VALKYRIE 2LS (PPG-TF 402)	87.3	87.7	66.7	47.7	4.3	7.3	88.7	78.7
DLF-TF-3844	85.7	82.3	53.3	42.7	4.3	7.7	79.0	82.3
PADRE 2	85.7	90.0	61.7	48.3	4.0	8.0	66.3	86.3

TABLE 13.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

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

NAME	PERCENT GROUND COVER JULY-NOVEMBER 2025				QUALITY 2024		PERCENT ESTABLISHMENT 2024	
	JULY	AUGUST	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER
PPG-TF 475	90.3	72.0	72.0	48.0	4.3	8.7	83.7	95.0
PRO GOLD	79.3	84.0	53.0	38.7	3.7	7.7	55.3	81.0
SUPERSONIC 2GL (PPG-TF 493)	85.3	81.3	71.3	58.0	4.7	8.7	91.7	95.7
22LGT2	78.7	59.0	69.0	50.3	4.7	8.0	84.7	89.0
DLF-TF-3880	87.0	71.7	59.0	53.7	4.0	8.7	83.7	93.0
FIRECRACKER 2G-LS (PPG-TF 538)	79.3	87.7	72.7	51.0	3.7	6.3	56.3	65.0
KNOX	87.0	56.7	51.3	36.7	4.0	7.3	69.0	79.7
LTP-SPP	79.7	85.3	64.3	48.7	4.7	8.0	78.7	88.7
PST-5LSM	80.0	86.3	63.7	42.7	3.3	7.0	52.7	72.7
RAPTOR 4LS (PPG-TF 433)	93.7	67.0	50.3	53.3	4.0	9.0	75.0	94.3
TORINO	87.0	75.7	61.0	44.3	3.7	7.0	61.0	72.0
21GPS7	83.3	73.7	64.0	47.3	4.0	8.3	71.3	90.7
BY-GLS4	85.7	80.3	56.0	42.7	4.0	7.7	78.0	82.7
EASY GREEN	82.7	81.7	64.7	44.7	4.3	6.7	64.3	71.7
FIREHAWK SLT	80.0	83.3	60.0	45.0	4.3	9.0	85.0	96.3
NAI-21GPS2	81.7	84.0	60.7	46.0	3.7	8.7	75.0	93.3
NAI-HEG9	84.7	68.0	59.3	45.3	3.3	8.3	54.3	89.0
PPG-TF 497	79.7	68.3	56.7	48.7	3.3	6.7	54.3	70.0
PPG-TF 498	87.3	74.3	58.7	46.7	4.0	7.7	71.7	81.7
PPG-TF 500	81.7	64.0	62.7	49.0	4.7	8.7	82.3	91.7
PPG-TF 507	85.0	75.7	55.0	43.7	4.0	6.0	55.7	64.0
PST-5CHR	85.3	85.3	63.7	45.0	4.0	7.3	75.7	77.7
VALIANT (PPG-TF 437)	87.0	87.7	62.7	39.0	4.0	7.3	71.0	81.3
23HEG7	82.7	76.7	64.3	50.7	4.0	7.0	77.3	80.0
DLF-TF-3868	85.7	78.7	60.0	50.7	3.7	7.3	71.0	78.3
DLF-TF-3869	81.0	82.0	57.7	38.3	4.0	7.7	66.3	80.7
GET 21	83.7	60.0	67.0	53.0	4.3	8.3	81.7	90.3
PPG-TF 440	87.0	62.7	47.0	49.0	4.0	8.3	86.7	93.7
PPG-TF 505	85.7	85.7	56.7	42.0	3.7	7.3	60.7	77.7
REBEL XPEDITION	76.0	92.3	49.0	30.3	3.7	6.0	61.0	62.0
CAPITAN	79.3	68.3	53.3	39.0	4.7	6.3	77.0	65.3
DLF-TF-3867	79.3	71.3	61.3	46.7	3.7	7.0	54.0	77.3
PST-R5HD6	78.3	79.7	52.0	37.3	3.0	5.7	48.0	58.3
PPG-TF 499	88.3	66.7	34.3	39.3	4.7	8.3	85.7	89.0
PST-5CHWM	83.0	76.3	59.0	44.3	4.0	7.3	68.3	78.0
GLX STAR	72.7	73.0	50.3	42.3	3.3	5.7	44.3	59.7
GO-BPTF-T	80.3	62.3	42.0	41.7	4.0	7.7	73.0	80.7
GO-SH19	81.3	77.7	54.0	40.0	4.0	7.0	58.0	75.0
GO-TETF	79.7	79.7	52.3	37.0	4.0	8.7	79.0	92.0
PPG-TF 435	80.7	54.0	56.3	46.7	4.3	7.7	88.3	85.0
PST-5EBP	83.7	77.3	54.0	33.0	4.7	7.0	74.3	76.7
RAD-TF147	70.7	86.3	54.0	39.0	4.3	8.0	73.3	85.7
ATF1832	78.7	77.7	45.3	35.7	3.7	8.0	65.3	89.0
24FE7105	84.7	78.3	39.7	38.7	4.3	7.7	78.3	82.0
DLF-TF-3876	78.0	86.7	42.3	32.7	3.3	7.0	56.3	78.3

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN UNDER SHADE AT AMES, IA 1/
2025 DATA

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

NAME	PERCENT GROUND COVER JULY-NOVEMBER 2025				QUALITY 2024		PERCENT ESTABLISHMENT 2024	
	JULY	AUGUST	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER	OCTOBER	NOVEMBER
PVP-LOLA	71.0	68.0	54.7	42.7	3.7	6.7	53.7	67.3
RAD-TF134	75.7	84.0	54.0	37.7	4.3	8.0	82.3	90.7
GRIDIRON	60.7	64.3	55.0	43.7	3.3	4.7	33.7	47.3
BAR FA 412	69.7	79.7	44.0	31.3	4.0	6.7	60.7	69.3
NAI-SOTF	72.3	82.0	50.3	37.3	4.3	8.0	78.3	85.0
PPG-TF 405	76.3	69.0	41.0	31.7	4.0	7.3	73.7	76.3
SETFT3	75.3	66.0	46.3	36.7	4.0	8.0	51.0	85.0
BONFIRE	80.0	82.0	44.0	29.3	3.7	6.7	50.7	69.0
DLF-TF-3875	75.7	88.3	39.3	23.7	3.3	6.7	56.0	71.0
DLF-TF-3874	71.0	72.7	42.7	28.3	3.7	7.0	58.3	76.3
PST-5CHW2	64.7	86.7	41.7	31.7	4.0	6.7	64.3	69.3
PRIMO	76.7	87.7	42.7	33.7	3.7	8.3	49.7	89.7
DAYBREAK	68.0	79.0	35.3	25.7	4.3	6.7	70.3	70.7
DLF-TF-3870	76.0	76.3	32.7	30.7	4.0	7.3	75.0	79.3
XANADU	67.3	80.0	30.0	25.3	3.7	5.7	55.0	53.3
BAR FA 408	74.0	59.3	33.7	24.0	3.0	6.3	60.7	65.7
REJUVENATE	60.0	71.3	25.0	20.0	3.3	6.3	51.3	63.3
KY-31	76.7	81.0	29.0	16.3	3.7	8.0	70.0	85.3
LSD VALUE	38.4	42.1	38.0	31.3	3.5	3.7	89.0	42.9
C.V. (%)	13.2	17.3	28.9	29.7	17.7	17.5	29.2	19.2

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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER LOW INPUT AT LOGAN, UT 1/
2025 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	SEEDLING VIGOR	COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				MEAN
PPG-TF 505	6.0	5.3	7.0	7.3	5.3	6.0	7.7	7.3	7.0	6.3	7.3	7.0	7.0
RAPTOR 4LS (PPG-TF 433)	6.0	5.7	7.7	6.7	5.3	6.3	8.0	7.3	7.0	6.7	7.7	6.3	7.0
22LGT2	6.0	5.0	7.0	7.3	5.0	6.0	7.7	7.0	7.3	6.7	7.0	6.3	6.9
PVP-LOLA	6.0	5.0	7.0	8.7	5.3	6.7	8.0	7.3	6.7	6.0	7.0	6.7	6.9
BATTLE HAWK	5.7	5.0	7.0	7.3	5.0	6.7	7.7	7.0	7.3	6.0	7.0	6.0	6.8
DLF-TF-3844	6.3	5.0	7.0	7.3	5.0	6.7	7.7	7.0	7.0	6.0	7.0	6.0	6.8
EASY GREEN	6.0	5.0	6.3	8.0	5.0	6.3	7.7	7.0	7.0	6.3	7.3	6.0	6.8
PPG-TF 422	6.0	5.0	7.3	8.0	5.0	6.7	7.7	7.3	7.0	5.7	7.0	6.0	6.8
PPG-TF 477	6.0	5.3	7.0	7.3	5.0	6.3	7.3	7.3	7.0	5.7	7.3	6.3	6.8
PPG-TF 508	6.7	5.0	7.0	7.3	5.3	6.3	7.7	7.0	6.7	6.3	7.3	6.3	6.8
PST-5EBP	5.7	4.7	7.0	8.3	5.0	6.7	7.7	6.7	7.0	6.3	7.0	6.3	6.8
PST-5LOD	6.0	4.7	7.0	7.0	5.0	6.3	7.3	7.0	7.3	6.3	7.0	6.0	6.8
RAD-TF146	6.7	6.0	7.0	7.3	5.0	6.0	7.7	7.0	6.7	6.3	7.3	6.7	6.8
SETF 409	6.0	5.3	7.0	6.3	5.0	5.7	7.7	7.0	7.0	6.3	7.3	6.7	6.8
21CEG1	6.0	5.0	7.0	7.7	5.0	6.3	7.3	7.0	6.7	6.3	6.7	6.3	6.7
21GPS7	5.7	5.0	7.0	6.7	5.0	5.7	7.3	7.3	6.3	6.7	7.0	6.3	6.7
23HEG7	5.3	5.3	7.0	8.0	4.7	6.7	8.0	6.7	6.7	6.0	7.0	6.0	6.7
BRAVO 2	6.0	5.0	6.7	8.3	5.0	6.3	7.7	7.0	6.7	6.3	6.7	6.0	6.7
DLF-TF-3867	6.0	5.0	6.7	6.7	5.0	5.7	7.3	7.3	6.7	5.7	7.3	6.7	6.7
EL CAMINO	5.7	4.7	7.0	8.0	5.0	6.7	8.0	7.0	6.3	6.0	7.0	5.7	6.7
ENDGAME	6.0	5.3	7.3	8.3	5.0	6.3	7.7	7.0	6.7	6.0	7.0	6.0	6.7
FIRECRACKER 2G-LS (PPG-TF 538)	5.7	5.3	7.0	7.3	5.0	6.7	8.0	6.3	6.3	6.0	7.3	6.0	6.7
NAI-21GPS2	5.7	5.0	7.0	8.0	5.0	6.3	7.7	7.0	6.7	6.3	7.0	6.0	6.7
NAI-GLW3	5.7	5.0	7.0	7.7	5.0	6.0	7.3	7.0	7.0	6.3	7.0	6.0	6.7
NAI-SOTF	6.3	5.3	7.0	7.3	5.0	6.3	8.0	7.0	6.7	6.0	7.0	6.0	6.7
PPG-TF 403	6.0	5.3	7.0	6.3	5.0	5.7	7.3	7.3	7.0	6.0	7.0	6.3	6.7
PPG-TF 440	6.0	5.0	7.0	7.3	5.0	6.3	7.3	7.3	7.3	6.0	6.7	6.0	6.7
PPG-TF 497	6.0	5.0	7.0	6.7	5.0	6.3	7.7	6.7	6.7	6.0	7.0	6.3	6.7
PPG-TF 499	6.0	5.0	7.0	7.7	5.0	6.0	7.7	7.0	7.0	6.0	7.0	6.0	6.7
PPG-TF 503	6.0	5.3	7.0	7.0	5.0	6.3	7.7	7.0	6.7	5.7	7.0	6.3	6.7
PPG-TF 507	6.3	5.0	7.0	6.0	5.0	5.7	7.3	7.0	6.7	6.7	7.3	6.3	6.7
PPG-TF 539	5.3	5.0	7.0	7.7	5.0	6.3	8.0	7.3	7.0	5.7	6.3	6.0	6.7
PST-5CHW2	6.0	5.0	7.0	7.7	5.0	6.3	7.3	7.0	6.7	6.0	7.0	6.3	6.7
PST-5LSM	6.0	6.0	7.0	7.7	5.0	6.3	7.3	6.7	6.7	6.3	7.7	6.0	6.7
RAD-TF147	6.7	5.7	7.3	7.0	5.3	6.0	7.0	7.0	7.3	6.0	7.3	6.0	6.7
RAPTOR III	6.0	5.0	7.0	8.0	5.0	6.7	8.0	6.7	6.7	5.7	7.0	6.0	6.7
SPYDER 3LS (PPG-TF 399)	6.0	5.3	7.3	7.0	5.3	6.0	7.3	7.0	6.7	6.0	7.3	6.3	6.7
VALIANT (PPG-TF 437)	6.0	5.0	7.0	7.7	5.3	6.0	7.7	7.0	7.0	6.0	7.0	6.0	6.7
VALKYRIE 2LS (PPG-TF 402)	6.3	5.0	7.3	7.0	5.0	6.0	7.3	7.0	6.7	6.0	7.7	6.0	6.7
23JWL	6.0	5.0	7.0	7.3	5.0	6.3	7.3	7.0	6.7	6.0	7.0	6.0	6.6
BGT2	6.0	5.3	7.0	7.3	5.0	6.0	8.0	7.0	6.0	6.0	7.3	6.0	6.6
BULLSEYE LTZ	6.0	5.0	7.0	6.3	5.0	6.0	7.7	7.0	6.7	6.0	7.0	6.0	6.6
CAPITAN	5.7	5.0	7.0	7.7	5.0	5.7	7.3	7.3	6.3	6.0	6.7	6.7	6.6
DLF-TF-3874	5.7	5.3	6.7	6.0	5.3	6.0	7.7	7.0	6.7	6.3	6.7	6.0	6.6
DLF-TF-3877	6.0	5.7	7.3	7.0	5.0	6.3	7.3	7.0	6.3	6.0	7.3	6.0	6.6

TABLE 14.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER LOW INPUT AT LOGAN, UT 1/
2025 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	SEEDLING VIGOR	COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				MEAN
									JUL	AUG	SEP	OCT	
DYNAMITE 2G-LS (PPG-TF 404)	6.0	5.0	7.0	6.7	5.0	5.7	7.0	7.0	7.0	6.3	7.0	6.0	6.6
GET 21	6.0	5.0	7.0	7.7	5.0	6.3	7.0	7.0	6.7	6.0	7.0	6.3	6.6
GLX STAR	5.7	5.3	7.0	7.7	5.0	6.3	7.7	7.0	6.7	5.7	6.7	6.0	6.6
GO-BPTF-T	6.3	5.3	7.0	7.7	5.0	5.7	7.7	7.0	7.0	6.0	7.0	6.0	6.6
LTP-GTM	6.0	5.0	7.0	7.7	5.0	6.7	7.7	6.7	6.7	6.0	6.7	6.0	6.6
LTP-SPP	6.0	5.3	7.0	8.3	5.0	6.7	7.3	6.7	6.3	6.0	7.0	6.0	6.6
NAI-CEG2	6.0	5.0	7.0	7.3	5.0	6.0	7.3	7.0	6.7	6.3	7.0	6.0	6.6
NAI-HEG9	5.7	5.0	6.7	7.0	5.0	6.0	7.0	7.3	6.7	6.0	6.7	6.3	6.6
PPG-TF 427	6.3	5.3	7.0	8.0	5.3	5.7	7.3	7.3	6.3	6.0	7.0	6.3	6.6
PPG-TF 435	6.0	5.0	7.0	6.7	5.0	6.0	7.0	7.0	6.7	6.3	7.0	6.0	6.6
PPG-TF 475	7.0	5.0	7.0	6.7	5.7	5.7	7.3	7.0	6.7	6.0	7.3	6.3	6.6
PPG-TF 498	6.0	5.0	7.0	6.7	5.0	6.0	7.7	7.0	6.3	6.0	7.0	6.3	6.6
PPG-TF 504	6.0	5.0	6.7	6.7	5.0	6.0	7.3	7.0	6.3	6.0	7.0	6.3	6.6
PPG-TF 541	6.0	5.0	7.0	7.3	4.7	6.3	7.3	7.0	6.7	6.0	7.0	6.0	6.6
PST-5CHR	6.0	5.0	6.7	7.3	5.0	6.0	7.7	7.0	6.3	5.7	7.3	6.0	6.6
PST-5CHWM	6.0	5.0	7.0	7.7	5.0	6.3	7.0	7.0	6.3	6.3	7.0	6.0	6.6
PST-5DFD	6.0	5.0	7.0	8.0	5.0	6.3	7.3	7.0	6.7	6.0	6.7	6.3	6.6
PST-R5WG	6.0	5.0	7.0	7.7	5.0	6.0	7.7	7.0	6.7	6.0	7.0	6.0	6.6
RAD-TF134	6.3	5.7	7.0	6.0	5.7	6.0	7.3	7.0	7.0	6.0	7.0	6.0	6.6
REJUVENATE	6.3	5.0	7.0	7.3	5.0	7.0	7.7	6.7	6.7	5.7	6.7	6.0	6.6
SUPERSONIC 2GL (PPG-TF 493)	6.0	5.0	6.7	7.3	5.0	6.3	7.0	7.0	6.7	6.0	7.3	6.0	6.6
TOP SHELF	6.3	5.0	6.7	8.0	5.0	6.7	7.7	6.3	6.3	6.3	6.7	6.0	6.6
TORINO	6.0	5.0	7.0	5.7	5.0	5.7	7.7	7.0	7.0	6.3	6.7	6.0	6.6
XANADU	6.3	5.3	6.7	6.3	5.0	5.7	7.3	7.0	6.7	6.3	7.0	6.3	6.6
ATF1832	5.7	4.7	6.7	7.3	5.0	6.3	7.7	7.0	6.3	5.7	6.7	5.7	6.5
ATLAS	6.0	5.0	6.3	7.7	4.7	6.3	7.7	7.0	6.3	5.7	6.7	5.7	6.5
BAR FA 408	6.3	5.0	6.3	7.3	5.0	6.0	7.7	6.7	6.3	6.0	6.7	6.0	6.5
BONFIRE	6.3	4.7	6.7	5.0	5.0	5.3	6.3	7.0	6.7	6.3	7.3	6.7	6.5
BY-GLS4	5.7	5.0	7.0	7.7	5.0	6.3	7.0	7.0	6.3	6.0	7.0	6.0	6.5
DAYBREAK	6.0	5.0	7.0	7.7	5.0	6.0	7.3	6.7	6.3	6.0	7.0	6.0	6.5
DLF-TF-3868	6.0	5.0	6.7	8.0	5.0	6.7	7.7	6.7	6.3	5.7	6.7	6.0	6.5
DLF-TF-3869	6.0	5.7	7.0	6.3	5.3	6.0	7.3	7.3	6.3	5.7	6.7	6.3	6.5
DLF-TF-3870	5.3	5.0	7.0	7.0	5.0	6.3	7.3	6.7	6.3	6.0	7.0	6.0	6.5
DLF-TF-3873	5.7	5.7	7.0	7.3	5.0	6.0	7.3	7.0	6.3	6.0	7.0	6.0	6.5
DLF-TF-3875	6.0	5.3	7.0	7.0	5.0	6.0	8.0	7.0	6.3	5.7	6.7	6.0	6.5
DLF-TF-3880	6.0	5.0	7.0	7.3	5.0	6.0	7.3	7.0	6.3	5.7	7.0	6.3	6.5
FIREHAWK SLT	6.0	5.0	7.0	7.7	5.0	6.0	7.7	7.0	6.7	5.7	6.7	6.0	6.5
GO-SH19	6.0	5.0	6.7	6.0	5.3	5.7	7.0	7.0	6.7	6.0	6.7	6.7	6.5
GO-TETF	6.0	4.7	7.0	7.0	4.7	6.3	7.7	7.0	6.7	5.7	6.7	5.7	6.5
KNOX	6.0	5.0	6.7	7.7	5.0	6.3	7.0	7.0	6.3	6.0	7.0	6.0	6.5
NAI-2413	5.7	5.0	7.0	6.7	5.0	6.3	7.3	7.0	6.7	5.7	6.7	6.0	6.5
NAI-LGT1	6.0	5.0	7.0	7.0	5.3	6.0	7.3	7.0	6.7	6.0	6.7	5.7	6.5
PADRE 2	6.0	5.0	6.7	7.0	5.0	6.0	7.3	7.0	6.3	6.0	7.0	6.0	6.5
PPG-TF 405	6.3	5.7	7.0	6.3	5.0	6.0	7.3	7.0	6.3	5.7	7.0	6.0	6.5
PPG-TF 500	6.0	5.7	7.0	6.7	5.0	5.7	7.3	7.0	6.7	6.0	7.0	6.0	6.5

TABLE 14.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN UNDER LOW INPUT AT LOGAN, UT 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													
NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	SEEDLING VIGOR	COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				MEAN
									JUL	AUG	SEP	OCT	
PPG-TF 506	6.3	5.7	7.0	6.7	5.0	6.0	7.0	7.0	6.7	6.0	7.0	6.0	6.5
PPG-TF 540	5.7	5.3	7.0	7.7	5.0	6.0	7.3	7.0	6.3	6.0	6.7	6.0	6.5
PRIMO	6.0	5.0	7.0	8.3	5.0	6.3	7.3	7.0	6.3	6.0	6.7	5.7	6.5
PRO GOLD	5.7	5.0	6.7	8.0	5.0	6.0	7.7	7.3	7.0	5.3	6.7	5.7	6.5
PST-R5HD6	6.0	5.0	7.0	6.3	5.0	5.7	7.3	7.0	6.7	6.0	7.0	6.0	6.5
RAD-TF136	7.0	5.7	7.3	7.0	5.0	5.3	7.3	6.7	6.7	6.3	7.3	6.0	6.5
SETFT3	5.7	5.0	7.0	7.0	5.0	6.3	8.0	6.7	6.7	6.0	6.0	5.7	6.5
SMG-TF24	5.0	5.0	7.0	8.0	4.7	6.3	7.3	6.7	6.7	5.7	6.7	6.0	6.5
24FE7105	6.0	5.3	7.0	6.7	4.7	6.0	7.3	7.0	6.7	5.7	6.7	5.7	6.4
BAR FA 412	6.0	5.3	6.7	6.7	5.3	6.0	7.3	7.0	6.7	5.3	6.7	6.0	6.4
BY-GLS1	5.3	5.0	7.0	8.0	5.0	6.3	7.0	6.7	6.3	6.0	6.7	6.0	6.4
DLF-TF-3872	5.7	5.0	7.0	7.3	5.0	6.0	8.0	7.0	6.3	5.7	6.3	5.7	6.4
DLF-TF-3876	6.3	5.3	7.3	7.7	5.0	6.0	7.0	7.0	6.0	5.7	7.0	6.0	6.4
DRAGSTER	6.0	5.0	6.7	7.3	5.0	6.3	7.0	7.0	6.0	5.3	6.7	6.3	6.4
GRIDIRON	6.0	5.3	7.0	7.3	5.0	6.0	7.3	7.0	6.3	5.3	7.0	6.0	6.4
NAI-BNTB	6.0	5.0	7.0	7.3	5.0	6.0	7.0	6.7	6.3	5.7	7.0	6.3	6.4
REBEL XPEDITION	6.3	5.0	6.3	6.7	5.0	6.0	7.3	6.7	6.3	5.7	6.7	6.0	6.4
KY-31	4.0	4.0	5.0	9.0	4.0	7.0	6.0	6.0	5.7	5.0	6.0	5.0	5.8
LSD VALUE	0.6	0.7	0.6	2.5	0.6	1.4	1.4	1.6	3.5	2.7	1.1	0.8	1.0
C.V. (%)	6.0	6.7	4.5	13.1	5.1	8.1	6.8	5.5	9.1	9.1	6.1	5.8	3.6

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN ON A FAIRWAY AT BLACKSBURG, VA 1/
2025 DATA

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

NAME	GENETIC COLOR	FALL DENSITY	PERCENT GROUND COVER SPRING	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	MEAN
EL CAMINO	6.3	6.3	76.7	6.0	6.3	6.3	6.7	6.0	6.3	6.3
21CEG1	6.3	6.7	80.0	6.7	6.0	6.0	6.3	5.7	6.0	6.1
21GPS7	6.0	7.3	73.3	5.7	5.3	6.3	6.3	6.3	6.3	6.1
PPG-TF 498	6.0	7.3	80.0	5.7	5.7	6.3	6.3	6.3	6.0	6.1
DLF-TF-3870	7.3	7.0	76.7	6.3	5.7	6.0	6.0	5.7	6.3	6.0
SPYDER 3LS (PPG-TF 399)	6.3	6.3	70.0	6.0	6.0	6.0	6.3	6.0	5.7	6.0
CAPITAN	6.3	6.3	73.3	6.0	6.3	5.7	6.0	5.7	6.0	5.9
PPG-TF 506	6.3	7.0	70.0	5.7	5.7	5.7	6.0	6.3	6.3	5.9
PPG-TF 540	6.3	6.7	66.7	6.7	6.3	5.3	6.0	5.3	5.7	5.9
PPG-TF 541	6.3	5.3	76.7	6.0	5.7	6.3	6.0	5.7	6.0	5.9
SETF 409	6.0	7.3	70.0	6.0	5.7	6.0	6.0	6.0	5.7	5.9
VALKYRIE 2LS (PPG-TF 402)	6.0	6.7	76.7	5.3	5.7	6.7	6.3	5.7	5.7	5.9
23HEG7	6.3	6.3	80.0	6.7	5.3	5.0	6.0	6.0	6.0	5.8
DLF-TF-3876	6.3	6.0	70.0	6.0	5.3	5.7	6.3	5.7	5.7	5.8
DLF-TF-3877	6.7	6.3	70.0	5.7	6.0	5.7	5.7	5.7	6.0	5.8
NAI-21GPS2	6.0	7.0	70.0	5.7	6.0	6.0	5.7	5.7	6.0	5.8
NAI-LGT1	6.0	7.0	76.7	6.3	5.3	5.7	6.0	6.0	5.3	5.8
PPG-TF 427	6.0	6.7	80.0	6.3	6.0	5.0	6.3	5.3	6.0	5.8
PPG-TF 503	6.3	6.7	73.3	6.0	5.3	5.3	5.3	6.3	6.3	5.8
PPG-TF 507	6.0	6.3	66.7	5.7	5.3	6.0	6.3	5.3	6.0	5.8
PST-R5WG	5.7	6.7	76.7	6.0	5.0	5.7	6.0	6.3	6.0	5.8
DYNAMITE 2G-LS (PPG-TF 404)	6.3	6.7	70.0	5.7	5.7	5.7	6.3	5.7	5.3	5.7
NAI-BNTB	6.3	6.7	66.7	5.7	5.7	5.7	6.0	5.7	5.3	5.7
PPG-TF 403	6.7	5.3	63.3	6.7	6.0	5.0	6.0	4.7	5.7	5.7
PPG-TF 539	6.3	6.7	66.7	5.3	5.7	6.0	5.7	6.0	5.7	5.7
RAD-TF134	5.7	6.0	73.3	6.0	5.3	5.7	6.0	5.3	6.0	5.7
RAPTOR 4LS (PPG-TF 433)	6.3	6.0	66.7	6.0	5.7	5.7	5.7	5.7	5.7	5.7
VALIANT (PPG-TF 437)	6.7	6.3	66.7	6.0	5.7	5.3	6.3	5.3	5.7	5.7
23JWL	6.0	6.0	80.0	6.0	5.7	6.0	5.3	5.3	5.3	5.6
DLF-TF-3874	6.3	5.7	70.0	5.3	5.7	5.3	6.7	5.3	5.0	5.6
NAI-CEG2	6.0	6.7	63.3	5.3	5.3	5.7	6.0	6.0	5.3	5.6
PPG-TF 405	6.3	6.0	73.3	6.0	5.7	6.0	5.3	5.0	5.7	5.6
PPG-TF 497	6.0	5.7	73.3	6.3	5.3	5.3	5.7	5.3	5.3	5.6
PPG-TF 508	6.7	5.7	56.7	5.0	5.0	6.0	6.0	5.3	6.0	5.6
SUPERSONIC 2GL (PPG-TF 493)	6.3	5.7	70.0	6.0	5.3	5.7	6.0	5.3	5.0	5.6
ATLAS	6.0	6.3	73.3	5.3	5.0	5.7	5.3	5.7	6.0	5.5
DRAGSTER	6.3	6.0	73.3	6.3	5.7	6.0	5.3	5.0	4.7	5.5
NAI-SOTF	6.3	6.3	80.0	6.7	6.3	4.7	5.0	5.0	5.3	5.5
PPG-TF 477	6.3	6.0	73.3	5.7	5.7	5.7	5.7	5.3	5.0	5.5
PPG-TF 504	5.7	6.0	70.0	5.7	4.7	5.7	6.3	5.0	5.7	5.5
PST-5CHR	6.3	5.3	63.3	6.0	5.7	5.7	6.0	5.0	4.7	5.5
SMG-TF24	6.3	6.0	70.0	5.7	6.0	5.3	6.3	4.7	5.0	5.5
DAYBREAK	6.0	6.3	76.7	6.0	6.0	4.7	5.7	4.7	5.7	5.4
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	5.7	70.0	6.0	5.0	5.7	5.3	5.0	5.3	5.4
NAI-2413	6.0	6.0	66.7	5.0	5.3	5.7	5.7	5.3	5.3	5.4

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A FAIRWAY AT BLACKSBURG, VA 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME	GENETIC COLOR	FALL DENSITY	PERCENT GROUND COVER SPRING	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	MEAN
PPG-TF 475	6.3	6.7	66.7	5.0	5.0	6.0	5.7	5.3	5.7	5.4
PPG-TF 500	6.3	6.7	66.7	5.3	4.3	5.7	5.3	5.7	6.0	5.4
RAPTOR III	6.0	6.0	63.3	5.3	5.3	5.0	5.3	6.0	5.3	5.4
TORINO	6.0	6.0	73.3	6.0	5.3	5.0	6.0	5.0	5.0	5.4
22LGT2	6.0	6.0	73.3	5.7	4.7	5.3	5.7	5.3	5.3	5.3
ATF1832	5.7	6.0	73.3	5.7	5.0	5.3	5.3	5.0	5.3	5.3
BATTLE HAWK	6.0	6.3	70.0	5.3	5.0	5.3	5.3	5.3	5.7	5.3
BY-GLS1	5.7	5.3	60.0	5.3	4.7	5.3	5.3	5.3	5.7	5.3
BY-GLS4	5.7	6.0	63.3	5.3	4.7	5.3	5.7	5.3	5.3	5.3
DLF-TF-3844	6.0	6.0	73.3	6.0	5.0	4.7	5.7	5.7	5.0	5.3
DLF-TF-3869	6.3	6.0	76.7	5.0	5.0	5.0	6.0	5.0	6.0	5.3
DLF-TF-3873	7.0	5.7	70.0	5.7	5.0	5.3	5.7	5.0	5.3	5.3
NAI-HEG9	6.3	6.0	70.0	6.0	5.3	5.3	5.3	4.7	5.3	5.3
PPG-TF 422	6.7	6.0	70.0	5.3	4.7	5.3	5.7	5.3	5.3	5.3
PPG-TF 505	6.3	6.3	56.7	5.0	5.0	5.7	5.3	5.0	5.7	5.3
PRIMO	6.0	6.3	70.0	5.3	4.7	5.7	5.3	5.3	5.3	5.3
REBEL XPEDITION	6.0	5.7	66.7	5.3	4.3	5.7	5.7	5.7	5.3	5.3
BAR FA 412	6.3	6.3	76.7	6.0	5.0	4.7	5.3	5.0	5.3	5.2
DLF-TF-3872	6.0	6.0	60.0	5.3	5.0	5.0	5.7	5.3	5.0	5.2
FIREHAWK SLT	6.0	6.0	73.3	5.3	5.0	4.7	5.3	5.7	5.3	5.2
GLX STAR	6.0	5.7	66.7	5.7	4.7	4.7	5.3	5.0	5.7	5.2
NAI-GLW3	6.0	6.3	66.7	5.0	5.7	4.7	6.0	5.3	4.7	5.2
PPG-TF 499	6.0	6.0	66.7	4.7	4.7	5.3	5.7	5.7	5.3	5.2
PST-5CHWM	6.0	6.0	56.7	5.3	4.7	5.3	5.0	4.7	6.0	5.2
BULLSEYE LTZ	6.0	5.7	63.3	5.7	5.3	5.0	5.0	4.7	4.7	5.1
DLF-TF-3875	6.3	6.0	66.7	5.3	4.7	5.0	5.7	4.7	5.3	5.1
PADRE 2	6.0	5.7	73.3	6.3	5.0	4.3	5.0	5.0	5.0	5.1
PST-5DFD	6.0	5.7	76.7	6.3	5.3	4.7	5.0	4.0	5.3	5.1
PST-5LOD	6.0	6.0	66.7	5.3	4.3	5.0	6.0	4.7	5.0	5.1
PVP-LOLA	6.0	5.0	70.0	5.7	5.3	4.7	5.3	4.3	5.3	5.1
RAD-TF136	7.7	5.7	60.0	5.7	5.3	5.0	4.3	5.0	5.0	5.1
BONFIRE	6.7	5.7	63.3	5.3	4.7	4.7	4.7	5.3	5.3	5.0
DLF-TF-3867	6.0	5.7	66.7	4.3	5.0	5.0	5.0	5.3	5.3	5.0
DLF-TF-3868	6.0	5.3	66.7	5.7	5.7	4.3	5.3	4.7	4.3	5.0
ENDGAME	6.0	6.0	66.7	5.3	4.7	4.7	5.3	5.0	5.0	5.0
LTP-SPP	5.7	5.7	70.0	6.0	5.0	4.0	5.3	4.7	5.0	5.0
RAD-TF146	7.0	5.3	60.0	5.7	4.7	4.7	5.0	5.0	5.0	5.0
BGT2	6.0	5.0	73.3	5.7	4.7	4.0	5.7	5.0	4.3	4.9
DLF-TF-3880	6.0	5.7	60.0	4.7	4.3	4.7	5.3	5.3	5.0	4.9
GRIDIRON	5.7	5.3	73.3	5.7	5.0	4.3	5.0	4.7	4.7	4.9
LTP-GTM	6.0	5.3	63.3	5.0	5.0	5.0	5.0	4.7	5.0	4.9
PPG-TF 435	6.3	5.7	60.0	5.3	4.7	4.7	5.0	4.7	5.3	4.9
PPG-TF 440	6.7	6.0	56.7	5.0	5.0	4.7	5.0	5.0	5.0	4.9
PST-5EBP	6.0	5.7	66.7	5.3	4.3	4.7	5.7	4.7	5.0	4.9
RAD-TF147	7.0	6.0	56.7	5.0	5.0	4.7	4.7	5.0	5.0	4.9

