

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. Sean Chaney, DLF North America
Mr. Micah Gould, Barenbrug USA.
Dr. Cole Thompson, USGA Green Section
Dr. Barry Stewart, Mississippi State University
Dr. Alec Kowalewski, Oregon State University
Mr. Mike Selman, Buena Vista Turf Farm
Mr. Mark Johnson, Golf Course Superintendents Assoc. of America
Dr. Doug Soldat, University of Wisconsin
Mr. Austin Fricker, Pure-Seed Testing, Inc.
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
kmmorris@ntep.org

CONTENTS

2017 National Kentucky Bluegrass Test - 2018-2022 data

LOCATIONS SUBMITTING DATA FOR 2018-2022.....	1
NATIONAL KENTUCKY BLUEGRASS TEST, 2017 - Entries and Sponsors.....	2
Table A - 2018-2022 Locations, Site Descriptions and Management Practices in the 2017 National Kentucky Bluegrass Test.....	4
Table B - Locations and Data Collected in 2018-2022.....	5
Table 1 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 1 (2018 Data).....	8
Table 2 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 2 (2018 Data).....	10
Table 3 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 3 (2018 Data).....	12
Table 4 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 1 (2019 Data).....	14
Table 5 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 2 (2019 Data).....	16
Table 6 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 3 (2019 Data).....	18
Table 7 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 1 (2020 Data).....	19
Table 8 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 2 (2020 Data).....	21
Table 9 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 3 (2020 Data).....	23
Table 10- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 4 (2020 Data).....	25
Table 11- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 1 (2021 Data).....	27
Table 12- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 2 (2021 Data).....	29
Table 13- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 3 (2021 Data).....	31
Table 14- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 4 (2021 Data).....	33
Table 15- Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 1 (2022 Data).....	35

CONTENTS (continued)

Table 16-	Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown in Location Performance Index Group 2 (2022 Data).....	37
Table 17-	Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown at Twelve Locations in the US Maintained Using "Schedule A".....	39
Table 18-	Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown at Five Locations in the US Maintained Using "Schedule B".....	41
Table 19-	Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown at Three Locations in the Northeast Region.....	43
Table 20-	Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown at Seven Locations in the Transition Region	45
Table 21-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown at Six Locations in the North Central Region.....	47
Table 22-	Mean Turfgrass Monthly Quality Ratings of Kentucky Bluegrass Cultivars Grown at Logan, UT	49
Table 23-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress at Fayetteville, AR.....	51
Table 24-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress at Amherst, MA.....	57
Table 25A-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress (Spring) at New Brunswick, NJ.....	59
Table 25B-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress (Summer) at New Brunswick, NJ.....	63
Table 25C-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress (Fall) at New Brunswick, NJ.....	71
Table 26-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Traffic Stress (Fall) at Blacksburg, VA.....	79
Table 27-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Shade at Ames, IA.....	85
Table 28-	Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown at Ames, IA (Billbugs).....	89
Table 29-	Genetic Color Ratings of Kentucky Bluegrass Cultivars.....	90
Table 30-	Spring Greenup Ratings of Kentucky Bluegrass Cultivars.....	92
Table 31-	Leaf Texture Ratings of Kentucky Bluegrass Cultivars.....	94
Table 32-	Seedling Vigor Ratings of Kentucky Bluegrass Cultivars.....	96
Table 33-	Spring Density Ratings of Kentucky Bluegrass Cultivars.....	98
Table 34-	Summer Density Ratings of Kentucky Bluegrass Cultivars.....	100

CONTENTS (continued)

Table 35- Fall Density Ratings of Kentucky Bluegrass Cultivars	102
Table 36- Percent Living Ground Cover (Spring) Ratings of Kentucky Bluegrass Cultivars.....	104
Table 37- Percent Living Ground Cover (Summer) Ratings of Kentucky Bluegrass Cultivars.....	106
Table 38- Percent Living Ground Cover (Fall) Ratings of Kentucky Bluegrass Cultivars.....	108
Table 39- Winter Color Ratings of Kentucky Bluegrass Cultivars	110
Table 40- Drought Tolerance (Wilting) Ratings of Kentucky Bluegrass Cultivars	112
Table 41- Stem Rust Ratings of Kentucky Bluegrass Cultivars.....	114
Table 42- Dollar Spot Ratings of Kentucky Bluegrass Cultivars.....	116
Table 43- Summer Patch Ratings of Kentucky Bluegrass Cultivars.....	118
Table 44- Crown Rust Ratings of Kentucky Bluegrass Cultivars.....	120
Table 45- Pink Snow Mold Ratings of Kentucky Bluegrass Cultivars.....	121
Table 46- Fall Color (September) Ratings of Kentucky Bluegrass Cultivars.....	122
Table 47- Fall Color (October) Ratings of Kentucky Bluegrass Cultivars.....	123
Table 48- Fall Color (November) Ratings of Kentucky Bluegrass Cultivars.....	124
Table 49- Seedhead Ratings of Kentucky Bluegrass Cultivars.....	125
Table 50- Percent Establishment Ratings of Kentucky Bluegrass Cultivars	127
Table 51- Turf Uniformity Ratings of Kentucky Bluegrass Cultivars.....	129
Table 52- Drought Tolerance (Wilting) Ratings of Kentucky Bluegrass Cultivars Grown at Lexington, KY.....	131
Table 53- Mesotrione Damage Ratings of Kentucky Bluegrass Cultivars.....	132
Table 54- Percent Establishment Ratings of Kentucky Bluegrass Cultivars in Raleigh, NC.....	133
Table 55- Percent Establishment Ratings of Kentucky Bluegrass Cultivars in Stillwater, OK.....	134
Table 56- Summer Patch Ratings of Kentucky Bluegrass Cultivars in Raleigh, NC.....	136
Table 57- Dollar Spot Ratings of Kentucky Bluegrass in North Brunswick, NJ.....	138
Appendix Table - Summary of Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars.....	140

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>.

2017 NATIONAL KENTUCKY BLUEGRASS TEST
LOCATIONS SUBMITTING DATA FOR 2018-2022

State	Location	Code
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville (Traffic)	AR2
Connecticut	Storrs	CT1
Indiana	West Lafayette	IN1
Indiana	West Lafayette	IN2
Iowa	Ames	IA1
Iowa	Ames (Shade)	IA2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Massachusetts	Amherst (Traffic Stress)	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Nebraska	Mead	NE1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick	NJ1
New Jersey	North Brunswick (Traffic Summer)	NJ3
North Carolina	Raleigh	NC1
North Dakota	Fargo	ND1
Oklahoma	Stillwater	OK1
Tennessee	Knoxville	TN1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Blacksburg (Traffic Stress)	VA2

2017 NATIONAL KENTUCKY BLUEGRASS TEST

Entries and Sponsors

Entry	Name	Sponsor	Entry	Name	Sponsor	Entry	Name	Sponsor
1	A11-40	Landmark Turf & Native Seed	*40	Finish Line (NAI-14-178)	Columbia River Seed	*79	Kenblue	Standard
2	A13-1	Landmark Turf & Native Seed	*41	Heartland (NAI-14-187)	Columbia River Seed	*80	Paloma (PST-K13-139)	Fusion Seed
*3	Blue Magic (A99-2897)	Turf Merchants, Inc.	*42	Aviator II (NAI-15-84)	Columbia River Seed	*81	Super Moon (PST-K13-141)	Pure-Seed Testing, Inc.
*4	Syrah (LTP-11-41)	Lebanon Seaboard Corp.	*43	Pivot	Columbia River Seed	*82	Electric (PST-K11-118)	The Scotts Company
*5	Blue Knight	Bailey Seed & Grain	*44	Blue Devil	Columbia Seeds	*83	Dublin (PST-K15-157)	SiteOne Landscape Supply
6	RAD 553	Seeds Inc.	*45	Skye	Standard	84	PST-11-7	DLF-Pickseed USA
*7	Selway	Seeds Inc.	46	Bombay (GO-22B23)	Grassland Oregon	85	PST-K15-167	Pure Seed Testing Inc.
*8	Babe	Seeds Inc.	*47	Starr (GO-2628)	Grassland Oregon	*86	New Moon (PST-K15-177)	Rose Agri-Seed
9	AKB3128	Pennington Seed	48	Cloud (GO-2425)	Grassland Oregon	87	PST-K15-172	Pure Seed Testing Inc.
10	AKB3179	Pennington Seed	49	DLFPS-340/3364	DLF USA	*88	Midnight	Standard
11	AKB3241	Pennington Seed	50	DLFPS-340/3446	DLF USA	89	PST-T14-39	Pure-Seed Testing, Inc.
12	NK-1	Pennington Seed	51	DLFPS-340/3556	DLF USA			
13	KH3492	Pennington Seed	52	DLFPS-340/3553	DLF USA			
*14	Yellowstone (A12-7)	Landmark Turf & Native Seed	53	DLFPS-340/3494	DLF USA			
*15	After Midnight	Barenbrus USA	54	DLFPS-340/3500	DLF USA			
16	J-1138	Barenbrus USA	55	DLFPS-340/3438	DLF USA			
17	J-1319	Barenbrus USA	56	DLFPS-340/3549	DLF USA			
18	J-2726	Barenbrus USA	57	DLFPS-340/3548	DLF USA			
*19	NuRush (J-3510)	Barenbrus USA	58	DLFPS-340/3444	DLF USA			
20	BAR PP 71213	Barenbrus USA	59	DLFPS-340/3455	DLF USA			
21	BAR PP 7309V	Barenbrus USA	60	DLFPS-340/3550	DLF USA			
22	BAR PP 79366	Barenbrus USA	61	DLFPS-340/3551	DLF USA			
*23	Barvette HGT®	Standard	62	DLFPS-340/3552	DLF USA			
24	BAR PP 7K426	Barenbrus USA	63	MVS-130	Mountain View Seeds			
25	BAR PP 7236V	Barenbrus USA	64	A16-1	Mountain View Seeds			
26	BAR PP 79494	Barenbrus USA	65	A16-7	Mountain View Seeds			
*27	Barserati (BAR PP 110358)	Barenbrus USA	66	A12-34	Mountain View Seeds			
28	RAD-1776	Barenbrus USA	67	A11-26	Mountain View Seeds			
*29	Jersey (NAI-A16-3)	SiteOne Landscape Supply	68	PPG-KB 1320	Mountain View Seeds			
*30	Twilight (NAI-13-132)	SiteOne Landscape Supply	69	A11-38	Peak Plant Genetics			
31	NAI-15-80	SiteOne Landscape Supply	*70	Acoustic (PPG-KB 1131)	Mountain View Seeds			
*32	Blue Gem (NAI-13-9)	Columbia River Seed	71	A10-280	Mountain View Seeds			
*33	United (NAI-13-14)	Columbia River Seed	*72	Shamrock	Standard			
34	NAI-14-122	Columbia River Seed	*73	Shadow Hawk (A16-2)	Mountain View Seeds			
*35	Orion (PST-K13-143)	Dye Seed Ranch, Inc.	74	PPG-KB 1304	ProSeeds Marketing			
36	NAI-14-128	Columbia River Seed	75	A15-6	Peak Plant Genetics, LLC			
37	NAI-14-132	Columbia River Seed	76	A16-17	Peak Plant Genetics, LLC			
*38	Amaze (NAI-14-133)	Columbia River Seed	*77	Prosperity	Blue Mt. Seeds, Inc.			
*39	Comanche (NAI-14-176)	Columbia River Seed	78	A06-8	Blue Mt. Seeds, Inc.			

*COMMERCIALY AVAILABLE IN THE US OR ANY OTHER COUNTRY IN 2023

TABLE A.

2018-2022 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2017 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
AR2	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
CT1	SANDY LOAM	6.1-6.5	61-150	151-240	-	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
IA2	LOAM	7.1-7.5	0-60	0-150	1.1-2.0	DENSE SHADE	2.6-3.0	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
IN2	-	-	-	-	-	FULL SUN	2.1-2.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	4.6-5.5	451+	376-500	1.33333	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MA1	SILT LOAM AND SILT	5.6-6.0	0-60	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MI1	-	-	-	-	-	-	-	-
MN1	SILTY CLAY LOAM	5.6-6.0	61-150	376-500	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
NC1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
ND1	SILTY CLAY AND CLAY	7.1-7.5	0-60	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	376-500	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NJ1	LOAM	5.6-6.0	151-270	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	5.6-6.0	151-270	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	LOAM	7.1-7.5	61-150	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	-	-	-	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	5.6-6.0	0-60	0-150	3.1-4.0	LIGHT SHADE	1.6-2.0	ONLY DURING SEVERE STRESS
VA2	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	3.1-4.0	LIGHT SHADE	1.6-2.0	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2018-2022

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1				X	X	X	X	X	X	X			X		X
AR2															
CT1				X	X	X	X	X	X	X	X		X	X	X
IA1				X	X	X	X	X	X	X			X	X	X
IA2				X	X	X	X	X	X	X	X		X	X	
IN1				X	X	X	X	X	X	X	X		X	X	X
IN2															
KY1			X	X	X	X	X	X	X	X	X				
MA1				X	X	X	X	X	X	X	X	X			
MD1				X	X	X	X	X	X	X	X			X	X
MI1					X	X	X	X	X	X			X	X	X
MN1					X	X	X	X	X	X			X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X		X	X	X
ND1					X	X	X	X	X	X			X		
NE1				X	X	X	X	X	X	X			X	X	X
NJ1				X	X	X	X	X	X	X			X	X	
NJ2			X	X	X	X	X	X	X	X	X		X	X	X
NJ3															
OK1	X	X	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	X	X	X
UT1				X	X	X	X	X	X	X			X	X	X
VA1				X	X	X	X	X	X	X					
VA2					X	X	X	X	X						

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2018-2022

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	STEM RUST	DOLLAR SPOT	SUMMER PATCH	CROWN RUST	PINK SNOW MOLD	BILLBUG RATINGS
AR1					X	X	X					X			
AR2					X	X	X	X	X	X	X	X	X	X	X
CT1		X	X	X											
IA1			X												
IA2		X	X	X	X	X	X								
IN1	X	X	X	X				X		X	X				
IN2															
KY1	X							X	X						X
MA1															
MD1															
MI1				X						X	X		X		
MN1				X										X	
NC1	X		X	X	X	X						X			
ND1		X	X	X	X	X	X								
NE1			X	X											
NJ1									X	X	X				
NJ2				X			X		X	X		X			
NJ3															
OK1		X	X	X	X	X	X			X		X			
TN1		X	X	X	X	X	X	X							
UT1	X		X	X											
VA1					X		X								
VA2															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2018-2022

LOCATION	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	PERCENT ESTABLISH- MENT	UNIFORMITY RATINGS	BILLBUG LARVAE	MORE DROUGHT TOLERANCE WILTING	MESOTRIONE DAMAGE	PERCENT DEC 2017	ESTABLISHMENT FEB 2018	RATINGS 2-WKS (SEEDED IN APR 2018)	3-WKS	4-WKS	SUMMER PATCH	MORE DOLLAR SPOT
AR1																	
* AR2																	
CT1	X						X										
IA1						X											
IA2	X	X	X			X											
IN1	X				X												
IN2								X									
KY1									X								
* MA1						X											
MD1						X											
MI1						X	X										
MN1						X	X										
NC1		X	X		X		X				X	X					X
ND1		X	X														
NE1						X	X										
NJ1					X												
NJ2						X	X			X							X
* NJ3																	
OK1													X	X	X		
TN1																	
UT1							X										
VA1						X											
* VA2																	

* MORE DATA FOR AR2, MA1, NJ3 AND VA2 IN TABLE 23, 24, 25 AND 26.