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) GROWN ON A FAIRWAY AT BLACKSBURG, VA 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME	GENETIC COLOR	FALL DENSITY	PERCENT GROUND COVER SPRING	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TOP SHELF	6.3	6.0	70.0	5.0	4.3	4.7	5.0	5.3	5.0	4.9
XANADU	6.3	5.0	60.0	5.7	4.7	5.0	4.7	4.7	5.0	4.9
BRAVO 2	6.0	4.7	70.0	5.7	4.3	4.0	5.0	4.7	5.0	4.8
GET 21	6.0	4.7	63.3	5.0	5.3	4.3	5.0	4.3	4.7	4.8
KY-31	5.0	5.3	70.0	5.0	4.3	4.7	5.0	5.0	4.7	4.8
PST-5LSM	6.7	5.7	60.0	5.3	4.7	4.3	5.0	4.3	5.0	4.8
PST-R5HD6	5.3	5.3	63.3	5.7	5.0	4.0	4.3	4.7	5.0	4.8
REJUVENATE	6.0	5.3	73.3	5.7	4.7	4.3	5.0	4.3	4.7	4.8
GO-TETF	6.7	5.3	56.7	5.0	4.3	4.3	4.7	4.7	5.0	4.7
PST-5CHW2	6.0	4.7	63.3	5.3	4.7	4.7	4.7	4.0	4.7	4.7
EASY GREEN	6.3	5.0	66.7	5.3	5.0	4.3	4.3	4.0	4.7	4.6
GO-BPTF-T	6.3	5.7	53.3	5.0	4.3	4.3	4.3	4.3	4.7	4.5
24FE7105	6.0	4.7	63.3	4.7	4.7	5.0	4.0	4.0	4.3	4.4
BAR FA 408	5.3	5.3	70.0	5.7	4.3	3.3	4.0	4.3	4.7	4.4
KNOX	5.7	5.3	66.7	5.3	4.3	3.3	4.7	3.7	4.7	4.3
GO-SH19	6.3	5.3	60.0	5.0	4.0	3.7	3.7	4.0	4.3	4.1
SETFT3	6.0	5.0	53.3	5.0	4.3	3.7	3.7	4.0	4.0	4.1
PRO GOLD	4.3	3.7	66.7	4.0	3.3	3.7	3.3	3.7	3.7	3.6
LSD VALUE	1.3	2.0	52.6	4.1	2.0	4.0	2.1	3.0	3.8	1.8
C.V. (%)	9.1	14.4	16.4	16.0	15.8	21.9	16.3	18.2	17.2	12.9

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 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
SOD HANDLING 1-5; 5=BEST 2/

NAME	BROWN PATCH WARM TEMP.	ESTABLISHMENT AFTER PLANTING			QUALITY RATINGS								MEAN
		14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
DLF-TF-3876	6.0	30.0	68.3	98.7	7.0	9.0	9	9.0	9.0	9.0	9.0	9.0	8.8
DLF-TF-3877	7.3	33.3	70.0	99.0	7.0	9.0	9	9.0	9.0	9.0	9.0	9.0	8.8
NAI-GLW3	7.3	40.0	73.3	99.0	7.0	9.0	9	9.0	9.0	9.0	9.0	9.0	8.8
21CEG1	7.3	36.7	75.0	99.0	6.7	9.0	9	8.7	9.0	9.0	9.0	9.0	8.7
21GPS7	7.0	31.7	73.3	99.0	7.0	9.0	9	9.0	9.0	8.7	9.0	9.0	8.7
22LGT2	7.0	31.7	66.7	98.3	6.3	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
23HEG7	7.7	36.7	66.7	99.0	7.0	9.0	9	9.0	9.0	9.0	9.0	8.7	8.7
BGT2	7.0	33.3	76.7	99.0	7.0	9.0	9	9.0	9.0	8.3	9.0	9.0	8.7
BULLSEYE LTZ	7.3	31.7	76.7	99.0	6.7	8.7	9	9.0	9.0	9.0	9.0	9.0	8.7
DLF-TF-3867	7.0	43.3	77.7	99.0	6.7	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
DLF-TF-3870	7.0	36.7	75.0	98.7	7.0	9.0	9	8.7	8.7	9.0	9.0	9.0	8.7
DLF-TF-3873	7.0	33.3	70.0	99.0	7.0	9.0	9	9.0	9.0	8.7	9.0	9.0	8.7
EL CAMINO	6.7	35.0	78.3	99.0	7.0	8.7	9	9.0	9.0	9.0	9.0	9.0	8.7
LTP-GTM	6.7	46.7	84.3	99.0	6.3	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
NAI-CEG2	7.0	33.3	70.0	98.0	7.0	9.0	9	9.0	9.0	8.7	9.0	9.0	8.7
PPG-TF 427	7.3	31.7	66.7	99.0	6.7	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
PPG-TF 435	7.0	33.3	73.3	99.0	7.0	9.0	9	9.0	9.0	9.0	8.7	9.0	8.7
PPG-TF 440	7.7	30.0	70.0	99.0	6.7	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
PPG-TF 497	7.3	35.0	73.3	99.0	7.0	8.7	9	9.0	8.7	9.0	9.0	9.0	8.7
PPG-TF 499	7.3	33.3	65.0	98.3	7.0	9.0	9	9.0	9.0	8.3	9.0	9.0	8.7
PPG-TF 508	7.7	35.0	75.0	99.0	6.7	8.7	9	9.0	9.0	9.0	9.0	9.0	8.7
PPG-TF 541	6.3	41.7	78.3	99.0	6.7	9.0	9	8.7	9.0	9.0	9.0	9.0	8.7
PST-5LOD	6.0	43.3	80.0	99.0	6.3	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
SETF 409	7.0	28.3	68.3	99.0	6.7	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
SPYDER 3LS (PPG-TF 399)	7.0	33.3	71.7	99.0	6.7	9.0	9	9.0	9.0	9.0	9.0	9.0	8.7
TORINO	8.0	35.0	75.0	99.0	7.0	9.0	9	9.0	8.7	9.0	9.0	9.0	8.7
23JWL	6.3	36.7	73.3	99.0	6.7	8.7	9	9.0	9.0	9.0	8.7	9.0	8.6
BONFIRE	6.7	28.3	65.0	99.0	6.7	9.0	9	9.0	9.0	8.3	9.0	9.0	8.6
BY-GLS1	6.7	41.7	75.0	99.0	7.0	8.7	9	9.0	8.7	8.7	9.0	9.0	8.6
BY-GLS4	7.3	41.7	71.7	98.7	7.0	8.7	9	9.0	8.7	8.3	9.0	9.0	8.6
DAYBREAK	7.3	43.3	80.0	99.0	6.7	8.7	9	9.0	9.0	9.0	8.7	9.0	8.6
DLF-TF-3844	7.0	38.3	80.0	99.0	7.0	8.7	9	9.0	8.7	8.7	8.7	9.0	8.6
DLF-TF-3868	7.3	38.3	71.7	99.0	6.7	8.7	9	9.0	8.7	9.0	9.0	9.0	8.6
DLF-TF-3869	7.3	38.3	73.3	99.0	6.7	8.7	9	9.0	9.0	8.7	9.0	9.0	8.6
DLF-TF-3872	7.0	35.0	70.0	99.0	6.3	9.0	9	9.0	9.0	8.7	9.0	8.7	8.6
DLF-TF-3875	6.7	33.3	75.0	99.0	7.0	9.0	9	9.0	8.7	8.3	8.7	9.0	8.6
DRAGSTER	7.3	31.7	75.0	99.0	6.7	9.0	9	9.0	8.7	8.7	8.7	9.0	8.6
ENDGAME	6.3	36.7	80.0	99.0	6.7	8.7	9	9.0	8.7	9.0	9.0	9.0	8.6
FIRECRACKER 2G-LS (PPG-TF 538)	7.3	43.3	79.3	99.0	6.3	8.7	9	8.7	9.0	9.0	9.0	9.0	8.6
FIREHAWK SLT	7.0	43.3	78.3	99.0	6.7	9.0	9	9.0	9.0	8.7	8.7	8.7	8.6
GET 21	7.7	40.0	75.0	98.3	6.7	8.7	9	9.0	9.0	9.0	8.7	9.0	8.6
GO-BPTF-T	6.7	28.3	63.3	98.7	6.7	8.7	9	9.0	8.7	8.7	9.0	9.0	8.6
LTP-SPP	7.7	45.0	75.0	99.0	7.0	9.0	9	9.0	8.7	8.3	8.7	9.0	8.6
NAI-21GPS2	7.0	40.0	74.3	99.0	6.7	8.7	9	9.0	9.0	8.7	9.0	8.7	8.6

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
SOD HANDLING 1-5; 5=BEST 2/

NAME	BROWN PATCH WARM TEMP.	ESTABLISHMENT AFTER PLANTING			QUALITY RATINGS								
		14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NAI-LGT1	6.7	45.0	81.7	99.0	6.7	9.0	9	9.0	8.7	8.7	9.0	9.0	8.6
PPG-TF 405	6.3	33.3	75.0	99.0	7.0	8.7	9	9.0	9.0	8.7	8.7	9.0	8.6
PPG-TF 422	7.3	38.3	78.3	99.0	6.3	8.3	9	9.0	9.0	9.0	9.0	9.0	8.6
PPG-TF 475	7.0	36.7	73.3	99.0	6.3	9.0	9	9.0	9.0	8.7	9.0	9.0	8.6
PPG-TF 477	8.0	28.3	68.3	99.0	7.0	9.0	9	9.0	8.3	9.0	9.0	8.7	8.6
PPG-TF 498	7.3	33.3	71.7	99.0	6.3	8.7	9	9.0	9.0	8.7	9.0	9.0	8.6
PPG-TF 500	8.0	31.7	70.0	99.0	6.7	8.7	9	9.0	9.0	8.7	9.0	9.0	8.6
PPG-TF 505	7.3	28.3	71.7	99.0	6.3	9.0	9	9.0	9.0	8.7	9.0	9.0	8.6
PPG-TF 506	8.0	40.0	78.3	99.0	6.7	8.7	9	8.7	9.0	9.0	9.0	9.0	8.6
PPG-TF 539	6.7	43.3	75.0	99.0	6.7	8.3	9	9.0	9.0	9.0	9.0	9.0	8.6
PPG-TF 540	7.0	41.7	75.0	99.0	6.7	8.7	9	9.0	9.0	9.0	8.7	9.0	8.6
PST-5LSM	7.3	33.3	71.7	98.7	6.7	9.0	9	9.0	9.0	9.0	8.3	8.7	8.6
PVP-LOLA	7.3	45.0	78.3	99.0	6.7	8.3	9	9.0	9.0	8.7	9.0	9.0	8.6
RAPTOR 4LS (PPG-TF 433)	7.3	38.3	78.3	99.0	6.3	8.7	9	9.0	9.0	8.7	9.0	9.0	8.6
SUPERSONIC 2GL (PPG-TF 493)	7.3	40.0	78.3	99.0	6.3	9.0	9	8.7	9.0	9.0	9.0	9.0	8.6
VALIANT (PPG-TF 437)	7.0	38.3	71.7	98.3	6.3	9.0	9	9.0	8.7	9.0	9.0	9.0	8.6
VALKYRIE 2LS (PPG-TF 402)	7.7	40.0	76.7	99.0	6.3	8.7	9	8.7	9.0	9.0	9.0	9.0	8.6
XANADU	7.3	31.7	68.3	99.0	6.7	8.7	9	9.0	9.0	9.0	8.7	9.0	8.6
BATTLE HAWK	6.7	30.0	68.3	99.0	6.7	9.0	9	9.0	9.0	8.7	8.7	8.3	8.5
CAPITAN	6.7	36.7	76.7	99.0	6.7	8.7	9	9.0	8.7	9.0	9.0	8.3	8.5
DLF-TF-3874	6.7	38.3	73.3	99.0	6.7	8.7	9	9.0	8.7	8.0	9.0	9.0	8.5
DLF-TF-3880	7.3	41.7	73.3	99.0	6.3	8.7	9	9.0	8.3	8.7	9.0	9.0	8.5
DYNAMITE 2G-LS (PPG-TF 404)	7.3	38.3	78.3	99.0	6.3	9.0	9	9.0	8.7	8.3	9.0	9.0	8.5
GLX STAR	6.7	43.3	76.7	99.0	6.3	8.7	9	8.7	9.0	8.7	9.0	8.3	8.5
GO-TETF	7.0	33.3	70.0	99.0	6.3	9.0	9	9.0	8.3	8.7	8.3	9.0	8.5
GRIDIRON	6.7	45.0	78.3	99.0	6.3	8.7	9	8.3	9.0	9.0	9.0	9.0	8.5
NAI-2413	7.0	38.3	73.3	99.0	6.7	8.7	9	8.7	9.0	8.3	9.0	9.0	8.5
NAI-BNTB	7.3	38.3	73.3	98.0	6.3	8.7	9	9.0	8.7	9.0	8.7	9.0	8.5
NAI-HEG9	7.3	33.3	68.3	98.7	6.7	8.3	9	8.7	8.7	8.3	9.0	9.0	8.5
NAI-SOTF	6.7	31.7	71.7	99.0	6.7	8.7	9	9.0	8.7	8.3	8.7	8.7	8.5
PADRE 2	6.0	33.3	71.7	99.0	7.0	8.7	9	9.0	8.7	8.7	8.7	8.7	8.5
PPG-TF 403	7.0	38.3	75.0	99.0	6.7	8.3	9	9.0	8.7	8.7	9.0	9.0	8.5
PPG-TF 503	7.3	40.0	76.7	99.0	6.3	8.7	9	9.0	8.3	8.3	9.0	9.0	8.5
PPG-TF 504	7.3	35.0	76.7	99.0	6.3	8.3	9	9.0	9.0	8.7	9.0	9.0	8.5
PPG-TF 507	7.3	38.3	75.0	99.0	6.7	8.7	9	8.7	8.7	8.7	9.0	9.0	8.5
PRO GOLD	6.3	38.3	68.3	98.3	7.0	9.0	9	9.0	9.0	8.3	8.3	8.3	8.5
PST-5CHWM	7.3	33.3	75.0	99.0	6.7	8.7	9	8.7	8.7	8.3	9.0	8.7	8.5
PST-5EBP	6.3	38.3	73.3	98.3	6.7	8.7	9	8.7	8.7	8.7	9.0	8.3	8.5
PST-R5HD6	7.0	28.3	66.7	98.0	6.7	9.0	9	9.0	8.3	8.3	9.0	9.0	8.5
RAD-TF134	6.3	31.7	68.3	98.7	6.0	9.0	9	9.0	9.0	8.7	8.7	8.3	8.5
RAPTOR III	6.0	38.3	71.7	99.0	6.7	8.7	9	9.0	8.7	8.7	8.7	9.0	8.5
SETFT3	6.7	36.7	71.7	98.7	6.7	8.3	9	9.0	8.7	8.7	8.3	9.0	8.5
SMG-TF24	7.0	33.3	66.7	99.0	6.7	9.0	9	9.0	8.3	8.3	8.7	8.7	8.5
ATLAS	6.3	35.0	75.0	99.0	6.7	9.0	9	9.0	9.0	8.0	8.7	8.0	8.4

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
SOD HANDLING 1-5; 5=BEST 2/

NAME	BROWN PATCH WARM TEMP.	ESTABLISHMENT AFTER PLANTING			QUALITY RATINGS								MEAN
		14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
GO-SH19	6.7	36.7	74.3	99.0	6.7	8.7	9.0	9.0	8.3	9.0	8.0	8.7	8.4
PST-5CHR	6.3	31.7	65.0	98.7	6.7	8.7	9.0	9.0	8.7	8.3	8.3	8.7	8.4
PST-R5WG	6.3	36.7	70.0	99.0	6.3	8.7	8.7	9.0	9.0	8.7	8.3	8.7	8.4
24FE7105	6.0	28.3	66.7	97.3	6.3	8.7	9.0	9.0	8.7	8.3	7.7	8.3	8.3
ATF1832	6.0	31.7	68.3	99.0	6.7	9.0	9.0	9.0	9.0	7.3	8.0	8.0	8.3
BAR FA 412	6.7	36.7	75.0	99.0	6.3	8.3	9.0	9.0	8.3	8.3	8.3	8.7	8.3
BRAVO 2	6.3	41.7	80.0	99.0	7.0	8.7	9.0	9.0	8.0	7.7	8.0	8.7	8.3
EASY GREEN	6.3	41.7	71.7	98.3	6.3	9.0	9.0	8.7	8.3	8.3	8.0	8.7	8.3
KNOX	7.0	28.3	68.3	99.0	6.0	9.0	9.0	9.0	8.7	8.3	8.3	8.3	8.3
PST-5CHW2	7.3	31.7	71.7	99.0	6.0	8.0	9.0	8.7	8.7	8.3	9.0	8.7	8.3
PST-5DFD	6.7	38.3	76.7	99.0	6.0	8.0	9.0	9.0	8.7	8.3	8.7	9.0	8.3
TOP SHELF	6.3	41.7	75.0	99.0	6.7	9.0	9.0	8.7	8.0	8.0	8.7	8.0	8.3
BAR FA 408	6.0	36.7	75.0	99.0	6.3	8.7	9.0	8.7	8.7	7.7	8.0	8.0	8.1
PRIMO	6.0	36.7	73.3	99.0	6.3	8.3	9.0	8.7	8.7	8.0	8.0	8.0	8.1
RAD-TF136	6.3	33.3	73.3	98.0	5.7	8.7	9.0	9.0	8.3	8.0	8.0	8.3	8.1
RAD-TF146	6.3	33.3	71.7	99.0	6.0	8.7	9.0	9.0	8.3	7.7	8.3	8.0	8.1
RAD-TF147	5.7	36.7	68.3	98.7	6.0	8.7	9.0	9.0	8.3	7.3	8.0	8.3	8.1
REJUVENATE	6.0	35.0	73.3	99.0	6.3	8.7	9.0	9.0	8.7	7.7	7.3	8.0	8.1
REBEL XPEDITION	6.0	35.0	71.7	98.7	6.0	8.3	9.0	8.7	8.0	7.7	7.7	7.7	7.9
KY-31	5.7	46.7	80.0	99.0	6.0	7.0	7.0	7.0	6.0	5.3	5.7	5.7	6.2
LSD VALUE	1.2	12.3	19.6	2.4	1.4	1.2	0.1	0.5	0.7	0.8	0.6	0.5	0.2
C.V. (%)	8.9	16.1	8.7	0.5	7.0	4.9	0.6	2.8	4.3	5.4	4.4	3.7	1.7

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.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/ 4/ SOD HANDLING 1-5; 5=BEST 2/								
	SOD HANDLING MONTHS AFTER PLANTING			SHEAR STRENGTH MONTHS AFTER PLANTING			MAX TENSILE STRENGTH MONTHS AFTER PLANTING		
	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS
DLF-TF-3876	2.3	2.7	2.7	13.0	14.7	13.3	230.0	241.7	178.7
DLF-TF-3877	2.0	2.3	2.0	12.7	14.3	18.3	177.3	222.7	241.0
NAI-GLW3	2.0	2.7	3.0	14.0	14.0	16.3	253.0	224.0	256.0
21CEG1	2.7	3.3	3.3	14.7	14.7	18.0	200.7	254.3	264.7
21GPS7	2.3	2.3	3.3	13.0	13.7	15.3	202.3	200.3	234.7
22LGT2	3.0	1.7	3.0	15.3	11.0	18.0	244.7	145.0	281.0
23HEG7	3.0	2.3	3.0	15.0	12.3	16.3	254.0	201.7	225.3
BGT2	3.0	1.7	2.3	16.3	14.3	15.3	300.0	230.7	232.7
BULLSEYE LTZ	2.7	2.3	3.0	14.7	14.3	16.3	251.3	213.0	295.3
DLF-TF-3867	2.7	2.7	3.3	14.0	13.0	19.3	223.7	222.7	299.7
DLF-TF-3870	3.3	2.3	3.7	14.3	13.3	15.7	245.0	187.7	255.7
DLF-TF-3873	1.7	2.3	2.7	13.7	15.0	15.0	213.3	254.0	256.7
EL CAMINO	2.3	2.3	1.7	12.7	16.0	13.7	234.7	274.3	186.7
LTP-GTM	3.0	3.0	3.3	13.0	13.7	16.3	214.0	222.7	262.7
NAI-CEG2	3.0	2.3	3.3	13.7	12.0	18.3	219.0	168.3	287.3
PPG-TF 427	3.3	2.3	3.7	16.7	13.3	18.0	257.0	217.7	298.3
PPG-TF 435	2.7	2.7	2.0	11.7	16.3	17.0	162.0	240.7	245.3
PPG-TF 440	3.0	1.7	2.3	14.7	12.0	18.3	259.3	172.0	293.3
PPG-TF 497	3.7	2.3	2.7	14.7	13.7	18.3	267.7	212.0	277.3
PPG-TF 499	2.7	2.3	2.7	13.7	13.3	14.7	209.7	212.3	210.7
PPG-TF 508	3.7	2.0	2.3	16.0	12.0	15.0	350.3	172.7	245.3
PPG-TF 541	2.7	2.0	3.7	12.0	15.0	15.3	209.0	230.0	235.7
PST-5LOD	3.0	3.0	3.0	15.7	14.3	14.3	242.3	248.7	213.7
SETF 409	2.0	2.7	3.0	13.0	13.3	20.7	183.0	169.0	297.7
SPYDER 3LS (PPG-TF 399)	2.3	2.0	2.7	14.7	12.7	15.3	273.7	187.0	209.0
TORINO	3.0	2.3	3.0	15.3	16.7	20.7	318.7	268.0	315.0
23JWL	2.3	2.7	3.0	13.7	14.0	15.7	218.0	266.7	208.0
BONFIRE	3.0	2.7	3.0	13.3	18.0	17.3	199.7	256.7	263.7
BY-GLS1	3.0	2.0	3.7	14.0	12.0	15.7	241.7	194.7	244.7
BY-GLS4	3.0	2.3	3.7	13.7	12.3	17.7	255.0	198.0	296.3
DAYBREAK	3.0	2.7	3.3	13.7	14.7	20.3	223.3	235.0	292.0
DLF-TF-3844	3.0	2.7	2.7	14.7	14.7	14.0	232.3	235.7	179.0
DLF-TF-3868	2.0	3.0	3.0	11.3	14.7	18.3	183.7	265.0	278.7
DLF-TF-3869	2.7	2.7	2.7	16.0	16.7	19.0	237.7	294.3	287.3
DLF-TF-3872	2.7	2.7	2.7	14.3	12.0	15.7	225.7	178.0	272.7
DLF-TF-3875	2.7	2.3	3.3	15.0	14.0	18.0	287.0	239.3	353.3
DRAGSTER	3.3	2.3	3.7	16.0	16.7	13.3	297.0	307.3	202.7
ENDGAME	3.0	3.0	3.0	13.3	13.3	15.3	194.0	203.0	242.0
FIRECRACKER 2G-LS (PPG-TF 538)	3.0	2.0	2.7	11.7	11.7	15.7	177.7	161.7	256.3
FIREHAWK SLT	2.7	2.7	2.7	12.3	14.3	14.3	189.7	247.3	217.3
GET 21	2.0	2.0	3.0	15.0	13.3	14.0	266.3	196.7	214.7
GO-BPTF-T	2.7	2.0	2.7	13.0	13.7	15.7	201.0	184.3	220.0
LTP-SPP	3.0	2.3	3.3	14.3	14.0	15.7	271.3	182.3	224.7
NAI-21GPS2	3.7	2.3	3.7	14.3	12.0	15.7	243.3	197.3	252.3

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/ 4/ SOD HANDLING 1-5; 5=BEST 2/								
	SOD HANDLING MONTHS AFTER PLANTING			SHEAR STRENGTH MONTHS AFTER PLANTING			MAX TENSILE STRENGTH MONTHS AFTER PLANTING		
	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS
NAI-LGT1	2.7	2.3	3.0	13.3	13.0	16.7	217.0	204.3	241.0
PPG-TF 405	2.3	2.3	3.0	13.7	14.7	16.0	202.7	257.0	278.0
PPG-TF 422	2.3	2.3	2.7	13.3	14.0	13.7	248.7	201.7	222.3
PPG-TF 475	3.0	3.0	3.3	16.3	12.7	17.0	242.7	169.0	277.7
PPG-TF 477	2.7	2.0	2.0	13.3	11.3	14.7	246.7	144.7	204.0
PPG-TF 498	2.0	2.3	3.3	14.3	14.7	17.3	249.7	190.0	276.0
PPG-TF 500	2.3	2.0	2.3	14.7	12.3	16.7	219.7	187.3	268.7
PPG-TF 505	2.7	2.0	2.3	17.7	13.7	16.3	282.7	198.7	248.7
PPG-TF 506	2.7	2.0	2.0	17.0	16.0	16.0	347.3	273.7	332.7
PPG-TF 539	3.3	2.0	3.0	15.3	13.0	20.3	243.7	200.7	266.7
PPG-TF 540	2.7	2.0	3.0	13.3	11.7	15.7	203.3	147.3	295.7
PST-5LSM	2.7	2.0	3.0	12.0	13.0	15.0	164.0	194.3	238.7
PVP-LOLA	3.0	3.0	3.3	13.7	14.7	20.7	223.3	233.3	314.7
RAPTOR 4LS (PPG-TF 433)	3.0	2.7	2.7	14.3	15.3	13.7	229.7	265.0	214.7
SUPERSONIC 2GL (PPG-TF 493)	2.7	2.3	3.0	14.3	11.7	17.7	250.7	169.3	274.0
VALIANT (PPG-TF 437)	3.0	3.3	3.3	17.0	15.7	20.0	271.7	229.3	336.3
VALKYRIE 2LS (PPG-TF 402)	3.7	3.0	2.7	14.3	14.3	16.7	230.3	215.7	277.7
XANADU	2.0	2.3	2.3	14.7	13.7	15.0	274.0	212.7	254.3
BATTLE HAWK	2.7	1.7	2.0	12.3	9.0	12.3	198.3	130.7	188.7
CAPITAN	2.7	2.7	2.3	14.7	13.3	14.3	220.3	226.7	204.7
DLF-TF-3874	3.0	3.0	3.0	15.7	14.0	14.3	294.3	211.0	206.7
DLF-TF-3880	3.0	2.7	2.3	13.0	16.0	16.7	221.0	250.7	292.7
DYNAMITE 2G-LS (PPG-TF 404)	3.3	2.7	3.3	14.7	14.0	17.0	238.7	244.3	249.0
GLX STAR	2.7	2.7	3.7	15.0	13.7	15.3	222.3	242.0	238.7
GO-TETF	2.7	2.7	3.0	16.0	12.3	17.7	250.3	206.7	295.3
GRIDIRON	3.3	2.7	2.3	15.3	12.3	19.0	289.3	203.3	263.0
NAI-2413	2.7	2.3	2.3	15.3	14.7	17.3	253.3	220.0	255.0
NAI-BNTB	3.3	3.0	3.7	15.7	16.3	16.7	262.7	229.0	244.3
NAI-HEG9	2.7	2.7	3.0	14.7	13.7	15.0	250.0	232.0	226.7
NAI-SOTF	3.7	2.3	2.0	14.7	15.0	13.0	246.0	228.3	176.7
PADRE 2	3.0	2.3	2.7	15.0	13.3	16.0	283.3	206.0	225.7
PPG-TF 403	2.3	2.0	2.7	15.3	16.3	16.3	250.7	270.0	246.3
PPG-TF 503	2.7	2.0	3.0	15.0	13.3	17.3	252.0	223.7	310.0
PPG-TF 504	3.0	3.0	3.3	16.0	13.3	19.7	281.0	226.0	285.0
PPG-TF 507	3.0	2.3	3.0	13.3	13.0	14.0	211.7	188.0	209.0
PRO GOLD	2.0	2.7	2.3	12.3	12.7	14.7	191.0	211.7	221.3
PST-5CHWM	2.3	2.3	2.3	13.7	13.0	13.3	224.3	213.0	197.7
PST-5EBP	2.7	3.3	3.0	17.0	13.7	13.7	285.0	212.3	220.7
PST-R5HD6	2.7	2.7	3.0	13.7	12.7	17.3	216.3	177.7	262.0
RAD-TF134	3.3	2.3	2.3	14.7	12.0	16.0	279.0	168.3	282.7
RAPTOR III	2.7	2.3	3.3	12.7	15.7	13.0	209.0	238.3	196.3
SETFT3	2.3	1.7	3.0	14.3	11.0	14.7	229.3	150.0	217.7
SMG-TF24	2.7	2.0	3.3	12.0	12.3	16.0	187.7	173.3	269.3
ATLAS	3.0	2.0	2.7	14.7	12.3	15.0	248.3	211.7	237.7

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GROWN FOR SOD STUDY AT MANHATTAN, KS 1/
2025 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/ 4/
SOD HANDLING 1-5; 5=BEST 2/

NAME	SOD HANDLING MONTHS AFTER PLANTING			SHEAR STRENGTH MONTHS AFTER PLANTING			MAX TENSILE STRENGTH MONTHS AFTER PLANTING		
	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS	8 MONTHS	10 MONTHS	13 MONTHS
GO-SH19	3.0	1.7	2.0	12.7	13.7	14.7	206.0	228.7	210.0
PST-5CHR	3.3	2.7	2.3	12.7	12.7	14.3	223.7	201.7	236.0
PST-R5WG	3.3	3.3	3.0	13.7	14.7	14.3	202.7	242.7	223.7
24FE7105	2.7	2.3	2.3	16.3	11.0	15.0	271.7	161.3	217.7
ATF1832	2.0	2.0	1.7	12.3	14.3	15.7	200.3	272.3	241.0
BAR FA 412	3.0	2.3	2.7	15.3	14.7	14.3	295.0	260.0	232.7
BRAVO 2	2.7	2.7	2.3	17.0	13.7	12.7	257.3	207.0	176.3
EASY GREEN	3.0	2.3	2.3	15.0	13.7	13.0	255.0	222.3	202.3
KNOX	3.0	2.7	2.7	15.7	15.0	17.7	252.7	210.0	260.7
PST-5CHW2	3.0	2.7	2.3	14.0	14.7	14.3	263.3	241.3	205.3
PST-5DFD	2.7	2.3	2.7	14.0	11.0	15.3	241.0	155.7	247.0
TOP SHELF	3.3	3.0	3.0	16.0	13.7	15.3	290.7	260.7	244.7
BAR FA 408	3.0	3.0	2.0	14.7	17.0	13.7	271.0	230.0	214.3
PRIMO	3.3	2.7	2.0	14.3	17.0	15.7	292.3	275.7	240.7
RAD-TF136	2.7	3.0	2.7	19.7	14.7	15.3	323.3	246.3	221.7
RAD-TF146	3.0	2.3	2.3	14.7	13.7	13.0	264.3	242.7	216.7
RAD-TF147	3.0	2.7	3.0	15.3	14.0	14.3	259.7	224.7	209.7
REJUVENATE	2.7	2.7	2.7	16.3	16.0	13.0	263.7	291.7	184.3
REBEL XPEDITION	2.0	2.0	1.7	13.3	12.3	12.7	216.3	183.0	167.0
KY-31	2.7	2.7	2.0	14.0	12.7	12.3	282.0	228.3	210.0
LSD VALUE	3.6	3.8	4.4	11.8	9.5	11.1	295.6	171.1	174.0
C.V. (%)	27.2	30.1	32.6	17.6	18.4	20.1	26.8	25.3	23.3

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/ SHEAR STRENGTH MEASURED IN NEWTON-METERS.

4/ MAX TENSILE STRENGTH MEASURED IN NEWTONS.

TABLE 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GRWON FOR GRAY LEAF SPOT STUDY AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	SEEDLING VIGOR	GRAY LEAF SPOT	QUALITY OCTOBER
PPG-TF 497	8.7	9.0	9.0
BY-GLS4	8.0	8.0	8.3
GET 21	9.0	8.3	8.3
LTP-GTM	8.3	9.0	8.3
FIRECRACKER 2G-LS (PPG-TF 538)	8.3	8.0	8.0
PPG-TF 498	8.3	9.0	8.0
PPG-TF 503	9.0	8.3	8.0
PPG-TF 539	9.0	8.7	8.0
22LGT2	8.0	8.3	7.7
PPG-TF 499	8.7	8.3	7.7
DLF-TF-3869	8.0	7.3	7.3
DLF-TF-3870	7.3	6.7	7.3
NAI-CEG2	8.3	8.0	7.3
NAI-HEG9	9.0	8.3	7.3
PPG-TF 403	8.3	8.3	7.3
PPG-TF 507	9.0	8.3	7.3
PVP-LOLA	7.3	8.0	7.3
VALKYRIE 2LS (PPG-TF 402)	9.0	8.3	7.3
23JWL	7.7	8.0	7.0
BY-GLS1	8.3	7.7	7.0
NAI-GLW3	8.0	8.0	7.0
PPG-TF 504	7.3	8.3	7.0
PPG-TF 540	7.7	7.3	7.0
SETF 409	8.7	8.0	7.0
SUPERSONIC 2GL (PPG-TF 493)	8.3	7.0	7.0
21CEG1	7.3	7.3	6.7
21GPS7	9.0	8.0	6.7
NAI-21GPS2	8.0	7.7	6.7
PPG-TF 440	8.7	6.0	6.7
PPG-TF 505	7.0	8.7	6.7
PPG-TF 541	7.3	6.7	6.7
ATF1832	8.0	5.3	6.3
BGT2	7.7	7.3	6.3
DYNAMITE 2G-LS (PPG-TF 404)	7.0	8.0	6.3
EL CAMINO	8.0	6.0	6.3
PPG-TF 500	7.3	8.0	6.3
SPYDER 3LS (PPG-TF 399)	8.0	5.7	6.3
VALIANT (PPG-TF 437)	8.7	8.3	6.3
23HEG7	8.0	6.7	6.0
DLF-TF-3844	7.0	6.7	6.0
PPG-TF 427	9.0	6.3	6.0
PPG-TF 506	7.7	7.3	6.0
PPG-TF 508	8.0	7.0	6.0
TORINO	7.7	6.7	6.0
DAYBREAK	8.7	8.0	5.7

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GRWON FOR GRAY LEAF SPOT STUDY AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	SEEDLING VIGOR	GRAY LEAF SPOT	QUALITY OCTOBER
DLF-TF-3868	6.3	6.3	5.7
DLF-TF-3877	6.7	6.3	5.7
GO-BPTF-T	8.0	6.0	5.7
NAI-LGT1	7.7	6.3	5.7
PPG-TF 475	8.0	7.7	5.7
PST-5CHW2	7.0	6.0	5.7
PST-5EBP	8.0	5.7	5.7
SMG-TF24	7.3	7.7	5.7
BAR FA 408	6.7	7.0	5.3
DLF-TF-3867	6.3	6.0	5.3
GLX STAR	7.3	5.0	5.3
DLF-TF-3873	7.0	6.3	5.0
DRAGSTER	7.7	6.7	5.0
EASY GREEN	6.7	5.7	5.0
GRIDIRON	9.0	7.0	5.0
LTP-SPP	6.7	6.3	5.0
NAI-2413	7.7	7.0	5.0
PPG-TF 405	6.3	7.0	5.0
PPG-TF 435	7.7	5.7	5.0
PST-5DFD	8.3	5.3	5.0
PST-5LOD	8.0	7.0	5.0
PST-R5WG	7.0	6.0	5.0
RAPTOR 4LS (PPG-TF 433)	8.3	6.0	5.0
DLF-TF-3874	5.7	6.0	4.7
DLF-TF-3880	7.0	6.0	4.7
PST-5CHR	7.7	5.0	4.7
BATTLE HAWK	6.0	5.7	4.3
BULLSEYE LTZ	7.3	5.7	4.3
ENDGAME	7.0	6.0	4.3
GO-TETF	6.7	5.7	4.3
PPG-TF 422	7.0	6.0	4.3
PPG-TF 477	7.0	5.7	4.3
PST-5CHWM	6.7	6.7	4.3
DLF-TF-3876	7.3	5.3	4.0
PST-5LSM	4.7	4.3	4.0
ATLAS	6.3	5.0	3.7
BRAVO 2	7.3	5.3	3.7
CAPITAN	6.3	5.3	3.7
KNOX	6.3	4.7	3.7
NAI-BNTB	6.7	4.0	3.7
SETFT3	7.7	5.3	3.7
XANADU	6.7	5.3	3.7
GO-SH19	5.3	5.3	3.3
PADRE 2	6.0	5.0	3.3
PST-R5HD6	6.7	4.7	3.3

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
GRWON FOR GRAY LEAF SPOT STUDY AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	SEEDLING VIGOR	GRAY LEAF SPOT	QUALITY OCTOBER
BAR FA 412	6.0	4.0	3.0
BONFIRE	3.0	4.7	3.0
DLF-TF-3875	4.7	4.7	3.0
NAI-SOTF	4.3	4.0	3.0
RAPTOR III	6.7	4.3	3.0
REBEL XPEDITION	5.3	4.0	3.0
DLF-TF-3872	5.7	4.3	2.7
FIREHAWK SLT	7.0	3.7	2.7
RAD-TF134	6.3	4.0	2.7
TOP SHELF	6.3	4.0	2.7
RAD-TF136	5.7	2.3	2.3
PRO GOLD	4.3	3.7	2.0
RAD-TF146	7.0	2.7	2.0
RAD-TF147	6.7	3.3	2.0
REJUVENATE	4.3	2.7	2.0
24FE7105	5.0	3.3	1.3
PRIMO	6.0	3.3	1.3
KY-31	7.0	1.7	1.0
LSD VALUE	2.4	2.3	2.1
C.V. (%)	18.1	22.7	25.7

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 18.

GENETIC COLOR OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	MN1	NC1	NE1	OK1	OR1	TN1	MEAN
RAD-TF147	7.0	9.0	8.3	8.7	7.3	7.7	7.0	9.0	7.3	5.3	7.7
PPG-TF 477	7.0	9.0	8.0	7.7	8.0	7.3	7.3	7.7	7.0	7.0	7.6
RAD-TF146	6.7	9.0	8.3	8.7	7.3	7.0	7.0	9.0	7.3	5.3	7.6
GO-SH19	7.0	9.0	8.0	8.0	7.7	7.3	7.0	8.3	6.7	6.3	7.5
XANADU	7.0	8.7	7.7	8.0	6.7	7.0	7.0	8.7	7.3	6.7	7.5
REJUVENATE	7.0	9.0	7.7	8.3	6.7	7.3	8.0	8.0	6.7	5.7	7.4
NAI-BNTB	7.0	8.7	7.7	8.0	8.0	7.0	7.0	8.0	6.0	7.0	7.4
RAD-TF134	7.0	9.0	8.0	8.0	6.7	7.0	7.0	8.7	7.3	5.7	7.4
PPG-TF 405	7.0	9.0	8.0	8.0	7.3	7.0	7.0	8.0	6.7	6.0	7.4
RAD-TF136	7.0	9.0	8.3	8.0	7.0	7.0	7.0	8.7	7.0	4.7	7.4
BAR FA 412	6.3	9.0	8.0	8.0	6.7	7.3	7.0	7.7	6.3	7.3	7.4
PPG-TF 475	7.0	9.0	7.3	7.7	6.7	7.3	7.0	8.0	7.3	6.0	7.3
PPG-TF 427	6.7	9.0	7.3	7.7	7.0	7.3	7.0	7.7	6.7	6.7	7.3
21CEG1	7.0	9.0	8.0	7.0	7.3	7.7	7.0	7.3	6.3	6.3	7.3
ATF1832	7.0	9.0	8.0	8.0	6.0	7.0	7.0	7.7	6.3	7.0	7.3
PPG-TF 507	7.0	9.0	8.3	7.3	7.0	7.0	7.0	7.3	6.7	6.3	7.3
GO-BPTF-T	7.0	9.0	7.7	8.0	7.0	7.7	6.7	7.7	7.0	5.3	7.3
DLF-TF-3875	6.7	8.7	7.7	7.7	6.7	7.3	7.0	7.7	6.7	6.7	7.3
ENDGAME	7.3	9.0	7.3	8.0	7.7	7.0	7.0	7.0	6.7	5.7	7.3
NAI-SOTF	7.0	9.0	7.7	8.3	7.0	7.0	7.0	8.0	5.7	6.0	7.3
PPG-TF 403	7.0	9.0	8.7	7.7	6.3	7.0	7.0	7.3	7.0	5.7	7.3
GO-TETF	7.0	9.0	8.3	7.7	6.7	7.3	7.0	8.0	6.3	5.3	7.3
PPG-TF 508	7.0	8.7	8.0	7.7	7.7	7.0	7.0	7.7	6.7	5.3	7.3
DLF-TF-3844	7.0	9.0	8.3	8.0	6.0	7.0	7.0	7.0	6.3	6.7	7.2
PPG-TF 435	6.7	9.0	7.3	7.7	7.0	7.0	7.0	7.7	6.7	6.3	7.2
DLF-TF-3874	6.7	9.0	8.0	7.3	6.0	7.3	7.3	7.0	7.7	5.7	7.2
DLF-TF-3873	7.0	8.7	8.3	8.0	6.3	7.0	7.0	8.0	6.7	5.0	7.2
DYNAMITE 2G-LS (PPG-TF 404)	6.7	9.0	8.0	7.7	7.7	7.0	7.0	7.3	6.7	5.0	7.2
PPG-TF 440	7.0	8.7	7.3	7.3	7.0	7.0	7.0	7.0	7.0	6.7	7.2
SPYDER 3LS (PPG-TF 399)	7.0	9.0	8.0	8.0	6.7	7.3	7.0	7.7	6.7	4.7	7.2
VALIANT (PPG-TF 437)	7.0	8.7	7.7	8.0	7.7	7.0	7.0	7.7	6.7	4.7	7.2
24FE7105	7.0	8.3	7.7	8.3	6.0	7.0	7.0	8.0	6.7	5.7	7.2
BULLSEYE LTZ	7.0	8.7	8.0	7.7	6.0	7.3	7.0	7.3	6.7	6.0	7.2
DLF-TF-3880	7.0	8.7	8.0	7.7	6.0	7.0	7.3	7.3	7.0	5.7	7.2
TORINO	7.0	9.0	8.0	7.7	6.3	7.3	7.0	6.3	6.3	6.7	7.2
DLF-TF-3872	7.0	9.0	8.0	8.3	5.7	7.0	6.7	8.0	6.7	5.3	7.2
PPG-TF 422	7.0	9.0	8.0	7.3	6.0	7.0	7.0	7.3	7.0	6.0	7.2
PPG-TF 500	7.0	8.7	7.3	7.3	8.0	7.0	6.7	6.7	6.3	6.7	7.2
VALKYRIE 2LS (PPG-TF 402)	7.0	9.0	7.3	7.3	7.3	7.0	7.0	6.7	6.7	6.3	7.2
PPG-TF 499	6.7	8.7	7.0	7.3	6.3	7.3	7.0	7.0	6.3	7.7	7.1
DAYBREAK	6.7	9.0	7.7	8.0	5.7	7.0	7.0	7.7	6.7	6.0	7.1
DLF-TF-3869	6.7	9.0	7.3	7.7	6.7	7.0	7.0	6.7	7.3	6.0	7.1
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	9.0	7.3	7.7	7.0	7.0	7.0	6.7	6.7	5.7	7.1
PPG-TF 497	7.0	8.7	7.0	7.7	7.3	7.3	7.0	7.0	6.0	6.0	7.1
PPG-TF 541	6.7	8.7	8.0	7.3	6.7	7.0	7.0	6.7	6.3	6.7	7.1
PRIMO	7.0	9.0	7.7	7.7	6.7	7.3	6.7	7.0	6.3	5.7	7.1

TABLE 18.
(CONT'D)GENETIC COLOR OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	MN1	NC1	NE1	OK1	OR1	TN1	MEAN
PPG-TF 506	7.0	9.0	7.7	7.3	7.0	7.0	6.7	7.0	7.0	5.3	7.1
PPG-TF 505	7.0	8.3	7.3	7.7	7.0	7.3	7.0	7.0	6.0	6.0	7.1
22LGT2	7.0	8.3	7.7	7.3	7.3	7.0	7.0	7.0	7.0	5.0	7.1
BAR FA 408	7.3	8.7	7.7	7.7	5.3	7.0	7.0	7.3	6.7	5.7	7.0
REBEL XPEDITION	7.0	8.7	8.0	8.3	5.3	7.0	7.0	8.0	6.0	5.0	7.0
DLF-TF-3876	6.7	9.0	7.7	7.3	6.3	7.0	6.7	7.7	7.0	5.0	7.0
FIREHAWK SLT	7.0	9.0	8.0	7.3	6.3	7.0	7.0	7.3	6.3	5.0	7.0
RAPTOR III	7.0	8.7	7.0	7.3	6.3	7.0	7.0	7.0	6.7	6.3	7.0
DLF-TF-3868	6.7	8.7	7.7	7.7	6.7	7.3	7.0	6.3	6.3	5.7	7.0
DLF-TF-3877	6.7	9.0	7.3	7.3	6.3	7.0	7.0	7.3	6.0	6.0	7.0
PPG-TF 503	7.0	8.7	7.3	7.3	6.7	7.0	7.0	6.3	6.7	6.0	7.0
SETF 409	7.0	8.7	7.0	8.0	6.7	7.0	7.0	7.0	6.7	5.0	7.0
SUPERSONIC 2GL (PPG-TF 493)	7.0	8.7	7.3	7.3	6.3	6.7	7.0	6.7	6.3	6.7	7.0
TOP SHELF	7.0	9.0	7.7	7.7	5.3	7.7	7.0	8.0	6.3	4.3	7.0
BONFIRE	7.0	8.3	7.7	7.7	5.0	7.3	7.0	7.3	6.0	6.3	7.0
CAPITAN	6.7	8.7	8.0	7.7	6.0	7.0	6.7	7.3	6.7	5.0	7.0
PST-R5HD6	7.0	9.0	8.3	7.7	6.0	7.0	7.0	7.3	6.3	4.0	7.0
BRAVO 2	7.0	9.0	7.3	7.7	5.7	7.0	7.0	7.3	6.3	5.3	7.0
NAI-21GPS2	7.0	9.0	7.0	7.3	6.0	7.0	7.0	6.3	6.7	6.3	7.0
PPG-TF 498	7.0	9.0	7.3	7.0	6.3	7.0	7.0	6.7	5.7	6.7	7.0
RAPTOR 4LS (PPG-TF 433)	7.0	9.0	8.0	7.3	6.3	7.0	6.7	6.7	6.7	5.0	7.0
EASY GREEN	6.3	8.3	7.3	8.3	6.0	7.0	7.0	6.7	6.3	6.0	6.9
PADRE 2	7.0	8.3	7.3	7.7	6.3	7.0	7.0	7.3	6.3	5.0	6.9
BATTLE HAWK	7.0	8.7	7.7	8.0	6.0	6.7	7.0	7.7	6.0	4.7	6.9
DLF-TF-3867	7.0	8.3	7.0	7.3	7.3	7.7	7.0	6.3	6.3	5.0	6.9
EL CAMINO	7.0	8.7	7.7	7.3	6.3	7.0	7.3	7.0	6.7	4.3	6.9
GET 21	7.0	8.7	7.0	7.3	7.0	7.0	7.0	6.7	6.0	5.7	6.9
NAI-CEG2	7.0	9.0	7.0	7.7	6.7	7.3	7.0	6.3	6.0	5.3	6.9
23JWL	7.0	8.7	7.7	7.3	6.0	7.0	7.0	6.7	6.3	5.3	6.9
BGT2	7.0	8.3	7.0	7.3	6.3	7.0	7.0	6.3	6.3	6.3	6.9
BY-GLS1	6.7	8.3	7.3	7.3	6.3	7.0	7.0	7.0	6.0	6.0	6.9
NAI-LGT1	6.7	8.3	7.0	7.3	6.3	7.0	7.0	6.7	7.0	5.7	6.9
PST-5DFD	7.0	8.3	7.3	8.0	6.0	7.0	7.0	7.0	6.0	5.3	6.9
PVP-LOLA	7.0	8.3	7.0	7.3	6.7	7.3	7.0	6.7	6.3	5.3	6.9
21GPS7	7.0	8.7	6.7	7.0	6.3	7.0	7.0	6.3	6.0	6.7	6.9
NAI-HEG9	7.0	9.0	7.0	7.0	6.3	7.0	7.0	6.0	6.0	6.3	6.9
PPG-TF 504	7.0	8.3	7.7	7.0	6.3	7.0	7.0	6.3	6.0	6.0	6.9
PPG-TF 539	7.0	8.3	7.0	7.0	7.0	7.0	7.0	7.0	6.0	5.3	6.9
LTP-GTM	7.0	8.3	6.7	7.3	6.0	7.0	7.0	6.0	6.3	7.0	6.9
LTP-SPP	7.0	8.7	6.3	7.3	6.3	7.0	6.7	6.7	6.3	6.3	6.9
NAI-GLW3	7.0	8.7	7.3	7.0	6.7	6.7	7.0	6.3	6.3	5.3	6.8
BY-GLS4	7.0	8.0	7.0	7.0	6.0	7.0	7.3	6.7	6.0	6.0	6.8
DLF-TF-3870	6.7	8.3	7.7	7.3	6.0	6.3	7.0	6.3	6.3	6.0	6.8
DRAGSTER	7.0	8.3	6.7	7.0	6.0	7.0	7.0	7.0	6.0	6.0	6.8
KNOX	7.0	8.7	7.7	7.7	4.3	7.0	6.7	7.3	6.3	5.3	6.8
NAI-2413	7.3	8.3	7.0	7.0	6.7	7.0	6.7	7.0	5.7	5.3	6.8
PST-R5WG	7.0	8.7	7.3	7.3	5.3	7.0	6.7	7.0	6.3	5.0	6.8

TABLE 18.
(CONT'D)

GENETIC COLOR OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	MN1	NC1	NE1	OK1	OR1	TN1	MEAN
PST-5CHWM	7.0	8.0	7.0	7.7	6.0	7.0	6.7	6.7	6.3	5.0	6.7
PST-5LSM	7.0	8.3	7.0	7.3	6.3	7.0	7.0	6.0	6.3	5.0	6.7
GRIDIRON	7.0	8.3	6.7	7.3	5.7	6.7	7.0	7.0	6.7	5.0	6.7
PST-5EBP	7.0	8.3	6.7	7.3	6.0	7.0	7.0	6.0	6.0	6.0	6.7
ATLAS	7.0	8.7	7.0	7.3	5.7	6.7	7.0	7.0	6.0	4.7	6.7
PST-5CHW2	6.7	8.7	7.3	7.7	5.3	7.0	7.0	6.3	6.3	4.7	6.7
PST-5LOD	7.0	8.3	7.0	7.3	6.3	6.7	7.0	7.0	6.0	4.3	6.7
PPG-TF 540	6.3	8.7	7.7	7.0	5.7	7.0	6.7	6.0	6.3	5.3	6.7
SETFT3	7.0	8.7	7.0	7.0	5.0	6.7	7.0	6.7	6.0	5.7	6.7
PST-5CHR	6.7	8.3	7.7	7.0	4.3	7.0	6.7	6.3	6.3	6.0	6.6
GLX STAR	7.0	8.3	7.0	7.3	5.3	6.7	7.0	6.0	6.0	5.3	6.6
23HEG7	6.7	8.3	6.7	7.0	6.0	7.0	7.0	6.0	6.3	4.7	6.6
SMG-TF24	7.0	8.3	7.3	7.0	6.7	7.0	7.0	5.3	5.7	4.3	6.6
PRO GOLD	6.7	8.3	7.3	7.3	5.0	6.7	4.7	6.7	6.0	5.0	6.4
KY-31	6.7	4.7	4.0	6.0	1.0	5.0	7.0	4.0	3.7	2.7	4.5
LSD VALUE	0.5	0.7	1.0	0.8	1.3	0.6	0.4	1.1	0.8	1.7	0.3
C.V. (%)	4.9	5.0	8.2	6.9	12.9	5.2	3.7	9.7	8.1	18.4	8.6

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

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

TABLE 19.

SPRING GREENUP OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	MD1	MI1	NE1	NJ1	TN1	MEAN
KY-31	7.0	6.0	8.3	6.7	6.0	9.0	5.3	6.9
SUPERSONIC 2GL (PPG-TF 493)	7.0	7.0	8.0	6.7	7.0	6.0	5.7	6.8
DLF-TF-3870	7.0	6.7	7.7	7.0	6.0	6.7	5.0	6.6
24FE7105	7.0	6.3	8.3	6.3	6.7	5.7	5.3	6.5
GET 21	7.0	6.0	7.3	5.7	6.7	7.7	5.3	6.5
LTP-SPP	7.3	5.7	7.7	6.3	6.3	6.3	5.7	6.5
PPG-TF 540	6.3	6.7	8.0	6.0	6.3	6.7	5.3	6.5
21GPS7	7.3	6.0	7.7	6.3	6.7	5.7	5.3	6.4
23HEG7	7.0	6.7	8.0	5.7	6.7	6.0	5.0	6.4
BAR FA 408	7.3	5.7	7.7	6.0	6.3	6.3	5.7	6.4
BATTLE HAWK	7.0	6.3	7.7	5.0	6.7	7.0	5.3	6.4
PST-5EBP	7.0	6.3	8.0	5.3	6.3	6.3	5.7	6.4
PVP-LOLA	7.0	5.7	7.7	6.0	6.3	6.7	5.7	6.4
SMG-TF24	7.3	5.7	8.0	6.0	6.7	6.0	5.3	6.4
PPG-TF 503	7.0	6.0	8.0	6.3	6.3	5.7	5.7	6.4
BY-GLS4	7.3	5.7	8.0	5.7	6.3	6.3	5.3	6.4
NAI-2413	7.0	6.3	8.0	5.7	6.3	6.3	5.0	6.4
23JWL	7.3	5.7	7.7	5.7	7.0	5.7	5.7	6.4
DLF-TF-3867	6.7	6.0	8.3	6.3	6.3	6.0	5.0	6.4
DLF-TF-3868	7.3	6.0	8.0	5.3	6.3	6.0	5.7	6.4
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	6.0	7.0	5.3	6.3	7.3	5.7	6.4
NAI-21GPS2	6.7	6.3	8.0	6.0	6.7	5.7	5.3	6.4
PPG-TF 541	7.0	6.3	7.3	5.7	6.3	6.3	5.7	6.4
SETFT3	7.3	6.0	7.3	6.3	6.3	6.0	5.3	6.4
VALKYRIE 2LS (PPG-TF 402)	7.3	6.3	8.0	5.7	7.0	4.7	5.7	6.4
DRAGSTER	7.0	6.0	7.7	6.3	6.0	6.0	5.3	6.3
LTP-GTM	7.0	5.0	7.3	5.7	6.7	7.0	5.7	6.3
NAI-GLW3	7.0	6.0	8.0	5.7	6.7	5.7	5.3	6.3
PPG-TF 498	7.0	6.3	8.0	6.0	6.7	5.3	5.0	6.3
GRIDIRON	7.0	5.7	7.3	6.0	6.0	6.7	5.7	6.3
NAI-CEG2	7.0	6.0	7.3	5.7	6.7	6.7	5.0	6.3
BY-GLS1	7.0	5.7	7.3	5.7	6.0	7.0	5.3	6.3
DLF-TF-3844	7.7	6.0	7.7	6.0	6.3	5.0	5.3	6.3
PPG-TF 539	7.0	5.7	8.0	5.3	6.3	6.3	5.3	6.3
SPYDER 3LS (PPG-TF 399)	7.0	6.7	7.3	6.0	6.3	5.3	5.3	6.3
BRAVO 2	7.0	6.0	7.3	6.0	6.7	5.7	5.3	6.3
CAPITAN	7.0	6.3	7.7	5.3	6.7	6.0	5.0	6.3
DLF-TF-3877	6.3	6.3	7.7	6.0	6.7	5.3	5.7	6.3
FIREHAWK SLT	7.0	6.3	7.7	5.7	6.7	5.7	5.0	6.3
PPG-TF 507	7.3	6.0	8.0	6.3	6.3	5.0	5.0	6.3
SETF 409	7.0	7.0	7.7	5.3	6.3	5.0	5.7	6.3
DAYBREAK	7.0	6.3	7.7	5.3	6.3	5.7	5.7	6.3
21CEG1	7.0	6.0	7.3	5.7	6.3	6.0	5.3	6.2
DLF-TF-3869	7.0	5.7	7.7	6.7	6.3	5.3	5.0	6.2
ENDGAME	7.0	6.0	7.0	6.7	7.0	4.3	5.7	6.2
PADRE 2	7.0	6.3	7.7	5.7	6.7	5.3	5.0	6.2

TABLE 19.
(CONT'D)

SPRING GREENUP OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	MD1	MI1	NE1	NJ1	TN1	MEAN
TOP SHELF	7.0	6.0	8.0	5.0	6.0	6.3	5.3	6.2
NAI-LGT1	7.0	6.3	8.0	5.0	6.3	6.0	5.0	6.2
PPG-TF 427	6.7	6.3	7.7	5.3	6.7	5.7	5.3	6.2
PPG-TF 435	7.0	6.3	8.0	5.3	6.7	5.3	5.0	6.2
PPG-TF 497	7.0	6.3	8.0	6.0	6.3	4.7	5.3	6.2
PST-R5HD6	7.3	6.3	7.3	5.7	6.3	5.7	5.0	6.2
ATLAS	7.0	6.3	7.7	5.0	6.3	6.3	4.7	6.2
DLF-TF-3873	7.0	6.3	7.3	6.3	6.0	5.0	5.3	6.2
GLX STAR	7.0	5.7	7.7	5.7	6.0	6.3	5.0	6.2
PPG-TF 500	7.0	6.7	8.0	5.7	6.3	4.7	5.0	6.2
PPG-TF 504	7.0	6.3	7.7	5.0	6.3	6.0	5.0	6.2
PRO GOLD	7.0	5.7	7.3	5.0	6.7	6.7	5.0	6.2
PPG-TF 422	7.0	6.0	7.3	6.7	6.7	4.7	5.0	6.2
DLF-TF-3875	7.0	6.0	7.7	6.0	6.7	4.3	5.3	6.1
PPG-TF 505	7.0	5.7	8.0	5.7	6.3	5.3	5.0	6.1
EASY GREEN	6.3	6.0	7.7	5.0	6.0	7.0	5.0	6.1
NAI-HEG9	6.7	6.3	7.7	5.3	6.3	6.0	4.7	6.1
PST-5CHWM	7.0	6.3	8.0	5.3	6.0	5.0	5.3	6.1
PST-R5WG	7.0	6.3	8.0	5.3	6.7	4.3	5.3	6.1
REBEL XPEDITION	7.0	6.0	6.3	5.3	7.0	6.0	5.3	6.1
BGT2	7.0	6.0	8.0	5.7	6.0	5.0	5.0	6.1
DLF-TF-3880	7.0	5.7	7.3	6.0	6.3	5.0	5.3	6.1
DYNAMITE 2G-LS (PPG-TF 404)	6.7	6.3	7.7	5.3	7.0	4.3	5.3	6.1
EL CAMINO	7.0	5.7	7.7	5.7	6.0	5.3	5.3	6.1
PPG-TF 499	7.0	6.3	7.7	5.7	6.0	5.0	5.0	6.1
PST-5CHR	7.0	6.3	7.7	5.7	6.7	4.0	5.3	6.1
PST-5LSM	6.7	6.3	7.0	5.7	6.0	5.7	5.3	6.1
PPG-TF 403	7.0	6.0	7.7	6.0	6.3	4.7	5.0	6.1
PPG-TF 508	7.3	6.7	7.3	5.0	6.7	4.7	5.0	6.1
PST-5DFD	7.0	6.0	7.3	5.3	6.3	5.7	5.0	6.1
BULLSEYE LTZ	7.0	5.7	6.7	6.0	6.3	5.0	5.7	6.0
VALIANT (PPG-TF 437)	7.0	6.3	7.3	6.0	6.3	4.0	5.3	6.0
XANADU	7.0	6.3	7.3	5.7	6.3	4.3	5.3	6.0
22LGT2	7.0	6.3	7.3	5.7	6.3	4.7	5.0	6.0
GO-SH19	6.7	6.3	7.3	5.7	6.7	3.7	6.0	6.0
RAPTOR 4LS (PPG-TF 433)	7.0	6.0	7.3	6.0	6.0	4.7	5.3	6.0
RAPTOR III	7.0	5.3	7.3	5.3	6.0	6.3	5.0	6.0
TORINO	6.3	6.0	7.0	6.0	6.3	5.0	5.7	6.0
BONFIRE	7.0	6.3	7.3	5.3	6.7	4.0	5.3	6.0
PPG-TF 475	6.7	6.7	7.0	5.3	6.7	4.7	5.0	6.0
PPG-TF 506	7.0	6.0	7.3	5.7	6.3	4.7	5.0	6.0
PST-5LOD	7.0	5.3	7.7	6.0	6.0	5.0	5.0	6.0
RAD-TF134	7.0	5.3	7.7	6.3	6.0	4.3	5.3	6.0
RAD-TF146	7.0	5.7	7.7	5.7	6.3	4.3	5.0	6.0
DLF-TF-3874	7.0	5.3	7.0	6.3	6.3	4.3	5.3	6.0
DLF-TF-3876	6.3	6.3	7.3	6.0	6.0	4.7	5.0	6.0
NAI-BNTB	6.7	5.7	6.3	6.0	6.7	5.0	5.0	5.9

TABLE 19.
(CONT'D)

SPRING GREENUP OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	MD1	MI1	NE1	NJ1	TN1	MEAN
PST-5CHW2	6.7	5.7	6.3	6.0	6.7	4.3	5.7	5.9
PPG-TF 477	7.0	6.0	7.0	5.3	6.3	4.0	5.3	5.9
PPG-TF 405	7.0	5.7	7.0	5.7	6.3	4.0	5.0	5.8
GO-BPTF-T	7.0	6.0	7.3	6.0	6.3	3.3	4.7	5.8
GO-TETF	7.0	6.3	7.3	4.7	6.0	4.0	5.3	5.8
DLF-TF-3872	7.0	6.0	6.3	5.0	6.7	4.0	5.3	5.8
KNOX	7.0	5.7	7.0	5.0	6.0	4.7	5.0	5.8
PPG-TF 440	7.0	6.0	6.3	6.0	6.3	3.3	5.3	5.8
BAR FA 412	6.3	6.3	6.7	5.3	6.0	4.0	5.3	5.7
RAD-TF136	7.0	5.0	7.3	6.0	6.0	3.3	5.3	5.7
RAD-TF147	7.0	5.3	6.7	5.7	5.7	4.7	5.0	5.7
NAI-SOTF	7.0	5.0	5.3	6.7	6.7	4.0	5.0	5.7
ATF1832	7.0	5.3	6.3	5.3	6.0	4.7	5.0	5.7
REJUVENATE	7.0	5.3	7.7	5.0	6.0	3.0	5.0	5.6
PRIMO	7.0	6.0	7.3	5.7	5.3	3.0	4.7	5.6
LSD VALUE	0.6	1.0	1.1	1.4	0.9	1.1	0.8	0.4
C.V. (%)	5.5	10.5	8.8	15.2	8.6	13.1	9.8	10.2

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

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

TABLE 20.