TABLE 1.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2018 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	NC1	TN1	MI1	IA1	OK1	NE1	ND1	MEAN
* BARVETTE HGT®	23	5.1	6.5	6.7	6.6	5.3	5.3	6.8	6.0
BAR PP 7236V	25	4.8	6.3	6.5	6.3	5.0	5.0	6.6	5.8
STARR (GO-2628)	47	5.0	6.0	6.3	6.3	5.1	5.1	6.6	5.8
* BARSERATI (BAR PP 110358)	27	5.0	6.1	6.3	6.3	5.1	5.0	6.4	5.8
A10-280	71	4.9	6.3	6.4	6.3	5.2	4.9	6.2	5.7
SYRAH (LTP-11-41)	4	4.7	6.3	6.4	6.3	5.0	5.0	6.6	5.7
BAR PP 7309V	21	4.5	6.2	6.4	6.2	4.8	5.0	6.7	5.7
AKB3179	10	4.4	6.1	6.3	6.1	4.7	4.9	6.7	5.6
J-1138	16	4.8	5.7	6.1	6.1	4.8	5.0	6.6	5.6
KH3492	13	4.4	6.0	6.3	6.1	4.7	5.0	6.8	5.6
A16-17	76	4.9	6.0	6.2	6.1	5.0	4.8	6.1	5.6
BAR PP 71213	20	4.4	6.1	6.3	6.1	4.7	4.9	6.5	5.6
* BABE	8	4.2	6.0	6.3	6.1	4.5	5.0	6.9	5.6
PPG-KB 1304	74	5.0	5.8	6.1	6.1	5.0	4.8	6.1	5.6
AKB3128	9	4.5	5.9	6.2	6.0	4.7	4.8	6.5	5.5
BOMBAY (GO-22B23)	46	4.8	5.6	6.0	6.0	4.8	4.9	6.5	5.5
DLFPS-340/3494	53	4.6	5.8	6.1	6.0	4.8	4.9	6.5	5.5
DLFPS-340/3455	59	4.2	6.1	6.3	6.0	4.6	4.8	6.5	5.5
* YELLOWSTONE (A12-7)	14	4.5	5.9	6.1	6.0	4.7	4.8	6.4	5.5
* SHADOW HAWK (A16-2)	73	4.5	5.9	6.1	6.0	4.7	4.8	6.4	5.5
DLFPS-340/3552	62	4.6	5.9	6.1	6.0	4.8	4.7	6.2	5.5
ELECTRIC (PST-K11-118)	82	4.6	5.7	6.1	6.0	4.6	4.9	6.6	5.5
JERSEY (NAI-A16-3)	29	4.5	5.7	6.1	6.0	4.7	4.8	6.5	5.5
CLOUD (GO-2425)	48	4.9	5.5	5.9	6.0	4.8	4.8	6.4	5.5
* SELWAY	7	4.1	5.8	6.2	5.9	4.4	4.9	6.9	5.5
BAR PP 7K426	24	4.5	5.8	6.1	6.0	4.7	4.8	6.4	5.5
RAD 553	6	4.1	5.9	6.2	5.9	4.4	4.8	6.7	5.4
SUPER MOON (PST-K13-141)	81	4.4	5.8	6.1	5.9	4.6	4.7	6.4	5.4
DLFPS-340/3549	56	4.2	5.9	6.1	5.9	4.5	4.8	6.6	5.4
RAD-1776	28	4.0	5.8	6.1	5.9	4.3	4.8	6.9	5.4
* ORION (PST-K13-143)	35	4.0	5.7	6.1	5.9	4.3	4.8	6.9	5.4
BAR PP 79366	22	4.7	5.6	5.9	5.9	4.7	4.7	6.2	5.4
DLFPS-340/3551	61	4.6	5.8	6.0	5.9	4.8	4.6	5.9	5.4
A11-26	67	4.7	5.7	5.9	5.9	4.8	4.6	5.9	5.4
PST-11-7	84	4.4	5.5	5.9	5.8	4.5	4.8	6.5	5.3
DLFPS-340/3550	60	4.7	5.6	5.9	5.9	4.7	4.6	6.0	5.3
PST-K13-139	80	4.0	5.7	6.1	5.8	4.3	4.7	6.8	5.3
A11-40	1	4.3	5.6	5.9	5.8	4.5	4.7	6.4	5.3
NURUSH (J-3510)	19	4.8	5.4	5.8	5.8	4.7	4.7	6.1	5.3
* KENBLUE	79	3.6	6.1	6.2	5.8	4.2	4.6	6.7	5.3
BLUE GEM (NAI-13-9)	32	4.4	5.4	5.8	5.8	4.4	4.7	6.5	5.3
BAR PP 79494	26	4.3	5.3	5.8	5.7	4.3	4.8	6.7	5.3
A16-1	64	3.9	5.6	6.0	5.8	4.2	4.7	6.7	5.3
DLFPS-340/3556	51	4.7	5.6	5.8	5.8	4.8	4.5	5.7	5.3
BLUE MAGIC (A99-2897)	3	4.5	5.6	5.8	5.8	4.6	4.5	5.9	5.3
* SKYE	45	4.5	5.3	5.7	5.7	4.5	4.7	6.3	5.3
DLFPS-340/3438	55	4.2	5.6	5.9	5.7	4.4	4.6	6.3	5.2
DLFPS-340/3500	54	4.4	5.5	5.8	5.7	4.5	4.6	6.1	5.2
AKB3241	11	4.1	5.4	5.8	5.7	4.3	4.7	6.6	5.2
A15-6	75	4.2	5.6	5.8	5.7	4.4	4.5	6.2	5.2
A11-38	69	4.0	5.5	5.8	5.7	4.2	4.6	6.4	5.2

TABLE 1.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2018 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY	NC1	TN1	MI1	IA1	OK1	NE1	ND1	MEAN
A13-1	2	4.4	5.3	5.7	5.6	4.4	4.5	6.1	5.2
UNITED (NAI-13-14)	33	4.4	5.1	5.6	5.6	4.3	4.6	6.4	5.1
* SHAMROCK	72	4.0	5.4	5.8	5.6	4.2	4.5	6.4	5.1
PST-T14-39	89	4.2	5.3	5.7	5.6	4.2	4.6	6.4	5.1
* MIDNIGHT	88	4.4	5.1	5.6	5.6	4.3	4.6	6.3	5.1
PST-K15-172	87	4.4	5.3	5.6	5.6	4.4	4.5	6.0	5.1
* PIVOT	43	4.1	5.3	5.7	5.6	4.2	4.5	6.3	5.1
DLFPS-340/3548	57	4.1	5.5	5.7	5.6	4.3	4.4	6.1	5.1
A06-8	78	4.3	5.2	5.6	5.6	4.3	4.5	6.1	5.1
COMANCHE (NAI-14-176)	39	3.9	5.1	5.7	5.5	3.9	4.7	6.9	5.1
DLFPS-340/3446	50	4.0	5.4	5.7	5.6	4.2	4.4	6.2	5.1
NK-1	12	4.1	5.4	5.7	5.6	4.3	4.4	6.1	5.1
* BLUE DEVIL	44	4.3	5.2	5.6	5.5	4.3	4.4	6.1	5.1
A16-7	65	4.1	5.1	5.6	5.5	4.2	4.5	6.3	5.0
TWILIGHT (NAI-13-132)	30	4.4	5.0	5.5	5.5	4.3	4.5	6.2	5.0
PST-K15-167	85	3.9	5.2	5.6	5.5	4.1	4.5	6.4	5.0
DUBLIN (PST-K15-157)	83	4.0	5.2	5.6	5.5	4.1	4.5	6.4	5.0
ACOUSTIC (PPG-KB 1131)	70	4.2	5.0	5.5	5.5	4.2	4.5	6.2	5.0
DLFPS-340/3444	58	3.8	5.3	5.7	5.5	4.0	4.4	6.4	5.0
* PROSPERITY	77	4.2	5.0	5.5	5.4	4.1	4.4	6.2	5.0
DLFPS-340/3553	52	4.3	5.1	5.5	5.5	4.3	4.3	5.8	5.0
J-1319	17	4.3	4.9	5.4	5.4	4.2	4.4	6.0	4.9
J-2726	18	4.3	4.8	5.4	5.4	4.2	4.4	6.1	4.9
AVIATOR II (NAI-15-84)	42	3.8	5.1	5.6	5.4	3.9	4.4	6.4	4.9
AMAZE (NAI-14-133)	38	3.9	4.9	5.5	5.4	3.9	4.5	6.6	4.9
A12-34	66	3.9	5.3	5.6	5.4	4.1	4.3	6.0	4.9
MVS-130	63	3.9	5.0	5.5	5.4	3.9	4.4	6.3	4.9
NAI-14-122	34	3.8	4.9	5.4	5.3	3.8	4.4	6.5	4.9
PPG-KB 1320	68	3.6	5.0	5.5	5.3	3.7	4.4	6.7	4.9
* AFTER MIDNIGHT	15	4.2	4.6	5.3	5.3	4.0	4.4	6.3	4.9
HEARTLAND (NAI-14-187)	41	3.7	4.9	5.4	5.3	3.8	4.4	6.5	4.9
NEW MOON (PST-K15-177)	86	4.1	4.9	5.3	5.3	4.0	4.3	6.0	4.9
NAI-14-128	36	3.8	4.8	5.4	5.3	3.8	4.4	6.5	4.8
FINISH LINE (NAI-14-178)	40	3.6	4.7	5.4	5.3	3.7	4.5	6.8	4.8
NAI-15-80	31	3.7	5.0	5.5	5.3	3.8	4.3	6.3	4.8
NAI-14-132	37	3.8	4.6	5.3	5.2	3.8	4.3	6.4	4.8
DLFPS-340/3364	49	3.0	4.4	4.9	4.7	3.2	3.7	5.9	4.3
* BLUE KNIGHT	5	2.8	4.2	4.8	4.6	3.0	3.8	6.1	4.2
LSD VALUE		0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)		12.5	9.7	9.1	9.3	12.1	11.5	8.3	10.1

* COMMERCIALY AVAILABLE IN THE USA IN 2019

** 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 KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2018 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	CT1	NJ2	KY1	IN1	MEAN
STARR (GO-2628)	7.1	6.6	7.1	6.9	6.9
CLOUD (GO-2425)	7.3	6.6	7.0	6.8	6.9
PPG-KB 1304	7.0	7.1	6.8	6.7	6.9
NURUSH (J-3510)	7.2	6.7	6.8	6.7	6.8
BOMBAY (GO-22B23)	7.1	6.3	7.0	6.8	6.8
BARVETTE HGT®	6.9	6.3	7.1	6.9	6.8
BARSERATTI (BAR PP 110358)	6.9	6.6	6.9	6.7	6.8
J-1138	7.1	6.2	7.0	6.8	6.8
A16-17	6.7	6.7	6.7	6.6	6.7
A11-26	6.7	6.8	6.6	6.5	6.6
A10-280	6.5	6.8	6.7	6.5	6.6
DLFPS-340/3556	6.7	6.8	6.5	6.4	6.6
BAR PP 79366	6.8	6.3	6.7	6.5	6.6
DLFPS-340/3550	6.7	6.5	6.6	6.5	6.6
SKYE	7.0	5.9	6.8	6.6	6.6
MIDNIGHT	7.0	5.7	6.8	6.5	6.5
UNITED (NAI-13-14)	7.0	5.6	6.8	6.5	6.5
AFTER MIDNIGHT	7.1	5.5	6.7	6.5	6.5
TWILIGHT (NAI-13-132)	6.9	5.7	6.7	6.4	6.4
BAR PP 7236V	6.5	5.9	6.8	6.6	6.4
J-2726	6.9	5.7	6.6	6.4	6.4
J-1319	6.9	5.9	6.6	6.4	6.4
ELECTRIC (PST-K11-118)	6.7	5.6	6.8	6.5	6.4
DLFPS-340/3552	6.5	6.2	6.6	6.4	6.4
DLFPS-340/3494	6.6	5.8	6.7	6.5	6.4
JERSEY (NAI-A16-3)	6.7	5.6	6.8	6.5	6.4
A13-1	6.7	5.9	6.6	6.4	6.4
BLUE GEM (NAI-13-9)	6.8	5.4	6.7	6.5	6.4
PST-11-7	6.7	5.5	6.7	6.5	6.4
BLUE MAGIC (A99-2897)	6.5	6.2	6.4	6.3	6.3
DLFPS-340/3551	6.4	6.3	6.4	6.3	6.3
SYRAH (LTP-11-41)	6.4	5.7	6.7	6.5	6.3
A06-8	6.7	5.8	6.5	6.3	6.3
PST-K15-172	6.6	5.8	6.5	6.3	6.3
DLFPS-340/3500	6.5	5.8	6.5	6.3	6.3
DLFPS-340/3553	6.6	6.0	6.4	6.2	6.3
AKB3128	6.5	5.6	6.6	6.4	6.3
YELLOWSTONE (A12-7)	6.4	5.6	6.6	6.4	6.3
SHADOW HAWK (A16-2)	6.4	5.6	6.6	6.4	6.2
ACOUSTIC (PPG-KB 1131)	6.7	5.4	6.5	6.3	6.2
BAR PP 79494	6.7	4.9	6.8	6.5	6.2
BLUE DEVIL	6.5	5.6	6.5	6.2	6.2
BAR PP 7K426	6.4	5.5	6.6	6.4	6.2
PROSPERITY	6.6	5.3	6.5	6.3	6.2
A11-40	6.4	5.3	6.5	6.3	6.1
BAR PP 7309V	6.2	5.2	6.6	6.4	6.1
NEW MOON (PST-K15-177)	6.5	5.3	6.4	6.2	6.1
SUPER MOON (PST-K13-141)	6.2	5.3	6.5	6.3	6.1
A16-7	6.5	5.1	6.5	6.2	6.1