LEAF TEXTURE OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	NC1	NE1	OK1	TN1	MEAN
DYNAMITE 2G-LS (PPG-TF 404)	7.0	5.7	6.0	7.7	7.0	7.0	7.7	5.0	6.6
DLF-TF-3872	7.3	6.0	6.0	7.7	6.7	7.0	7.3	4.7	6.6
DLF-TF-3869	6.7	5.3	5.7	7.7	7.7	7.0	7.3	5.0	6.5
PPG-TF 405	7.3	5.7	5.7	7.7	7.3	6.7	7.3	4.7	6.5
DLF-TF-3877	7.0	5.7	6.0	7.7	7.7	7.0	6.7	4.7	6.5
DLF-TF-3875	7.0	5.7	6.0	7.0	7.0	6.7	7.0	5.7	6.5
PPG-TF 435	6.7	5.3	6.0	7.3	7.3	7.3	7.3	4.7	6.5
PPG-TF 506	7.0	6.0	5.7	8.0	7.3	6.7	6.3	5.0	6.5
PPG-TF 508	7.0	5.3	5.7	8.0	6.3	7.3	7.7	4.7	6.5
RAPTOR 4LS (PPG-TF 433)	7.0	5.3	6.0	7.7	7.0	6.7	8.0	4.3	6.5
VALKYRIE 2LS (PPG-TF 402)	7.0	5.3	5.7	8.0	6.7	7.0	7.3	5.0	6.5
PPG-TF 440	6.7	5.3	6.0	7.7	7.0	7.0	6.7	5.3	6.5
SETF 409	7.0	5.7	6.0	7.3	7.0	7.0	7.3	4.3	6.5
DLF-TF-3873	7.0	6.0	6.0	7.0	6.7	6.7	7.3	5.0	6.5
DLF-TF-3874	7.0	6.0	5.3	7.0	7.3	7.0	7.7	4.3	6.5
GO-TETF	7.0	5.7	6.0	7.3	6.7	7.3	6.7	5.0	6.5
PPG-TF 507	6.7	5.7	5.7	8.0	6.7	7.0	7.0	5.0	6.5
DLF-TF-3876	7.0	6.0	6.0	7.3	7.3	6.7	6.7	4.7	6.5
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	4.7	6.0	7.0	6.7	7.3	7.7	5.0	6.4
NAI-GLW3	6.7	5.3	6.0	7.7	6.7	7.0	8.0	4.0	6.4
SPYDER 3LS (PPG-TF 399)	7.0	5.3	6.0	7.7	6.3	7.0	7.0	5.0	6.4
DLF-TF-3867	7.0	5.3	5.7	7.7	7.3	6.7	8.0	3.7	6.4
PPG-TF 497	6.7	5.7	6.0	8.0	6.7	6.7	7.7	4.0	6.4
NAI-LGT1	6.7	6.0	6.0	8.0	7.0	6.7	7.0	3.7	6.4
TORINO	6.7	5.3	6.0	7.7	6.7	6.7	7.3	4.7	6.4
PPG-TF 475	6.7	5.7	6.0	7.7	7.0	7.0	6.3	4.3	6.3
PPG-TF 427	6.7	5.3	5.7	7.7	7.3	6.7	6.7	4.7	6.3
PPG-TF 498	6.7	5.3	6.0	7.3	6.3	7.3	7.0	4.7	6.3
PPG-TF 499	7.0	5.3	6.0	7.3	7.0	7.0	7.3	3.7	6.3
21CEG1	7.0	5.3	6.0	7.7	6.7	6.7	6.7	4.7	6.3
ENDGAME	7.0	5.3	6.0	7.3	7.0	6.7	6.7	4.7	6.3
PPG-TF 539	6.7	6.0	5.7	7.3	6.0	7.0	7.3	4.3	6.3
BY-GLS1	7.0	4.7	5.7	7.3	7.3	6.7	7.3	4.3	6.3
DLF-TF-3868	7.0	5.7	6.0	6.7	7.0	6.3	7.7	4.0	6.3
DLF-TF-3870	6.7	5.7	5.7	7.3	7.3	6.3	7.3	4.0	6.3
GET 21	7.0	5.7	6.0	7.0	7.3	6.3	6.3	4.7	6.3
PPG-TF 422	6.7	6.0	5.7	7.3	6.7	7.0	7.0	4.0	6.3
PPG-TF 505	7.0	5.0	5.7	7.7	6.7	6.7	7.3	4.3	6.3
XANADU	7.0	6.0	5.7	7.0	6.7	7.0	6.3	4.7	6.3
DAYBREAK	6.7	5.7	5.7	7.3	6.7	6.7	7.0	4.7	6.3
PVP-LOLA	6.3	5.0	6.0	7.7	7.3	6.7	7.7	3.7	6.3
GO-BPTF-T	7.0	5.7	5.7	7.3	6.7	7.0	6.3	4.3	6.3
GO-SH19	7.0	5.3	5.7	7.0	6.7	7.0	7.0	4.3	6.3
PPG-TF 477	6.7	5.3	5.7	7.3	6.7	7.0	7.0	4.3	6.3
SETFT3	7.0	6.0	5.7	7.0	6.7	6.3	7.0	4.3	6.3
21GPS7	6.7	5.0	5.7	7.3	7.3	7.0	7.0	4.0	6.3

TABLE 20.
(CONT'D)

LEAF TEXTURE OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	NC1	NE1	OK1	TN1	MEAN
24FE7105	7.0	6.0	6.0	6.3	6.3	7.0	6.3	5.0	6.3
DLF-TF-3844	6.7	6.0	6.0	7.0	7.3	7.0	6.7	3.3	6.3
PPG-TF 403	6.7	5.3	6.0	7.7	7.0	6.7	6.0	4.7	6.3
PPG-TF 541	7.0	5.7	5.3	7.7	6.7	7.0	6.7	4.0	6.3
PPG-TF 500	7.0	5.3	5.3	7.3	7.3	6.7	7.0	4.0	6.3
23JWL	7.0	5.0	5.7	7.3	7.0	7.0	6.3	4.3	6.2
PPG-TF 503	6.7	5.7	6.0	7.3	6.7	6.7	7.3	3.3	6.2
PST-5CHW2	7.0	5.7	5.7	7.3	7.0	6.0	6.3	4.7	6.2
LTP-GTM	6.7	5.0	6.0	7.3	7.3	6.7	7.0	3.7	6.2
NAI-CEG2	6.7	5.3	6.0	7.3	7.3	6.3	7.0	3.7	6.2
NAI-SOTF	7.0	5.3	5.3	7.3	7.0	6.7	6.3	4.7	6.2
PPG-TF 540	6.0	5.3	6.0	7.7	7.0	7.0	6.7	4.0	6.2
TOP SHELF	7.0	6.0	6.0	7.0	6.7	6.7	5.3	5.0	6.2
BULLSEYE LTZ	6.7	5.0	5.7	7.3	7.0	7.0	6.3	4.3	6.2
NAI-21GPS2	7.0	5.3	5.7	7.0	7.3	7.0	6.7	3.3	6.2
NAI-BNTB	6.7	5.7	6.0	7.0	7.0	7.0	6.0	4.0	6.2
PST-5LSM	6.7	5.7	6.0	7.0	6.3	7.0	6.7	4.0	6.2
PADRE 2	7.0	5.3	6.0	7.3	6.3	6.3	6.7	4.3	6.2
VALIANT (PPG-TF 437)	7.0	5.7	5.7	7.0	6.7	6.3	6.3	4.3	6.1
ATLAS	6.3	5.0	6.0	7.0	6.7	7.0	6.0	5.0	6.1
EL CAMINO	7.0	4.3	6.0	7.3	6.7	7.0	7.0	3.7	6.1
FIREHAWK SLT	6.7	5.3	6.0	7.7	7.0	6.3	6.0	3.7	6.1
PPG-TF 504	7.0	5.3	5.7	7.0	6.7	6.0	8.0	3.0	6.1
BY-GLS4	6.3	5.0	6.0	7.0	7.0	6.7	6.7	4.0	6.1
SUPERSONIC 2GL (PPG-TF 493)	7.3	4.7	5.7	7.3	6.3	7.0	6.3	4.0	6.1
BGT2	7.0	4.3	5.7	7.0	7.0	6.3	7.0	4.0	6.0
PST-5LOD	6.7	5.3	6.0	7.0	6.7	6.7	6.3	3.7	6.0
PST-R5WG	6.3	5.0	5.7	7.0	6.7	6.3	6.0	5.3	6.0
RAD-TF136	7.0	6.0	6.0	7.0	5.7	7.7	4.3	4.7	6.0
22LGT2	7.0	5.0	6.0	7.0	6.3	7.0	6.0	4.0	6.0
DLF-TF-3880	6.3	5.0	5.7	7.0	7.3	6.7	6.7	3.7	6.0
GLX STAR	7.0	6.0	6.0	6.7	6.3	6.3	6.3	3.3	6.0
LTP-SPP	6.3	5.3	5.3	7.0	6.7	6.7	7.3	3.3	6.0
NAI-2413	6.7	5.0	6.0	7.0	6.3	6.3	6.3	4.3	6.0
DRAGSTER	6.7	5.3	5.7	7.3	6.7	6.3	6.0	4.0	6.0
NAI-HEG9	6.7	5.0	5.7	7.7	6.3	7.0	6.0	3.7	6.0
CAPITAN	6.7	5.0	5.3	6.7	6.7	6.3	6.3	4.7	6.0
GRIDIRON	7.0	4.7	5.7	7.0	6.3	6.7	6.0	4.3	6.0
RAPTOR III	7.0	5.0	6.0	6.7	7.0	6.0	6.0	4.0	6.0
BATTLE HAWK	7.0	5.0	5.7	7.0	6.3	6.3	6.7	3.7	6.0
PST-R5HD6	7.0	5.3	5.7	7.0	6.0	6.7	6.0	4.0	6.0
PRIMO	7.0	5.7	6.0	6.0	6.3	6.3	5.7	4.3	5.9
BRAVO 2	7.0	5.3	6.0	6.3	6.7	6.0	6.0	4.0	5.9
23HEG7	6.3	5.0	5.7	7.0	7.3	6.7	6.3	2.7	5.9
PRO GOLD	7.0	5.0	5.7	6.0	6.3	6.7	6.0	4.3	5.9
RAD-TF146	6.7	5.7	6.0	6.0	6.3	7.3	5.0	4.0	5.9
REJUVENATE	7.0	5.3	5.7	6.3	6.7	6.7	5.7	3.7	5.9

TABLE 20.
(CONT'D)

LEAF TEXTURE OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	MD1	NC1	NE1	OK1	TN1	MEAN
BONFIRE	7.0	5.0	6.0	6.7	6.3	6.0	6.3	3.3	5.8
KNOX	6.7	5.3	6.0	6.7	5.7	6.0	6.0	4.3	5.8
PST-5DFD	7.0	5.0	5.7	7.0	6.0	6.7	6.3	3.0	5.8
RAD-TF134	6.7	5.7	6.0	6.3	6.7	6.0	6.0	3.3	5.8
BAR FA 412	6.3	5.3	6.0	6.0	6.0	6.3	6.0	4.7	5.8
PST-5EBP	6.3	5.3	5.7	6.7	6.7	6.3	6.0	3.7	5.8
RAD-TF147	6.3	5.7	6.0	6.7	6.3	6.7	5.0	4.0	5.8
ATF1832	6.7	5.3	5.7	6.0	6.0	6.7	6.0	4.0	5.8
SMG-TF24	7.0	5.3	5.7	6.7	6.3	6.3	6.0	3.0	5.8
PST-5CHWM	7.0	5.0	5.3	7.0	6.0	6.7	5.7	3.7	5.8
BAR FA 408	7.3	4.7	5.3	6.7	6.3	6.3	5.3	3.3	5.7
EASY GREEN	6.3	5.0	6.0	6.3	6.3	6.7	5.3	3.3	5.7
REBEL XPEDITION	7.0	5.0	5.3	6.0	6.0	6.3	5.0	3.7	5.5
PST-5CHR	6.3	4.0	5.7	6.3	6.3	6.3	5.3	3.0	5.4
KY-31	7.0	3.0	4.3	5.0	3.7	4.3	3.0	1.7	4.0
LSD VALUE	0.7	1.0	0.7	0.8	1.2	0.8	1.3	1.5	0.4
C.V. (%)	6.8	11.8	7.0	7.3	11.2	7.1	12.5	22.3	10.5

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

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

TABLE 21.

SEEDLING VIGOR OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	IN1	KS3	MN1	NJ1	NJ2	OR1	MEAN
KY-31	8.3	6.0	6.0	9.0	9.0	6.3	7.4
LTP-GTM	7.0	5.0	6.0	8.7	9.0	6.7	7.1
FIRECRACKER 2G-LS (PPG-TF 538)	6.7	5.3	5.7	7.3	8.3	7.0	6.7
PST-5EBP	6.0	4.3	5.3	8.7	9.0	6.7	6.7
NAI-CEG2	5.7	4.7	5.7	8.0	9.0	6.7	6.6
GRIDIRON	6.3	5.0	6.0	8.0	8.7	5.3	6.6
LTP-SPP	6.3	4.7	6.3	7.3	9.0	5.7	6.6
BRAVO 2	5.3	4.3	6.0	8.0	9.0	6.3	6.5
DRAGSTER	5.3	4.7	6.3	9.0	8.0	5.7	6.5
TOP SHELF	6.0	5.0	5.3	8.0	9.0	5.7	6.5
PPG-TF 541	6.3	4.7	5.7	6.7	9.0	6.3	6.4
21CEG1	5.3	5.0	6.0	7.7	9.0	5.7	6.4
BY-GLS4	6.0	4.7	6.3	7.0	9.0	5.7	6.4
PPG-TF 539	5.7	4.7	5.0	8.0	8.7	6.7	6.4
PVP-LOLA	6.0	4.3	6.3	7.0	8.7	6.3	6.4
GLX STAR	6.7	4.7	5.3	7.7	7.0	6.7	6.3
PPG-TF 427	5.3	4.3	5.7	7.7	9.0	6.0	6.3
ATF1832	5.3	5.3	5.0	7.3	8.7	6.0	6.3
DAYBREAK	6.0	4.3	5.0	7.7	8.7	6.0	6.3
EL CAMINO	5.7	4.7	7.0	6.3	8.3	5.7	6.3
GET 21	5.3	4.3	5.7	7.3	9.0	6.0	6.3
NAI-21GPS2	6.3	5.0	4.7	6.0	9.0	6.7	6.3
ATLAS	5.0	4.7	6.0	7.3	8.3	6.0	6.2
DLF-TF-3870	5.7	4.7	5.0	7.0	8.3	6.7	6.2
ENDGAME	6.0	4.7	4.7	7.0	9.0	6.0	6.2
PST-5CHW2	4.7	4.3	5.7	7.7	8.7	6.3	6.2
CAPITAN	5.7	4.0	4.7	7.7	9.0	6.0	6.2
FIREHAWK SLT	5.0	4.7	5.7	7.0	8.7	6.0	6.2
PPG-TF 422	5.0	5.0	4.7	7.0	9.0	6.3	6.2
PST-5DFD	5.3	4.3	5.3	7.0	8.7	6.3	6.2
VALKYRIE 2LS (PPG-TF 402)	5.0	5.0	5.3	6.3	9.0	6.3	6.2
EASY GREEN	5.7	4.3	5.0	8.3	8.3	5.0	6.1
RAPTOR 4LS (PPG-TF 433)	5.7	5.0	5.7	6.3	8.7	5.3	6.1
BY-GLS1	5.7	4.7	4.7	7.7	8.7	5.0	6.1
NAI-GLW3	4.7	4.7	5.3	6.7	9.0	6.0	6.1
PPG-TF 498	5.7	4.7	5.0	6.3	9.0	5.7	6.1
PPG-TF 500	6.0	4.7	5.0	6.0	8.3	6.3	6.1
PPG-TF 505	5.7	4.7	5.3	6.0	8.7	6.0	6.1
PPG-TF 540	6.0	4.7	4.3	6.7	8.7	6.0	6.1
PST-R5WG	4.7	4.7	4.7	7.7	8.7	6.0	6.1
BGT2	4.7	4.7	5.0	7.7	8.7	5.7	6.1
NAI-HEG9	5.7	4.7	5.7	7.3	7.0	6.0	6.1
SUPERSONIC 2GL (PPG-TF 493)	5.0	5.0	5.0	7.3	8.3	5.7	6.1
DLF-TF-3880	5.0	5.0	4.7	6.7	9.0	5.7	6.0
PPG-TF 403	5.3	5.0	4.3	7.0	8.0	6.3	6.0
PPG-TF 497	6.0	5.0	5.0	6.7	8.0	5.3	6.0

TABLE 21. SEEDLING VIGOR OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2025 DATA

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

NAME	IN1	KS3	MN1	NJ1	NJ2	OR1	MEAN
PPG-TF 508	6.0	4.0	6.0	6.0	8.3	5.7	6.0
RAPTOR III	5.7	4.7	5.7	6.7	7.7	5.7	6.0
TORINO	5.7	4.3	5.0	6.3	8.7	6.0	6.0
DLF-TF-3877	5.0	4.7	5.0	6.0	9.0	6.0	5.9
PPG-TF 499	5.0	5.0	5.7	5.7	8.3	6.0	5.9
RAD-TF147	5.7	4.7	4.3	6.0	9.0	6.0	5.9
DLF-TF-3844	5.3	4.0	5.7	6.3	8.3	6.0	5.9
NAI-LGT1	4.7	4.3	5.0	7.3	7.7	6.7	5.9
PPG-TF 475	5.7	4.7	4.7	6.0	8.7	6.0	5.9
RAD-TF134	5.7	4.3	5.0	6.0	8.7	6.0	5.9
BAR FA 408	5.0	4.3	6.0	6.7	8.0	5.3	5.9
BATTLE HAWK	4.7	4.7	5.0	7.3	8.0	5.7	5.9
DLF-TF-3873	5.3	4.7	5.7	5.7	9.0	5.0	5.9
NAI-SOTF	5.3	4.7	5.7	6.3	8.0	5.3	5.9
PPG-TF 506	5.3	4.3	5.3	6.3	8.7	5.3	5.9
PRO GOLD	5.0	4.3	5.0	7.0	8.3	5.7	5.9
SPYDER 3LS (PPG-TF 399)	5.0	4.3	5.0	6.7	8.7	5.7	5.9
VALIANT (PPG-TF 437)	5.0	4.3	5.3	5.7	9.0	6.0	5.9
DYNAMITE 2G-LS (PPG-TF 404)	4.7	4.7	5.0	6.7	9.0	5.0	5.8
NAI-2413	5.0	4.3	4.3	6.3	9.0	6.0	5.8
PPG-TF 435	4.7	4.7	5.3	5.7	9.0	5.7	5.8
PST-5CHWM	5.0	4.0	5.0	7.3	8.0	5.7	5.8
PST-5LOD	5.3	5.0	4.7	7.0	7.7	5.3	5.8
21GPS7	5.7	5.0	5.0	5.7	8.0	5.3	5.8
PPG-TF 503	5.0	4.3	5.3	6.0	8.3	5.7	5.8
PPG-TF 504	5.7	4.3	4.3	6.7	8.0	5.7	5.8
RAD-TF146	5.7	4.0	4.3	6.0	8.7	6.0	5.8
SMG-TF24	4.7	4.3	5.3	6.0	8.3	6.0	5.8
GO-SH19	4.7	4.3	5.7	5.7	7.7	6.3	5.7
PRIMO	4.7	4.7	4.0	8.0	7.3	5.7	5.7
PST-5LSM	5.0	4.3	5.0	7.0	7.7	5.3	5.7
22LGT2	4.7	4.7	4.7	5.3	9.0	6.0	5.7
23JWL	5.3	4.7	5.3	5.0	8.3	5.7	5.7
SETFT3	3.7	4.3	5.0	7.0	8.7	5.7	5.7
DLF-TF-3875	5.3	4.7	4.7	5.0	8.7	5.7	5.7
PADRE 2	4.7	4.3	4.7	6.3	8.7	5.3	5.7
SETF 409	5.3	4.3	5.0	5.3	7.7	6.3	5.7
PPG-TF 440	5.7	4.3	5.7	4.0	8.0	6.0	5.6
23HEG7	4.7	4.0	4.3	6.3	8.3	6.0	5.6
DLF-TF-3869	5.7	4.3	4.7	5.3	7.3	6.3	5.6
DLF-TF-3872	5.0	5.0	4.3	5.0	9.0	5.3	5.6
DLF-TF-3876	4.7	4.3	5.0	5.7	8.3	5.7	5.6
DLF-TF-3868	5.0	3.7	5.3	6.0	7.0	6.3	5.6
GO-TETF	5.0	4.7	4.0	5.3	8.3	6.0	5.6
REJUVENATE	5.3	4.3	4.3	6.0	8.0	5.3	5.6
DLF-TF-3874	4.7	4.3	4.7	5.7	7.7	6.0	5.5
KNOX	4.3	4.0	3.0	7.7	8.3	5.7	5.5

TABLE 21.
(CONT'D)

SEEDLING VIGOR OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	IN1	KS3	MN1	NJ1	NJ2	OR1	MEAN
NAI-BNTB	4.0	3.7	4.7	6.7	7.7	6.3	5.5
PPG-TF 507	5.3	4.7	4.0	6.3	7.3	5.3	5.5
PPG-TF 405	4.7	3.7	4.7	6.0	8.3	5.3	5.4
GO-BPTF-T	4.7	4.3	5.0	5.3	8.0	5.3	5.4
PST-5CHR	4.0	4.7	3.3	6.7	8.3	5.7	5.4
RAD-TF136	4.7	4.0	4.3	5.3	8.0	6.3	5.4
BULLSEYE LTZ	4.3	4.3	4.3	5.7	8.3	5.3	5.4
DLF-TF-3867	4.7	4.0	4.7	6.0	7.3	5.3	5.3
BAR FA 412	4.0	4.7	3.3	6.7	7.3	5.7	5.3
XANADU	4.7	4.7	3.7	6.7	7.0	5.0	5.3
24FE7105	4.3	4.0	4.3	5.7	6.7	6.0	5.2
REBEL XPEDITION	4.7	4.3	4.0	5.3	7.3	5.3	5.2
PPG-TF 477	4.7	4.3	4.3	5.7	5.7	5.0	4.9
PST-R5HD6	3.3	4.3	5.0	6.0	6.3	4.7	4.9
BONFIRE	3.0	4.3	3.0	5.0	5.7	4.7	4.3
LSD VALUE	1.3	0.9	1.7	1.8	1.5	1.2	0.6
C.V. (%)	15.1	12.4	20.4	17.2	11.4	12.6	15.0

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

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

TABLE 22. SPRING DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	CT1	KS1	KS3	NE1	TN1	MEAN
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	9.0	9.0	7.0	7.0	7.8
23JWL	7.0	8.7	8.7	7.0	7.3	7.7
VALKYRIE 2LS (PPG-TF 402)	6.7	8.3	9.0	7.0	7.3	7.7
PPG-TF 497	7.0	9.0	8.7	6.7	7.0	7.7
BAR FA 408	7.0	9.0	9.0	6.3	6.7	7.6
DLF-TF-3872	7.0	9.0	8.3	7.0	6.7	7.6
DRAGSTER	7.0	8.7	8.3	7.0	7.0	7.6
EL CAMINO	6.7	9.0	8.7	7.0	6.7	7.6
LTP-GTM	6.7	9.0	8.7	6.3	7.3	7.6
PADRE 2	7.0	9.0	9.0	7.0	6.0	7.6
TORINO	6.7	9.0	8.7	6.7	7.0	7.6
GRIDIRON	7.0	9.0	8.3	6.7	6.7	7.5
NAI-CEG2	6.7	9.0	8.7	6.7	6.7	7.5
PPG-TF 539	7.0	9.0	8.3	7.0	6.3	7.5
SETFT3	7.0	9.0	8.3	6.7	6.7	7.5
CAPITAN	7.0	8.7	8.0	7.3	6.7	7.5
PPG-TF 403	6.7	8.7	9.0	7.0	6.3	7.5
PPG-TF 498	7.0	8.7	8.7	6.7	6.7	7.5
PST-R5WG	6.7	9.0	9.0	6.3	6.7	7.5
21GPS7	7.0	9.0	8.0	6.7	6.7	7.5
BRAVO 2	7.0	9.0	8.3	6.7	6.3	7.5
DLF-TF-3869	7.0	8.7	8.7	6.7	6.3	7.5
DLF-TF-3875	7.0	8.7	8.3	6.7	6.7	7.5
PPG-TF 500	6.7	9.0	8.3	7.0	6.3	7.5
PPG-TF 507	7.0	9.0	8.3	6.3	6.7	7.5
SETF 409	7.0	8.7	7.7	6.7	7.3	7.5
SUPERSONIC 2GL (PPG-TF 493)	6.7	8.7	8.7	6.7	6.7	7.5
XANADU	7.0	9.0	8.3	6.0	7.0	7.5
DAYBREAK	6.7	9.0	8.3	6.3	7.0	7.5
LTP-SPP	7.3	9.0	8.3	6.3	6.3	7.5
SPYDER 3LS (PPG-TF 399)	7.0	8.7	8.0	6.7	7.0	7.5
ATF1832	6.3	8.7	8.7	7.0	6.3	7.4
BATTLE HAWK	6.7	9.0	9.0	6.3	6.0	7.4
DYNAMITE 2G-LS (PPG-TF 404)	7.0	9.0	8.0	6.7	6.3	7.4
GET 21	6.7	9.0	8.3	6.7	6.3	7.4
GO-SH19	6.7	9.0	8.7	6.0	6.7	7.4
PPG-TF 506	6.7	9.0	8.7	6.7	6.0	7.4
PPG-TF 540	6.3	8.7	8.3	7.0	6.7	7.4
PRO GOLD	7.0	8.3	8.3	6.7	6.7	7.4
ATLAS	6.7	9.0	8.3	6.7	6.0	7.3
BULLSEYE LTZ	7.0	9.0	8.0	6.7	6.0	7.3
DLF-TF-3873	6.7	9.0	8.0	6.0	7.0	7.3
GLX STAR	7.0	9.0	8.3	6.3	6.0	7.3
NAI-21GPS2	7.0	9.0	8.3	6.0	6.3	7.3
NAI-HEG9	7.0	9.0	8.3	6.3	6.0	7.3
PPG-TF 503	7.0	9.0	6.7	6.7	7.3	7.3

TABLE 22. SPRING DENSITY OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2025 DATA

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

NAME	CT1	KS1	KS3	NE1	TN1	MEAN
PPG-TF 541	6.7	9.0	7.7	7.0	6.3	7.3
RAPTOR 4LS (PPG-TF 433)	7.0	9.0	8.3	6.3	6.0	7.3
21CEG1	7.0	9.0	8.0	6.3	6.3	7.3
BY-GLS4	6.7	8.7	8.7	6.3	6.3	7.3
FIREHAWK SLT	6.3	9.0	8.3	7.0	6.0	7.3
NAI-SOTF	6.7	8.7	8.3	6.3	6.7	7.3
PST-5CHWM	7.0	9.0	8.7	5.7	6.3	7.3
PST-5DFD	7.0	8.7	8.7	6.0	6.3	7.3
SMG-TF24	7.0	9.0	7.7	6.3	6.7	7.3
TOP SHELF	7.0	8.7	8.7	6.7	5.7	7.3
BAR FA 412	6.3	8.7	8.3	6.3	6.7	7.3
DLF-TF-3844	7.0	9.0	7.7	6.3	6.3	7.3
ENDGAME	6.7	9.0	7.7	6.3	6.7	7.3
GO-TETF	7.0	8.7	7.7	6.7	6.3	7.3
NAI-GLW3	7.0	8.3	8.3	6.3	6.3	7.3
NAI-LGT1	7.0	8.7	7.3	6.7	6.7	7.3
PPG-TF 440	7.0	8.7	7.3	6.7	6.7	7.3
PPG-TF 475	7.0	9.0	7.7	6.7	6.0	7.3
PPG-TF 508	7.0	9.0	7.7	6.7	6.0	7.3
RAPTOR III	6.7	9.0	8.0	6.3	6.3	7.3
22LGT2	7.0	8.7	8.0	7.0	5.7	7.3
BGT2	7.0	8.7	9.0	7.0	4.7	7.3
DLF-TF-3880	6.7	8.7	8.3	6.7	6.0	7.3
PPG-TF 422	6.7	8.3	8.7	6.7	6.0	7.3
PST-5EBP	7.0	8.7	8.0	6.0	6.7	7.3
PVP-LOLA	6.7	9.0	8.3	6.3	6.0	7.3
RAD-TF147	7.0	8.7	9.0	6.7	5.0	7.3
BY-GLS1	6.7	8.3	8.3	6.3	6.3	7.2
DLF-TF-3868	7.0	8.7	7.3	6.7	6.3	7.2
DLF-TF-3870	7.0	8.7	7.7	6.3	6.3	7.2
DLF-TF-3874	7.0	8.3	8.0	6.7	6.0	7.2
DLF-TF-3877	6.0	9.0	8.0	6.3	6.7	7.2
PPG-TF 435	6.3	9.0	8.0	7.0	5.7	7.2
PPG-TF 477	6.7	8.7	7.3	7.0	6.3	7.2
PPG-TF 499	6.3	9.0	8.3	6.7	5.7	7.2
PPG-TF 505	7.0	9.0	7.7	6.3	6.0	7.2
PST-5CHW2	6.7	9.0	7.7	6.0	6.7	7.2
PST-5LOD	6.7	9.0	8.7	6.0	5.7	7.2
REBEL XPEDITION	7.0	8.7	7.7	6.3	6.3	7.2
23HEG7	6.7	9.0	8.0	6.7	5.3	7.1
PPG-TF 427	6.3	9.0	7.7	6.7	6.0	7.1
PPG-TF 504	7.0	9.0	8.3	6.0	5.3	7.1
RAD-TF134	7.0	9.0	8.3	5.7	5.7	7.1
VALIANT (PPG-TF 437)	6.7	9.0	7.7	6.3	6.0	7.1
DLF-TF-3867	7.0	8.7	7.7	6.7	5.7	7.1
PPG-TF 405	6.7	9.0	7.7	7.0	5.0	7.1
DLF-TF-3876	6.7	8.7	7.3	6.7	6.0	7.1

TABLE 22. SPRING DENSITY OF TALL FESCUE CULTIVARS 1/
(CONT'D) 2025 DATA

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

NAME	CT1	KS1	KS3	NE1	TN1	MEAN
NAI-2413	6.7	8.7	8.0	6.0	6.0	7.1
PST-R5HD6	7.0	8.7	8.0	6.0	5.7	7.1
REJUVENATE	6.7	8.7	8.3	6.0	5.7	7.1
KNOX	6.7	8.7	7.7	6.0	6.0	7.0
PRIMO	6.7	8.7	8.0	6.0	5.7	7.0
PST-5CHR	6.3	8.7	7.7	6.0	6.3	7.0
RAD-TF146	6.3	8.7	7.7	7.0	5.3	7.0
EASY GREEN	6.7	9.0	7.7	6.0	5.3	6.9
BONFIRE	6.7	8.7	8.0	6.0	5.3	6.9
GO-BPTF-T	7.0	8.3	7.7	6.3	5.3	6.9
NAI-BNTB	6.7	8.7	7.0	6.3	6.0	6.9
PST-5LSM	6.3	9.0	7.7	6.3	5.3	6.9
24FE7105	6.7	8.7	7.0	6.0	6.0	6.9
RAD-TF136	6.7	8.7	7.0	6.3	5.3	6.8
KY-31	7.0	7.0	7.7	6.0	6.0	6.7
LSD VALUE	0.7	0.6	1.6	1.0	1.4	0.5
C.V. (%)	6.1	4.4	12.3	9.1	14.4	9.6

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

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

TABLE 23.

SUMMER DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	KS1	NC1	MEAN
23HEG7	9.0	6.7	7.8
23JWL	9.0	6.7	7.8
DLF-TF-3880	9.0	6.7	7.8
NAI-21GPS2	9.0	6.7	7.8
SETF 409	9.0	6.7	7.8
DLF-TF-3867	9.0	6.3	7.7
GET 21	9.0	6.3	7.7
LTP-GTM	9.0	6.3	7.7
PPG-TF 435	9.0	6.3	7.7
PPG-TF 505	8.7	6.7	7.7
PPG-TF 540	9.0	6.3	7.7
21CEG1	9.0	6.0	7.5
ATLAS	9.0	6.0	7.5
DLF-TF-3877	9.0	6.0	7.5
EASY GREEN	8.7	6.3	7.5
NAI-CEG2	9.0	6.0	7.5
PPG-TF 403	9.0	6.0	7.5
PPG-TF 427	9.0	6.0	7.5
PRIMO	9.0	6.0	7.5
TORINO	9.0	6.0	7.5
DLF-TF-3869	9.0	5.7	7.3
EL CAMINO	9.0	5.7	7.3
PADRE 2	9.0	5.7	7.3
PPG-TF 475	9.0	5.7	7.3
PPG-TF 477	9.0	5.7	7.3
PPG-TF 498	9.0	5.7	7.3
PPG-TF 499	9.0	5.7	7.3
VALIANT (PPG-TF 437)	9.0	5.7	7.3
ENDGAME	8.7	6.0	7.3
GO-SH19	8.7	6.0	7.3
PPG-TF 500	8.7	6.0	7.3
PPG-TF 503	8.7	6.0	7.3
RAD-TF147	8.7	6.0	7.3
TOP SHELF	8.7	6.0	7.3
PST-5CHR	8.3	6.0	7.2
BAR FA 408	8.7	5.7	7.2
BGT2	9.0	5.3	7.2
BULLSEYE LTZ	9.0	5.3	7.2
CAPITAN	8.7	5.7	7.2
DLF-TF-3844	9.0	5.3	7.2
DLF-TF-3870	9.0	5.3	7.2
DLF-TF-3876	9.0	5.3	7.2
DRAGSTER	9.0	5.3	7.2
FIRECRACKER 2G-LS (PPG-TF 538)	9.0	5.3	7.2
FIREHAWK SLT	9.0	5.3	7.2
GLX STAR	9.0	5.3	7.2

TABLE 23.
(CONT'D)

SUMMER DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	KS1	NC1	MEAN
NAI-LGT1	9.0	5.3	7.2
PPG-TF 422	9.0	5.3	7.2
PPG-TF 506	8.7	5.7	7.2
PPG-TF 507	9.0	5.3	7.2
PST-5CHW2	9.0	5.3	7.2
RAPTOR 4LS (PPG-TF 433)	8.7	5.7	7.2
RAPTOR III	9.0	5.3	7.2
SETFT3	8.7	5.7	7.2
VALKYRIE 2LS (PPG-TF 402)	9.0	5.3	7.2
21GPS7	8.7	5.3	7.0
BATTLE HAWK	9.0	5.0	7.0
DAYBREAK	9.0	5.0	7.0
DLF-TF-3868	9.0	5.0	7.0
DLF-TF-3872	9.0	5.0	7.0
DLF-TF-3874	9.0	5.0	7.0
GO-BPTF-T	9.0	5.0	7.0
GO-TETF	9.0	5.0	7.0
GRIDIRON	9.0	5.0	7.0
NAI-2413	8.7	5.3	7.0
NAI-SOTF	8.7	5.3	7.0
PPG-TF 541	9.0	5.0	7.0
PRO GOLD	9.0	5.0	7.0
PST-5CHWM	9.0	5.0	7.0
PST-5EBP	9.0	5.0	7.0
PVP-LOLA	9.0	5.0	7.0
RAD-TF134	9.0	5.0	7.0
SPYDER 3LS (PPG-TF 399)	9.0	5.0	7.0
BAR FA 412	9.0	4.7	6.8
BY-GLS1	9.0	4.7	6.8
DLF-TF-3875	9.0	4.7	6.8
LTP-SPP	9.0	4.7	6.8
NAI-BNTB	9.0	4.7	6.8
NAI-GLW3	9.0	4.7	6.8
RAD-TF136	8.3	5.3	6.8
REBEL XPEDITION	8.3	5.3	6.8
DLF-TF-3873	8.7	5.0	6.8
NAI-HEG9	8.7	5.0	6.8
PPG-TF 405	8.7	5.0	6.8
PST-5DFD	8.7	5.0	6.8
PST-5LOD	8.7	5.0	6.8
BRAVO 2	8.3	5.0	6.7
22LGT2	8.7	4.7	6.7
KNOX	8.0	5.3	6.7
PPG-TF 440	9.0	4.3	6.7
PPG-TF 497	9.0	4.3	6.7
PPG-TF 504	8.7	4.7	6.7
PPG-TF 508	9.0	4.3	6.7

TABLE 23.
(CONT'D)

SUMMER DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	KS1	NC1	MEAN
PPG-TF 539	9.0	4.3	6.7
PST-5LSM	9.0	4.3	6.7
PST-R5WG	9.0	4.3	6.7
RAD-TF146	9.0	4.3	6.7
BONFIRE	8.7	4.3	6.5
DYNAMITE 2G-LS (PPG-TF 404)	8.7	4.3	6.5
PST-R5HD6	9.0	4.0	6.5
SMG-TF24	9.0	4.0	6.5
SUPERSONIC 2GL (PPG-TF 493)	9.0	4.0	6.5
XANADU	8.7	4.3	6.5
KY-31	7.0	5.7	6.3
24FE7105	9.0	3.7	6.3
ATF1832	8.7	4.0	6.3
BY-GLS4	9.0	3.7	6.3
REJUVENATE	8.3	3.0	5.7
LSD VALUE	0.5	2.5	1.3
C.V. (%)	3.5	29.7	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 24.

FALL DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	IN1	KS1	KS3	MD1	MN1	MS1	NC1	NE1	TN1	VA1	MEAN
DLF-TF-3869	6.7	9.0	7.7	7.3	8.0	4.3	7.7	7.0	4.3	7.0	6.9
PPG-TF 435	6.7	9.0	7.3	7.7	7.7	4.7	7.7	7.0	4.3	7.0	6.9
DLF-TF-3867	6.7	9.0	7.3	8.0	7.0	4.7	8.0	7.0	3.7	7.3	6.9
PPG-TF 539	7.3	9.0	7.3	8.0	7.3	3.3	6.7	6.7	5.0	7.7	6.8
23HEG7	6.3	9.0	7.0	8.0	8.0	3.7	8.3	7.0	3.7	7.0	6.8
NAI-21GPS2	6.3	8.7	7.3	7.7	6.7	3.3	8.0	6.7	6.3	7.0	6.8
NAI-LGT1	7.0	9.0	7.3	7.0	6.7	4.3	7.0	7.0	5.0	7.7	6.8
PPG-TF 498	6.3	9.0	7.7	8.0	6.7	3.0	6.7	7.0	6.7	7.0	6.8
PPG-TF 505	7.3	9.0	7.3	7.7	7.3	3.3	7.7	6.7	4.7	7.0	6.8
PPG-TF 507	7.3	9.0	7.0	8.0	6.3	3.3	7.0	7.0	5.7	7.3	6.8
PPG-TF 427	7.3	9.0	7.0	8.0	7.3	3.0	7.7	7.0	4.3	7.0	6.8
FIRECRACKER 2G-LS (PPG-TF 538)	6.7	9.0	7.7	7.0	7.3	3.7	7.3	7.0	4.7	7.0	6.7
PPG-TF 475	6.7	8.7	7.3	8.0	7.0	4.3	7.3	7.0	4.3	6.7	6.7
BULLSEYE LTZ	6.0	9.0	7.3	8.0	6.7	4.3	8.0	6.7	5.0	6.3	6.7
PPG-TF 497	6.3	9.0	7.7	8.0	7.7	3.3	6.3	7.0	4.7	7.3	6.7
PPG-TF 506	6.7	9.0	7.7	8.0	5.7	3.7	6.3	7.0	5.7	7.7	6.7
PPG-TF 508	7.0	9.0	7.3	8.0	7.3	3.7	6.3	7.0	4.7	7.0	6.7
RAPTOR 4LS (PPG-TF 433)	7.7	9.0	7.7	7.7	6.3	3.0	7.7	6.7	4.0	7.3	6.7
PPG-TF 499	5.7	9.0	7.7	7.7	6.7	3.3	7.3	6.3	6.0	7.0	6.7
TORINO	6.7	9.0	7.7	7.7	6.3	3.7	6.3	7.0	5.3	7.0	6.7
PPG-TF 405	7.3	9.0	7.3	7.7	7.0	3.3	6.7	7.0	4.0	7.3	6.7
PPG-TF 541	6.7	9.0	7.3	7.3	7.0	4.0	6.3	7.0	5.0	7.0	6.7
23JWL	7.3	9.0	7.7	7.7	6.0	3.7	7.7	7.0	3.3	7.0	6.6
DLF-TF-3877	6.7	9.0	7.3	7.7	6.7	2.7	7.3	7.0	5.3	6.7	6.6
PPG-TF 500	6.7	9.0	7.3	7.7	6.3	3.0	7.0	6.7	5.7	7.0	6.6
21CEG1	6.3	8.7	7.0	8.0	5.3	4.0	6.7	7.0	5.7	7.3	6.6
PPG-TF 504	7.0	9.0	7.7	7.7	6.7	3.7	5.7	6.7	5.3	6.7	6.6
PVP-LOLA	6.3	9.0	7.0	8.0	6.3	3.0	7.0	6.3	6.0	7.0	6.6
PPG-TF 422	6.7	9.0	7.0	8.0	6.0	3.7	7.3	7.0	3.7	7.3	6.6
21GPS7	6.0	8.7	7.0	8.0	6.7	4.3	6.3	6.7	5.0	7.0	6.6
VALKYRIE 2LS (PPG-TF 402)	7.0	9.0	7.0	8.0	6.7	3.0	6.7	7.0	4.0	7.3	6.6
NAI-CEG2	5.7	8.7	7.3	7.3	6.0	3.3	7.7	7.0	5.3	7.0	6.5
BGT2	6.7	8.7	7.0	8.0	7.3	3.0	6.7	6.7	4.3	7.0	6.5
BY-GLS1	6.7	9.0	7.3	7.3	6.0	4.0	7.0	6.3	4.7	7.0	6.5
GET 21	6.3	9.0	7.3	7.7	6.0	2.7	8.0	6.7	4.7	7.0	6.5
DLF-TF-3868	6.0	9.0	7.7	7.3	6.3	3.7	7.3	6.7	4.3	6.7	6.5
DLF-TF-3870	6.7	9.0	7.3	7.3	7.0	3.0	6.3	6.7	4.3	7.3	6.5
LTP-SPP	6.3	9.0	7.3	7.7	7.3	4.0	6.3	7.0	3.0	7.0	6.5
PPG-TF 403	6.0	8.7	7.3	8.0	5.7	3.3	7.3	6.7	5.3	6.7	6.5
PPG-TF 477	7.7	9.0	7.0	7.3	7.0	3.3	7.3	6.7	2.7	7.0	6.5
PPG-TF 503	6.3	9.0	7.0	7.7	6.3	2.7	7.7	7.0	4.3	7.0	6.5
VALIANT (PPG-TF 437)	6.7	9.0	7.3	7.3	6.7	2.7	7.0	6.7	4.7	7.0	6.5
PPG-TF 540	5.7	8.7	7.7	7.7	7.0	3.3	7.3	7.0	3.7	6.7	6.5
PPG-TF 440	7.0	9.0	7.3	8.0	6.0	2.7	6.0	7.0	4.7	7.0	6.5
SPYDER 3LS (PPG-TF 399)	6.0	8.7	7.3	8.0	7.0	3.7	6.0	7.0	3.7	7.3	6.5
DYNAMITE 2G-LS (PPG-TF 404)	6.7	9.0	7.0	7.7	6.7	3.0	6.3	6.7	4.7	6.7	6.4

TABLE 24.
(CONT'D)

FALL DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	IN1	KS1	KS3	MD1	MN1	MS1	NC1	NE1	TN1	VA1	MEAN
SETF 409	6.7	9.0	7.0	7.3	4.7	3.3	7.0	7.0	5.3	6.3	6.4
BY-GLS4	6.7	9.0	7.3	7.7	5.0	3.0	6.0	6.7	5.7	6.7	6.4
NAI-GLW3	6.0	9.0	7.0	8.0	7.0	2.7	6.3	6.7	4.0	7.0	6.4
PST-5CHW2	5.7	9.0	7.0	7.7	6.0	3.0	7.7	6.7	4.7	6.3	6.4
LTP-GTM	6.3	9.0	7.3	7.0	6.0	3.0	8.0	6.7	3.7	6.7	6.4
EL CAMINO	6.0	9.0	7.3	7.0	6.3	3.3	7.3	7.0	3.7	6.3	6.3
22LGT2	6.0	8.7	7.7	7.0	6.3	3.7	5.0	7.3	5.0	6.7	6.3
NAI-HEG9	5.7	8.7	7.3	7.7	4.3	4.7	7.3	6.7	4.0	7.0	6.3
DLF-TF-3880	5.3	8.7	6.7	7.7	5.0	3.3	6.7	7.0	5.3	7.0	6.3
DRAGSTER	5.7	8.7	7.0	7.0	6.0	3.7	6.0	7.0	5.0	6.7	6.3
DLF-TF-3876	5.7	8.7	7.3	7.0	5.7	3.0	7.0	6.7	4.3	7.0	6.2
DLF-TF-3874	6.0	8.3	7.0	7.0	5.0	3.3	7.3	6.3	4.7	6.7	6.2
ENDGAME	6.3	8.7	7.3	7.3	6.0	2.7	5.7	7.0	4.0	6.7	6.2
FIREHAWK SLT	6.0	9.0	7.0	7.3	6.7	3.0	6.3	6.7	2.7	7.0	6.2
GRIDIRON	6.3	8.7	7.0	7.3	6.3	3.0	5.7	7.0	3.3	7.0	6.2
NAI-BNTB	5.7	8.7	7.0	7.3	6.3	3.0	6.0	6.7	4.3	6.3	6.1
PST-5LOD	6.0	8.3	7.0	7.0	5.0	4.3	6.7	6.3	4.0	6.7	6.1
PST-R5WG	5.3	8.7	7.3	7.0	5.7	4.3	6.7	6.3	2.7	7.3	6.1
SUPERSONIC 2GL (PPG-TF 493)	6.0	8.7	7.3	7.7	6.0	3.3	5.0	7.0	3.7	6.7	6.1
RAD-TF134	5.7	8.7	6.7	6.7	5.3	3.3	7.0	6.7	4.7	6.7	6.1
DAYBREAK	6.3	9.0	6.7	7.3	6.7	3.3	5.3	6.7	3.0	6.7	6.1
DLF-TF-3844	6.3	9.0	7.0	7.0	5.3	2.0	6.7	6.7	4.7	6.3	6.1
GO-SH19	6.3	9.0	7.0	6.7	5.0	3.0	7.0	6.7	3.7	6.7	6.1
NAI-2413	5.7	8.7	7.0	7.0	5.0	3.7	6.3	6.7	4.0	7.0	6.1
BRAVO 2	5.0	8.7	7.0	6.0	6.3	3.3	6.3	7.0	4.3	6.7	6.1
DLF-TF-3872	6.0	9.0	7.3	7.3	6.7	2.3	5.0	7.0	3.3	6.7	6.1
GO-BPTF-T	5.3	8.7	6.7	7.7	6.7	2.3	6.0	6.7	4.7	6.0	6.1
CAPITAN	5.7	8.7	7.7	7.0	5.7	3.0	6.0	6.7	3.0	7.0	6.0
DLF-TF-3875	5.7	9.0	7.0	7.3	6.3	2.7	6.3	6.7	3.3	6.0	6.0
NAI-SOTF	5.0	8.3	7.3	6.7	5.0	3.7	6.0	6.7	5.3	6.3	6.0
PADRE 2	5.7	9.0	7.0	7.0	6.3	3.3	5.7	6.3	3.3	6.7	6.0
PST-5EBP	4.7	9.0	7.0	6.7	5.0	4.0	6.7	6.3	4.0	7.0	6.0
RAPTOR III	5.3	8.7	7.0	6.3	6.7	2.7	6.3	6.3	4.3	6.7	6.0
GO-TETF	5.3	9.0	6.7	7.0	5.7	2.3	6.0	6.7	4.7	6.7	6.0
PST-5CHWM	5.0	8.7	7.3	7.0	4.3	3.0	7.0	6.7	3.7	7.0	6.0
SETFT3	5.0	8.7	7.0	7.0	5.0	3.7	6.0	6.3	4.3	6.3	5.9
XANADU	5.3	9.0	7.3	7.3	5.7	2.0	5.0	7.0	3.3	7.0	5.9
SMG-TF24	5.0	8.7	6.7	6.7	5.3	3.3	5.7	6.3	4.3	6.7	5.9
GLX STAR	5.3	8.3	7.3	6.7	4.7	3.0	5.7	6.0	4.7	7.0	5.9
PST-5LSM	5.7	8.7	6.7	6.7	5.7	2.7	4.7	6.7	4.7	6.7	5.9
ATLAS	5.0	7.7	7.0	6.7	5.3	3.3	6.0	6.3	4.0	7.0	5.8
DLF-TF-3873	6.3	8.3	6.7	7.0	6.0	2.3	6.0	6.3	3.3	6.0	5.8
BAR FA 412	5.0	8.3	6.7	6.0	4.3	4.3	5.3	6.7	5.0	6.3	5.8
TOP SHELF	4.3	7.7	6.7	7.3	6.0	4.0	6.0	7.0	3.0	6.0	5.8
KNOX	4.7	8.0	7.3	7.0	5.7	3.0	5.3	6.3	3.3	7.0	5.8
BATTLE HAWK	5.3	9.0	6.7	6.7	5.7	2.7	5.3	7.0	2.7	6.3	5.7
PRO GOLD	5.0	8.3	6.7	6.0	5.0	3.3	5.3	7.0	4.0	6.3	5.7

TABLE 24.
(CONT'D)

FALL DENSITY OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	IN1	KS1	KS3	MD1	MN1	MS1	NC1	NE1	TN1	VA1	MEAN
RAD-TF136	4.7	8.7	6.3	7.0	6.0	3.3	5.3	6.3	3.0	6.3	5.7
PST-5DFD	5.7	8.7	6.7	7.0	4.3	2.3	5.7	6.7	3.3	6.7	5.7
BONFIRE	5.0	9.0	6.7	7.0	4.7	2.7	4.7	6.7	3.7	6.7	5.7
PST-R5HD6	5.0	8.3	7.0	6.3	4.3	3.3	4.7	6.3	3.7	6.7	5.6
BAR FA 408	4.3	8.3	6.3	6.7	4.7	3.0	5.0	6.0	4.3	6.7	5.5
EASY GREEN	4.3	8.0	6.7	5.7	4.3	3.3	6.7	6.3	3.7	5.7	5.5
PST-5CHR	4.7	8.7	6.7	6.3	3.3	3.3	5.7	6.3	2.7	7.0	5.5
RAD-TF147	4.7	8.3	6.7	6.3	5.0	2.7	6.0	6.3	2.7	5.7	5.4
RAD-TF146	4.7	8.0	6.3	5.7	4.0	3.3	5.3	6.0	3.0	6.3	5.3
PRIMO	4.0	7.3	6.0	6.0	4.7	3.3	6.0	6.0	2.7	6.7	5.3
REJUVENATE	4.0	7.7	6.3	5.3	6.0	3.3	4.3	6.3	3.3	5.3	5.2
ATF1832	4.3	7.7	6.7	6.0	3.7	3.0	4.3	6.3	3.7	6.0	5.2
24FE7105	4.3	8.0	7.0	4.3	5.7	2.0	3.3	6.7	2.3	6.3	5.0
REBEL XPEDITION	4.0	8.0	6.0	5.0	2.3	2.7	5.3	6.0	2.0	5.7	4.7
KY-31	3.0	6.7	5.0	4.7	1.7	3.0	4.0	5.7	2.3	5.0	4.1
LSD VALUE	1.1	0.7	0.9	0.8	1.6	1.6	2.2	0.7	1.9	0.9	0.4
C.V. (%)	11.1	4.9	7.6	7.3	16.9	30.5	21.1	6.7	28.1	8.6	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 25.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MN1	NC1	OK1	TN1	VA1	MEAN
KY-31	87.0	75.0	98.7	76.7	86.7	84.8
PPG-TF 503	82.0	81.7	95.3	85.0	76.7	84.1
ENDGAME	83.0	78.3	97.3	80.0	73.3	82.4
NAI-21GPS2	78.3	82.3	95.3	70.0	73.3	79.9
FIRECRACKER 2G-LS (PPG-TF 538)	60.3	72.3	97.7	78.3	86.7	79.1
GET 21	66.0	80.0	96.7	78.3	73.3	78.9
EL CAMINO	61.3	75.0	97.3	76.7	83.3	78.7
LTP-GTM	54.3	84.0	98.0	73.3	83.3	78.6
23JWL	59.3	83.3	97.0	78.3	73.3	78.3
PPG-TF 497	70.3	68.3	97.0	78.3	76.7	78.1
PPG-TF 541	67.0	71.7	96.7	75.0	80.0	78.1
BY-GLS1	76.7	73.3	96.7	66.7	76.7	78.0
GO-SH19	61.0	83.3	95.3	83.3	66.7	77.9
LTP-SPP	72.0	66.7	94.0	80.0	76.7	77.9
PADRE 2	65.0	85.0	96.0	73.3	70.0	77.9
PRIMO	70.7	85.0	96.7	60.0	76.7	77.8
PST-5CHR	68.7	71.7	93.7	78.3	76.7	77.8
DLF-TF-3867	69.7	85.7	96.3	66.7	70.0	77.7
FIREHAWK SLT	65.7	78.3	96.0	68.3	80.0	77.7
DAYBREAK	71.3	68.3	96.7	78.3	73.3	77.6
DLF-TF-3870	70.3	66.7	96.0	75.0	80.0	77.6
PPG-TF 540	63.7	80.0	95.7	78.3	70.0	77.5
PST-5EBP	53.7	80.0	97.3	83.3	73.3	77.5
TORINO	72.3	71.3	97.0	76.7	70.0	77.5
21CEG1	54.7	84.7	97.7	73.3	76.7	77.4
BRAVO 2	69.3	63.3	96.3	76.7	80.0	77.1
DRAGSTER	62.0	74.0	98.0	78.3	73.3	77.1
VALKYRIE 2LS (PPG-TF 402)	69.3	71.3	96.0	81.7	66.7	77.0
DLF-TF-3869	62.7	85.0	97.0	63.3	76.7	76.9
BAR FA 408	70.0	71.7	95.0	80.0	66.7	76.7
PST-R5WG	68.3	73.3	96.7	75.0	70.0	76.7
ATLAS	77.0	73.3	97.7	61.7	73.3	76.6
NAI-HEG9	62.3	78.0	97.7	68.3	76.7	76.6
DLF-TF-3874	71.7	71.7	95.3	66.7	76.7	76.4
PPG-TF 500	69.7	75.0	97.0	73.3	66.7	76.3
GRIDIRON	57.3	68.3	95.3	83.3	76.7	76.2
PVP-LOLA	70.7	65.0	95.0	76.7	73.3	76.1
PPG-TF 435	76.3	81.7	95.7	63.3	63.3	76.1
PPG-TF 508	75.3	70.0	94.7	70.0	70.0	76.0
RAPTOR III	68.3	73.3	96.7	68.3	73.3	76.0
DLF-TF-3872	72.3	65.0	95.3	76.7	70.0	75.9
PPG-TF 507	67.0	76.7	97.0	65.0	73.3	75.8
NAI-2413	73.0	75.7	97.7	65.0	66.7	75.6
DLF-TF-3844	61.0	73.3	97.7	71.7	73.3	75.4
PPG-TF 427	65.3	75.0	96.3	70.0	70.0	75.3
TOP SHELF	58.0	83.3	97.0	65.0	73.3	75.3
SETFT3	59.3	74.0	96.0	73.3	73.3	75.2

TABLE 25.
(CONT'D)PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MN1	NC1	OK1	TN1	VA1	MEAN
21GPS7	61.3	66.7	96.0	75.0	76.7	75.1
23HEG7	63.3	76.7	97.3	61.7	76.7	75.1
DLF-TF-3873	70.7	65.0	95.0	78.3	66.7	75.1
DLF-TF-3877	65.3	78.3	97.0	71.7	63.3	75.1
NAI-LGT1	67.7	70.0	95.7	68.3	73.3	75.0
NAI-BNTB	76.7	70.0	93.0	68.3	66.7	74.9
PRO GOLD	72.0	71.7	95.3	68.3	66.7	74.8
DLF-TF-3880	54.0	81.7	98.0	66.7	73.3	74.7
GO-TETF	63.0	71.7	94.0	71.7	73.3	74.7
NAI-GLW3	70.7	63.3	96.3	73.3	70.0	74.7
24FE7105	65.0	71.7	98.0	71.7	66.7	74.6
GLX STAR	55.7	76.7	97.0	66.7	76.7	74.5
DLF-TF-3875	54.0	78.3	96.7	73.3	70.0	74.5
SETF 409	57.7	74.0	97.3	73.3	70.0	74.5
CAPITAN	57.7	71.7	94.3	75.0	73.3	74.4
BATTLE HAWK	55.3	73.3	96.3	76.7	70.0	74.3
DLF-TF-3868	57.0	70.0	96.0	78.3	70.0	74.3
EASY GREEN	68.3	75.0	96.0	58.3	73.3	74.2
DLF-TF-3876	77.3	61.7	96.7	71.7	63.3	74.1
NAI-CEG2	50.3	80.0	96.7	73.3	70.0	74.1
PPG-TF 422	68.7	71.7	98.3	58.3	73.3	74.1
SPYDER 3LS (PPG-TF 399)	60.0	70.0	95.7	76.7	66.7	73.8
VALIANT (PPG-TF 437)	53.7	71.7	96.3	70.0	76.7	73.7
PPG-TF 477	56.0	75.0	93.7	73.3	70.0	73.6
PPG-TF 475	61.3	75.0	94.7	66.7	70.0	73.5
PPG-TF 539	56.0	61.7	98.0	75.0	76.7	73.5
PST-5CHWM	53.7	71.7	95.3	66.7	80.0	73.5
PPG-TF 506	71.0	61.7	97.3	66.7	70.0	73.3
RAPTOR 4LS (PPG-TF 433)	62.7	73.3	95.7	68.3	66.7	73.3
RAD-TF146	64.7	71.7	96.7	63.3	70.0	73.3
BY-GLS4	58.7	65.0	97.0	75.0	70.0	73.1
BULLSEYE LTZ	65.3	71.7	96.3	60.0	70.0	72.7
PPG-TF 505	59.7	73.3	97.0	63.3	70.0	72.7
PPG-TF 504	59.3	65.0	97.0	65.0	76.7	72.6
NAI-SOTF	54.3	80.0	96.3	68.3	63.3	72.5
RAD-TF134	60.0	68.3	95.7	71.7	66.7	72.5
BAR FA 412	70.3	66.7	94.7	73.3	56.7	72.3
DYNAMITE 2G-LS (PPG-TF 404)	63.0	66.7	95.3	66.7	70.0	72.3
REBEL XPEDITION	66.0	65.0	94.0	73.3	63.3	72.3
PPG-TF 440	50.7	76.7	95.3	75.0	63.3	72.2
PST-5DFD	54.3	68.3	94.7	70.0	73.3	72.1
PPG-TF 403	57.7	73.3	97.3	68.3	63.3	72.0
PPG-TF 498	54.0	68.3	97.3	66.7	73.3	71.9
22LGT2	63.0	66.7	94.7	65.0	70.0	71.9
PPG-TF 405	68.3	66.7	97.7	60.0	66.7	71.9
PST-5LSM	63.3	61.7	97.0	70.0	66.7	71.7
PPG-TF 499	57.0	70.0	96.0	61.7	73.3	71.6

TABLE 25.
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MN1	NC1	OK1	TN1	VA1	MEAN
BGT2	54.3	75.0	96.7	56.7	73.3	71.2
REJUVENATE	59.3	63.3	96.3	66.7	70.0	71.1
GO-BPTF-T	69.0	68.3	93.3	65.0	60.0	71.1
KNOX	61.0	63.3	96.0	68.3	66.7	71.1
PST-5LOD	58.0	66.7	94.3	61.7	73.3	70.8
ATF1832	49.7	58.3	97.3	71.7	76.7	70.7
BONFIRE	71.0	65.0	96.3	60.0	60.0	70.5
RAD-TF147	41.0	80.0	96.0	63.3	70.0	70.1
SMG-TF24	55.3	61.7	95.7	71.7	63.3	69.5
SUPERSONIC 2GL (PPG-TF 493)	48.7	60.0	95.0	73.3	70.0	69.4
PST-5CHW2	32.0	73.3	94.7	78.3	63.3	68.3
XANADU	56.3	68.3	96.7	70.0	50.0	68.3
PST-R5HD6	51.3	56.7	93.3	66.7	60.0	65.6
RAD-TF136	44.0	60.0	93.7	63.3	60.0	64.2
LSD VALUE	21.1	23.8	3.3	17.2	13.2	7.7
C.V. (%)	20.7	20.5	2.1	15.1	11.5	14.4

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

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

TABLE 26.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MN1	TN1	MEAN
PPG-TF 500	92.3	76.7	84.5
VALKYRIE 2LS (PPG-TF 402)	92.0	76.7	84.3
NAI-HEG9	89.7	78.3	84.0
NAI-21GPS2	87.0	80.0	83.5
NAI-BNTB	91.3	71.7	81.5
PPG-TF 427	90.0	71.7	80.8
PPG-TF 498	90.7	70.0	80.3
PPG-TF 541	89.0	71.7	80.3
DYNAMITE 2G-LS (PPG-TF 404)	92.0	68.3	80.2
NAI-GLW3	91.7	68.3	80.0
PPG-TF 505	91.7	68.3	80.0
PPG-TF 499	89.3	70.0	79.7
PPG-TF 504	89.0	70.0	79.5
DLF-TF-3867	92.0	66.7	79.3
23JWL	88.3	70.0	79.2
NAI-LGT1	88.3	70.0	79.2
PPG-TF 403	89.3	68.3	78.8
PST-5CHWM	89.3	68.3	78.8
21CEG1	92.3	65.0	78.7
GET 21	92.0	65.0	78.5
SETF 409	88.7	68.3	78.5
TORINO	90.3	66.7	78.5
PPG-TF 507	88.0	68.3	78.2
22LGT2	91.0	65.0	78.0
DRAGSTER	87.7	68.3	78.0
BULLSEYE LTZ	85.7	70.0	77.8
PPG-TF 508	90.7	65.0	77.8
SMG-TF24	92.3	63.3	77.8
23HEG7	90.3	65.0	77.7
NAI-2413	90.0	65.0	77.5
SPYDER 3LS (PPG-TF 399)	90.0	65.0	77.5
PPG-TF 503	89.3	65.0	77.2
PPG-TF 475	87.3	66.7	77.0
BY-GLS1	90.3	63.3	76.8
DLF-TF-3876	90.3	63.3	76.8
LTP-SPP	92.0	61.7	76.8
PPG-TF 440	90.0	63.3	76.7
PPG-TF 506	90.0	63.3	76.7
BATTLE HAWK	88.0	65.0	76.5
PPG-TF 435	89.7	63.3	76.5
NAI-SOTF	89.0	63.3	76.2
PST-5CHW2	87.3	65.0	76.2
BY-GLS4	89.3	61.7	75.5
PPG-TF 540	87.7	63.3	75.5
FIRECRACKER 2G-LS (PPG-TF 538)	90.7	60.0	75.3
VALIANT (PPG-TF 437)	90.7	60.0	75.3
BONFIRE	88.3	61.7	75.0

TABLE 26.
(CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/			
NAME	MN1	TN1	MEAN
DLF-TF-3868	91.7	58.3	75.0
21GPS7	89.7	60.0	74.8
PPG-TF 405	89.7	60.0	74.8
DLF-TF-3874	87.3	61.7	74.5
PST-R5HD6	89.0	60.0	74.5
RAPTOR 4LS (PPG-TF 433)	90.3	58.3	74.3
PADRE 2	90.0	58.3	74.2
GLX STAR	88.0	60.0	74.0
PPG-TF 539	91.3	56.7	74.0
DLF-TF-3844	88.7	58.3	73.5
XANADU	85.7	60.0	72.8
DLF-TF-3870	89.0	56.7	72.8
SUPERSONIC 2GL (PPG-TF 493)	89.0	56.7	72.8
NAI-CEG2	90.3	55.0	72.7
DLF-TF-3875	88.0	56.7	72.3
LTP-GTM	89.0	55.0	72.0
PST-5LSM	90.0	53.3	71.7
PST-5LOD	88.3	55.0	71.7
PPG-TF 497	91.3	51.7	71.5
BGT2	90.7	51.7	71.2
DLF-TF-3869	88.7	53.3	71.0
PST-5EBP	88.7	53.3	71.0
PPG-TF 477	90.0	51.7	70.8
PST-5DFD	85.0	56.7	70.8
BRAVO 2	86.0	55.0	70.5
ATLAS	86.7	53.3	70.0
DLF-TF-3873	88.3	51.7	70.0
ENDGAME	90.0	50.0	70.0
PPG-TF 422	88.3	51.7	70.0
PRIMO	85.0	55.0	70.0
EL CAMINO	89.7	50.0	69.8
REJUVENATE	84.7	55.0	69.8
GO-BPTF-T	84.0	55.0	69.5
PRO GOLD	89.0	50.0	69.5
DLF-TF-3877	90.3	48.3	69.3
DLF-TF-3880	87.0	51.7	69.3
PVP-LOLA	90.3	48.3	69.3
RAPTOR III	90.3	46.7	68.5
DLF-TF-3872	86.0	50.0	68.0
SETFT3	86.0	50.0	68.0
GO-TETF	85.0	50.0	67.5
KNOX	83.3	51.7	67.5
EASY GREEN	88.0	46.7	67.3
RAD-TF134	85.3	48.3	66.8
FIREHAWK SLT	88.3	45.0	66.7
CAPITAN	88.0	45.0	66.5
GRIDIRON	86.3	46.7	66.5

TABLE 26.
(CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/			
NAME	MN1	TN1	MEAN
RAD-TF146	86.3	46.7	66.5
DAYBREAK	88.7	43.3	66.0
PST-5CHR	84.7	46.7	65.7
ATF1832	80.7	50.0	65.3
BAR FA 412	86.3	43.3	64.8
GO-SH19	85.7	43.3	64.5
BAR FA 408	84.3	43.3	63.8
KY-31	81.3	45.0	63.2
RAD-TF136	84.0	40.0	62.0
TOP SHELF	82.0	38.3	60.2
RAD-TF147	86.0	33.3	59.7
24FE7105	84.0	35.0	59.5
PST-R5WG	87.0	31.7	59.3
REBEL XPEDITION	79.7	38.3	59.0
LSD VALUE	3.7	21.6	11.0
C.V. (%)	2.6	23.3	13.2

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

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

TABLE 27.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1	TN1	MEAN
PPG-TF 504	97.0	88.3	92.7
PPG-TF 499	96.7	86.7	91.7
PPG-TF 500	96.0	86.7	91.3
BY-GLS1	95.7	86.7	91.2
NAI-21GPS2	97.0	83.3	90.2
NAI-CEG2	95.7	83.3	89.5
NAI-LGT1	96.3	81.7	89.0
PVP-LOLA	96.0	81.7	88.8
TORINO	96.7	80.0	88.3
BGT2	94.3	81.7	88.0
PPG-TF 498	93.7	81.7	87.7
21CEG1	97.0	78.3	87.7
PPG-TF 541	95.3	80.0	87.7
SETF 409	96.0	78.3	87.2
PPG-TF 503	95.7	78.3	87.0
BY-GLS4	95.0	78.3	86.7
NAI-SOTF	95.0	78.3	86.7
BAR FA 412	90.3	81.7	86.0
PPG-TF 507	95.0	76.7	85.8
22LGT2	95.7	75.0	85.3
PPG-TF 440	94.7	75.0	84.8
21GPS7	94.7	73.3	84.0
DLF-TF-3880	96.3	71.7	84.0
PPG-TF 435	96.0	71.7	83.8
PPG-TF 427	97.3	70.0	83.7
DLF-TF-3870	95.3	71.7	83.5
GO-BPTF-T	93.3	73.3	83.3
NAI-GLW3	94.7	71.7	83.2
DLF-TF-3874	96.3	68.3	82.3
NAI-BNTB	92.3	71.7	82.0
PPG-TF 497	95.7	68.3	82.0
SUPERSONIC 2GL (PPG-TF 493)	95.7	68.3	82.0
DRAGSTER	94.7	68.3	81.5
VALKYRIE 2LS (PPG-TF 402)	96.0	66.7	81.3
DLF-TF-3876	94.3	68.3	81.3
DLF-TF-3844	95.7	66.7	81.2
BONFIRE	95.3	66.7	81.0
BULLSEYE LTZ	96.3	65.0	80.7
KY-31	93.0	68.3	80.7
SETFT3	94.0	66.7	80.3
PST-5CHW2	95.3	65.0	80.2
NAI-HEG9	95.0	65.0	80.0
BAR FA 408	93.0	66.7	79.8
PPG-TF 405	96.3	63.3	79.8
DLF-TF-3869	96.0	63.3	79.7
DYNAMITE 2G-LS (PPG-TF 404)	96.0	63.3	79.7
NAI-2413	94.3	65.0	79.7

TABLE 27.
(CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	OK1	TN1	MEAN
PPG-TF 475	95.7	63.3	79.5
ATLAS	93.7	65.0	79.3
EASY GREEN	93.7	65.0	79.3
DLF-TF-3867	96.7	61.7	79.2
FIRECRACKER 2G-LS (PPG-TF 538)	95.7	61.7	78.7
PPG-TF 505	93.7	63.3	78.5
PPG-TF 506	96.7	60.0	78.3
PPG-TF 540	96.3	60.0	78.2
PPG-TF 403	96.0	60.0	78.0
GO-SH19	95.3	60.0	77.7
GET 21	93.3	61.7	77.5
LTP-GTM	96.7	58.3	77.5
PPG-TF 422	93.3	61.7	77.5
PST-5LOD	96.0	58.3	77.2
GLX STAR	96.7	56.7	76.7
PPG-TF 539	96.7	56.7	76.7
PST-5EBP	96.7	56.7	76.7
SPYDER 3LS (PPG-TF 399)	93.3	60.0	76.7
GO-TETTF	95.0	56.7	75.8
23HEG7	96.3	55.0	75.7
RAPTOR 4LS (PPG-TF 433)	96.3	55.0	75.7
BRAVO 2	94.0	56.7	75.3
LTP-SPP	95.3	55.0	75.2
PPG-TF 508	95.3	55.0	75.2
DLF-TF-3877	96.7	53.3	75.0
PST-5LSM	96.7	53.3	75.0
RAPTOR III	93.3	56.7	75.0
SMG-TF24	94.7	55.0	74.8
DLF-TF-3875	93.0	56.7	74.8
KNOX	95.7	51.7	73.7
DLF-TF-3868	93.7	53.3	73.5
REJUVENATE	91.7	55.0	73.3
VALIANT (PPG-TF 437)	94.3	51.7	73.0
PRO GOLD	94.7	50.0	72.3
ATF1832	94.0	50.0	72.0
23JWL	95.3	48.3	71.8
PST-R5HD6	94.3	48.3	71.3
PST-5CHWM	93.3	48.3	70.8
PST-5DFD	92.7	48.3	70.5
PPG-TF 477	95.7	43.3	69.5
GRIDIRON	92.0	45.0	68.5
DLF-TF-3873	94.7	41.7	68.2
ENDGAME	94.0	41.7	67.8
PST-5CHR	92.3	41.7	67.0
TOP SHELF	92.0	41.7	66.8
RAD-TF134	81.7	51.7	66.7
PADRE 2	94.3	38.3	66.3

TABLE 27.
(CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/			
NAME	OK1	TN1	MEAN
DLF-TF-3872	94.3	36.7	65.5
PRIMO	91.0	40.0	65.5
XANADU	91.7	38.3	65.0
BATTLE HAWK	93.3	35.0	64.2
FIREHAWK SLT	96.3	31.7	64.0
REBEL XPEDITION	87.7	38.3	63.0
EL CAMINO	96.0	28.3	62.2
CAPITAN	92.3	31.7	62.0
PST-R5WG	94.0	30.0	62.0
RAD-TF146	74.3	45.0	59.7
DAYBREAK	92.3	25.0	58.7
RAD-TF147	66.7	36.7	51.7
RAD-TF136	65.0	36.7	50.8
24FE7105	50.7	15.0	32.8
LSD VALUE	8.5	25.7	13.5
C.V. (%)	5.6	26.6	15.5

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

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

TABLE 28.