TABLE 2. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2018 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	CT1	NJ2	KY1	IN1	MEAN
PST-T14-39	6.5	5.0	6.5	6.3	6.1
KH3492	6.3	4.8	6.6	6.4	6.0
BAR PP 71213	6.1	5.2	6.5	6.3	6.0
AKB3179	6.1	5.0	6.5	6.3	6.0
AKB3241	6.4	4.7	6.6	6.3	6.0
A15-6	6.1	5.2	6.3	6.1	5.9
DLFPS-340/3438	6.1	5.1	6.4	6.1	5.9
PIVOT	6.3	5.0	6.4	6.1	5.9
NAI-14-132	6.5	4.3	6.5	6.1	5.9
AMAZE (NAI-14-133)	6.4	4.3	6.5	6.2	5.8
NK-1	6.0	5.1	6.2	6.0	5.8
DUBLIN (PST-K15-157)	6.2	4.5	6.4	6.1	5.8
BABE	6.1	4.3	6.6	6.3	5.8
MVS-130	6.3	4.5	6.4	6.1	5.8
DLFPS-340/3549	6.0	4.6	6.4	6.1	5.8
NAI-14-128	6.4	4.2	6.4	6.1	5.8
DLFPS-340/3446	6.0	4.9	6.2	6.0	5.8
DLFPS-340/3548	6.0	5.0	6.2	6.0	5.8
SELWAY	6.1	4.2	6.5	6.2	5.8
PST-K15-167	6.2	4.4	6.3	6.1	5.8
DLFPS-340/3455	5.8	4.8	6.3	6.1	5.8
COMANCHE (NAI-14-176)	6.4	3.8	6.6	6.2	5.7
NAI-14-122	6.3	4.1	6.4	6.1	5.7
A11-38	6.0	4.5	6.3	6.0	5.7
RAD 553	5.9	4.4	6.4	6.1	5.7
SHAMROCK	6.0	4.4	6.3	6.0	5.7
A12-34	5.9	4.7	6.1	5.8	5.6
PALOMA (PST-K13-139)	5.9	4.0	6.4	6.1	5.6
ORION (PST-K13-143)	5.9	3.8	6.4	6.1	5.6
HEARTLAND (NAI-14-187)	6.1	3.9	6.3	6.0	5.6
A16-1	5.9	4.0	6.3	6.0	5.6
AVIATOR II (NAI-15-84)	6.0	4.1	6.2	5.9	5.6
FINISH LINE (NAI-14-178)	6.3	3.5	6.4	6.0	5.6
RAD-1776	5.8	3.8	6.4	6.1	5.5
DLFPS-340/3444	5.8	4.1	6.2	5.9	5.5
NAI-15-80	5.9	4.0	6.1	5.8	5.5
PPG-KB 1320	5.9	3.3	6.2	5.9	5.3
KENBLUE	4.9	3.1	5.8	5.5	4.8
DLFPS-340/3364	5.1	2.9	5.5	5.2	4.7
BLUE KNIGHT	5.3	2.4	5.6	5.2	4.7
LSD VALUE	0.9	0.9	0.9	0.9	0.9
C.V. (%)	8.3	10.3	8.2	8.5	8.7

* 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 3. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2018 DATA

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

NAME	MD1	MN1	AR1	UT1	MEAN
AFTER MIDNIGHT	7.1	6.6	7.0	6.6	6.8
CLOUD (GO-2425)	6.5	6.4	6.8	6.5	6.6
MIDNIGHT	6.6	6.3	6.8	6.5	6.5
UNITED (NAI-13-14)	6.5	6.3	6.8	6.5	6.5
J-1138	6.2	6.2	6.9	6.5	6.5
BOMBAY (GO-22B23)	6.3	6.3	6.8	6.5	6.5
J-2726	6.5	6.3	6.7	6.4	6.5
SKYE	6.3	6.2	6.7	6.4	6.4
BAR PP 79494	6.3	6.1	6.8	6.5	6.4
TWILIGHT (NAI-13-132)	6.4	6.2	6.7	6.4	6.4
NURUSH (J-3510)	6.3	6.3	6.7	6.4	6.4
NAI-14-132	6.4	6.0	6.7	6.3	6.4
STARR (GO-2628)	6.0	6.2	6.8	6.5	6.4
COMANCHE (NAI-14-176)	6.2	5.9	6.8	6.4	6.3
FINISH LINE (NAI-14-178)	6.3	5.9	6.8	6.3	6.3
J-1319	6.3	6.1	6.6	6.2	6.3
BLUE GEM (NAI-13-9)	6.1	6.0	6.7	6.3	6.3
NAI-14-128	6.3	5.9	6.7	6.3	6.3
AMAZE (NAI-14-133)	6.2	5.9	6.7	6.3	6.3
PST-11-7	6.0	5.9	6.7	6.3	6.2
PROSPERITY	6.1	5.9	6.5	6.2	6.2
ACOUSTIC (PPG-KB 1131)	6.1	5.9	6.5	6.2	6.2
ELECTRIC (PST-K11-118)	5.8	5.9	6.6	6.3	6.2
NAI-14-122	6.0	5.8	6.6	6.2	6.1
JERSEY (NAI-A16-3)	5.7	5.8	6.6	6.2	6.1
PPG-KB 1304	5.7	5.9	6.4	6.1	6.1
A06-8	5.9	5.8	6.4	6.1	6.1
A16-7	5.9	5.8	6.5	6.1	6.0
NEW MOON (PST-K15-177)	6.0	5.8	6.4	6.0	6.0
AKB3241	5.7	5.7	6.6	6.2	6.0
BARVETTE HGT®	5.4	5.8	6.6	6.3	6.0
PST-T14-39	5.8	5.7	6.5	6.1	6.0
A13-1	5.8	5.8	6.4	6.1	6.0
BAR PP 79366	5.7	5.8	6.4	6.1	6.0
MVS-130	5.8	5.6	6.4	6.0	6.0
BARSERATI (BAR PP 110358)	5.5	5.8	6.5	6.2	6.0
HEARTLAND (NAI-14-187)	5.8	5.6	6.5	6.0	6.0
DLFPS-340/3494	5.5	5.7	6.5	6.1	5.9
BLUE DEVIL	5.7	5.7	6.3	6.0	5.9
DUBLIN (PST-K15-157)	5.6	5.5	6.4	6.0	5.9
PST-K15-172	5.6	5.7	6.3	6.0	5.9
DLFPS-340/3550	5.5	5.7	6.3	6.0	5.9
PPG-KB 1320	5.6	5.4	6.4	6.0	5.8
DLFPS-340/3553	5.6	5.7	6.2	5.9	5.8
PST-K15-167	5.5	5.5	6.3	5.9	5.8
A11-40	5.4	5.5	6.3	6.0	5.8
DLFPS-340/3500	5.4	5.6	6.2	5.9	5.8
KH3492	5.2	5.4	6.5	6.1	5.8
AKB3128	5.2	5.5	6.4	6.0	5.8

TABLE 3. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2018 DATA

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

NAME	MD1	MN1	AR1	UT1	MEAN
SELWAY	5.2	5.3	6.5	6.0	5.7
A11-26	5.3	5.6	6.1	5.9	5.7
PIVOT	5.4	5.4	6.3	5.9	5.7
BAR PP 7236V	5.1	5.5	6.4	6.0	5.7
A16-17	5.2	5.6	6.2	5.9	5.7
YELLOWSTONE (A12-7)	5.2	5.4	6.3	5.9	5.7
BAR PP 7K426	5.2	5.4	6.3	5.9	5.7
ORION (PST-K13-143)	5.1	5.2	6.4	6.0	5.7
BABE	5.0	5.2	6.4	6.0	5.6
AVIATOR II (NAI-15-84)	5.3	5.3	6.2	5.8	5.6
SHADOW HAWK (A16-2)	5.1	5.4	6.2	5.9	5.6
DLFPS-340/3556	5.2	5.5	6.0	5.7	5.6
DLFPS-340/3552	5.0	5.4	6.1	5.8	5.6
SYRAH (LTP-11-41)	4.9	5.3	6.3	5.9	5.6
BLUE MAGIC (A99-2897)	5.1	5.4	6.1	5.7	5.6
BAR PP 7309V	4.9	5.2	6.3	5.9	5.6
SUPER MOON (PST-K13-141)	5.0	5.2	6.2	5.8	5.5
SHAMROCK	5.0	5.2	6.2	5.8	5.5
PALOMA (PST-K13-139)	4.9	5.1	6.2	5.8	5.5
NAI-15-80	5.2	5.1	6.1	5.7	5.5
DLFPS-340/3438	5.0	5.2	6.1	5.7	5.5
A11-38	5.0	5.1	6.1	5.7	5.5
A16-1	4.9	5.1	6.2	5.8	5.5
AKB3179	4.8	5.1	6.2	5.8	5.5
A15-6	5.0	5.2	6.1	5.7	5.5
RAD-1776	4.8	5.0	6.3	5.8	5.5
DLFPS-340/3444	5.0	5.1	6.1	5.7	5.5
DLFPS-340/3549	4.8	5.1	6.2	5.8	5.5
DLFPS-340/3446	4.9	5.1	6.0	5.6	5.4
A10-280	4.7	5.2	6.0	5.7	5.4
NK-1	4.9	5.1	6.0	5.6	5.4
RAD 553	4.7	5.0	6.1	5.7	5.4
BAR PP 71213	4.6	5.1	6.1	5.7	5.4
BLUE KNIGHT	5.2	4.9	5.9	5.5	5.4
DLFPS-340/3551	4.8	5.2	5.9	5.6	5.4
DLFPS-340/3548	4.8	5.0	5.9	5.6	5.3
A12-34	4.8	5.0	5.9	5.5	5.3
DLFPS-340/3455	4.3	4.7	5.9	5.5	5.1
DLFPS-340/3364	4.5	4.5	5.6	5.1	4.9
KENBLUE	3.3	3.9	5.5	5.0	4.4
LSD VALUE	0.9	0.9	0.9	0.9	0.9
C.V. (%)	9.7	9.6	8.4	8.9	9.1

* 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 KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2019 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	CT1	NJ1	MD1	NC1	KY1	MN1	IA1	AR1	MEAN
*STARR (GO-2628)	47	7.2	7.6	5.7	5.7	6.6	5.4	6.6	6.8	6.4
*BOMBAY (GO-22B23)	46	7.2	7.8	5.7	5.7	6.5	5.4	6.6	6.8	6.4
*AFTER MIDNIGHT	15	7.1	8.2	5.5	5.5	6.4	5.3	6.5	6.7	6.4
*CLOUD (GO-2425)	48	7.1	7.5	5.7	5.6	6.6	5.4	6.6	6.8	6.4
A11-26	67	6.9	7.3	5.5	5.5	6.3	5.1	6.3	6.6	6.1
ELECTRIC (PST-K11-118)	82	6.9	7.1	5.4	5.3	6.4	5.3	6.4	6.5	6.1
*SKYE	45	6.9	6.6	5.5	5.4	6.5	5.3	6.5	6.5	6.1
*NURUSH (J-3510)	19	6.9	6.8	5.5	5.4	6.4	5.3	6.5	6.5	6.1
*BARSERATI (BAR PP 110358)	27	6.9	6.3	5.6	5.5	6.5	5.3	6.5	6.6	6.1
*JERSEY (NAI-A16-3)	29	6.8	8.1	5.1	4.9	6.1	5.2	6.2	6.3	6.1
J-1138	16	6.8	6.2	5.6	5.4	6.5	5.3	6.5	6.5	6.1
ACOUSTIC (PPG-KB 1131)	70	6.8	7.1	5.4	5.3	6.3	5.2	6.3	6.4	6.1
*BLUE GEM (NAI-13-9)	32	6.7	6.5	5.4	5.3	6.4	5.2	6.4	6.4	6.0
*NEW MOON (PST-K15-177)	86	6.7	6.8	5.3	5.0	6.4	5.4	6.4	6.3	6.0
KH3492	13	6.7	7.3	5.2	4.9	6.3	5.3	6.3	6.3	6.0
DLFPS-340/3550	60	6.7	5.7	5.6	5.4	6.6	5.4	6.6	6.5	6.0
*FINISH LINE (NAI-14-178)	40	6.7	7.0	5.3	5.1	6.3	5.2	6.3	6.3	6.0
*BLUE DEVIL	44	6.7	6.9	5.3	5.1	6.3	5.2	6.3	6.3	6.0
PPG-KB 1304	74	6.7	5.9	5.5	5.5	6.4	5.2	6.4	6.5	6.0
PST-K15-172	87	6.7	7.1	5.3	5.2	6.2	5.0	6.2	6.3	6.0
BAR PP 79494	26	6.7	6.1	5.4	5.1	6.5	5.4	6.5	6.4	5.9
J-2726	18	6.7	7.4	5.1	5.0	6.1	5.1	6.2	6.2	5.9
*YELLOWSTONE (A12-7)	14	6.6	6.7	5.3	5.0	6.3	5.3	6.4	6.3	5.9
*TWILIGHT (NAI-13-132)	30	6.6	6.3	5.3	5.1	6.4	5.3	6.4	6.3	5.9
*PROSPERITY	77	6.6	7.2	5.1	4.7	6.2	5.3	6.3	6.2	5.9
*MIDNIGHT	88	6.6	6.5	5.3	5.2	6.2	5.1	6.3	6.3	5.9
A11-40	1	6.6	6.2	5.3	4.9	6.4	5.3	6.4	6.2	5.9
*UNITED (NAI-13-14)	33	6.6	5.8	5.4	5.2	6.4	5.2	6.4	6.3	5.8
*BARVETTE HGT®	23	6.5	5.9	5.3	5.1	6.3	5.2	6.3	6.3	5.8
J-1319	17	6.5	6.0	5.2	4.9	6.4	5.3	6.4	6.2	5.8
AKB3179	10	6.5	5.8	5.2	4.9	6.4	5.4	6.5	6.2	5.8
A16-17	76	6.5	6.1	5.3	5.2	6.2	4.9	6.1	6.3	5.8
*SYRAH (LTP-11-41)	4	6.5	5.6	5.3	5.1	6.4	5.2	6.4	6.2	5.8
PST-T14-39	89	6.5	6.4	5.2	5.0	6.1	5.0	6.2	6.2	5.8
SHADOW HAWK (A16-2)	73	6.5	6.6	5.1	4.8	6.1	5.1	6.2	6.1	5.8
DLFPS-340/3556	51	6.5	5.5	5.3	5.2	6.3	5.1	6.3	6.3	5.8
BAR PP 79366	22	6.5	5.3	5.4	5.3	6.4	5.1	6.3	6.3	5.8
DLFPS-340/3500	54	6.5	5.8	5.3	5.1	6.2	5.0	6.2	6.2	5.7
BAR PP 71213	20	6.5	6.5	5.1	5.0	6.1	4.9	6.1	6.2	5.7
A11-38	69	6.4	6.5	5.0	4.5	6.1	5.2	6.2	6.0	5.7
*BABE	8	6.4	6.2	5.0	4.7	6.2	5.2	6.2	6.0	5.7
PST-11-7	84	6.4	6.6	5.0	4.7	6.0	5.0	6.1	6.0	5.7
PST-K15-167	85	6.4	6.5	5.0	4.7	6.0	5.0	6.1	6.0	5.7
DLFPS-340/3552	62	6.4	5.1	5.3	5.0	6.3	5.1	6.3	6.1	5.6
DLFPS-340/3549	56	6.3	6.5	4.9	4.5	6.0	5.1	6.1	5.9	5.6
AKB3128	9	6.3	5.0	5.2	5.0	6.3	5.1	6.3	6.1	5.6
BAR PP 7236V	25	6.3	5.5	5.1	5.0	6.2	5.0	6.1	6.1	5.6
*ORION (PST-K13-143)	35	6.2	5.8	4.9	4.6	6.1	5.1	6.2	5.9	5.6
*SELWAY	7	6.3	5.9	5.0	4.7	6.1	5.0	6.1	6.0	5.6
A06-8	78	6.3	5.2	5.1	4.8	6.2	5.1	6.2	6.0	5.6
AKB3241	11	6.3	4.8	5.2	4.9	6.3	5.2	6.3	6.1	5.6
DLFPS-340/3494	53	6.2	5.4	5.0	4.4	6.3	5.3	6.3	5.9	5.6