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	KS3	NAME	KS3	NAME	KS3
21CEG1	7.0	LTP-SPP	7.0	TORINO	7.0
21GPS7	7.0	NAI-21GPS2	7.0	VALIANT (PPG-TF 437)	7.0
22LGT2	7.0	NAI-GLW3	7.0	VALKYRIE 2LS (PPG-TF 402)	7.0
23HEG7	7.0	NAI-HEG9	7.0	ATF1832	6.7
23JWL	7.0	NAI-LGT1	7.0	DLF-TF-3872	6.7
24FE7105	7.0	NAI-SOTF	7.0	DLF-TF-3873	6.7
ATLAS	7.0	PADRE 2	7.0	DLF-TF-3880	6.7
BATTLE HAWK	7.0	PPG-TF 403	7.0	EASY GREEN	6.7
BGT2	7.0	PPG-TF 405	7.0	NAI-2413	6.7
BONFIRE	7.0	PPG-TF 427	7.0	NAI-BNTB	6.7
BRAVO 2	7.0	PPG-TF 435	7.0	NAI-CEG2	6.7
BULLSEYE LTZ	7.0	PPG-TF 440	7.0	PPG-TF 422	6.7
BY-GLS1	7.0	PPG-TF 475	7.0	PPG-TF 503	6.7
BY-GLS4	7.0	PPG-TF 477	7.0	PRO GOLD	6.7
CAPITAN	7.0	PPG-TF 497	7.0	PST-5CHW2	6.7
DAYBREAK	7.0	PPG-TF 498	7.0	PST-5LSM	6.7
DLF-TF-3844	7.0	PPG-TF 499	7.0	PST-R5HD6	6.7
DLF-TF-3867	7.0	PPG-TF 500	7.0	SETFT3	6.7
DLF-TF-3868	7.0	PPG-TF 504	7.0	SMG-TF24	6.7
DLF-TF-3869	7.0	PPG-TF 505	7.0	SUPERSONIC 2GL (PPG-TF 493)	6.7
DLF-TF-3870	7.0	PPG-TF 506	7.0	TOP SHELF	6.7
DLF-TF-3874	7.0	PPG-TF 507	7.0	XANADU	6.7
DLF-TF-3875	7.0	PPG-TF 508	7.0	BAR FA 412	6.3
DLF-TF-3876	7.0	PPG-TF 539	7.0	GO-BPTF-T	6.3
DLF-TF-3877	7.0	PPG-TF 540	7.0	PST-5CHR	6.3
DRAGSTER	7.0	PPG-TF 541	7.0	RAD-TF136	6.3
DYNAMITE 2G-LS (PPG-TF 404)	7.0	PST-5CHWM	7.0	RAD-TF147	6.3
EL CAMINO	7.0	PST-5DFD	7.0	REBEL XPEDITION	6.3
ENDGAME	7.0	PST-5EBP	7.0	REJUVENATE	6.3
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	PST-5LOD	7.0	BAR FA 408	6.0
FIREHAWK SLT	7.0	PST-R5WG	7.0	KNOX	6.0
GET 21	7.0	PVP-LOLA	7.0	KY-31	6.0
GLX STAR	7.0	RAD-TF134	7.0	PRIMO	6.0
GO-SH19	7.0	RAPTOR 4LS (PPG-TF 433)	7.0	RAD-TF146	6.0
GO-TETF	7.0	RAPTOR III	7.0		
GRIDIRON	7.0	SETF 409	7.0	LSD VALUE	0.5
LTP-GTM	7.0	SPYDER 3LS (PPG-TF 399)	7.0	C.V. (%)	4.1

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

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

TABLE 29.

STEM RUST RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	NC1	NAME	NC1	NAME	NC1
LTP-GTM	7.3	PPG-TF 541	5.3	PPG-TF 497	4.3
DLF-TF-3867	7.0	PST-5CHW2	5.3	PPG-TF 508	4.3
21CEG1	6.7	PST-5LOD	5.3	PRO GOLD	4.3
PST-5CHR	6.7	23HEG7	5.0	SETFT3	4.3
24FE7105	6.3	BONFIRE	5.0	22LGT2	4.0
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	DLF-TF-3872	5.0	ATF1832	4.0
NAI-HEG9	6.3	DLF-TF-3877	5.0	BY-GLS4	4.0
PPG-TF 435	6.3	DYNAMITE 2G-LS (PPG-TF 404)	5.0	DLF-TF-3844	4.0
PPG-TF 499	6.3	PPG-TF 422	5.0	EL CAMINO	4.0
PPG-TF 503	6.3	PPG-TF 440	5.0	GO-BPTF-T	4.0
TORINO	6.3	PPG-TF 506	5.0	GO-TETF	4.0
BULLSEYE LTZ	6.0	VALIANT (PPG-TF 437)	5.0	NAI-BNTB	4.0
NAI-21GPS2	6.0	BATTLE HAWK	4.7	NAI-LGT1	4.0
NAI-2413	6.0	DAYBREAK	4.7	PPG-TF 405	4.0
NAI-GLW3	6.0	DLF-TF-3870	4.7	PST-R5WG	4.0
PPG-TF 500	6.0	DLF-TF-3876	4.7	RAD-TF134	4.0
PPG-TF 540	6.0	DRAGSTER	4.7	RAD-TF136	4.0
BY-GLS1	5.7	FIREHAWK SLT	4.7	RAPTOR 4LS (PPG-TF 433)	4.0
DLF-TF-3868	5.7	LTP-SPP	4.7	ATLAS	3.7
DLF-TF-3869	5.7	PPG-TF 427	4.7	ENDGAME	3.7
DLF-TF-3880	5.7	PPG-TF 498	4.7	GO-SH19	3.7
GET 21	5.7	PPG-TF 504	4.7	KY-31	3.7
NAI-SOTF	5.7	PST-5EBP	4.7	PPG-TF 507	3.7
PPG-TF 505	5.7	PST-R5HD6	4.7	RAPTOR III	3.7
PPG-TF 539	5.7	PVP-LOLA	4.7	SUPERSONIC 2GL (PPG-TF 493)	3.7
PST-5CHWM	5.7	REBEL XPEDITION	4.7	XANADU	3.7
PST-5DFD	5.7	SETF 409	4.7	PST-5LSM	3.3
SPYDER 3LS (PPG-TF 399)	5.7	SMG-TF24	4.7	BAR FA 408	3.0
VALKYRIE 2LS (PPG-TF 402)	5.7	21GPS7	4.3	DLF-TF-3873	3.0
23JWL	5.3	BAR FA 412	4.3	PRIMO	3.0
BGT2	5.3	BRAVO 2	4.3	RAD-TF147	3.0
DLF-TF-3875	5.3	CAPITAN	4.3	REJUVENATE	3.0
GLX STAR	5.3	DLF-TF-3874	4.3	RAD-TF146	2.7
NAI-CEG2	5.3	EASY GREEN	4.3	TOP SHELF	2.0
PADRE 2	5.3	GRIDIRON	4.3		
PPG-TF 403	5.3	KNOX	4.3	LSD VALUE	2.1
PPG-TF 477	5.3	PPG-TF 475	4.3	C.V. (%)	27.0

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

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

TABLE 30.

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/						
NAME	IN1	NC1	NJ1	OK1	VA1	MEAN
DLF-TF-3867	7.3	7.0	8.3	6.0	5.7	6.9
23JWL	6.7	7.0	9.0	5.3	6.0	6.8
GET 21	7.3	6.0	8.0	6.0	6.3	6.7
PVP-LOLA	6.3	6.3	8.7	6.7	5.7	6.7
TORINO	7.3	7.0	8.3	4.3	6.7	6.7
BGT2	7.0	5.3	8.0	6.0	7.0	6.7
NAI-HEG9	7.0	6.7	8.0	4.0	7.3	6.6
PPG-TF 504	7.7	5.3	8.3	6.0	5.7	6.6
FIRECRACKER 2G-LS (PPG-TF 538)	6.0	6.3	8.7	5.7	6.0	6.5
LTP-GTM	6.0	6.0	8.3	6.3	5.7	6.5
NAI-CEG2	6.7	6.7	8.3	4.3	6.3	6.5
DLF-TF-3874	7.0	6.3	8.3	6.3	4.3	6.5
SETF 409	7.3	7.0	8.3	4.7	5.0	6.5
CAPITAN	6.7	5.7	8.3	5.7	5.3	6.3
PPG-TF 499	6.3	5.7	8.3	5.0	6.3	6.3
PPG-TF 506	7.7	6.3	5.7	5.3	6.7	6.3
PST-5LSM	6.7	5.7	8.3	6.3	4.7	6.3
PST-5CHW2	7.7	5.3	7.0	6.7	4.7	6.3
PST-R5WG	7.3	4.7	7.0	6.7	5.7	6.3
SPYDER 3LS (PPG-TF 399)	6.0	5.7	8.3	4.7	6.7	6.3
DLF-TF-3872	7.0	6.0	8.0	5.3	5.0	6.3
DLF-TF-3876	7.0	6.3	8.7	5.3	4.0	6.3
PPG-TF 508	7.0	6.0	8.0	5.0	5.3	6.3
PPG-TF 497	7.3	4.3	8.0	5.7	5.7	6.2
PPG-TF 500	6.7	6.0	8.3	5.0	5.0	6.2
VALIANT (PPG-TF 437)	6.3	6.0	8.0	4.7	6.0	6.2
VALKYRIE 2LS (PPG-TF 402)	7.0	6.7	7.3	5.0	5.0	6.2
NAI-2413	6.3	6.0	8.3	5.0	5.3	6.2
PPG-TF 405	7.3	6.3	7.7	5.3	4.3	6.2
PPG-TF 440	7.3	4.7	8.7	5.3	5.0	6.2
21GPS7	6.0	5.7	8.3	4.7	6.0	6.1
22LGT2	6.7	6.0	7.0	4.7	6.3	6.1
BY-GLS1	5.0	6.0	7.7	5.3	6.7	6.1
PPG-TF 505	5.7	6.3	7.7	5.3	5.7	6.1
PPG-TF 540	6.0	5.0	8.0	6.7	5.0	6.1
DLF-TF-3868	6.3	4.3	8.3	6.3	5.0	6.1
GRIDIRON	7.0	5.3	7.7	4.3	6.0	6.1
PPG-TF 435	6.3	6.7	8.7	5.7	3.0	6.1
PPG-TF 475	6.7	5.3	7.7	4.3	6.3	6.1
PPG-TF 498	7.3	6.0	8.0	4.0	5.0	6.1
PST-5CHR	6.3	6.0	8.0	5.3	4.7	6.1
PST-5CHWM	6.0	6.0	7.3	6.0	5.0	6.1
21CEG1	5.7	6.7	7.3	4.7	5.7	6.0
DLF-TF-3877	6.0	6.7	8.7	5.0	3.7	6.0
PPG-TF 403	6.0	6.0	8.3	4.7	5.0	6.0
LTP-SPP	5.3	6.3	6.7	5.0	6.7	6.0

TABLE 30.
(CONT'D)

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/						
NAME	IN1	NC1	NJ1	OK1	VA1	MEAN
NAI-GLW3	6.3	6.3	8.3	4.7	4.3	6.0
NAI-LGT1	5.7	4.7	7.3	6.0	6.3	6.0
PPG-TF 427	6.0	6.0	8.3	5.3	4.3	6.0
PPG-TF 477	6.0	6.0	8.0	5.0	5.0	6.0
DYNAMITE 2G-LS (PPG-TF 404)	6.3	4.7	8.3	4.7	5.7	5.9
DLF-TF-3875	5.7	5.7	8.7	5.0	4.7	5.9
PPG-TF 422	6.3	6.7	7.0	5.0	4.7	5.9
23HEG7	7.0	6.3	7.0	4.0	5.3	5.9
FIREHAWK SLT	6.0	5.3	7.3	5.7	5.3	5.9
NAI-21GPS2	5.7	6.3	7.0	6.3	4.3	5.9
RAPTOR 4LS (PPG-TF 433)	7.7	5.3	6.7	6.0	3.7	5.9
SUPERSONIC 2GL (PPG-TF 493)	6.7	5.0	7.7	5.3	4.7	5.9
DLF-TF-3873	6.0	6.0	8.0	5.0	4.3	5.9
PPG-TF 539	5.7	5.3	8.7	5.0	4.7	5.9
PST-5EBP	4.0	5.3	8.0	7.3	4.7	5.9
PPG-TF 541	6.0	5.7	7.0	5.7	4.7	5.8
BONFIRE	6.3	5.3	6.3	5.3	5.7	5.8
BULLSEYE LTZ	5.7	7.0	8.3	4.0	4.0	5.8
XANADU	7.3	4.0	8.0	4.7	5.0	5.8
PADRE 2	5.7	4.7	7.7	5.7	4.7	5.7
DLF-TF-3844	6.7	5.0	7.3	4.3	5.0	5.7
BATTLE HAWK	5.0	5.0	7.7	4.3	6.0	5.6
PPG-TF 507	6.3	5.0	7.0	4.7	5.0	5.6
DLF-TF-3870	6.7	5.3	3.7	6.0	6.0	5.5
ENDGAME	5.0	5.3	8.0	4.7	4.7	5.5
PPG-TF 503	5.3	6.0	6.7	4.7	5.0	5.5
RAPTOR III	5.0	5.0	6.0	5.7	6.0	5.5
BY-GLS4	5.3	4.7	7.0	4.7	5.7	5.5
DLF-TF-3869	5.3	5.7	6.7	5.7	4.0	5.5
PST-5LOD	6.3	5.3	3.7	7.0	5.0	5.5
PST-R5HD6	5.7	5.0	7.7	5.3	3.7	5.5
GLX STAR	4.7	5.3	6.7	6.3	4.0	5.4
PST-5DFD	5.3	5.3	5.3	6.3	4.7	5.4
DLF-TF-3880	4.0	6.7	7.7	4.3	4.0	5.3
GO-BPTF-T	3.7	6.0	7.7	4.7	4.7	5.3
GO-SH19	5.7	4.7	7.3	4.7	4.0	5.3
REBEL XPEDITION	5.7	5.7	5.3	6.7	3.0	5.3
SMG-TF24	5.0	5.7	6.0	4.0	5.7	5.3
DRAGSTER	5.7	5.0	7.0	4.3	4.3	5.3
EL CAMINO	5.3	5.7	6.7	4.3	4.3	5.3
ATLAS	4.7	4.3	6.7	5.7	4.7	5.2
PRO GOLD	5.0	4.7	6.3	4.7	5.0	5.1
NAI-BNTB	6.3	5.3	6.7	4.0	3.3	5.1
DAYBREAK	6.3	4.3	5.3	4.0	5.0	5.0
BAR FA 412	5.7	4.7	6.0	5.7	2.7	4.9
EASY GREEN	4.0	4.3	8.0	5.3	3.0	4.9
NAI-SOTF	5.0	6.3	6.0	4.0	3.0	4.9

TABLE 30.
(CONT'D)

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/						
NAME	IN1	NC1	NJ1	OK1	VA1	MEAN
BRAVO 2	5.0	5.0	4.3	5.7	4.0	4.8
BAR FA 408	6.3	3.7	5.7	4.7	3.3	4.7
SETFT3	4.3	4.0	6.0	5.7	3.7	4.7
ATF1832	4.0	4.7	5.7	5.7	3.3	4.7
GO-TETF	4.3	5.3	4.3	4.7	4.7	4.7
KNOX	4.3	4.3	4.7	5.3	4.7	4.7
RAD-TF134	5.3	4.0	6.0	3.7	4.0	4.6
KY-31	4.3	5.0	3.0	5.0	5.0	4.5
RAD-TF136	4.7	5.0	4.3	2.3	3.0	3.9
PRIMO	3.7	4.3	2.7	4.3	4.0	3.8
RAD-TF147	3.7	3.7	5.7	2.3	3.7	3.8
RAD-TF146	3.7	4.7	4.7	2.7	3.0	3.7
24FE7105	5.3	2.3	5.0	2.0	3.3	3.6
TOP SHELF	3.0	4.0	3.0	5.0	2.7	3.5
REJUVENATE	3.3	3.3	2.7	3.0	5.0	3.5
LSD VALUE	1.9	2.1	2.7	2.1	2.0	1.0
C.V. (%)	20.2	23.4	23.5	25.6	25.9	23.8

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

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

TABLE 31.

BROWN PATCH (COOL TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/					
NAME	VA1	NAME	VA1	NAME	VA1
21CEG1	8.3	VALIANT (PPG-TF 437)	7.7	PPG-TF 500	7.0
GRIDIRON	8.3	XANADU	7.7	PPG-TF 504	7.0
NAI-LGT1	8.3	BAR FA 408	7.3	PPG-TF 541	7.0
PPG-TF 403	8.3	BY-GLS1	7.3	PST-5EBP	7.0
22LGT2	8.0	CAPITAN	7.3	PST-5LOD	7.0
23JWL	8.0	DRAGSTER	7.3	RAPTOR III	7.0
DYNAMITE 2G-LS (PPG-TF 404)	8.0	FIRECRACKER 2G-LS (PPG-TF 538)	7.3	SMG-TF24	7.0
NAI-2413	8.0	FIREHAWK SLT	7.3	SPYDER 3LS (PPG-TF 399)	7.0
NAI-BNTB	8.0	GET 21	7.3	BGT2	6.7
PPG-TF 427	8.0	GO-SH19	7.3	DAYBREAK	6.7
PPG-TF 477	8.0	NAI-HEG9	7.3	DLF-TF-3877	6.7
PPG-TF 497	8.0	PADRE 2	7.3	LTP-SPP	6.7
PPG-TF 503	8.0	PPG-TF 435	7.3	PST-5CHWM	6.7
PPG-TF 505	8.0	PPG-TF 508	7.3	PST-5DFD	6.7
PPG-TF 506	8.0	PRO GOLD	7.3	RAD-TF146	6.7
PPG-TF 507	8.0	PST-5CHW2	7.3	SETFT3	6.7
PST-5CHR	8.0	REBEL XPEDITION	7.3	DLF-TF-3873	6.3
SUPERSONIC 2GL (PPG-TF 493)	8.0	SETF 409	7.3	DLF-TF-3880	6.3
TORINO	8.0	23HEG7	7.0	GLX STAR	6.3
VALKYRIE 2LS (PPG-TF 402)	8.0	24FE7105	7.0	GO-TETF	6.3
21GPS7	7.7	ATF1832	7.0	KNOX	6.3
BONFIRE	7.7	ATLAS	7.0	NAI-CEG2	6.3
BULLSEYE LTZ	7.7	BATTLE HAWK	7.0	NAI-SOTF	6.3
DLF-TF-3844	7.7	BRAVO 2	7.0	PST-5LSM	6.3
DLF-TF-3874	7.7	BY-GLS4	7.0	REJUVENATE	6.3
DLF-TF-3876	7.7	DLF-TF-3867	7.0	TOP SHELF	6.3
EL CAMINO	7.7	DLF-TF-3868	7.0	PVP-LOLA	6.0
LTP-GTM	7.7	DLF-TF-3869	7.0	EASY GREEN	5.7
NAI-21GPS2	7.7	DLF-TF-3870	7.0	PRIMO	5.7
NAI-GLW3	7.7	DLF-TF-3872	7.0	BAR FA 412	5.3
PPG-TF 405	7.7	DLF-TF-3875	7.0	KY-31	5.3
PPG-TF 475	7.7	ENDGAME	7.0	RAD-TF134	5.3
PPG-TF 539	7.7	GO-BPTF-T	7.0	RAD-TF136	5.3
PPG-TF 540	7.7	PPG-TF 422	7.0	RAD-TF147	5.0
PST-R5HD6	7.7	PPG-TF 440	7.0		
PST-R5WG	7.7	PPG-TF 498	7.0	LSD VALUE	1.8
RAPTOR 4LS (PPG-TF 433)	7.7	PPG-TF 499	7.0	C.V. (%)	15.5

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 32.

GRAY LEAF SPOT RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

GRAY LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	NC1	NAME	NC1	NAME	NC1
NAI-CEG2	8.0	NAI-GLW3	6.7	PST-5CHW2	6.0
TORINO	8.0	PPG-TF 435	6.7	PST-5EBP	6.0
DLF-TF-3867	7.7	PPG-TF 540	6.7	DLF-TF-3872	5.7
GET 21	7.7	SUPERSONIC 2GL (PPG-TF 493)	6.7	DLF-TF-3875	5.7
NAI-HEG9	7.7	21CEG1	6.3	ENDGAME	5.7
23HEG7	7.3	BGT2	6.3	GO-TETF	5.7
23JWL	7.3	BRAVO 2	6.3	GRIDIRON	5.7
DLF-TF-3869	7.3	DLF-TF-3844	6.3	LTP-SPP	5.7
DLF-TF-3870	7.3	DLF-TF-3876	6.3	PPG-TF 507	5.7
DLF-TF-3874	7.3	EASY GREEN	6.3	PPG-TF 541	5.7
FIRECRACKER 2G-LS (PPG-TF 538)	7.3	GO-BPTF-T	6.3	RAD-TF136	5.7
NAI-BNTB	7.3	LTP-GTM	6.3	REBEL XPEDITION	5.7
NAI-LGT1	7.3	PPG-TF 403	6.3	SPYDER 3LS (PPG-TF 399)	5.7
PST-R5HD6	7.3	PPG-TF 477	6.3	TOP SHELF	5.7
PVP-LOLA	7.3	PPG-TF 503	6.3	VALKYRIE 2LS (PPG-TF 402)	5.7
SETF 409	7.3	PPG-TF 506	6.3	ATF1832	5.3
SMG-TF24	7.3	PST-5LOD	6.3	DAYBREAK	5.3
NAI-21GPS2	7.0	PST-R5WG	6.3	DLF-TF-3873	5.3
PPG-TF 405	7.0	RAPTOR 4LS (PPG-TF 433)	6.3	PRIMO	5.3
PPG-TF 498	7.0	RAPTOR III	6.3	PST-5DFD	5.3
PPG-TF 499	7.0	VALIANT (PPG-TF 437)	6.3	RAD-TF146	5.3
PPG-TF 500	7.0	ATLAS	6.0	SETFT3	5.3
PPG-TF 504	7.0	BAR FA 412	6.0	BAR FA 408	5.0
PPG-TF 505	7.0	BULLSEYE LTZ	6.0	BATTLE HAWK	5.0
PST-5CHWM	7.0	CAPITAN	6.0	DRAGSTER	4.7
PST-5LSM	7.0	EL CAMINO	6.0	FIREHAWK SLT	4.7
XANADU	7.0	GO-SH19	6.0	PADRE 2	4.7
21GPS7	6.7	KNOX	6.0	PRO GOLD	4.7
22LGT2	6.7	NAI-SOTF	6.0	DYNAMITE 2G-LS (PPG-TF 404)	4.3
BONFIRE	6.7	PPG-TF 422	6.0	REJUVENATE	4.3
BY-GLS1	6.7	PPG-TF 427	6.0	RAD-TF134	4.0
BY-GLS4	6.7	PPG-TF 440	6.0	RAD-TF147	4.0
DLF-TF-3868	6.7	PPG-TF 475	6.0	KY-31	3.3
DLF-TF-3877	6.7	PPG-TF 497	6.0	24FE7105	2.7
DLF-TF-3880	6.7	PPG-TF 508	6.0		
GLX STAR	6.7	PPG-TF 539	6.0	LSD VALUE	1.9
NAI-2413	6.7	PST-5CHR	6.0	C.V. (%)	19.2

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 33.

FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	NE1	NAME	NE1	NAME	NE1
PPG-TF 477	7.3	PPG-TF 497	7.0	PPG-TF 539	6.7
21CEG1	7.0	PPG-TF 499	7.0	PPG-TF 540	6.7
21GPS7	7.0	PPG-TF 503	7.0	PPG-TF 541	6.7
23HEG7	7.0	PPG-TF 504	7.0	PRO GOLD	6.7
23JWL	7.0	PPG-TF 505	7.0	PST-5CHWM	6.7
BATTLE HAWK	7.0	PPG-TF 506	7.0	PST-5DFD	6.7
BGT2	7.0	PVP-LOLA	7.0	PST-5EBP	6.7
BRAVO 2	7.0	RAD-TF134	7.0	PST-5LOD	6.7
BY-GLS4	7.0	RAD-TF136	7.0	PST-5LSM	6.7
CAPITAN	7.0	RAD-TF147	7.0	PST-R5HD6	6.7
DAYBREAK	7.0	REJUVENATE	7.0	RAPTOR 4LS (PPG-TF 433)	6.7
DLF-TF-3867	7.0	SETF 409	7.0	RAPTOR III	6.7
DLF-TF-3868	7.0	SMG-TF24	7.0	TOP SHELF	6.7
DLF-TF-3869	7.0	SPYDER 3LS (PPG-TF 399)	7.0	VALKYRIE 2LS (PPG-TF 402)	6.7
DLF-TF-3872	7.0	TORINO	7.0	XANADU	6.7
DLF-TF-3873	7.0	VALIANT (PPG-TF 437)	7.0	BAR FA 412	6.3
DLF-TF-3874	7.0	22LGT2	6.7	BONFIRE	6.3
DLF-TF-3877	7.0	24FE7105	6.7	BY-GLS1	6.3
DLF-TF-3880	7.0	ATF1832	6.7	DLF-TF-3876	6.3
DRAGSTER	7.0	ATLAS	6.7	GO-TETF	6.3
EASY GREEN	7.0	BULLSEYE LTZ	6.7	LTP-GTM	6.3
EL CAMINO	7.0	DLF-TF-3844	6.7	NAI-HEG9	6.3
ENDGAME	7.0	DLF-TF-3870	6.7	PPG-TF 498	6.3
FIRECRACKER 2G-LS (PPG-TF 538)	7.0	DLF-TF-3875	6.7	PRIMO	6.3
GO-BPTF-T	7.0	DYNAMITE 2G-LS (PPG-TF 404)	6.7	PST-5CHR	6.3
GO-SH19	7.0	FIREHAWK SLT	6.7	PST-5CHW2	6.3
GRIDIRON	7.0	GET 21	6.7	PST-R5WG	6.3
LTP-SPP	7.0	KNOX	6.7	RAD-TF146	6.3
NAI-21GPS2	7.0	NAI-LGT1	6.7	REBEL XPEDITION	6.3
NAI-2413	7.0	PADRE 2	6.7	SETFT3	6.3
NAI-BNTB	7.0	PPG-TF 403	6.7	SUPERSONIC 2GL (PPG-TF 493)	6.3
NAI-CEG2	7.0	PPG-TF 405	6.7	BAR FA 408	6.0
NAI-GLW3	7.0	PPG-TF 435	6.7	GLX STAR	6.0
NAI-SOTF	7.0	PPG-TF 440	6.7	KY-31	6.0
PPG-TF 422	7.0	PPG-TF 500	6.7		
PPG-TF 427	7.0	PPG-TF 507	6.7	LSD VALUE	0.7
PPG-TF 475	7.0	PPG-TF 508	6.7	C.V. (%)	6.1

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 34.