TABLE 4.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2019 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	CT1	NJ1	MD1	NC1	KY1	MN1	IA1	AR1	MEAN
DLFPS-340/3553	52	6.3	4.9	5.2	5.1	6.2	4.9	6.2	6.1	5.6
BAR PP 7K426	24	6.2	5.1	5.1	4.8	6.2	5.1	6.2	6.0	5.5
PPG-KB 1320	68	6.1	6.4	4.7	4.1	6.0	5.3	6.2	5.7	5.5
*PALOMA (PST-K13-139)	80	6.1	5.8	4.8	4.3	6.1	5.3	6.2	5.8	5.5
BAR PP 7309V	21	6.2	4.7	5.1	4.8	6.3	5.1	6.2	6.0	5.5
DLFPS-340/3551	61	6.2	4.6	5.2	4.9	6.2	5.0	6.2	6.0	5.5
DLFPS-340/3548	57	6.1	5.7	4.9	4.5	6.0	5.0	6.1	5.8	5.5
BLUE MAGIC (A99-2897)	3	6.2	3.9	5.3	5.1	6.3	5.0	6.3	6.1	5.5
A10-280	71	6.2	4.1	5.2	5.0	6.3	5.1	6.2	6.0	5.4
DLFPS-340/3455	59	6.1	5.5	4.9	4.6	6.0	4.9	6.0	5.8	5.4
NAI-14-128	36	6.1	4.8	5.0	4.6	6.2	5.1	6.2	5.8	5.4
A16-7	65	6.1	4.6	5.0	4.7	6.2	5.1	6.2	5.9	5.4
*SHAMROCK	72	6.1	5.9	4.7	4.3	5.9	5.0	6.0	5.7	5.4
*PIVOT	43	6.1	4.7	5.0	4.6	6.1	5.0	6.1	5.8	5.4
NAI-14-122	34	6.0	5.0	4.9	4.4	6.1	5.1	6.2	5.8	5.4
A13-1	2	6.1	3.8	5.2	5.1	6.2	4.9	6.1	6.0	5.3
MVS-130	63	6.0	4.8	4.9	4.5	6.1	5.0	6.1	5.8	5.3
A15-6	75	6.0	4.7	4.9	4.7	6.0	4.9	6.0	5.8	5.3
RAD-1776	28	5.9	4.6	4.9	4.4	6.1	5.1	6.1	5.7	5.3
DLFPS-340/3444	58	5.9	5.7	4.6	4.1	5.8	4.9	5.9	5.6	5.3
A12-34	66	6.0	4.3	5.0	4.6	6.1	5.0	6.1	5.8	5.3
SUPER MOON (PST-K13-141)	81	6.0	4.2	5.0	4.8	6.1	4.9	6.1	5.9	5.3
A16-1	64	5.9	5.5	4.6	4.1	5.9	5.0	5.9	5.6	5.3
*HEARTLAND (NAI-14-187)	41	5.9	4.8	4.7	4.3	6.0	4.9	6.0	5.6	5.2
DLFPS-340/3438	55	5.9	4.2	4.9	4.7	6.0	4.8	6.0	5.8	5.2
*COMANCHE (NAI-14-176)	39	5.8	4.5	4.8	4.2	6.1	5.1	6.1	5.6	5.2
DLFPS-340/3446	50	5.9	4.3	4.8	4.5	6.0	4.9	6.0	5.7	5.2
DUBLIN (PST-K15-157)	83	5.8	3.7	4.9	4.4	6.2	5.1	6.2	5.7	5.2
RAD 553	6	5.8	4.1	4.8	4.4	6.1	5.0	6.1	5.6	5.2
*AVIATOR II (NAI-15-84)	42	5.8	4.4	4.7	4.1	6.1	5.1	6.1	5.5	5.2
NAI-14-132	37	5.8	3.8	4.9	4.4	6.1	5.1	6.1	5.6	5.2
*AMAZE (NAI-14-133)	38	5.8	4.0	4.8	4.4	5.9	4.8	5.9	5.6	5.1
*BLUE KNIGHT	5	5.6	4.3	4.4	3.9	5.8	4.8	5.8	5.3	4.9
NK-1	12	5.5	2.2	4.8	4.5	6.0	4.8	5.9	5.5	4.8
NAI-15-80	31	5.4	2.3	4.7	4.2	6.1	4.9	6.0	5.4	4.8
DLFPS-340/3364	49	5.4	2.8	4.6	4.1	5.9	4.7	5.8	5.3	4.8
*KENBLUE	79	5.2	4.0	4.1	3.6	5.4	4.4	5.4	5.0	4.6
LSD VALUE		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)		10.5	11.8	13.0	13.8	10.7	13.0	10.7	11.0	11.8

* COMMERCIALY AVAILABLE IN THE USA IN 2020

** 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.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2019 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	VA1	IN1	MI1	NE1	ND1	UT1	MEAN
DLFPS-340/3550	5.9	5.6	6.6	5.3	6.9	4.2	5.8
STARR (GO-2628)	5.9	5.5	6.6	5.3	6.8	4.1	5.7
J-1138	5.8	5.5	6.5	5.2	6.8	4.1	5.7
AKB3179	6.0	5.4	6.3	5.3	7.1	3.9	5.7
CLOUD (GO-2425)	5.8	5.4	6.6	5.2	6.8	4.1	5.7
BAR PP 79494	5.9	5.4	6.4	5.2	6.9	4.0	5.6
BARSERATI (BAR PP 110358)	5.8	5.5	6.6	5.2	6.7	4.1	5.6
SKYE	5.8	5.4	6.5	5.2	6.7	4.0	5.6
TWILIGHT (NAI-13-132)	5.9	5.3	6.3	5.2	6.9	3.9	5.6
BOMBAY (GO-22B23)	5.8	5.4	6.5	5.2	6.7	4.0	5.6
PPG-KB 1304	5.6	5.5	6.5	5.1	6.6	4.0	5.6
J-1319	5.9	5.3	6.3	5.2	7.0	3.9	5.6
A11-40	5.9	5.3	6.3	5.2	6.9	3.9	5.6
SYRAH (LTP-11-41)	5.8	5.4	6.4	5.2	6.8	3.9	5.6
NEW MOON (PST-K15-177)	5.9	5.3	6.3	5.2	6.9	3.8	5.6
BLUE MAGIC (A99-2897)	5.6	5.5	6.5	5.1	6.7	4.0	5.6
NURUSH (J-3510)	5.7	5.4	6.4	5.1	6.7	4.0	5.6
AKB3241	5.8	5.4	6.3	5.1	6.9	3.9	5.6
UNITED (NAI-13-14)	5.7	5.4	6.4	5.1	6.8	3.9	5.6
DLFPS-340/3494	6.0	5.2	6.1	5.2	7.1	3.7	5.5
BLUE GEM (NAI-13-9)	5.7	5.3	6.4	5.1	6.7	3.9	5.5
A10-280	5.6	5.4	6.4	5.1	6.8	4.0	5.5
BAR PP 79366	5.6	5.4	6.5	5.1	6.6	4.0	5.5
DLFPS-340/3556	5.7	5.4	6.4	5.1	6.7	3.9	5.5
BAR PP 7309V	5.7	5.3	6.2	5.1	6.9	3.8	5.5
DLFPS-340/3552	5.6	5.3	6.3	5.1	6.7	3.9	5.5
DUBLIN (PST-K15-157)	5.8	5.3	6.1	5.1	6.9	3.8	5.5
BARVETTE HGT®	5.7	5.3	6.3	5.1	6.7	3.9	5.5
ELECTRIC (PST-K11-118)	5.7	5.3	6.4	5.1	6.7	3.9	5.5
AKB3128	5.7	5.3	6.3	5.1	6.7	3.9	5.5
AFTER MIDNIGHT	5.8	5.2	6.4	5.1	6.7	3.8	5.5
YELLOWSTONE (A12-7)	5.8	5.2	6.2	5.1	6.8	3.8	5.5
A06-8	5.7	5.2	6.2	5.1	6.8	3.8	5.5
DLFPS-340/3551	5.6	5.3	6.3	5.0	6.7	3.9	5.5
BAR PP 7K426	5.7	5.2	6.2	5.0	6.8	3.8	5.4
NAI-14-132	5.7	5.2	6.1	5.0	6.9	3.7	5.4
NAI-14-128	5.7	5.2	6.1	5.0	6.8	3.7	5.4
RAD-1776	5.8	5.2	6.0	5.1	6.9	3.7	5.4
A16-7	5.7	5.2	6.1	5.0	6.8	3.8	5.4
PROSPERITY	5.9	5.0	6.0	5.1	6.9	3.6	5.4
BLUE DEVIL	5.7	5.1	6.2	5.0	6.7	3.7	5.4
FINISH LINE (NAI-14-178)	5.7	5.1	6.2	5.0	6.7	3.7	5.4
A12-34	5.6	5.2	6.1	5.0	6.8	3.7	5.4
KH3492	5.8	5.1	6.1	5.0	6.8	3.7	5.4
ACOUSTIC (PPG-KB 1131)	5.6	5.2	6.3	5.0	6.6	3.8	5.4
NAI-15-80	5.6	5.3	6.0	5.0	6.8	3.7	5.4
NAI-14-122	5.8	5.1	6.0	5.0	6.9	3.6	5.4
A13-1	5.4	5.4	6.4	4.9	6.5	3.9	5.4
RAD 553	5.7	5.2	6.0	5.0	6.8	3.7	5.4
PIVOT	5.6	5.2	6.1	5.0	6.7	3.7	5.4
DLFPS-340/3500	5.5	5.2	6.3	5.0	6.6	3.8	5.4
DLFPS-340/3553	5.5	5.3	6.3	4.9	6.5	3.8	5.4

TABLE 5.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2019 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	VA1	IN1	MI1	NE1	ND1	UT1	MEAN
PALOMA (PST-K13-139)	5.9	5.0	5.9	5.1	7.0	3.5	5.4
A11-26	5.5	5.2	6.3	5.0	6.5	3.8	5.4
AVIATOR II (NAI-15-84)	5.8	5.1	5.9	5.0	7.0	3.6	5.4
MIDNIGHT	5.6	5.1	6.2	4.9	6.5	3.7	5.4
NK-1	5.4	5.3	6.1	4.9	6.6	3.8	5.4
COMANCHE (NAI-14-176)	5.7	5.1	5.9	5.0	6.9	3.6	5.4
BABE	5.7	5.1	6.0	5.0	6.7	3.6	5.4
ORION (PST-K13-143)	5.7	5.0	6.0	5.0	6.8	3.6	5.4
A11-38	5.8	5.0	5.9	5.0	6.8	3.6	5.4
SUPER MOON (PST-K13-141)	5.4	5.2	6.2	4.9	6.5	3.7	5.3
BAR PP 7236V	5.5	5.1	6.2	4.9	6.5	3.7	5.3
PPG-KB 1320	5.9	4.9	5.7	5.0	7.0	3.4	5.3
MVS-130	5.6	5.1	6.0	4.9	6.7	3.6	5.3
SHADOW HAWK (A16-2)	5.6	5.0	6.0	4.9	6.6	3.6	5.3
PST-K15-172	5.5	5.0	6.2	4.9	6.5	3.6	5.3
A16-17	5.4	5.1	6.2	4.8	6.4	3.7	5.3
DLFPS-340/3446	5.5	5.1	6.0	4.9	6.6	3.6	5.3
PST-T14-39	5.5	5.0	6.1	4.9	6.5	3.6	5.3
DLFPS-340/3438	5.4	5.1	6.1	4.8	6.5	3.6	5.3
SELWAY	5.5	5.0	6.0	4.9	6.6	3.6	5.3
DLFPS-340/3548	5.6	5.0	5.9	4.9	6.7	3.5	5.3
J-2726	5.6	4.9	6.0	4.9	6.5	3.6	5.2
A15-6	5.4	5.1	6.0	4.8	6.5	3.6	5.2
JERSEY (NAI-A16-3)	5.6	4.9	6.0	4.9	6.6	3.5	5.2
DLFPS-340/3455	5.5	5.0	5.9	4.8	6.6	3.5	5.2
HEARTLAND (NAI-14-187)	5.5	5.0	5.9	4.8	6.6	3.5	5.2
DLFPS-340/3549	5.6	4.9	5.9	4.9	6.6	3.4	5.2
PST-11-7	5.5	4.9	5.9	4.8	6.6	3.5	5.2
AMAZE (NAI-14-133)	5.4	5.0	5.9	4.8	6.5	3.5	5.2
DLFPS-340/3364	5.4	5.0	5.9	4.8	6.6	3.5	5.2
PST-K15-167	5.5	4.9	5.9	4.8	6.5	3.5	5.2
BAR PP 71213	5.4	5.0	6.1	4.8	6.3	3.6	5.2
A16-1	5.6	4.8	5.7	4.8	6.7	3.3	5.1
SHAMROCK	5.5	4.8	5.7	4.8	6.6	3.3	5.1
DLFPS-340/3444	5.5	4.7	5.6	4.7	6.6	3.3	5.1
BLUE KNIGHT	5.5	4.8	5.6	4.7	6.6	3.3	5.1
KENBLUE	5.0	4.4	5.3	4.3	6.2	2.9	4.7
LSD VALUE	1.1	1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)	11.8	12.9	10.8	13.3	9.9	17.8	12.3

* 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 6.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2019 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	TN1	OK1	MEAN	NAME	NJ2	TN1	OK1	MEAN
PPG-KB 1304	7.3	6.2	6.1	6.5	A16-7	4.6	5.5	5.3	5.1
BARSERATI (BAR PP 110358)	6.9	6.1	6.0	6.4	A11-40	4.5	5.5	5.4	5.1
A13-1	7.1	6.0	5.9	6.3	J-2726	4.8	5.3	5.2	5.1
BLUE MAGIC (A99-2897)	6.8	6.1	6.0	6.3	NEW MOON (PST-K15-177)	4.4	5.5	5.4	5.1
STARR (GO-2628)	6.7	6.1	6.0	6.3	A12-34	4.4	5.5	5.3	5.1
BAR PP 79366	6.8	6.0	5.9	6.3	J-1319	4.3	5.5	5.3	5.0
CLOUD (GO-2425)	6.7	6.0	6.0	6.2	PIVOT	4.4	5.4	5.2	5.0
BOMBAY (GO-22B23)	6.8	6.0	5.9	6.2	SELWAY	4.6	5.3	5.2	5.0
A11-26	6.9	5.9	5.8	6.2	DLFPS-340/3446	4.5	5.3	5.2	5.0
A16-17	6.9	5.8	5.7	6.1	AKB3179	4.0	5.5	5.3	5.0
DLFPS-340/3550	6.3	6.1	6.0	6.1	SHADOW HAWK (A16-2)	4.4	5.3	5.1	4.9
J-1138	6.4	6.0	5.9	6.1	AMAZE (NAI-14-133)	4.4	5.3	5.1	4.9
SKYE	6.4	6.0	5.9	6.1	KH3492	4.2	5.3	5.2	4.9
DLFPS-340/3553	6.6	5.9	5.8	6.1	PST-K15-167	4.4	5.2	5.1	4.9
NURUSH (J-3510)	6.4	5.9	5.8	6.0	JERSEY (NAI-A16-3)	4.4	5.2	5.1	4.9
DLFPS-340/3556	6.2	5.9	5.8	5.9	DLFPS-340/3455	4.3	5.2	5.1	4.9
A10-280	6.0	5.9	5.8	5.9	NAI-14-128	4.0	5.4	5.2	4.8
DLFPS-340/3500	6.2	5.8	5.7	5.9	NAI-15-80	3.9	5.4	5.2	4.8
BLUE GEM (NAI-13-9)	6.0	5.8	5.7	5.8	MVS-130	4.0	5.3	5.1	4.8
UNITED (NAI-13-14)	5.9	5.8	5.7	5.8	DUBLIN (PST-K15-157)	3.8	5.4	5.2	4.8
AFTER MIDNIGHT	6.0	5.7	5.7	5.8	BABE	4.0	5.3	5.1	4.8
ELECTRIC (PST-K11-118)	5.9	5.8	5.7	5.8	PST-11-7	4.1	5.2	5.0	4.8
DLFPS-340/3552	5.9	5.8	5.7	5.8	DLFPS-340/3364	3.9	5.2	5.0	4.7
ACOUSTIC (PPG-KB 1131)	6.0	5.7	5.6	5.8	NAI-14-132	3.7	5.3	5.1	4.7
DLFPS-340/3551	5.9	5.8	5.7	5.8	RAD 553	3.6	5.3	5.1	4.6
MIDNIGHT	5.9	5.7	5.6	5.7	ORION (PST-K13-143)	3.5	5.2	5.0	4.5
BARVETTE HGT®	5.7	5.8	5.6	5.7	HEARTLAND (NAI-14-187)	3.5	5.1	4.9	4.5
AKB3128	5.7	5.8	5.6	5.7	DLFPS-340/3548	3.5	5.1	4.9	4.5
SUPER MOON (PST-K13-141)	5.8	5.7	5.5	5.7	PROSPERITY	3.3	5.1	5.0	4.5
PST-K15-172	5.9	5.6	5.5	5.6	NAI-14-122	3.2	5.2	5.0	4.4
BAR PP 7236V	5.8	5.6	5.5	5.6	RAD-1776	3.2	5.2	5.0	4.4
BAR PP 71213	5.9	5.5	5.4	5.6	DLFPS-340/3549	3.4	5.0	4.8	4.4
SYRAH (LTP-11-41)	5.4	5.8	5.6	5.6	A11-38	3.0	5.0	4.8	4.3
NK-1	5.4	5.7	5.5	5.5	DLFPS-340/3494	2.7	5.2	4.9	4.3
BAR PP 79494	5.2	5.8	5.6	5.5	COMANCHE (NAI-14-176)	2.8	5.1	4.8	4.2
PST-T14-39	5.6	5.5	5.4	5.5	SHAMROCK	3.0	4.9	4.7	4.2
AKB3241	5.1	5.7	5.5	5.5	AVIATOR II (NAI-15-84)	2.2	5.0	4.7	4.0
DLFPS-340/3438	5.4	5.5	5.4	5.4	A16-1	2.3	4.7	4.5	3.9
BLUE DEVIL	5.2	5.5	5.4	5.4	DLFPS-340/3444	2.4	4.7	4.5	3.9
TWILIGHT (NAI-13-132)	5.0	5.7	5.5	5.4	PALOMA (PST-K13-139)	2.0	4.9	4.6	3.9
A15-6	5.3	5.5	5.3	5.4	BLUE KNIGHT	2.2	4.7	4.5	3.8
BAR PP 7K426	4.9	5.6	5.4	5.3	KENBLUE	2.2	4.4	4.2	3.6
FINISH LINE (NAI-14-178)	5.0	5.5	5.4	5.3	PPG-KB 1320	0.9	4.6	4.3	3.3
BAR PP 7309V	4.8	5.6	5.4	5.3					
YELLOWSTONE (A12-7)	4.7	5.5	5.4	5.2	LSD VALUE	1.1	1.1	1.1	1.1
A06-8	4.6	5.5	5.3	5.1	C.V. (%)	13.8	12.1	12.4	12.7

* 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 7.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2020 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	KY1	IN1	MI1	MN1	IA1	NE1	ND1	UT1	MEAN
* STARR (GO-2628)	47	6.2	6.5	6.6	4.5	6.4	6.3	6.7	5.1	6.2
PPG-KB 1304	74	5.9	6.6	6.6	4.5	6.4	6.1	6.5	5.0	6.1
RAD-1776	28	5.8	5.8	6.2	5.0	6.3	6.4	7.0	4.9	6.1
* BOMBAY (GO-22B23)	46	6.1	6.4	6.6	4.3	6.3	6.2	6.5	5.0	6.1
* ELECTRIC (PST-K11-118)	82	6.0	6.0	6.3	4.7	6.3	6.4	6.8	4.9	6.1
* BARVETTE HGT®	23	5.8	6.5	6.5	4.4	6.4	6.0	6.5	4.9	6.0
A10-280	71	5.7	6.3	6.4	4.7	6.3	6.2	6.6	4.9	6.0
* SKYE	45	5.9	6.4	6.5	4.3	6.3	6.1	6.5	4.9	6.0
* CLOUD (GO-2425)	48	6.1	6.1	6.3	4.4	6.2	6.3	6.6	4.8	6.0
* SYRAH (LTP-11-41)	4	5.9	6.0	6.3	4.5	6.2	6.2	6.6	4.8	5.9
* BARSERATI (BAR PP 110358)	27	6.0	6.1	6.3	4.4	6.2	6.2	6.5	4.8	5.9
* FINISH LINE (NAI-14-178)	40	5.9	5.4	5.9	4.9	6.1	6.5	7.0	4.7	5.9
BLUE MAGIC (A99-2897)	3	5.8	6.0	6.2	4.6	6.2	6.2	6.6	4.8	5.9
DLFPS-340/3455	59	5.7	5.8	6.1	4.7	6.2	6.2	6.8	4.8	5.9
AKB3241	11	5.9	5.7	6.0	4.6	6.1	6.3	6.7	4.7	5.9
BAR PP 7236V	25	5.7	6.1	6.2	4.4	6.2	6.0	6.5	4.7	5.9
* UNITED (NAI-13-14)	33	6.1	5.4	5.9	4.5	5.9	6.5	6.8	4.6	5.9
KH3492	13	5.8	5.7	6.0	4.6	6.1	6.2	6.7	4.7	5.9
* YELLOWSTONE (A12-7)	14	5.7	5.4	5.8	4.8	6.0	6.4	6.9	4.6	5.9
A11-26	67	5.7	6.2	6.3	4.3	6.1	6.0	6.3	4.7	5.8
* ORION (PST-K13-143)	35	5.8	5.4	5.9	4.6	6.0	6.3	6.8	4.6	5.8
A16-1	64	5.8	5.1	5.6	4.9	5.9	6.5	7.0	4.6	5.8
* DUBLIN (PST-K15-157)	83	5.7	5.3	5.7	4.8	6.0	6.4	6.8	4.6	5.8
J-1138	16	6.0	5.5	5.9	4.3	5.9	6.4	6.6	4.6	5.8
* MIDNIGHT	88	6.1	5.4	5.9	4.4	5.8	6.4	6.7	4.6	5.8
AKB3128	9	5.7	5.9	6.1	4.3	6.0	6.0	6.4	4.6	5.8
BAR PP 79494	26	6.1	5.3	5.8	4.4	5.8	6.4	6.7	4.5	5.8
* TWILIGHT (NAI-13-132)	30	6.0	5.4	5.8	4.4	5.9	6.4	6.7	4.6	5.8
* BLUE GEM (NAI-13-9)	32	6.1	5.3	5.8	4.4	5.8	6.5	6.7	4.5	5.8
A06-8	78	5.8	5.5	5.9	4.6	5.9	6.3	6.7	4.6	5.8
NAI-14-122	34	5.6	5.5	5.9	4.7	6.0	6.2	6.7	4.6	5.8
DLFPS-340/3550	60	5.8	5.8	6.0	4.2	5.9	6.1	6.4	4.6	5.8
A13-1	2	5.6	6.0	6.1	4.3	6.0	5.9	6.3	4.6	5.7
RAD 553	6	5.4	5.5	5.8	4.7	6.0	6.1	6.6	4.5	5.7
DLFPS-340/3553	52	5.7	5.7	6.0	4.3	5.9	6.0	6.4	4.5	5.7
ACOUSTIC (PPG-KB 1131)	70	6.1	5.3	5.8	4.2	5.7	6.3	6.5	4.5	5.7
A16-17	76	5.4	6.2	6.2	4.2	6.0	5.8	6.1	4.6	5.7
SUPER MOON (PST-K13-141)	81	5.5	5.8	6.0	4.3	6.0	5.9	6.3	4.5	5.7
DLFPS-340/3549	56	5.4	5.5	5.8	4.5	5.9	6.0	6.6	4.5	5.7
DLFPS-340/3551	61	5.6	5.7	6.0	4.2	5.9	6.0	6.3	4.5	5.7
DLFPS-340/3548	57	5.4	5.4	5.7	4.6	5.9	6.1	6.6	4.5	5.7
DLFPS-340/3552	62	5.7	5.7	6.0	4.1	5.9	6.0	6.3	4.5	5.7
* PALOMA (PST-K13-139)	80	5.6	5.0	5.5	4.7	5.8	6.3	6.8	4.4	5.7
SHADOW HAWK (A16-2)	73	5.8	5.4	5.8	4.3	5.8	6.1	6.5	4.5	5.7
* PROSPERITY	77	5.8	4.9	5.5	4.5	5.7	6.4	6.8	4.4	5.7
A11-40	1	5.8	5.5	5.9	4.1	5.8	6.1	6.4	4.5	5.7
* BLUE DEVIL	44	5.9	5.3	5.8	4.2	5.7	6.2	6.4	4.4	5.6
* NURUSH (J-3510)	19	6.0	5.2	5.7	4.2	5.7	6.3	6.5	4.4	5.6
* SELWAY	7	5.5	5.7	5.9	4.2	5.9	5.9	6.3	4.5	5.6
BAR PP 7K426	24	5.6	5.6	5.9	4.2	5.8	6.0	6.3	4.5	5.6
BAR PP 79366	22	5.7	5.6	5.9	4.2	5.8	6.0	6.2	4.4	5.6
* SHAMROCK	72	5.6	5.0	5.5	4.5	5.7	6.2	6.7	4.4	5.6