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	NC1	TN1	MEAN
GO-SH19	7.3	6.3	6.8
VALKYRIE 2LS (PPG-TF 402)	6.3	7.3	6.8
DLF-TF-3868	7.3	6.0	6.7
PPG-TF 503	6.3	7.0	6.7
23JWL	6.7	6.3	6.5
PST-5CHR	6.0	7.0	6.5
LTP-GTM	6.0	6.7	6.3
PST-5EBP	6.0	6.7	6.3
NAI-HEG9	6.7	5.7	6.2
NAI-SOTF	6.7	5.7	6.2
PPG-TF 497	5.7	6.7	6.2
TORINO	6.7	5.7	6.2
DLF-TF-3877	7.0	5.3	6.2
NAI-21GPS2	6.0	6.3	6.2
SPYDER 3LS (PPG-TF 399)	6.0	6.3	6.2
21GPS7	5.7	6.3	6.0
DLF-TF-3867	7.0	5.0	6.0
NAI-GLW3	6.7	5.3	6.0
PPG-TF 440	6.3	5.7	6.0
SMG-TF24	5.7	6.3	6.0
BULLSEYE LTZ	6.7	5.0	5.8
DLF-TF-3873	6.0	5.7	5.8
NAI-LGT1	6.7	5.0	5.8
PPG-TF 475	6.7	5.0	5.8
PPG-TF 498	6.0	5.7	5.8
PPG-TF 507	6.0	5.7	5.8
VALIANT (PPG-TF 437)	5.7	6.0	5.8
DLF-TF-3872	6.3	5.3	5.8
DLF-TF-3874	6.3	5.3	5.8
PST-5CHW2	5.3	6.3	5.8
DLF-TF-3875	6.7	4.7	5.7
LTP-SPP	5.7	5.7	5.7
NAI-CEG2	6.7	4.7	5.7
PRIMO	6.7	4.7	5.7
BAR FA 408	6.0	5.3	5.7
BATTLE HAWK	6.0	5.3	5.7
BONFIRE	6.0	5.3	5.7
GET 21	6.0	5.3	5.7
GO-TETf	6.3	5.0	5.7
NAI-2413	6.0	5.3	5.7
NAI-BNTB	6.0	5.3	5.7
PPG-TF 403	6.3	5.0	5.7
PPG-TF 422	6.0	5.3	5.7
PPG-TF 435	7.0	4.3	5.7
PPG-TF 499	6.3	5.0	5.7
PPG-TF 500	6.0	5.3	5.7

TABLE 34.
(CONT'D)

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	NC1	TN1	MEAN
PPG-TF 505	6.3	5.0	5.7
PPG-TF 508	6.3	5.0	5.7
PPG-TF 539	5.0	6.3	5.7
RAPTOR 4LS (PPG-TF 433)	6.3	5.0	5.7
21CEG1	7.0	4.0	5.5
23HEG7	5.7	5.3	5.5
BAR FA 412	5.3	5.7	5.5
DAYBREAK	5.7	5.3	5.5
DLF-TF-3869	6.0	5.0	5.5
DLF-TF-3876	6.3	4.7	5.5
DLF-TF-3880	6.3	4.7	5.5
GO-BPTF-T	6.7	4.3	5.5
PPG-TF 477	5.7	5.3	5.5
PPG-TF 506	6.0	5.0	5.5
PPG-TF 541	5.3	5.7	5.5
PST-5CHWM	6.3	4.7	5.5
PST-5DFD	6.7	4.3	5.5
RAD-TF147	6.7	4.3	5.5
RAPTOR III	5.7	5.3	5.5
SETF 409	6.3	4.7	5.5
XANADU	5.0	6.0	5.5
BRAVO 2	5.7	5.0	5.3
CAPITAN	5.0	5.7	5.3
DRAGSTER	6.0	4.7	5.3
PPG-TF 427	6.0	4.7	5.3
PST-R5HD6	5.7	5.0	5.3
RAD-TF146	5.7	5.0	5.3
BY-GLS1	6.3	4.3	5.3
DLF-TF-3870	5.3	5.3	5.3
DYNAMITE 2G-LS (PPG-TF 404)	5.3	5.3	5.3
PPG-TF 540	5.3	5.3	5.3
PRO GOLD	5.3	5.3	5.3
24FE7105	4.7	5.7	5.2
PADRE 2	5.7	4.7	5.2
PVP-LOLA	5.7	4.7	5.2
BY-GLS4	5.0	5.3	5.2
ENDGAME	5.3	5.0	5.2
FIREHAWK SLT	6.0	4.3	5.2
PST-R5WG	6.0	4.3	5.2
RAD-TF134	5.3	5.0	5.2
REBEL XPEDITION	5.0	5.3	5.2
SETFT3	5.3	5.0	5.2
DLF-TF-3844	5.0	5.0	5.0
EL CAMINO	5.7	4.3	5.0
PST-5LSM	5.3	4.7	5.0
SUPERSONIC 2GL (PPG-TF 493)	4.7	5.3	5.0
RAD-TF136	5.7	4.0	4.8

TABLE 34.
(CONT'D)

FALL COLOR (NOVEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	NC1	TN1	MEAN
GLX STAR	5.3	4.3	4.8
TOP SHELF	6.0	3.7	4.8
BGT2	5.7	3.7	4.7
FIRECRACKER 2G-LS (PPG-TF 538)	5.7	3.7	4.7
GRIDIRON	4.7	4.7	4.7
PPG-TF 405	5.7	3.7	4.7
ATF1832	4.3	5.0	4.7
ATLAS	5.3	4.0	4.7
PPG-TF 504	5.3	4.0	4.7
EASY GREEN	5.7	3.3	4.5
KNOX	4.7	4.3	4.5
PST-5LOD	5.0	4.0	4.5
REJUVENATE	5.0	4.0	4.5
22LGT2	4.7	3.7	4.2
KY-31	3.0	3.3	3.2
LSD VALUE	1.5	2.3	1.4
C.V. (%)	16.3	28.4	22.4

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

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

TABLE 35.

FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	GA1	KS1	MEAN
DLF-TF-3876	8.7	8.0	8.3
PPG-TF 497	8.7	8.0	8.3
VALKYRIE 2LS (PPG-TF 402)	8.5	8.0	8.3
BATTLE HAWK	8.3	8.0	8.2
BGT2	8.3	8.0	8.2
EASY GREEN	8.3	8.0	8.2
GO-BPTF-T	8.3	8.0	8.2
PPG-TF 440	8.3	8.0	8.2
PPG-TF 499	8.3	8.0	8.2
PPG-TF 505	8.3	8.0	8.2
PPG-TF 506	8.3	8.0	8.2
PVP-LOLA	8.3	8.0	8.2
RAPTOR III	8.3	8.0	8.2
SPYDER 3LS (PPG-TF 399)	8.3	8.0	8.2
ATF1832	8.7	7.7	8.2
ATLAS	8.7	7.7	8.2
DLF-TF-3880	8.7	7.7	8.2
RAD-TF147	8.7	7.7	8.2
NAI-CEG2	8.5	7.7	8.1
22LGT2	8.0	8.0	8.0
23HEG7	8.0	8.0	8.0
24FE7105	8.3	7.7	8.0
BONFIRE	8.0	8.0	8.0
BULLSEYE LTZ	8.3	7.7	8.0
CAPITAN	8.0	8.0	8.0
DAYBREAK	8.0	8.0	8.0
DLF-TF-3868	8.0	8.0	8.0
DLF-TF-3877	8.3	7.7	8.0
DRAGSTER	8.0	8.0	8.0
EL CAMINO	8.0	8.0	8.0
ENDGAME	8.0	8.0	8.0
FIRECRACKER 2G-LS (PPG-TF 538)	8.0	8.0	8.0
FIREHAWK SLT	8.3	7.7	8.0
GET 21	8.0	8.0	8.0
GO-SH19	8.3	7.7	8.0
GO-TETF	8.7	7.3	8.0
GRIDIRON	8.3	7.7	8.0
NAI-21GPS2	8.3	7.7	8.0
NAI-BNTB	8.0	8.0	8.0
PADRE 2	8.3	7.7	8.0
PPG-TF 405	8.0	8.0	8.0
PPG-TF 422	8.0	8.0	8.0
PPG-TF 427	8.0	8.0	8.0
PPG-TF 435	8.0	8.0	8.0
PPG-TF 475	8.0	8.0	8.0
PPG-TF 477	8.0	8.0	8.0
PPG-TF 500	8.0	8.0	8.0

TABLE 35.
(CONT'D)

FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	GA1	KS1	MEAN
PPG-TF 503	8.0	8.0	8.0
PPG-TF 507	8.0	8.0	8.0
PPG-TF 508	8.0	8.0	8.0
PPG-TF 539	8.0	8.0	8.0
PPG-TF 540	8.0	8.0	8.0
PPG-TF 541	8.0	8.0	8.0
PST-5CHW2	8.7	7.3	8.0
SETF 409	8.0	8.0	8.0
TORINO	8.0	8.0	8.0
21CEG1	7.7	8.0	7.8
21GPS7	7.7	8.0	7.8
BAR FA 412	8.0	7.7	7.8
BY-GLS4	8.0	7.7	7.8
DLF-TF-3844	8.3	7.3	7.8
DLF-TF-3872	8.0	7.7	7.8
DLF-TF-3873	8.0	7.7	7.8
DLF-TF-3875	8.0	7.7	7.8
DYNAMITE 2G-LS (PPG-TF 404)	7.7	8.0	7.8
GLX STAR	8.0	7.7	7.8
LTP-GTM	8.3	7.3	7.8
NAI-2413	8.0	7.7	7.8
NAI-GLW3	7.7	8.0	7.8
NAI-LGT1	8.0	7.7	7.8
NAI-SOTF	7.7	8.0	7.8
PPG-TF 403	7.7	8.0	7.8
PPG-TF 498	8.0	7.7	7.8
PPG-TF 504	8.0	7.7	7.8
PST-5DFD	8.0	7.7	7.8
PST-5LOD	8.0	7.7	7.8
RAD-TF146	8.0	7.7	7.8
SETFT3	8.0	7.7	7.8
SUPERSONIC 2GL (PPG-TF 493)	8.0	7.7	7.8
VALIANT (PPG-TF 437)	7.7	8.0	7.8
XANADU	8.0	7.7	7.8
KNOX	8.7	7.0	7.8
23JWL	7.7	7.7	7.7
BRAVO 2	7.7	7.7	7.7
DLF-TF-3867	7.7	7.7	7.7
DLF-TF-3869	8.3	7.0	7.7
LTP-SPP	7.7	7.7	7.7
PST-5CHR	8.3	7.0	7.7
PST-5EBP	8.3	7.0	7.7
PST-5LSM	8.3	7.0	7.7
PST-R5HD6	8.3	7.0	7.7
RAD-TF134	7.7	7.7	7.7
RAD-TF136	7.7	7.7	7.7
REBEL XPEDITION	8.3	7.0	7.7

TABLE 35.
(CONT'D)

FALL COLOR (DECEMBER) RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

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

NAME	GA1	KS1	MEAN
TOP SHELF	8.3	7.0	7.7
BY-GLS1	8.0	7.3	7.7
DLF-TF-3870	8.0	7.3	7.7
DLF-TF-3874	8.0	7.3	7.7
NAI-HEG9	8.0	7.3	7.7
PRO GOLD	8.0	7.3	7.7
PST-5CHWM	8.0	7.3	7.7
PST-R5WG	8.0	7.3	7.7
RAPTOR 4LS (PPG-TF 433)	7.3	8.0	7.7
BAR FA 408	7.7	7.3	7.5
REJUVENATE	8.0	7.0	7.5
SMG-TF24	8.3	6.7	7.5
PRIMO	7.3	7.0	7.2
KY-31	7.7	5.0	6.3
LSD VALUE	0.7	0.6	0.5
C.V. (%)	5.7	5.2	5.5

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

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

TABLE 36.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA 2/

NAME	NC1	NJ1	MEAN
KY-31	41.7	93.0	67.3
PPG-TF 539	40.0	93.3	66.7
BGT2	43.3	88.3	65.8
DAYBREAK	46.7	85.0	65.8
EASY GREEN	48.3	83.3	65.8
GET 21	46.7	85.0	65.8
21CEG1	45.0	85.0	65.0
DRAGSTER	38.3	91.7	65.0
LTP-GTM	38.3	90.0	64.2
PPG-TF 427	40.0	88.3	64.2
LTP-SPP	45.0	81.7	63.3
NAI-LGT1	48.3	78.3	63.3
ATF1832	41.7	83.3	62.5
PST-5EBP	40.0	85.0	62.5
PVP-LOLA	45.0	80.0	62.5
GRIDIRON	35.0	88.3	61.7
GLX STAR	43.3	78.3	60.8
NAI-HEG9	46.7	75.0	60.8
PPG-TF 507	41.7	80.0	60.8
PST-5CHWM	41.7	80.0	60.8
21GPS7	46.7	73.3	60.0
BRAVO 2	40.0	80.0	60.0
CAPITAN	40.0	80.0	60.0
DLF-TF-3880	41.7	78.3	60.0
DYNAMITE 2G-LS (PPG-TF 404)	41.7	78.3	60.0
PRIMO	41.7	78.3	60.0
RAD-TF134	40.0	80.0	60.0
TOP SHELF	40.0	80.0	60.0
VALIANT (PPG-TF 437)	45.0	75.0	60.0
NAI-CEG2	33.3	85.0	59.2
PPG-TF 497	38.3	80.0	59.2
PST-5CHW2	38.3	80.0	59.2
VALKYRIE 2LS (PPG-TF 402)	48.3	70.0	59.2
24FE7105	45.0	73.3	59.2
DLF-TF-3870	40.0	78.3	59.2
DLF-TF-3876	45.0	73.3	59.2
KNOX	40.0	78.3	59.2
PPG-TF 504	40.0	78.3	59.2
PPG-TF 540	35.0	83.3	59.2
BATTLE HAWK	38.3	78.3	58.3
PPG-TF 403	43.3	73.3	58.3
PPG-TF 498	43.3	73.3	58.3
PPG-TF 541	36.7	80.0	58.3
PST-5CHR	38.3	78.3	58.3
EL CAMINO	41.7	73.3	57.5
PPG-TF 500	36.7	78.3	57.5
RAD-TF147	35.0	80.0	57.5
SETFT3	38.3	76.7	57.5
BY-GLS1	33.3	80.0	56.7

TABLE 36.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA 2/

NAME	NC1	NJ1	MEAN
BY-GLS4	38.3	75.0	56.7
FIRECRACKER 2G-LS (PPG-TF 538)	33.3	80.0	56.7
PPG-TF 499	36.7	76.7	56.7
PST-5DFD	38.3	75.0	56.7
PST-5LSM	38.3	75.0	56.7
REJUVENATE	43.3	70.0	56.7
23HEG7	40.0	73.3	56.7
ENDGAME	35.0	78.3	56.7
PRO GOLD	40.0	73.3	56.7
SMG-TF24	45.0	68.3	56.7
BAR FA 408	40.0	71.7	55.8
DLF-TF-3868	45.0	66.7	55.8
DLF-TF-3844	43.3	68.3	55.8
SUPERSONIC 2GL (PPG-TF 493)	33.3	78.3	55.8
BULLSEYE LTZ	43.3	66.7	55.0
DLF-TF-3874	43.3	66.7	55.0
GO-TETF	41.7	68.3	55.0
NAI-SOTF	45.0	65.0	55.0
PADRE 2	43.3	66.7	55.0
PPG-TF 422	31.7	78.3	55.0
PPG-TF 503	41.7	68.3	55.0
PPG-TF 506	31.7	78.3	55.0
PST-R5WG	35.0	75.0	55.0
RAPTOR 4LS (PPG-TF 433)	41.7	68.3	55.0
TORINO	38.3	71.7	55.0
ATLAS	36.7	71.7	54.2
BAR FA 412	36.7	71.7	54.2
FIREHAWK SLT	36.7	71.7	54.2
NAI-GLW3	33.3	75.0	54.2
PPG-TF 405	38.3	70.0	54.2
RAPTOR III	36.7	71.7	54.2
SPYDER 3LS (PPG-TF 399)	40.0	68.3	54.2
XANADU	40.0	68.3	54.2
DLF-TF-3869	40.0	66.7	53.3
DLF-TF-3877	35.0	71.7	53.3
GO-BPTF-T	43.3	63.3	53.3
RAD-TF136	35.0	71.7	53.3
BONFIRE	46.7	60.0	53.3
PPG-TF 435	36.7	70.0	53.3
PPG-TF 475	41.7	65.0	53.3
PST-R5HD6	38.3	68.3	53.3
RAD-TF146	33.3	73.3	53.3
SETF 409	38.3	68.3	53.3
DLF-TF-3867	31.7	73.3	52.5
PPG-TF 505	35.0	70.0	52.5
PPG-TF 508	33.3	71.7	52.5
PPG-TF 477	31.7	71.7	51.7
PST-5LOD	35.0	68.3	51.7
NAI-2413	35.0	66.7	50.8

TABLE 36.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA 2/

NAME	NC1	NJ1	MEAN
NAI-BNTB	38.3	63.3	50.8
22LGT2	40.0	61.7	50.8
23JWL	40.0	61.7	50.8
GO-SH19	36.7	65.0	50.8
PPG-TF 440	46.7	53.3	50.0
REBEL XPEDITION	36.7	63.3	50.0
DLF-TF-3873	40.0	58.3	49.2
DLF-TF-3875	43.3	55.0	49.2
DLF-TF-3872	38.3	55.0	46.7
NAI-21GPS2	31.7	60.0	45.8
LSD VALUE	15.7	18.8	12.3
C.V. (%)	24.6	15.7	18.9

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

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

TABLE 37.

TURF UNIFORMITY RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

TURF UNIFORMITY RATINGS 1-9; 9=COMPLETELY UNIFORM 2/

NAME	OK1	NAME	OK1	NAME	OK1
BGT2	7.0	PPG-TF 405	6.0	PST-5CHWM	5.7
DYNAMITE 2G-LS (PPG-TF 404)	6.7	PPG-TF 440	6.0	PST-R5WG	5.7
FIRECRACKER 2G-LS (PPG-TF 538)	6.7	PPG-TF 475	6.0	SPYDER 3LS (PPG-TF 399)	5.7
NAI-21GPS2	6.7	PPG-TF 507	6.0	22LGT2	5.3
PPG-TF 503	6.7	BST-5DFD	6.0	BAR FA 412	5.3
PPG-TF 504	6.7	PST-5EBP	6.0	BONFIRE	5.3
PVP-LOLA	6.7	PST-5LOD	6.0	BRAVO 2	5.3
21CEG1	6.3	PST-5LSM	6.0	CAPITAN	5.3
23HEG7	6.3	SMG-TF24	6.0	DLF-TF-3844	5.3
23JWL	6.3	SUPERSONIC 2GL (PPG-TF 493)	6.0	DLF-TF-3874	5.3
BULLSEYE LTZ	6.3	VALIANT (PPG-TF 437)	6.0	DLF-TF-3876	5.3
BY-GLS4	6.3	21GPS7	5.7	EASY GREEN	5.3
DLF-TF-3867	6.3	BATTLE HAWK	5.7	ENDGAME	5.3
DLF-TF-3869	6.3	BY-GLS1	5.7	GRIDIRON	5.3
DLF-TF-3870	6.3	DAYBREAK	5.7	LTP-SPP	5.3
DLF-TF-3873	6.3	DLF-TF-3872	5.7	PPG-TF 508	5.3
EL CAMINO	6.3	DLF-TF-3875	5.7	REBEL XPEDITION	5.3
GO-BPTF-T	6.3	DLF-TF-3880	5.7	REJUVENATE	5.3
NAI-GLW3	6.3	DRAGSTER	5.7	SETFT3	5.3
PPG-TF 427	6.3	GO-SH19	5.7	TOP SHELF	5.3
PPG-TF 497	6.3	KNOX	5.7	ATF1832	5.0
PPG-TF 499	6.3	KY-31	5.7	ATLAS	5.0
PPG-TF 500	6.3	NAI-CEG2	5.7	GO-TETF	5.0
PPG-TF 506	6.3	NAI-HEG9	5.7	NAI-BNTB	5.0
PPG-TF 539	6.3	NAI-LGT1	5.7	PRIMO	5.0
PST-R5HD6	6.3	NAI-SOTF	5.7	PST-5CHR	5.0
RAPTOR 4LS (PPG-TF 433)	6.3	PADRE 2	5.7	RAPTOR III	5.0
SETF 409	6.3	PPG-TF 403	5.7	XANADU	5.0
TORINO	6.3	PPG-TF 422	5.7	BAR FA 408	4.3
VALKYRIE 2LS (PPG-TF 402)	6.3	PPG-TF 435	5.7	RAD-TF134	4.3
DLF-TF-3868	6.0	PPG-TF 477	5.7	RAD-TF147	4.0
DLF-TF-3877	6.0	PPG-TF 498	5.7	24FE7105	3.7
FIREHAWK SLT	6.0	PPG-TF 505	5.7	RAD-TF136	3.7
GET 21	6.0	PPG-TF 540	5.7	RAD-TF146	3.7
GLX STAR	6.0	PPG-TF 541	5.7		
LTP-GTM	6.0	PRO GOLD	5.7	LSD VALUE	1.2
NAI-2413	6.0	PST-5CHW2	5.7	C.V. (%)	13.0

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

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

TABLE 38.

SUMMER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/
2025 DATA

SUMMER COLOR RATINGS 1-9; 9=BEST 2/

NAME	OR1	NAME	OR1	NAME	OR1
RAD-TF134	7.3	BGT2	6.3	23JWL	6.0
21GPS7	7.0	BY-GLS1	6.3	ATLAS	6.0
DLF-TF-3867	7.0	BY-GLS4	6.3	BONFIRE	6.0
GO-SH19	7.0	CAPITAN	6.3	BRAVO 2	6.0
PPG-TF 435	7.0	DLF-TF-3844	6.3	BULLSEYE LTZ	6.0
PPG-TF 440	7.0	DLF-TF-3872	6.3	DLF-TF-3870	6.0
PPG-TF 508	7.0	DLF-TF-3874	6.3	DLF-TF-3873	6.0
PPG-TF 541	7.0	DLF-TF-3875	6.3	DRAGSTER	6.0
PST-5CHR	7.0	DLF-TF-3876	6.3	EASY GREEN	6.0
PST-5CHW2	7.0	DLF-TF-3880	6.3	GLX STAR	6.0
RAD-TF136	7.0	EL CAMINO	6.3	LTP-SPP	6.0
RAD-TF147	7.0	FIRECRACKER 2G-LS (PPG-TF 538)	6.3	NAI-2413	6.0
XANADU	7.0	GO-BPTF-T	6.3	NAI-LGT1	6.0
21CEG1	6.7	GO-TETF	6.3	PPG-TF 499	6.0
BAR FA 408	6.7	KNOX	6.3	PPG-TF 539	6.0
BAR FA 412	6.7	NAI-BNTB	6.3	PST-5EBP	6.0
DAYBREAK	6.7	NAI-CEG2	6.3	RAPTOR 4LS (PPG-TF 433)	6.0
DLF-TF-3868	6.7	NAI-GLW3	6.3	SETF 409	6.0
DLF-TF-3869	6.7	NAI-HEG9	6.3	SETFT3	6.0
DYNAMITE 2G-LS (PPG-TF 404)	6.7	PPG-TF 403	6.3	SMG-TF24	6.0
GET 21	6.7	PPG-TF 475	6.3	SPYDER 3LS (PPG-TF 399)	6.0
GRIDIRON	6.7	PPG-TF 497	6.3	TOP SHELF	6.0
LTP-GTM	6.7	PPG-TF 503	6.3	24FE7105	5.7
NAI-21GPS2	6.7	PPG-TF 504	6.3	ATF1832	5.7
PPG-TF 422	6.7	PPG-TF 505	6.3	BATTLE HAWK	5.7
PPG-TF 427	6.7	PPG-TF 506	6.3	ENDGAME	5.7
PPG-TF 477	6.7	PPG-TF 540	6.3	FIREHAWK SLT	5.7
PPG-TF 500	6.7	PRO GOLD	6.3	PADRE 2	5.7
PRIMO	6.7	PST-5CHWM	6.3	PPG-TF 405	5.7
PST-5DFD	6.7	PST-5LOD	6.3	PPG-TF 498	5.7
PST-R5HD6	6.7	PST-5LSM	6.3	PPG-TF 507	5.7
RAD-TF146	6.7	PST-R5WG	6.3	VALIANT (PPG-TF 437)	5.7
RAPTOR III	6.7	PVP-LOLA	6.3	DLF-TF-3877	5.0
REBEL XPEDITION	6.7	SUPERSONIC 2GL (PPG-TF 493)	6.3	KY-31	4.0
REJUVENATE	6.7	TORINO	6.3		
NAI-SOTF	6.5	VALKYRIE 2LS (PPG-TF 402)	6.3	LSD VALUE	1.1
22LGT2	6.3	23HEG7	6.0	C.V. (%)	10.4

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

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

TABLE 39.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	JULY	AUGUST	MEAN
23JWL	9.0	8.7	8.8
PPG-TF 435	8.7	8.7	8.7
DLF-TF-3875	8.7	8.0	8.3
21GPS7	8.3	8.0	8.2
DLF-TF-3868	8.3	8.0	8.2
NAI-CEG2	8.3	8.0	8.2
PPG-TF 427	8.3	8.0	8.2
DLF-TF-3876	8.7	7.3	8.0
NAI-GLW3	8.3	7.7	8.0
PPG-TF 539	8.7	7.3	8.0
DLF-TF-3867	8.3	7.3	7.8
DLF-TF-3874	8.3	7.3	7.8
FIRECRACKER 2G-LS (PPG-TF 538)	8.7	7.0	7.8
NAI-2413	8.3	7.3	7.8
PPG-TF 500	8.3	7.3	7.8
PPG-TF 440	8.7	6.7	7.7
PPG-TF 497	8.0	7.3	7.7
PPG-TF 508	8.0	7.3	7.7
PST-5EBP	8.0	7.3	7.7
SETF 409	8.3	7.0	7.7
BGT2	8.0	7.0	7.5
CAPITAN	8.3	6.7	7.5
PPG-TF 403	8.3	6.7	7.5
PST-5LSM	8.3	6.7	7.5
PVP-LOLA	8.7	6.3	7.5
TORINO	8.3	6.7	7.5
BULLSEYE LTZ	8.3	6.3	7.3
DLF-TF-3873	8.0	6.7	7.3
DLF-TF-3877	8.7	6.0	7.3
GRIDIRON	7.7	7.0	7.3
LTP-GTM	8.3	6.3	7.3
PPG-TF 475	7.7	7.0	7.3
PPG-TF 498	8.0	6.7	7.3
PPG-TF 499	8.3	6.3	7.3
PPG-TF 505	7.7	7.0	7.3
21CEG1	7.3	7.0	7.2
DYNAMITE 2G-LS (PPG-TF 404)	8.3	6.0	7.2
ENDGAME	8.0	6.3	7.2
GET 21	8.0	6.3	7.2
PADRE 2	7.7	6.7	7.2
PPG-TF 405	7.7	6.7	7.2
PPG-TF 504	8.3	6.0	7.2
PPG-TF 540	8.0	6.3	7.2
SUPERSONIC 2GL (PPG-TF 493)	7.7	6.7	7.2
BY-GLS1	7.7	6.3	7.0

TABLE 39.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	JULY	AUGUST	MEAN
DLF-TF-3872	8.0	6.0	7.0
NAI-HEG9	8.0	6.0	7.0
PST-R5HD6	7.7	6.3	7.0
VALIANT (PPG-TF 437)	8.0	6.0	7.0
XANADU	8.0	6.0	7.0
PPG-TF 541	7.0	6.7	6.8
22LGT2	7.0	6.3	6.7
BATTLE HAWK	7.7	5.7	6.7
GO-BPTF-T	7.7	5.7	6.7
PPG-TF 477	8.0	5.3	6.7
PPG-TF 507	7.0	6.3	6.7
PST-5CHR	8.0	5.3	6.7
SPYDER 3LS (PPG-TF 399)	8.3	5.0	6.7
DLF-TF-3869	6.7	6.3	6.5
EASY GREEN	8.0	5.0	6.5
GO-SH19	7.3	5.7	6.5
NAI-21GPS2	7.0	6.0	6.5
VALKYRIE 2LS (PPG-TF 402)	7.3	5.7	6.5
23HEG7	7.0	5.7	6.3
DRAGSTER	7.0	5.7	6.3
NAI-LGT1	7.3	5.3	6.3
PPG-TF 422	7.0	5.7	6.3
BONFIRE	6.3	6.0	6.2
DLF-TF-3844	7.3	5.0	6.2
DLF-TF-3880	7.7	4.7	6.2
EL CAMINO	6.7	5.7	6.2
FIREHAWK SLT	7.3	5.0	6.2
PST-5CHWM	7.3	5.0	6.2
BY-GLS4	7.0	5.0	6.0
LTP-SPP	6.7	5.3	6.0
PST-5CHW2	7.0	5.0	6.0
PST-R5WG	7.0	5.0	6.0
ATLAS	6.7	5.0	5.8
PPG-TF 503	6.7	4.7	5.7
PPG-TF 506	5.7	5.7	5.7
PRO GOLD	6.3	5.0	5.7
RAPTOR 4LS (PPG-TF 433)	6.7	4.3	5.5
SMG-TF24	6.0	5.0	5.5
RAPTOR III	6.0	4.7	5.3
GLX STAR	6.7	3.7	5.2
NAI-BNTB	6.7	3.7	5.2
NAI-SOTF	6.0	4.0	5.0
RAD-TF134	6.0	4.0	5.0
BAR FA 412	6.0	3.7	4.8
SETFT3	6.0	3.7	4.8

TABLE 39.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT NORTH BRUNSWICK, NJ 1/
2025 DATA

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

NAME	JULY	AUGUST	MEAN
BAR FA 408	5.7	3.7	4.7
REBEL XPEDITION	5.3	4.0	4.7
ATF1832	5.7	3.3	4.5
PST-5DFD	5.3	3.7	4.5
DAYBREAK	5.3	3.3	4.3
RAD-TF147	5.7	3.0	4.3
24FE7105	5.0	3.0	4.0
GO-TETF	4.3	3.0	3.7
BRAVO 2	4.3	2.7	3.5
PST-5LOD	3.7	3.3	3.5
RAD-TF146	4.7	2.3	3.5
KNOX	4.7	2.0	3.3
DLF-TF-3870	3.7	2.7	3.2
RAD-TF136	4.3	2.0	3.2
KY-31	3.0	2.3	2.7
TOP SHELF	3.0	1.7	2.3
PRIMO	2.7	1.3	2.0
REJUVENATE	2.7	1.3	2.0
LSD VALUE	3.1	3.0	2.8
C.V. (%)	23.3	30.6	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 40.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2025 DATA

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

NAME	JUNE	JULY	MEAN
PPG-TF 506	6.7	6.7	6.7
21CEG1	7.3	5.7	6.5
BGT2	6.0	7.0	6.5
NAI-HEG9	5.7	7.3	6.5
22LGT2	6.3	6.3	6.3
GRIDIRON	6.7	6.0	6.3
SPYDER 3LS (PPG-TF 399)	6.0	6.7	6.3
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	6.0	6.2
PPG-TF 475	6.0	6.3	6.2
PPG-TF 505	6.7	5.7	6.2
TORINO	5.7	6.7	6.2
VALIANT (PPG-TF 437)	6.3	6.0	6.2
21GPS7	6.0	6.0	6.0
BY-GLS1	5.3	6.7	6.0
LTP-SPP	5.3	6.7	6.0
NAI-CEG2	5.7	6.3	6.0
NAI-LGT1	5.7	6.3	6.0
PST-R5WG	6.3	5.7	6.0
RAPTOR III	6.0	6.0	6.0
23HEG7	6.3	5.3	5.8
23JWL	5.7	6.0	5.8
DLF-TF-3867	6.0	5.7	5.8
GET 21	5.3	6.3	5.8
PPG-TF 499	5.3	6.3	5.8
SMG-TF24	6.0	5.7	5.8
BATTLE HAWK	5.3	6.0	5.7
BONFIRE	5.7	5.7	5.7
DLF-TF-3870	5.3	6.0	5.7
PPG-TF 497	5.7	5.7	5.7
PPG-TF 504	5.7	5.7	5.7
PPG-TF 507	6.3	5.0	5.7
PST-5CHR	6.7	4.7	5.7
PPG-TF 477	6.0	5.0	5.5
SETF 409	6.0	5.0	5.5
VALKYRIE 2LS (PPG-TF 402)	6.0	5.0	5.5
BY-GLS4	5.0	5.7	5.3
CAPITAN	5.3	5.3	5.3
DLF-TF-3872	5.7	5.0	5.3
DYNAMITE 2G-LS (PPG-TF 404)	5.0	5.7	5.3
LTP-GTM	5.0	5.7	5.3
NAI-2413	5.3	5.3	5.3
PPG-TF 440	5.7	5.0	5.3
PPG-TF 498	5.7	5.0	5.3
PPG-TF 500	5.7	5.0	5.3
PPG-TF 503	5.7	5.0	5.3

TABLE 40.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2025 DATA

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

NAME	JUNE	JULY	MEAN
PPG-TF 539	6.0	4.7	5.3
PPG-TF 541	6.0	4.7	5.3
DAYBREAK	5.3	5.0	5.2
DLF-TF-3874	6.0	4.3	5.2
DRAGSTER	6.0	4.3	5.2
EL CAMINO	6.0	4.3	5.2
FIREHAWK SLT	5.0	5.3	5.2
PPG-TF 540	5.3	5.0	5.2
PRO GOLD	5.3	5.0	5.2
PST-5CHWM	5.3	5.0	5.2
SUPERSONIC 2GL (PPG-TF 493)	5.7	4.7	5.2
XANADU	5.3	5.0	5.2
DLF-TF-3868	5.0	5.0	5.0
DLF-TF-3875	5.3	4.7	5.0
DLF-TF-3876	6.0	4.0	5.0
NAI-GLW3	5.7	4.3	5.0
PPG-TF 422	5.3	4.7	5.0
PPG-TF 508	4.7	5.3	5.0
PST-5CHW2	5.3	4.7	5.0
PVP-LOLA	4.3	5.7	5.0
DLF-TF-3844	4.7	5.0	4.8
KY-31	4.7	5.0	4.8
NAI-21GPS2	5.3	4.3	4.8
PPG-TF 405	5.3	4.3	4.8
PST-5EBP	5.0	4.7	4.8
PST-5LSM	5.0	4.7	4.8
GLX STAR	5.3	4.0	4.7
GO-BPTF-T	4.7	4.7	4.7
GO-SH19	5.3	4.0	4.7
PPG-TF 427	5.0	4.3	4.7
PPG-TF 435	6.3	3.0	4.7
PST-5LOD	4.3	5.0	4.7
PST-R5HD6	5.7	3.7	4.7
ATLAS	4.3	4.7	4.5
BULLSEYE LTZ	5.0	4.0	4.5
DLF-TF-3873	4.7	4.3	4.5
DLF-TF-3877	5.3	3.7	4.5
ENDGAME	4.3	4.7	4.5
NAI-BNTB	5.7	3.3	4.5
PADRE 2	4.3	4.7	4.5
PPG-TF 403	4.0	5.0	4.5
RAD-TF134	5.0	4.0	4.5
DLF-TF-3880	4.7	4.0	4.3
GO-TETF	3.7	4.7	4.2
PST-5DFD	3.7	4.7	4.2