TABLE 7.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2020 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	KY1	IN1	MI1	MN1	IA1	NE1	ND1	UT1	MEAN
DLFPS-340/3500	54	5.7	5.6	5.9	4.1	5.7	6.0	6.2	4.4	5.6
* HEARTLAND (NAI-14-187)	41	5.3	5.5	5.8	4.4	5.9	5.9	6.4	4.4	5.6
DLFPS-340/3438	55	5.4	5.7	5.9	4.2	5.8	5.8	6.2	4.4	5.6
AKB3179	10	5.7	5.2	5.7	4.2	5.7	6.1	6.5	4.4	5.6
BAR PP 7309V	21	5.6	5.3	5.7	4.2	5.7	6.0	6.4	4.4	5.6
MVS-130	63	5.4	5.4	5.7	4.4	5.8	5.9	6.4	4.4	5.6
* COMANCHE (NAI-14-176)	39	5.3	5.3	5.6	4.5	5.8	5.9	6.5	4.4	5.6
A11-38	69	5.4	4.9	5.4	4.7	5.7	6.1	6.7	4.3	5.6
NAI-15-80	31	5.5	5.0	5.5	4.5	5.6	6.2	6.6	4.3	5.6
* BABE	8	5.6	5.1	5.5	4.3	5.7	6.1	6.5	4.3	5.6
* JERSEY (NAI-A16-3)	29	5.6	5.3	5.7	4.2	5.7	6.0	6.4	4.4	5.6
* PIVOT	43	5.6	5.2	5.6	4.2	5.7	6.0	6.5	4.4	5.5
PST-K15-172	87	5.6	5.6	5.9	4.0	5.7	5.9	6.2	4.4	5.5
A15-6	75	5.4	5.8	5.9	4.1	5.8	5.7	6.1	4.4	5.5
NAI-14-128	36	5.4	5.3	5.7	4.3	5.7	5.9	6.4	4.3	5.5
NAI-14-132	37	5.3	5.3	5.6	4.5	5.8	5.9	6.4	4.3	5.5
DLFPS-340/3446	50	5.5	5.3	5.6	4.3	5.7	6.0	6.4	4.3	5.5
DLFPS-340/3444	58	5.5	5.1	5.5	4.3	5.7	6.0	6.5	4.3	5.5
PST-T14-39	89	5.4	5.3	5.6	4.3	5.7	5.9	6.3	4.3	5.5
* AMAZE (NAI-14-133)	38	5.3	5.4	5.7	4.3	5.7	5.8	6.3	4.3	5.5
A12-34	66	5.5	5.4	5.7	4.2	5.6	5.9	6.2	4.3	5.5
NK-1	12	5.2	5.4	5.6	4.2	5.6	5.8	6.1	4.2	5.4
* AVIATOR II (NAI-15-84)	42	5.5	4.7	5.2	4.4	5.5	6.1	6.6	4.2	5.4
PPG-KB 1320	68	5.6	4.1	4.9	4.5	5.3	6.3	6.9	4.1	5.4
BAR PP 71213	20	5.2	5.3	5.5	4.1	5.5	5.7	6.1	4.1	5.3
DLFPS-340/3556	51	5.5	5.2	5.5	3.9	5.4	5.8	6.0	4.1	5.3
* AFTER MIDNIGHT	15	5.9	4.6	5.3	3.8	5.2	6.1	6.2	4.0	5.3
A16-7	65	5.5	4.8	5.3	4.0	5.4	5.9	6.2	4.1	5.3
* KENBLUE	79	4.9	5.3	5.5	4.1	5.6	5.5	6.1	4.2	5.3
* NEW MOON (PST-K15-177)	86	5.8	4.1	5.0	4.2	5.2	6.3	6.6	4.0	5.3
DLFPS-340/3364	49	5.2	4.9	5.3	4.0	5.3	5.8	6.1	4.0	5.2
PST-K15-167	85	5.3	4.8	5.3	3.8	5.3	5.6	6.0	3.9	5.1
* BLUE KNIGHT	5	5.1	4.4	4.9	4.2	5.2	5.8	6.2	3.8	5.1
DLFPS-340/3494	53	5.3	4.0	4.7	4.1	5.0	6.0	6.4	3.7	5.1
J-2726	18	5.4	4.2	4.9	3.8	5.0	5.9	6.1	3.7	5.0
PST-11-7	84	5.3	4.2	4.9	3.8	5.0	5.8	6.1	3.7	5.0
J-1319	17	5.4	4.3	4.9	3.6	5.0	5.8	6.0	3.7	5.0
LSD VALUE		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)		12.2	12.7	11.9	15.8	11.8	11.3	10.6	15.5	12.2

* COMMERCIALY AVAILABLE IN THE USA IN 2021

** 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 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2020 DATA

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

NAME	ENTRY #	NJ1	NJ2	VA1	NC1	MEAN
* BOMBAY (GO-22B23)	46	7.8	7.1	7.9	4.7	6.9
* STARR (GO-2628)	47	7.5	6.9	7.9	4.7	6.7
* SKYE	45	7.3	6.8	7.8	4.5	6.6
* CLOUD (GO-2425)	48	6.9	6.9	7.1	4.7	6.4
* BARSERATI (BAR PP 110358)	27	6.2	6.8	6.9	4.5	6.1
PPG-KB 1304	74	5.7	6.9	7.4	4.4	6.1
* BARVETTE HGT®	23	5.9	6.3	7.7	4.1	6.0
ACOUSTIC (PPG-KB 1131)	70	7.0	6.2	6.3	4.5	6.0
A11-40	1	7.2	5.1	7.2	3.9	5.8
J-1138	16	6.5	6.0	6.3	4.4	5.8
DLFPS-340/3550	60	5.9	6.5	6.5	4.3	5.8
* SYRAH (LTP-11-41)	4	6.0	5.9	7.2	4.1	5.8
A11-26	67	5.2	6.7	6.8	4.2	5.7
* BLUE DEVIL	44	6.8	5.5	6.6	4.1	5.7
* AFTER MIDNIGHT	15	7.2	5.9	5.5	4.4	5.7
DLFPS-340/3552	62	5.8	6.4	6.5	4.2	5.7
* MIDNIGHT	88	6.6	5.6	6.4	4.3	5.7
* BLUE GEM (NAI-13-9)	32	6.7	5.6	6.2	4.3	5.7
PST-K15-172	87	6.1	6.0	6.6	4.0	5.7
* NURUSH (J-3510)	19	6.3	5.9	5.9	4.3	5.6
DLFPS-340/3500	54	5.4	6.5	6.0	4.3	5.6
* ELECTRIC (PST-K11-118)	82	5.4	5.7	6.9	4.1	5.6
BAR PP 7236V	25	5.3	5.8	7.1	3.9	5.5
DLFPS-340/3553	52	5.6	5.9	6.6	4.0	5.5
* TWILIGHT (NAI-13-132)	30	6.6	4.8	6.7	3.9	5.5
AKB3128	9	5.5	5.7	6.9	3.9	5.5
BAR PP 79494	26	6.0	5.7	6.1	4.3	5.5
SHADOW HAWK (A16-2)	73	6.7	4.5	7.0	3.7	5.5
* UNITED (NAI-13-14)	33	5.6	5.5	6.1	4.2	5.3
AKB3241	11	5.8	4.8	6.9	3.8	5.3
BLUE MAGIC (A99-2897)	3	4.5	6.3	6.3	4.2	5.3
DLFPS-340/3551	61	4.8	6.1	6.3	4.0	5.3
AKB3179	10	6.4	4.5	6.7	3.6	5.3
A13-1	2	4.2	6.6	6.2	4.1	5.3
A15-6	75	4.7	6.1	6.4	3.8	5.2
* JERSEY (NAI-A16-3)	29	6.0	4.7	6.6	3.6	5.2
BAR PP 79366	22	4.1	6.9	5.4	4.3	5.2
BAR PP 7K426	24	5.2	5.4	6.5	3.8	5.2
A10-280	71	4.0	6.0	6.7	4.0	5.2
A16-17	76	3.5	6.9	6.1	4.0	5.1
* SELWAY	7	5.1	5.1	6.7	3.6	5.1
* PIVOT	43	6.0	4.2	6.7	3.5	5.1
KH3492	13	5.0	4.9	6.7	3.7	5.1
DLFPS-340/3556	51	4.5	6.4	5.2	4.1	5.0
SUPER MOON (PST-K13-141)	81	4.3	5.6	6.4	3.7	5.0
DLFPS-340/3438	55	4.2	5.8	6.2	3.7	5.0
BAR PP 7309V	21	5.2	4.7	6.4	3.6	5.0
DLFPS-340/3455	59	5.1	4.0	7.3	3.4	5.0
A06-8	78	4.8	4.5	6.4	3.6	4.8
A12-34	66	4.1	5.7	5.6	3.8	4.8
PST-K15-167	85	5.2	4.6	5.8	3.4	4.8
J-1319	17	5.8	4.5	5.2	3.5	4.8

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2020 DATA

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

NAME	ENTRY #	NJ1	NJ2	VA1	NC1	MEAN
* ORION (PST-K13-143)	35	5.0	3.9	6.6	3.4	4.7
* BABE	8	5.2	4.0	6.2	3.4	4.7
A16-7	65	4.8	4.8	5.4	3.6	4.7
RAD-1776	28	4.3	3.7	7.0	3.3	4.6
* PROSPERITY	77	5.2	3.6	6.1	3.4	4.6
DLFPS-340/3444	58	4.9	3.5	6.3	3.1	4.5
DLFPS-340/3446	50	3.9	4.8	5.7	3.5	4.5
* NEW MOON (PST-K15-177)	86	5.9	3.2	5.3	3.4	4.4
* SHAMROCK	72	5.1	3.1	6.4	3.1	4.4
* FINISH LINE (NAI-14-178)	40	4.1	3.9	6.2	3.5	4.4
PST-11-7	84	5.6	3.3	5.5	3.0	4.4
J-2726	18	4.8	4.5	4.7	3.5	4.4
BAR PP 71213	20	3.3	5.2	5.5	3.4	4.3
MVS-130	63	3.8	4.2	6.1	3.2	4.3
NAI-14-128	36	3.4	4.7	5.7	3.4	4.3
DLFPS-340/3549	56	3.9	3.7	6.5	3.1	4.3
* HEARTLAND (NAI-14-187)	41	3.4	4.4	6.2	3.2	4.3
PST-T14-39	89	3.0	5.0	5.4	3.5	4.2
NAI-14-122	34	3.3	4.0	6.2	3.2	4.2
* AMAZE (NAI-14-133)	38	3.0	4.5	5.9	3.2	4.1
NK-1	12	2.5	5.3	5.2	3.5	4.1
* YELLOWSTONE (A12-7)	14	3.2	3.9	5.9	3.3	4.1
DLFPS-340/3364	49	3.3	4.7	5.0	3.3	4.1
* COMANCHE (NAI-14-176)	39	3.4	3.7	6.1	3.0	4.1
DLFPS-340/3548	57	3.3	3.6	6.2	3.0	4.0
A16-1	64	4.0	2.6	6.2	3.0	4.0
* KENBLUE	79	3.3	3.5	6.4	2.6	3.9
RAD 553	6	2.5	4.2	5.8	3.2	3.9
* DUBLIN (PST-K15-157)	83	2.9	3.6	5.8	3.2	3.9
* AVIATOR II (NAI-15-84)	42	3.9	2.9	5.6	2.9	3.9
NAI-14-132	37	2.5	4.2	5.6	3.1	3.9
NAI-15-80	31	2.7	4.2	5.0	3.4	3.8
* PALOMA (PST-K13-139)	80	3.2	2.8	5.8	2.9	3.7
PPG-KB 1320	68	4.7	1.1	5.7	2.5	3.5
DLFPS-340/3494	53	3.7	2.5	4.7	2.8	3.4
A11-38	69	2.4	2.8	5.4	2.8	3.3
* BLUE KNIGHT	5	2.3	3.2	4.6	2.8	3.2
LSD VALUE		1.1	1.1	1.1	1.1	1.1
C.V. (%)		14.1	13.9	11.0	18.7	13.9

* 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 9. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2020 DATA

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

NAME	ENTRY #	CT1	MD1	AR1	MEAN
AFTER MIDNIGHT	15	7.7	7.1	6.8	7.2
BLUE GEM (NAI-13-9)	32	7.2	6.9	6.8	7.0
ACOUSTIC (PPG-KB 1131)	70	7.1	6.9	6.8	6.9
NURUSH (J-3510)	19	7.1	6.8	6.7	6.9
BAR PP 79494	26	7.0	6.8	6.8	6.9
MIDNIGHT	88	6.9	6.8	6.7	6.8
J-1138	16	6.9	6.7	6.7	6.8
UNITED (NAI-13-14)	33	6.8	6.7	6.7	6.8
NEW MOON (PST-K15-177)	86	7.0	6.6	6.5	6.7
CLOUD (GO-2425)	48	6.6	6.6	6.6	6.6
J-2726	18	6.8	6.4	6.3	6.5
BLUE DEVIL	44	6.5	6.4	6.4	6.4
BAR PP 79366	22	6.5	6.4	6.4	6.4
TWILIGHT (NAI-13-132)	30	6.4	6.4	6.4	6.4
BARSERATI (BAR PP 110358)	27	6.3	6.4	6.4	6.4
J-1319	17	6.6	6.3	6.2	6.4
DLFPS-340/3550	60	6.4	6.3	6.4	6.4
DLFPS-340/3500	54	6.4	6.3	6.3	6.4
DLFPS-340/3556	51	6.5	6.3	6.2	6.3
STARR (GO-2628)	47	6.1	6.3	6.5	6.3
BOMBAY (GO-22B23)	46	6.1	6.3	6.4	6.3
PROSPERITY	77	6.2	6.2	6.3	6.2
ELECTRIC (PST-K11-118)	82	6.0	6.2	6.4	6.2
A16-7	65	6.3	6.1	6.1	6.2
BLUE MAGIC (A99-2897)	3	6.0	6.2	6.3	6.2
DLFPS-340/3552	62	6.1	6.2	6.2	6.2
FINISH LINE (NAI-14-178)	40	5.9	6.1	6.3	6.1
NAI-15-80	31	6.0	6.1	6.2	6.1
DLFPS-340/3553	52	6.0	6.1	6.2	6.1
A12-34	66	6.0	6.1	6.1	6.1
AKB3241	11	5.9	6.1	6.2	6.1
DLFPS-340/3494	53	6.1	6.0	6.0	6.0
A11-40	1	5.9	6.0	6.1	6.0
SYRAH (LTP-11-41)	4	5.8	6.0	6.2	6.0
SKYE	45	5.8	6.0	6.2	6.0
AKB3179	10	5.9	6.0	6.1	6.0
A06-8	78	5.8	6.0	6.2	6.0
BABE	8	5.9	6.0	6.1	6.0
DLFPS-340/3551	61	5.9	6.0	6.1	6.0
PST-K15-172	87	5.9	6.0	6.0	6.0
SHADOW HAWK (A16-2)	73	5.8	6.0	6.1	6.0
JERSEY (NAI-A16-3)	29	5.9	6.0	6.1	6.0
KH3492	13	5.7	6.0	6.1	5.9
PST-11-7	84	6.0	5.9	5.9	5.9
A13-1	2	5.7	5.9	6.1	5.9
YELLOWSTONE (A12-7)	14	5.6	5.9	6.1	5.9
PPG-KB 1320	68	5.8	5.9	6.0	5.9
ORION (PST-K13-143)	35	5.6	5.9	6.1	5.9
PPG-KB 1304	74	5.6	5.9	6.1	5.9
DLFPS-340/3446	50	5.7	5.9	6.0	5.9
PIVOT	43	5.7	5.9	6.0	5.9
BAR PP 7309V	21	5.7	5.9	6.0	5.9

TABLE 9. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	ENTRY #	CT1	MD1	AR1	MEAN
A11-26	67	5.6	5.9	6.1	5.9
DUBLIN (PST-K15-157)	83	5.6	5.9	6.1	5.8
BAR PP 7K426	24	5.7	5.9	6.0	5.8
DLFPS-340/3364	49	5.8	5.8	5.9	5.8
AKB3128	9	5.6	5.8	6.0	5.8
A16-1	64	5.5	5.8	6.1	5.8
AVIATOR II (NAI-15-84)	42	5.7	5.8	5.9	5.8
SHAMROCK	72	5.5	5.8	6.0	5.8
PST-T14-39	89	5.6	5.8	5.9	5.8
A10-280	71	5.4	5.8	6.0	5.7
PST-K15-167	85	5.7	5.7	5.8	5.7
NAI-14-128	36	5.5	5.7	5.9	5.7
BLUE KNIGHT	5	5.6	5.7	5.7	5.7
DLFPS-340/3444	58	5.4	5.7	5.9	5.7
BAR PP 7236V	25	5.3	5.7	5.9	5.7
DLFPS-340/3438	55	5.4	5.7	5.8	5.7
PALOMA (PST-K13-139)	80	5.3	5.7	5.9	5.6
SUPER MOON (PST-K13-141)	81	5.4	5.7	5.9	5.6
A16-17	76	5.3	5.7	5.8	5.6
NK-1	12	5.4	5.6	5.8	5.6
A15-6	75	5.4	5.6	5.8	5.6
BAR PP 71213	20	5.4	5.6	5.7	5.6
BARVETTE HGT®	23	5.2	5.6	5.9	5.6
NAI-14-122	34	5.2	5.6	5.9	5.6
SELWAY	7	5.3	5.6	5.8	5.5
RAD-1776	28	5.0	5.6	5.9	5.5
A11-38	69	5.2	5.6	5.8	5.5
RAD 553	6	5.1	5.5	5.8	5.5
MVS-130	63	5.1	5.5	5.7	5.5
DLFPS-340/3455	59	5.0	5.5	5.8	5.4
NAI-14-132	37	5.1	5.5	5.7	5.4
DLFPS-340/3548	57	5.0	5.5	5.7	5.4
AMAZE (NAI-14-133)	38	5.0	5.4	5.6	5.3
DLFPS-340/3549	56	4.9	5.4	5.7	5.3
HEARTLAND (NAI-14-187)	41	4.9	5.4	5.6	5.3
COMANCHE (NAI-14-176)	39	4.9	5.4	5.6	5.3
KENBLUE	79	4.0	4.7	5.0	4.6
LSD VALUE		1.1	1.1	1.1	1.1
C.V. (%)		11.8	11.5	11.3	11.5

* 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 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	ENTRY #	TN1	OK1	MEAN
BAR PP 79366	22	7.2	7.2	7.2
CLOUD (GO-2425)	48	7.1	7.0	7.1
BARSERATI (BAR PP 110358)	27	7.1	6.9	7.0
DLFPS-340/3500	54	7.0	6.8	6.9
STARR (GO-2628)	47	7.0	6.8	6.9
BOMBAY (GO-22B23)	46	6.9	6.8	6.9
ACOUSTIC (PPG-KB 1131)	70	7.0	6.7	6.9
BLUE MAGIC (A99-2897)	3	7.0	6.8	6.9
A16-17	76	6.9	6.9	6.9
DLFPS-340/3556	51	6.9	6.8	6.9
PPG-KB 1304	74	6.9	6.8	6.9
A13-1	2	6.9	6.8	6.8
NURUSH (J-3510)	19	7.0	6.7	6.8
AFTER MIDNIGHT	15	7.0	6.7	6.8
DLFPS-340/3550	60	6.9	6.8	6.8
J-1138	16	7.0	6.7	6.8
BAR PP 79494	26	7.0	6.6	6.8
A11-26	67	6.8	6.7	6.8
BLUE GEM (NAI-13-9)	32	6.9	6.6	6.7
UNITED (NAI-13-14)	33	6.9	6.5	6.7
DLFPS-340/3552	62	6.8	6.6	6.7
MIDNIGHT	88	6.9	6.5	6.7
SKYE	45	6.7	6.6	6.7
ELECTRIC (PST-K11-118)	82	6.8	6.4	6.6
A10-280	71	6.7	6.5	6.6
DLFPS-340/3551	61	6.7	6.5	6.6
A12-34	66	6.7	6.4	6.5
DLFPS-340/3553	52	6.6	6.4	6.5
SYRAH (LTP-11-41)	4	6.6	6.3	6.5
BARVETTE HGT®	23	6.5	6.3	6.4
A15-6	75	6.5	6.3	6.4
PST-K15-172	87	6.5	6.3	6.4
BLUE DEVIL	44	6.6	6.2	6.4
DLFPS-340/3438	55	6.5	6.3	6.4
NK-1	12	6.5	6.2	6.3
AKB3128	9	6.5	6.2	6.3
BAR PP 7236V	25	6.4	6.2	6.3
SUPER MOON (PST-K13-141)	81	6.4	6.2	6.3
PST-T14-39	89	6.4	6.1	6.2
BAR PP 7K426	24	6.4	6.0	6.2
NAI-15-80	31	6.5	5.9	6.2
BAR PP 71213	20	6.3	6.0	6.2
TWILIGHT (NAI-13-132)	30	6.4	5.9	6.2
KH3492	13	6.4	5.9	6.2
DLFPS-340/3446	50	6.4	5.9	6.1
A16-7	65	6.4	5.9	6.1
J-2726	18	6.3	5.9	6.1
AKB3241	11	6.3	5.8	6.1
DLFPS-340/3364	49	6.3	5.9	6.1
NAI-14-128	36	6.3	5.9	6.1
A06-8	78	6.3	5.8	6.0
A11-40	1	6.2	5.8	6.0

TABLE 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2020 DATA

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

NAME	ENTRY #	TN1	OK1	MEAN
SELWAY	7	6.2	5.8	6.0
FINISH LINE (NAI-14-178)	40	6.3	5.6	6.0
YELLOWSTONE (A12-7)	14	6.3	5.6	5.9
BAR PP 7309V	21	6.2	5.7	5.9
J-1319	17	6.2	5.7	5.9
JERSEY (NAI-A16-3)	29	6.2	5.7	5.9
RAD 553	6	6.2	5.7	5.9
DUBLIN (PST-K15-157)	83	6.2	5.5	5.9
NAI-14-132	37	6.1	5.6	5.8
AMAZE (NAI-14-133)	38	6.0	5.6	5.8
AKB3179	10	6.1	5.5	5.8
SHADOW HAWK (A16-2)	73	6.1	5.5	5.8
NAI-14-122	34	6.1	5.5	5.8
BABE	8	6.1	5.5	5.8
PST-K15-167	85	6.0	5.5	5.8
ORION (PST-K13-143)	35	6.1	5.4	5.8
HEARTLAND (NAI-14-187)	41	6.0	5.5	5.7
PROSPERITY	77	6.1	5.4	5.7
MVS-130	63	6.0	5.5	5.7
NEW MOON (PST-K15-177)	86	6.1	5.3	5.7
PIVOT	43	6.0	5.4	5.7
RAD-1776	28	6.0	5.3	5.6
DLFPS-340/3455	59	5.9	5.2	5.6
DLFPS-340/3548	57	5.9	5.2	5.5
BLUE KNIGHT	5	5.8	5.2	5.5
COMANCHE (NAI-14-176)	39	5.8	5.1	5.5
DLFPS-340/3549	56	5.8	5.1	5.5
DLFPS-340/3444	58	5.8	5.1	5.4
A11-38	69	5.8	5.0	5.4
AVIATOR II (NAI-15-84)	42	5.8	5.0	5.4
PALOMA (PST-K13-139)	80	5.8	4.9	5.4
SHAMROCK	72	5.7	4.9	5.3
A16-1	64	5.8	4.9	5.3
PST-11-7	84	5.6	4.9	5.3
DLFPS-340/3494	53	5.7	4.8	5.3
KENBLUE	79	5.3	4.7	5.0
PPG-KB 1320	68	5.2	4.0	4.6
LSD VALUE		1.1	1.1	1.1
C.V. (%)		10.8	11.6	11.2

* 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 11.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2021 DATA

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

NAME	ENTRY #	CT1	NJ1	MD1	TN1	OK1	NE1	UT1	MEAN
* BOMBAY (GO-22B23)	46	6.4	7.6	7.2	7.3	5.3	6.6	5.6	6.6
* BLUE GEM (NAI-13-9)	32	6.4	7.2	7.2	7.2	5.3	6.6	5.6	6.5
* MIDNIGHT	88	6.3	7.4	7.1	7.1	5.2	6.5	5.5	6.4
* ACOUSTIC (PPG-KB 1131)	70	6.3	8.0	7.0	6.9	5.0	6.4	5.4	6.4
* CLOUD (GO-2425)	48	6.3	6.9	7.1	7.3	5.3	6.6	5.6	6.4
* STARR (GO-2628)	47	6.2	7.1	7.0	7.2	5.3	6.5	5.5	6.4
* BARSERATI (BAR PP 110358)	27	6.1	6.9	6.9	7.2	5.2	6.4	5.4	6.3
* SKYE	45	6.1	6.1	7.0	7.3	5.3	6.5	5.5	6.3
* TWILIGHT (NAI-13-132)	30	6.2	6.9	6.9	7.0	5.0	6.4	5.4	6.3
J-1138	16	6.0	6.7	6.9	7.1	5.1	6.3	5.3	6.2
A11-40	1	6.1	6.9	6.8	6.9	4.9	6.3	5.3	6.2
* ELECTRIC (PST-K11-118)	82	6.0	5.7	6.9	7.3	5.3	6.5	5.5	6.2
* AFTER MIDNIGHT	15	6.1	7.4	6.8	6.7	4.7	6.3	5.2	6.2
* BLUE DEVIL	44	6.0	7.3	6.8	6.8	4.8	6.2	5.2	6.2
BAR PP 79494	26	6.0	6.1	6.9	7.1	5.1	6.4	5.4	6.1
* UNITED (NAI-13-14)	33	6.0	6.4	6.8	7.0	5.0	6.3	5.3	6.1
* NURUSH (J-3510)	19	6.0	6.6	6.8	6.9	5.0	6.3	5.2	6.1
* NEW MOON (PST-K15-177)	86	6.2	7.6	6.8	6.4	4.4	6.2	5.1	6.1
BAR PP 7236V	25	5.9	5.5	6.8	7.2	5.2	6.4	5.4	6.1
KH3492	13	6.0	5.3	6.8	7.2	5.1	6.5	5.4	6.0
SHADOW HAWK (A16-2)	73	6.0	6.0	6.8	7.0	4.9	6.3	5.3	6.0
DLFPS-340/3550	60	5.8	6.4	6.7	6.9	5.0	6.2	5.2	6.0
PST-K15-172	87	5.8	6.3	6.7	6.9	4.9	6.2	5.2	6.0
* SYRAH (LTP-11-41)	4	5.8	5.6	6.7	7.1	5.1	6.3	5.3	6.0
DLFPS-340/3552	62	5.8	5.5	6.7	7.2	5.2	6.3	5.3	6.0
PPG-KB 1304	74	5.7	5.4	6.7	7.2	5.2	6.3	5.3	6.0
PST-11-7	84	6.1	7.1	6.7	6.4	4.3	6.2	5.0	6.0
* BARVETTE HGT®	23	5.8	5.2	6.7	7.2	5.2	6.3	5.3	6.0
* JERSEY (NAI-A16-3)	29	5.9	6.0	6.7	6.9	4.9	6.2	5.2	6.0
* PROSPERITY	77	6.0	6.2	6.7	6.7	4.6	6.2	5.1	5.9
* BABE	8	5.9	5.5	6.7	7.0	5.0	6.3	5.2	5.9
* FINISH LINE (NAI-14-178)	40	5.9	5.3	6.7	7.0	5.0	6.3	5.2	5.9
BAR PP 7K426	24	5.8	5.7	6.6	6.9	4.9	6.2	5.1	5.9
* PIVOT	43	5.8	6.0	6.6	6.7	4.7	6.1	5.0	5.9
AKB3241	11	5.8	4.6	6.7	7.2	5.0	6.4	5.3	5.9
SUPER MOON (PST-K13-141)	81	5.8	4.5	6.7	7.2	5.1	6.3	5.3	5.8
A10-280	71	5.7	5.2	6.6	7.0	5.0	6.2	5.2	5.8
DLFPS-340/3553	52	5.7	4.9	6.6	7.1	5.1	6.2	5.2	5.8
DLFPS-340/3494	53	5.9	6.0	6.6	6.6	4.5	6.2	5.0	5.8
* ORION (PST-K13-143)	35	5.7	5.6	6.6	6.8	4.8	6.1	5.1	5.8
DLFPS-340/3500	54	5.7	5.1	6.6	7.0	5.0	6.2	5.2	5.8
A06-8	78	5.8	4.9	6.6	7.0	4.9	6.3	5.2	5.8
* SHAMROCK	72	5.9	5.0	6.6	6.9	4.8	6.3	5.2	5.8
AKB3179	10	5.7	4.8	6.6	7.1	5.0	6.3	5.2	5.8
AKB3128	9	5.6	4.8	6.6	7.1	5.0	6.2	5.2	5.8
* SELWAY	7	5.6	5.9	6.5	6.7	4.7	6.0	4.9	5.7
DLFPS-340/3551	61	5.6	4.8	6.5	7.0	4.9	6.1	5.1	5.7
A13-1	2	5.5	4.2	6.5	7.2	5.2	6.2	5.2	5.7
* BLUE MAGIC (A99-2897)	3	5.5	4.5	6.5	7.1	5.1	6.1	5.1	5.7
RAD-1776	28	5.6	4.2	6.5	7.1	5.0	6.2	5.2	5.7
A11-26	67	5.5	4.6	6.4	7.0	5.0	6.0	5.0	5.7