TABLE 40.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
AT BLACKSBURG, VA 1/
2025 DATA

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

NAME	JUNE	JULY	MEAN
REJUVENATE	3.3	5.0	4.2
24FE7105	4.7	3.3	4.0
DLF-TF-3869	4.0	4.0	4.0
EASY GREEN	5.0	3.0	4.0
KNOX	3.3	4.7	4.0
RAD-TF146	5.0	3.0	4.0
RAPTOR 4LS (PPG-TF 433)	4.3	3.7	4.0
ATF1832	4.3	3.3	3.8
BAR FA 408	4.3	3.3	3.8
BRAVO 2	3.7	4.0	3.8
SETFT3	4.0	3.7	3.8
RAD-TF136	4.3	3.0	3.7
RAD-TF147	3.7	3.7	3.7
REBEL XPEDITION	4.3	3.0	3.7
NAI-SOTF	3.7	3.0	3.3
PRIMO	2.7	4.0	3.3
BAR FA 412	3.7	2.7	3.2
TOP SHELF	3.3	2.7	3.0
LSD VALUE	2.3	2.5	1.6
C.V. (%)	20.8	25.5	17.3

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

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

TABLE 41.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT WEST LAFAYETTE, IN 1/
2025 DATA

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

NAME	OCTOBER 24	NOVEMBER 24	MEAN
SPYDER 3LS (PPG-TF 399)	6.7	6.7	6.7
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	6.7	6.5
LTP-SPP	6.7	6.3	6.5
PPG-TF 427	6.0	7.0	6.5
PPG-TF 435	6.3	6.7	6.5
RAD-TF147	6.3	6.7	6.5
DLF-TF-3873	6.7	6.0	6.3
DLF-TF-3880	6.0	6.7	6.3
DYNAMITE 2G-LS (PPG-TF 404)	6.3	6.3	6.3
NAI-21GPS2	6.7	6.0	6.3
PPG-TF 422	6.7	6.0	6.3
PPG-TF 475	6.3	6.3	6.3
23HEG7	6.3	6.0	6.2
BY-GLS1	6.3	6.0	6.2
DLF-TF-3869	6.0	6.3	6.2
ENDGAME	6.3	6.0	6.2
GO-SH19	6.3	6.0	6.2
NAI-SOTF	6.3	6.0	6.2
PPG-TF 405	6.3	6.0	6.2
PPG-TF 440	6.7	5.7	6.2
PPG-TF 503	6.0	6.3	6.2
PPG-TF 540	6.0	6.3	6.2
PVP-LOLA	6.3	6.0	6.2
RAPTOR III	6.3	6.0	6.2
REJUVENATE	6.0	6.3	6.2
VALKYRIE 2LS (PPG-TF 402)	6.0	6.3	6.2
23JWL	6.3	5.7	6.0
ATF1832	5.7	6.3	6.0
BY-GLS4	6.7	5.3	6.0
DLF-TF-3875	5.7	6.3	6.0
GET 21	5.7	6.3	6.0
NAI-CEG2	6.0	6.0	6.0
PPG-TF 477	6.3	5.7	6.0
PPG-TF 498	6.3	5.7	6.0
PPG-TF 505	6.3	5.7	6.0
PPG-TF 507	6.3	5.7	6.0
PPG-TF 508	6.0	6.0	6.0
PPG-TF 541	6.0	6.0	6.0
PRIMO	5.7	6.3	6.0
RAD-TF136	6.3	5.7	6.0
RAD-TF146	6.3	5.7	6.0
VALIANT (PPG-TF 437)	5.7	6.3	6.0
BATTLE HAWK	6.0	5.7	5.8
CAPTAN	5.7	6.0	5.8
DLF-TF-3844	6.0	5.7	5.8

TABLE 41.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT WEST LAFAYETTE, IN 1/
2025 DATA

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

NAME	OCTOBER 24	NOVEMBER 24	MEAN
DLF-TF-3870	5.7	6.0	5.8
DLF-TF-3874	6.0	5.7	5.8
DLF-TF-3877	6.0	5.7	5.8
EL CAMINO	5.7	6.0	5.8
GO-TETF	6.0	5.7	5.8
LTP-GTM	5.3	6.3	5.8
NAI-GLW3	6.0	5.7	5.8
PPG-TF 403	5.7	6.0	5.8
PPG-TF 500	5.7	6.0	5.8
PPG-TF 504	5.7	6.0	5.8
PST-5DFD	6.0	5.7	5.8
PST-5LOD	5.7	6.0	5.8
RAD-TF134	6.0	5.7	5.8
TORINO	5.7	6.0	5.8
21CEG1	5.7	5.7	5.7
21GPS7	5.3	6.0	5.7
22LGT2	5.3	6.0	5.7
DAYBREAK	5.3	6.0	5.7
DLF-TF-3867	6.0	5.3	5.7
EASY GREEN	5.3	6.0	5.7
FIREHAWK SLT	5.7	5.7	5.7
GO-BPTF-T	6.0	5.3	5.7
PPG-TF 506	5.3	6.0	5.7
PPG-TF 539	5.7	5.7	5.7
PRO GOLD	5.7	5.7	5.7
RAPTOR 4LS (PPG-TF 433)	5.7	5.7	5.7
SETF 409	5.7	5.7	5.7
ATLAS	5.7	5.3	5.5
BAR FA 408	5.3	5.7	5.5
BGT2	5.7	5.3	5.5
BRAVO 2	5.0	6.0	5.5
DLF-TF-3872	5.0	6.0	5.5
DLF-TF-3876	5.7	5.3	5.5
GLX STAR	5.0	6.0	5.5
GRIDIRON	5.7	5.3	5.5
PST-5CHWM	5.3	5.7	5.5
PST-5LSM	5.3	5.7	5.5
SUPERSONIC 2GL (PPG-TF 493)	5.3	5.7	5.5
TOP SHELF	5.0	6.0	5.5
XANADU	5.7	5.3	5.5
BULLSEYE LTZ	5.3	5.3	5.3
DLF-TF-3868	5.0	5.7	5.3
DRAGSTER	5.3	5.3	5.3
NAI-2413	5.3	5.3	5.3
PPG-TF 497	5.0	5.7	5.3

TABLE 41.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT WEST LAFAYETTE, IN 1/
2025 DATA

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

NAME	OCTOBER 24	NOVEMBER 24	MEAN
PST-5EBP	4.7	6.0	5.3
NAI-BNTB	5.0	5.3	5.2
NAI-LGT1	5.7	4.7	5.2
PADRE 2	5.0	5.3	5.2
PPG-TF 499	5.0	5.3	5.2
SMG-TF24	5.3	5.0	5.2
BAR FA 412	4.3	5.7	5.0
NAI-HEG9	5.0	5.0	5.0
PST-5CHW2	4.3	5.7	5.0
PST-R5WG	5.0	5.0	5.0
REBEL XPEDITION	5.0	5.0	5.0
SETFT3	5.0	5.0	5.0
24FE7105	5.3	4.3	4.8
KNOX	4.7	5.0	4.8
PST-R5HD6	5.3	4.3	4.8
BONFIRE	4.3	4.0	4.2
PST-5CHR	4.7	3.7	4.2
KY-31	3.3	4.0	3.7
LSD VALUE	1.4	1.7	1.2
C.V. (%)	12.7	13.1	10.4

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

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

TABLE 42.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT STILLWATER, OK 1/
2024 DATA

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

NAME	NOVEMBER 24	DECEMBER 24	MEAN
BULLSEYE LTZ	6.3	5.3	5.8
DRAGSTER	6.0	5.7	5.8
ENDGAME	6.3	5.3	5.8
PPG-TF 507	6.3	5.3	5.8
PPG-TF 475	5.7	5.7	5.7
PPG-TF 497	6.0	5.3	5.7
SPYDER 3LS (PPG-TF 399)	6.0	5.3	5.7
ATF1832	6.0	5.0	5.5
DLF-TF-3875	6.0	5.0	5.5
DLF-TF-3877	6.0	5.0	5.5
EL CAMINO	5.7	5.3	5.5
PADRE 2	5.7	5.3	5.5
PPG-TF 405	6.0	5.0	5.5
RAD-TF147	6.0	5.0	5.5
SETF 409	5.7	5.3	5.5
TORINO	6.3	4.7	5.5
BGT2	5.7	5.0	5.3
BY-GLS4	5.7	5.0	5.3
DLF-TF-3869	6.0	4.7	5.3
DLF-TF-3874	6.0	4.7	5.3
DLF-TF-3880	6.0	4.7	5.3
RAD-TF146	6.0	4.7	5.3
TOP SHELF	6.0	4.7	5.3
23HEG7	5.7	4.7	5.2
24FE7105	5.7	4.7	5.2
DLF-TF-3844	5.7	4.7	5.2
DLF-TF-3867	5.3	5.0	5.2
DLF-TF-3872	5.7	4.7	5.2
DLF-TF-3873	5.3	5.0	5.2
DLF-TF-3876	5.3	5.0	5.2
GO-SH19	5.7	4.7	5.2
KNOX	6.0	4.3	5.2
LTP-GTM	5.7	4.7	5.2
NAI-HEG9	5.3	5.0	5.2
NAI-SOTF	5.7	4.7	5.2
PPG-TF 498	5.7	4.7	5.2
PPG-TF 499	5.7	4.7	5.2
PPG-TF 503	5.3	5.0	5.2
PPG-TF 504	5.7	4.7	5.2
PRIMO	5.7	4.7	5.2
RAPTOR 4LS (PPG-TF 433)	5.7	4.7	5.2
VALKYRIE 2LS (PPG-TF 402)	5.7	4.7	5.2
XANADU	5.3	5.0	5.2
21GPS7	5.3	4.7	5.0
ATLAS	5.3	4.7	5.0

TABLE 42.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT STILLWATER, OK 1/
2024 DATA

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

NAME	NOVEMBER 24	DECEMBER 24	MEAN
BAR FA 408	5.3	4.7	5.0
BRAVO 2	5.7	4.3	5.0
DLF-TF-3870	5.3	4.7	5.0
DYNAMITE 2G-LS (PPG-TF 404)	5.3	4.7	5.0
FIREHAWK SLT	5.0	5.0	5.0
NAI-21GPS2	5.7	4.3	5.0
NAI-BNTB	5.3	4.7	5.0
NAI-CEG2	5.3	4.7	5.0
PPG-TF 403	5.3	4.7	5.0
PPG-TF 427	5.0	5.0	5.0
PPG-TF 435	5.7	4.3	5.0
PPG-TF 506	5.7	4.3	5.0
PPG-TF 541	5.3	4.7	5.0
PST-5EBP	5.7	4.3	5.0
PVP-LOLA	5.7	4.3	5.0
REBEL XPEDITION	5.3	4.7	5.0
SMG-TF24	5.7	4.3	5.0
SUPERSONIC 2GL (PPG-TF 493)	5.3	4.7	5.0
VALIANT (PPG-TF 437)	5.7	4.3	5.0
21CEG1	5.3	4.3	4.8
23JWL	5.3	4.3	4.8
BATTLE HAWK	5.3	4.3	4.8
BONFIRE	5.3	4.3	4.8
CAPITAN	5.3	4.3	4.8
FIRECRACKER 2G-LS (PPG-TF 538)	5.7	4.0	4.8
GLX STAR	5.3	4.3	4.8
GO-BPTF-T	5.0	4.7	4.8
GRIDIRON	5.3	4.3	4.8
NAI-2413	5.3	4.3	4.8
NAI-GLW3	5.0	4.7	4.8
NAI-LGT1	5.0	4.7	4.8
PPG-TF 422	5.3	4.3	4.8
PPG-TF 440	5.0	4.7	4.8
PPG-TF 508	5.3	4.3	4.8
PPG-TF 539	5.3	4.3	4.8
PST-5CHW2	5.3	4.3	4.8
PST-5LSM	5.3	4.3	4.8
BAR FA 412	5.0	4.3	4.7
BY-GLS1	5.0	4.3	4.7
DAYBREAK	5.0	4.3	4.7
EASY GREEN	5.0	4.3	4.7
GO-TETF	5.0	4.3	4.7
PST-5CHWM	5.0	4.3	4.7
PST-R5HD6	5.0	4.3	4.7
RAD-TF134	5.0	4.3	4.7

TABLE 42.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
AT STILLWATER, OK 1/
2024 DATA

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

NAME	NOVEMBER 24	DECEMBER 24	MEAN
RAD-TF136	5.3	4.0	4.7
RAPTOR III	5.0	4.3	4.7
REJUVENATE	5.0	4.3	4.7
SETFT3	5.0	4.3	4.7
DLF-TF-3868	5.0	4.0	4.5
GET 21	5.0	4.0	4.5
LTP-SPP	5.0	4.0	4.5
PPG-TF 477	5.0	4.0	4.5
PPG-TF 500	5.0	4.0	4.5
PPG-TF 505	5.0	4.0	4.5
PPG-TF 540	4.7	4.3	4.5
PRO GOLD	5.0	4.0	4.5
PST-5CHR	5.0	4.0	4.5
PST-5DFD	5.0	4.0	4.5
PST-5LOD	5.3	3.7	4.5
PST-R5WG	4.7	4.3	4.5
22LGT2	4.3	4.3	4.3
KY-31	4.0	4.0	4.0
LSD VALUE	3.7	3.2	3.2
C.V. (%)	14.0	15.2	13.1

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

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

TABLE 43.

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
 AT MANHATTAN, KS 2/
 2024 DATA

NAME	ESTABLISHMENT DAYS AFTER PLANTING			MEAN
	14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	
LTP-SPP	40.0	88.3	99.0	75.8
BRAVO 2	40.0	85.0	99.0	74.7
FIRECRACKER 2G-LS (PPG-TF 538)	41.7	83.3	99.0	74.7
KY-31	41.7	83.3	99.0	74.7
LTP-GTM	43.3	81.7	99.0	74.7
PPG-TF 539	41.7	83.3	99.0	74.7
PVP-LOLA	41.7	83.3	99.0	74.7
GET 21	41.7	81.7	99.0	74.1
GLX STAR	40.0	84.0	98.3	74.1
ATF1832	38.3	83.3	99.0	73.6
ENDGAME	40.0	81.7	98.7	73.4
RAD-TF134	38.3	81.7	99.0	73.0
ATLAS	38.3	80.0	99.0	72.4
BY-GLS4	38.3	80.0	99.0	72.4
DLF-TF-3877	38.3	80.0	99.0	72.4
RAPTOR III	36.7	81.7	99.0	72.4
EL CAMINO	38.3	79.3	99.0	72.2
GRIDIRON	38.3	79.3	98.7	72.1
PST-5CHWM	38.3	78.3	99.0	71.9
PST-5DFD	35.0	81.7	99.0	71.9
TOP SHELF	40.0	76.7	98.7	71.8
TORINO	38.3	77.7	99.0	71.7
BY-GLS1	36.7	78.3	99.0	71.3
DLF-TF-3869	36.7	79.3	98.0	71.3
PPG-TF 497	36.7	78.3	99.0	71.3
PST-5EBP	36.7	79.3	98.0	71.3
EASY GREEN	36.7	78.3	98.7	71.2
REJUVENATE	36.7	78.3	98.7	71.2
NAI-BNTB	35.0	79.3	98.7	71.0
NAI-HEG9	36.7	76.7	99.0	70.8
RAD-TF136	36.7	78.3	97.3	70.8
RAD-TF147	36.7	76.7	99.0	70.8
DLF-TF-3844	38.3	75.0	98.7	70.7
PRO GOLD	36.7	76.3	98.3	70.4
SMG-TF24	35.0	78.3	98.0	70.4
21CEG1	36.7	75.0	98.7	70.1
PPG-TF 422	36.7	75.0	98.7	70.1
PPG-TF 503	38.3	73.3	98.3	70.0
PPG-TF 499	35.0	76.7	98.0	69.9
DLF-TF-3876	33.3	76.7	99.0	69.7
SETFT3	35.0	75.0	99.0	69.7
DLF-TF-3880	35.0	75.0	98.7	69.6
PPG-TF 507	36.7	73.3	98.7	69.6
DAYBREAK	36.7	73.3	98.3	69.4
DLF-TF-3872	36.7	73.3	98.3	69.4
FIREHAWK SLT	35.0	75.0	98.3	69.4
DLF-TF-3868	38.3	71.7	98.0	69.3

TABLE 43.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT MANHATTAN, KS 2/
2024 DATA

NAME	ESTABLISHMENT DAYS AFTER PLANTING			MEAN
	14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	
NAI-CEG2	36.7	73.3	97.7	69.2
SPYDER 3LS (PPG-TF 399)	33.3	76.7	97.7	69.2
NAI-21GPS2	35.0	73.3	99.0	69.1
PPG-TF 504	35.0	73.3	99.0	69.1
PPG-TF 540	36.7	71.7	99.0	69.1
PST-R5WG	31.7	77.7	98.0	69.1
23HEG7	35.0	73.3	98.7	69.0
DLF-TF-3873	35.0	73.3	98.7	69.0
DYNAMITE 2G-LS (PPG-TF 404)	33.3	75.0	98.7	69.0
NAI-LGT1	36.7	71.7	98.3	68.9
RAD-TF146	35.0	73.3	98.0	68.8
23JWL	35.0	73.3	97.7	68.7
PPG-TF 440	36.7	71.7	97.7	68.7
DLF-TF-3867	35.0	71.7	99.0	68.6
PPG-TF 541	36.7	70.0	99.0	68.6
RAPTOR 4LS (PPG-TF 433)	35.0	71.7	99.0	68.6
VALIANT (PPG-TF 437)	33.3	75.0	97.3	68.6
NAI-2413	35.0	71.7	98.7	68.4
PPG-TF 500	33.3	73.3	98.7	68.4
PPG-TF 505	33.3	73.3	98.7	68.4
PST-5CHW2	33.3	73.3	98.7	68.4
SUPERSONIC 2GL (PPG-TF 493)	35.0	71.7	98.3	68.3
BAR FA 408	31.7	75.0	98.0	68.2
DLF-TF-3875	36.7	71.7	96.3	68.2
PPG-TF 498	35.0	71.7	98.0	68.2
PPG-TF 508	35.0	71.7	97.7	68.1
DLF-TF-3870	35.0	71.7	97.3	68.0
DRAGSTER	33.3	71.7	98.7	67.9
PPG-TF 477	33.3	71.7	98.7	67.9
PST-5LOD	33.3	71.7	98.7	67.9
CAPITAN	33.3	71.7	98.0	67.7
NAI-GLW3	35.0	70.0	98.0	67.7
PPG-TF 475	31.7	73.3	98.0	67.7
SETF 409	33.3	71.7	98.0	67.7
PADRE 2	35.0	70.0	97.7	67.6
PPG-TF 403	35.0	70.0	97.7	67.6
PPG-TF 405	33.3	71.7	97.7	67.6
BGT2	33.3	71.7	97.3	67.4
PPG-TF 435	33.3	70.0	99.0	67.4
NAI-SOTF	33.3	70.0	98.7	67.3
GO-SH19	35.0	68.3	98.0	67.1
GO-TETF	35.0	68.3	97.7	67.0
REBEL XPEDITION	33.3	70.0	97.3	66.9
DLF-TF-3874	33.3	70.0	97.0	66.8
GO-BPTF-T	31.7	71.7	97.0	66.8
PPG-TF 427	30.0	71.7	98.7	66.8
21GPS7	31.7	70.0	98.3	66.7

TABLE 43.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT MANHATTAN, KS 2/
2024 DATA

NAME	ESTABLISHMENT DAYS AFTER PLANTING			MEAN
	14 DAYS 9/25/24	28 DAYS 10/9/24	55 DAYS 11/5/24	
PST-5LSM	33.3	68.3	98.3	66.7
PPG-TF 506	33.3	68.3	98.0	66.6
VALKYRIE 2LS (PPG-TF 402)	30.0	71.7	98.0	66.6
22LGT2	33.3	68.3	97.7	66.4
24FE7105	31.7	70.0	97.7	66.4
PRIMO	31.7	70.0	96.7	66.1
BAR FA 412	31.7	68.3	98.0	66.0
PST-R5HD6	30.0	70.0	97.7	65.9
BULLSEYE LTZ	31.7	66.7	98.3	65.6
BONFIRE	30.0	69.3	96.0	65.1
KNOX	30.0	68.3	97.0	65.1
XANADU	28.3	68.3	98.0	64.9
BATTLE HAWK	30.0	65.0	98.3	64.4
PST-5CHR	26.7	68.3	96.7	63.9
LSD VALUE	8.2	18.7	5.7	8.0
C.V. (%)	11.0	9.3	1.2	5.0

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 44. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
AT STILLWATER, OK 2/
2025 DATA

NAME	2 WEEKS	3 WEEKS	4 WEEKS	8 WEEKS	MEAN
GET 21	40.7	59.3	71.7	64.7	59.1
LTP-GTM	31.7	59.3	73.7	70.3	58.8
FIRECRACKER 2G-LS (PPG-TF 538)	28.3	63.3	75.0	67.3	58.5
BGT2	31.7	60.0	70.0	67.7	57.3
KY-31	35.7	55.0	68.7	66.0	56.3
TORINO	28.3	55.7	66.7	73.0	55.9
23HEG7	21.7	58.3	70.3	71.7	55.5
PPG-TF 427	25.7	58.0	68.0	70.0	55.4
EL CAMINO	26.7	57.3	67.7	69.3	55.3
NAI-HEG9	28.0	55.0	65.3	71.3	54.9
NAI-CEG2	30.0	51.7	67.3	70.0	54.8
PST-5EBP	30.0	55.0	66.3	67.7	54.8
24FE7105	24.0	52.7	68.0	73.3	54.5
SETF 409	26.7	53.3	69.0	69.0	54.5
PPG-TF 498	23.3	55.0	70.0	69.3	54.4
DLF-TF-3880	25.0	51.7	70.0	70.3	54.3
PPG-TF 541	27.3	55.0	66.3	67.7	54.1
PPG-TF 435	28.0	53.3	68.7	66.0	54.0
DLF-TF-3867	26.7	56.7	65.3	66.3	53.8
PRO GOLD	23.7	55.0	70.3	66.0	53.8
RAD-TF146	23.3	56.7	70.0	64.7	53.7
BULLSEYE LTZ	25.3	53.3	63.7	71.7	53.5
DLF-TF-3869	21.7	55.0	64.7	72.7	53.5
PPG-TF 507	25.7	50.0	66.0	72.3	53.5
PVP-LOLA	26.0	52.7	68.0	67.0	53.4
BATTLE HAWK	26.0	53.3	64.3	69.7	53.3
NAI-GLW3	30.7	52.7	64.3	65.3	53.3
DRAGSTER	21.7	55.0	63.7	72.0	53.1
GRIDIRON	26.7	53.3	65.3	67.0	53.1
PPG-TF 540	26.7	55.0	70.0	60.3	53.0
RAD-TF134	30.0	55.0	63.7	63.3	53.0
21CEG1	22.3	53.7	67.7	67.3	52.8
BY-GLS4	23.0	51.7	66.0	70.7	52.8
PPG-TF 506	23.3	55.0	66.0	66.7	52.8
NAI-BNTB	30.7	53.3	65.0	60.7	52.4
NAI-LGT1	26.0	54.3	63.3	66.0	52.4
PPG-TF 403	23.3	56.7	62.7	67.0	52.4
PPG-TF 499	25.0	55.0	64.0	65.7	52.4
RAPTOR III	25.0	51.7	65.3	67.7	52.4
ATF1832	23.7	52.3	62.0	71.0	52.3
PPG-TF 422	26.7	51.7	62.0	68.7	52.3
PPG-TF 539	28.0	55.0	57.7	68.7	52.3
SUPERSONIC 2GL (PPG-TF 493)	27.3	53.3	63.7	64.7	52.3
DLF-TF-3872	22.7	53.3	63.3	69.3	52.2
EASY GREEN	24.0	56.7	62.3	65.7	52.2
RAD-TF147	22.3	53.3	67.7	65.3	52.2
ATLAS	24.3	55.0	60.7	68.0	52.0

TABLE 44. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT STILLWATER, OK 2/
2025 DATA

NAME	2 WEEKS	3 WEEKS	4 WEEKS	8 WEEKS	MEAN
PST-R5WG	21.7	52.7	68.3	65.3	52.0
GO-SH19	25.0	53.3	62.3	67.0	51.9
SMG-TF24	24.3	50.0	67.3	66.0	51.9
SETFT3	25.7	55.0	64.7	62.0	51.8
PST-5CHW2	23.3	53.3	67.7	62.0	51.6
ENDGAME	21.7	48.3	64.3	71.7	51.5
CAPITAN	26.7	51.7	58.7	68.3	51.3
RAPTOR 4LS (PPG-TF 433)	25.0	50.0	63.3	66.3	51.2
KNOX	28.3	55.0	60.7	60.0	51.0
PPG-TF 405	22.7	51.7	64.0	65.7	51.0
PPG-TF 508	21.7	50.7	64.3	67.3	51.0
21GPS7	21.7	51.7	59.3	70.3	50.8
GO-TETF	24.7	50.0	63.7	64.7	50.8
PPG-TF 500	27.3	51.0	63.0	61.7	50.8
DLF-TF-3870	25.0	51.7	57.0	69.0	50.7
23JWL	26.7	48.3	63.7	63.7	50.6
GLX STAR	21.7	53.3	61.7	65.7	50.6
NAI-SOTF	23.7	50.0	61.7	67.0	50.6
DLF-TF-3844	23.3	48.3	61.0	69.3	50.5
LTP-SPP	26.7	51.0	61.3	63.0	50.5
VALKYRIE 2LS (PPG-TF 402)	23.3	51.0	61.0	66.3	50.4
BY-GLS1	24.0	53.7	59.7	63.7	50.3
DAYBREAK	26.7	53.3	60.7	60.3	50.3
DLF-TF-3868	26.7	46.7	64.3	63.3	50.3
NAI-21GPS2	25.0	48.3	61.0	66.7	50.3
DLF-TF-3877	23.3	48.3	59.3	69.7	50.2
GO-BPTF-T	25.0	51.7	59.7	64.3	50.2
SPYDER 3LS (PPG-TF 399)	21.3	50.0	59.3	69.7	50.1
22LGT2	25.0	48.3	60.7	65.7	49.9
PPG-TF 504	25.0	48.3	61.0	65.3	49.9
PRIMO	26.7	46.7	60.3	65.7	49.8
PST-5DFD	24.0	46.7	64.0	64.0	49.7
DLF-TF-3874	22.3	46.7	61.3	68.0	49.6
VALIANT (PPG-TF 437)	25.7	48.3	59.7	64.7	49.6
DLF-TF-3873	25.0	46.0	60.0	66.3	49.3
REJUVENATE	26.3	48.3	60.7	61.3	49.2
PST-5LSM	24.0	50.0	60.7	61.7	49.1
PPG-TF 440	25.0	46.7	59.3	64.7	48.9
DLF-TF-3875	19.3	48.3	60.3	67.3	48.8
PPG-TF 497	21.7	45.0	56.7	70.7	48.5
REBEL XPEDITION	26.7	49.3	60.3	57.7	48.5
TOP SHELF	21.7	43.3	61.0	68.0	48.5
PPG-TF 505	18.0	53.3	63.0	58.3	48.2
PPG-TF 475	18.3	46.7	59.3	67.3	47.9
NAI-2413	21.7	41.7	61.7	66.0	47.8
DLF-TF-3876	20.0	43.3	58.3	68.0	47.4
PPG-TF 503	26.0	46.7	54.7	62.3	47.4

TABLE 44. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/
(CONT'D) AT STILLWATER, OK 2/
2025 DATA

NAME	2 WEEKS	3 WEEKS	4 WEEKS	8 WEEKS	MEAN
BAR FA 412	17.7	51.7	60.7	59.3	47.3
PST-R5HD6	19.3	48.3	58.7	63.0	47.3
FIREHAWK SLT	20.0	46.7	58.0	63.7	47.1
RAD-TF136	20.0	46.7	62.3	59.0	47.0
BRAVO 2	24.3	46.0	54.3	62.7	46.8
DYNAMITE 2G-LS (PPG-TF 404)	20.0	47.3	58.0	62.0	46.8
PPG-TF 477	21.0	48.3	59.0	57.3	46.4
PST-5CHR	19.3	50.0	58.7	57.3	46.3
XANADU	20.0	46.7	52.0	65.7	46.1
BONFIRE	20.0	48.3	52.7	61.0	45.5
BAR FA 408	19.3	45.0	56.7	60.7	45.4
PST-5CHWM	21.7	42.7	54.3	62.3	45.3
PADRE 2	15.0	40.0	55.0	68.7	44.7
PST-5LOD	19.7	43.3	56.3	58.0	44.3
LSD VALUE	17.8	23.0	13.6	32.2	14.9
C.V. (%)	23.2	13.0	9.5	10.2	9.1

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

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

APPENDIX TABLE.

SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS */
2025 DATA

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

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/	NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
21CEG1	6.3	38.9	KY-31	4.3	5.6
21GPS7	6.3	38.9	LTP-GTM	6.3	38.9
22LGT2	6.2	22.2	LTP-SPP	6.2	33.3
23HEG7	6.1	5.6	NAI-21GPS2	6.3	33.3
23JWL	6.3	55.6	NAI-2413	5.9	11.1
24FE7105	5.4	5.6	NAI-BNTB	5.8	11.1
ATF1832	5.4	5.6	NAI-CEG2	6.3	38.9
ATLAS	5.6	0.0	NAI-GLW3	6.1	16.7
BAR FA 408	5.6	5.6	NAI-HEG9	6.2	33.3
BAR FA 412	5.6	11.1	NAI-LGT1	6.2	38.9
BATTLE HAWK	6.0	16.7	NAI-SOTF	5.9	16.7
BGT2	6.2	22.2	PADRE 2	6.0	5.6
BONFIRE	5.8	0.0	PPG-TF 403	6.2	27.8
BRAVO 2	5.7	11.1	PPG-TF 405	6.1	22.2
BULLSEYE LTZ	6.2	33.3	PPG-TF 422	6.3	50.0
BY-GLS1	6.2	27.8	PPG-TF 427	6.3	50.0
BY-GLS4	6.1	27.8	PPG-TF 435	6.5	61.1
CAPITAN	6.1	16.7	PPG-TF 440	6.3	50.0
DAYBREAK	6.0	5.6	PPG-TF 475	6.3	33.3
DLF-TF-3844	6.1	11.1	PPG-TF 477	6.2	33.3
DLF-TF-3867	6.3	22.2	PPG-TF 497	6.4	55.6
DLF-TF-3868	6.0	0.0	PPG-TF 498	6.3	38.9
DLF-TF-3869	6.3	44.4	PPG-TF 499	6.3	44.4
DLF-TF-3870	6.2	38.9	PPG-TF 500	6.3	38.9
DLF-TF-3872	6.1	11.1	PPG-TF 503	6.3	38.9
DLF-TF-3873	6.0	5.6	PPG-TF 504	6.2	33.3
DLF-TF-3874	6.1	33.3	PPG-TF 505	6.4	44.4
DLF-TF-3875	6.0	5.6	PPG-TF 506	6.3	55.6
DLF-TF-3876	6.2	22.2	PPG-TF 507	6.4	61.1
DLF-TF-3877	6.3	27.8	PPG-TF 508	6.4	61.1
DLF-TF-3880	6.1	16.7	PPG-TF 539	6.2	33.3
DRAGSTER	6.1	27.8	PPG-TF 540	6.1	16.7
DYNAMITE 2G-LS (PPG-TF 404)	6.2	16.7	PPG-TF 541	6.3	27.8
EASY GREEN	5.6	16.7	PRIMO	5.4	11.1
EL CAMINO	6.1	27.8	PRO GOLD	5.6	0.0
ENDGAME	6.1	16.7	PST-5CHR	5.7	0.0
FIRECRACKER 2G-LS (PPG-TF 538)	6.3	44.4	PST-5CHW2	5.9	16.7
FIREHAWK SLT	6.0	11.1	PST-5CHWM	5.9	16.7
GET 21	6.3	38.9	PST-5DFD	5.8	11.1
GLX STAR	5.8	16.7	PST-5EBP	5.9	11.1
GO-BPTF-T	5.9	11.1	PST-5LOD	5.8	11.1
GO-SH19	6.0	11.1	PST-5LSM	5.8	5.6
GO-TETF	5.8	0.0	PST-R5HD6	5.7	11.1
GRIDIRON	6.1	22.2	PST-R5WG	6.0	22.2
KNOX	5.6	0.0	PVP-LOLA	6.2	38.9

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS
(CONT'D) 2025 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
RAD-TF134	5.8	16.7
RAD-TF136	5.3	11.1
RAD-TF146	5.5	11.1
RAD-TF147	5.5	22.2
RAPTOR 4LS (PPG-TF 433)	6.3	27.8
RAPTOR III	6.0	11.1
REBEL XPEDITION	5.2	0.0
REJUVENATE	5.3	5.6
SETF 409	6.2	27.8
SETFT3	5.8	5.6
SMG-TF24	5.7	16.7
SPYDER 3LS (PPG-TF 399)	6.4	44.4
SUPERSONIC 2GL (PPG-TF 493)	6.0	33.3
TOP SHELF	5.5	16.7
TORINO	6.4	50.0
VALIANT (PPG-TF 437)	6.3	33.3
VALKYRIE 2LS (PPG-TF 402)	6.4	50.0
XANADU	5.9	0.0
LSD VALUE	0.2	
C.V. (%)	9.7	

- */ 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.