TABLE 11.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	ENTRY #	CT1	NJ1	MD1	TN1	OK1	NE1	UT1	MEAN
BAR PP 7309V	21	5.6	4.7	6.4	6.9	4.8	6.1	5.0	5.6
BAR PP 79366	22	5.4	4.4	6.4	7.1	5.0	6.0	5.1	5.6
* YELLOWSTONE (A12-7)	14	5.7	3.4	6.6	7.2	5.0	6.4	5.2	5.6
PST-T14-39	89	5.6	4.9	6.4	6.8	4.7	6.0	5.0	5.6
PPG-KB 1320	68	5.7	5.4	6.4	6.4	4.3	6.0	4.8	5.6
DLFPS-340/3455	59	5.5	4.3	6.4	6.9	4.8	6.1	5.0	5.6
DLFPS-340/3548	57	5.5	4.8	6.4	6.7	4.6	6.0	4.9	5.6
A16-7	65	5.5	4.6	6.4	6.8	4.7	6.0	4.9	5.6
A15-6	75	5.4	4.5	6.3	6.9	4.8	6.0	5.0	5.6
* PALOMA (PST-K13-139)	80	5.6	4.7	6.4	6.6	4.5	6.0	4.9	5.5
NAI-14-128	36	5.5	4.0	6.4	6.9	4.8	6.1	5.0	5.5
DLFPS-340/3444	58	5.5	4.0	6.4	6.9	4.8	6.1	5.0	5.5
J-2726	18	5.5	4.8	6.3	6.6	4.5	6.0	4.9	5.5
DLFPS-340/3438	55	5.4	4.0	6.3	7.0	4.9	6.0	5.0	5.5
* DUBLIN (PST-K15-157)	83	5.6	3.6	6.4	7.0	4.8	6.2	5.1	5.5
A16-17	76	5.3	3.6	6.3	7.2	5.1	6.0	5.1	5.5
NAI-14-122	34	5.5	3.3	6.4	7.1	4.9	6.2	5.1	5.5
A11-38	69	5.6	3.6	6.4	6.9	4.7	6.2	5.0	5.5
A12-34	66	5.4	4.3	6.3	6.8	4.7	6.0	4.9	5.5
A16-1	64	5.5	2.8	6.4	7.2	4.9	6.3	5.2	5.5
DLFPS-340/3549	56	5.4	4.0	6.3	6.9	4.7	6.0	4.9	5.5
NAI-14-132	37	5.5	3.1	6.4	7.0	4.8	6.2	5.1	5.4
* COMANCHE (NAI-14-176)	39	5.5	3.3	6.4	7.0	4.8	6.2	5.1	5.4
J-1319	17	5.4	5.7	6.2	6.2	4.2	5.7	4.6	5.4
DLFPS-340/3556	51	5.3	3.7	6.3	7.0	4.9	6.0	5.0	5.4
MVS-130	63	5.4	3.1	6.3	7.0	4.9	6.1	5.1	5.4
RAD 553	6	5.4	3.6	6.3	6.9	4.8	6.1	5.0	5.4
NAI-15-80	31	5.5	2.9	6.4	7.1	4.9	6.2	5.1	5.4
PST-K15-167	85	5.4	5.1	6.2	6.4	4.4	5.8	4.7	5.4
DLFPS-340/3446	50	5.4	3.5	6.3	7.0	4.8	6.0	5.0	5.4
* AVIATOR II (NAI-15-84)	42	5.5	3.4	6.3	6.9	4.7	6.1	5.0	5.4
DLFPS-340/3364	49	5.2	3.7	6.2	6.8	4.7	5.9	4.8	5.3
* AMAZE (NAI-14-133)	38	5.3	2.8	6.2	7.0	4.8	6.0	5.0	5.3
* HEARTLAND (NAI-14-187)	41	5.3	3.5	6.2	6.7	4.5	5.9	4.8	5.3
BAR PP 71213	20	5.2	3.2	6.1	6.8	4.7	5.9	4.8	5.2
NK-1	12	5.1	2.7	6.1	7.0	4.8	5.9	4.9	5.2
* BLUE KNIGHT	5	5.1	3.2	6.0	6.6	4.4	5.7	4.7	5.1
* KENBLUE	79	4.9	3.4	5.8	6.5	4.4	5.5	4.5	5.0
LSD VALUE		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)		12.5	14.1	10.9	10.3	14.6	11.6	13.9	12.4

* COMMERCIALY AVAILABLE IN THE USA IN 2022

** 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 12. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2021 DATA

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

NAME	ENTRY #	NJ2	VA1	NC1	MEAN
BARSERATI (BAR PP 110358)	27	7.1	7.4	5.0	6.5
PPG-KB 1304	74	7.0	7.2	4.8	6.3
STARR (GO-2628)	47	6.7	7.3	4.9	6.3
BOMBAY (GO-22B23)	46	6.5	7.3	5.0	6.3
SKYE	45	6.3	7.1	4.7	6.0
CLOUD (GO-2425)	48	6.2	7.1	4.8	6.0
A13-1	2	6.6	6.8	4.5	6.0
BARVETTE HGT®	23	6.4	6.9	4.6	6.0
SYRAH (LTP-11-41)	4	6.4	6.9	4.6	6.0
A16-17	76	6.6	6.8	4.5	6.0
BAR PP 79366	22	6.5	6.8	4.5	5.9
J-1138	16	6.2	7.0	4.6	5.9
DLFPS-340/3550	60	6.3	6.9	4.6	5.9
DLFPS-340/3552	62	6.3	6.9	4.6	5.9
BLUE MAGIC (A99-2897)	3	6.5	6.8	4.5	5.9
BLUE GEM (NAI-13-9)	32	5.9	7.0	4.7	5.8
BAR PP 7236V	25	6.1	6.8	4.5	5.8
MIDNIGHT	88	5.8	6.9	4.6	5.8
DLFPS-340/3553	52	6.2	6.8	4.5	5.8
ACOUSTIC (PPG-KB 1131)	70	5.8	6.9	4.6	5.8
PST-K15-172	87	5.9	6.7	4.4	5.7
A11-26	67	6.1	6.6	4.3	5.7
ELECTRIC (PST-K11-118)	82	5.8	6.8	4.5	5.7
NURUSH (J-3510)	19	5.8	6.7	4.4	5.7
BLUE DEVIL	44	5.7	6.7	4.4	5.6
UNITED (NAI-13-14)	33	5.6	6.7	4.4	5.5
DLFPS-340/3500	54	5.7	6.5	4.3	5.5
BAR PP 79494	26	5.5	6.6	4.3	5.5
A11-40	1	5.5	6.6	4.3	5.5
AKB3128	9	5.6	6.5	4.2	5.4
BAR PP 7K426	24	5.4	6.5	4.2	5.4
A15-6	75	5.6	6.3	4.1	5.3
DLFPS-340/3551	61	5.5	6.4	4.1	5.3
A10-280	71	5.4	6.4	4.1	5.3
DLFPS-340/3556	51	5.5	6.2	4.0	5.2
SUPER MOON (PST-K13-141)	81	5.2	6.4	4.1	5.2
TWILIGHT (NAI-13-132)	30	5.0	6.5	4.2	5.2
SELWAY	7	5.3	6.3	4.0	5.2
JERSEY (NAI-A16-3)	29	5.0	6.3	4.0	5.1
KH3492	13	4.8	6.3	4.0	5.1
DLFPS-340/3438	55	5.1	6.1	3.9	5.0
BABE	8	4.9	6.2	4.0	5.0
SHADOW HAWK (A16-2)	73	4.7	6.2	4.0	5.0
AKB3179	10	4.8	6.1	3.9	4.9
RAD-1776	28	4.8	6.1	3.9	4.9
FINISH LINE (NAI-14-178)	40	4.7	6.1	3.9	4.9
ORION (PST-K13-143)	35	4.7	6.1	3.9	4.9
A06-8	78	4.7	6.1	3.9	4.9
AFTER MIDNIGHT	15	4.5	6.2	3.9	4.9
AKB3241	11	4.6	6.1	3.9	4.8
DLFPS-340/3364	49	4.8	5.9	3.6	4.8
NK-1	12	4.8	5.8	3.6	4.7

TABLE 12. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2021 DATA

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

NAME	ENTRY #	NJ2	VA1	NC1	MEAN
DLFPS-340/3446	50	4.7	5.9	3.6	4.7
BAR PP 7309V	21	4.5	5.9	3.7	4.7
DLFPS-340/3455	59	4.5	5.9	3.6	4.7
DLFPS-340/3549	56	4.6	5.8	3.6	4.7
A12-34	66	4.5	5.8	3.6	4.6
PST-T14-39	89	4.3	5.8	3.6	4.6
PIVOT	43	4.2	5.9	3.6	4.6
KENBLUE	79	4.6	5.6	3.4	4.5
BAR PP 71213	20	4.4	5.7	3.4	4.5
DLFPS-340/3548	57	4.2	5.8	3.5	4.5
DLFPS-340/3444	58	4.2	5.7	3.5	4.5
A16-7	65	4.2	5.7	3.5	4.5
NAI-14-122	34	4.2	5.7	3.5	4.5
AMAZE (NAI-14-133)	38	4.2	5.6	3.4	4.4
NAI-14-128	36	4.0	5.7	3.4	4.4
MVS-130	63	4.0	5.6	3.4	4.3
RAD 553	6	4.0	5.6	3.4	4.3
NAI-15-80	31	3.7	5.5	3.3	4.2
PST-K15-167	85	3.8	5.5	3.2	4.2
PROSPERITY	77	3.4	5.6	3.4	4.1
SHAMROCK	72	3.5	5.6	3.4	4.1
A16-1	64	3.6	5.5	3.3	4.1
J-2726	18	3.6	5.5	3.3	4.1
DUBLIN (PST-K15-157)	83	3.4	5.4	3.2	4.0
NAI-14-132	37	3.4	5.4	3.2	4.0
PALOMA (PST-K13-139)	80	3.4	5.4	3.2	4.0
YELLOWSTONE (A12-7)	14	3.3	5.4	3.2	4.0
BLUE KNIGHT	5	3.6	5.2	3.0	3.9
J-1319	17	3.4	5.3	3.1	3.9
HEARTLAND (NAI-14-187)	41	3.4	5.3	3.1	3.9
COMANCHE (NAI-14-176)	39	3.3	5.3	3.1	3.9
A11-38	69	3.1	5.2	3.1	3.8
AVIATOR II (NAI-15-84)	42	3.0	5.1	3.0	3.7
NEW MOON (PST-K15-177)	86	2.4	5.2	3.0	3.6
DLFPS-340/3494	53	2.5	5.1	3.0	3.5
PPG-KB 1320	68	2.3	4.9	2.8	3.3
PST-11-7	84	1.7	4.9	2.7	3.1
LSD VALUE		1.1	1.1	1.1	1.1
C.V. (%)		14.7	11.6	18.4	14.4

* 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 13. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2021 DATA

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

NAME	ENTRY #	MN1	IA1	ND1	MEAN
YELLOWSTONE (A12-7)	14	5.1	5.3	7.1	5.8
A16-1	64	5.0	5.4	7.0	5.8
KH3492	13	5.0	5.2	6.9	5.7
ELECTRIC (PST-K11-118)	82	5.0	5.3	6.8	5.7
AKB3241	11	4.9	5.2	6.9	5.7
NAI-15-80	31	4.9	5.3	6.9	5.7
SKYE	45	5.0	5.3	6.8	5.7
BLUE GEM (NAI-13-9)	32	5.0	5.1	6.9	5.7
NAI-14-132	37	4.9	5.2	6.9	5.7
SUPER MOON (PST-K13-141)	81	4.9	5.3	6.8	5.7
CLOUD (GO-2425)	48	5.0	5.2	6.8	5.6
NAI-14-122	34	4.9	5.2	6.8	5.6
COMANCHE (NAI-14-176)	39	4.9	5.1	6.9	5.6
BOMBAY (GO-22B23)	46	5.0	5.1	6.8	5.6
A11-38	69	4.8	5.1	6.9	5.6
DUBLIN (PST-K15-157)	83	4.8	5.1	6.8	5.6
MVS-130	63	4.8	5.2	6.8	5.6
BAR PP 7236V	25	4.9	5.2	6.7	5.6
SHAMROCK	72	4.8	5.0	6.9	5.6
BAR PP 79494	26	4.9	5.1	6.7	5.6
MIDNIGHT	88	4.9	5.0	6.8	5.6
FINISH LINE (NAI-14-178)	40	4.8	5.1	6.8	5.6
RAD-1776	28	4.8	5.1	6.7	5.6
AVIATOR II (NAI-15-84)	42	4.8	5.0	6.8	5.5
AKB3179	10	4.8	5.1	6.7	5.5
BARVETTE HGT®	23	4.8	5.2	6.6	5.5
A06-8	78	4.8	5.1	6.7	5.5
AMAZE (NAI-14-133)	38	4.8	5.2	6.6	5.5
BABE	8	4.8	5.0	6.7	5.5
STARR (GO-2628)	47	4.8	5.1	6.6	5.5
SHADOW HAWK (A16-2)	73	4.8	5.0	6.7	5.5
TWILIGHT (NAI-13-132)	30	4.8	4.9	6.7	5.5
DLFPS-340/3552	62	4.8	5.1	6.5	5.5
A13-1	2	4.7	5.2	6.4	5.5
RAD 553	6	4.7	5.0	6.6	5.5
NAI-14-128	36	4.7	5.0	6.7	5.5
PPG-KB 1304	74	4.8	5.2	6.4	5.5
DLFPS-340/3553	52	4.7	5.1	6.5	5.4
DLFPS-340/3444	58	4.7	5.0	6.6	5.4
A10-280	71	4.7	5.0	6.6	5.4
SYRAH (LTP-11-41)	4	4.7	5.1	6.5	5.4
AKB3128	9	4.7	5.1	6.5	5.4
UNITED (NAI-13-14)	33	4.7	4.9	6.6	5.4
DLFPS-340/3446	50	4.7	5.1	6.5	5.4
BARSERATI (BAR PP 110358)	27	4.8	5.0	6.5	5.4
J-1138	16	4.7	4.9	6.5	5.4
DLFPS-340/3500	54	4.7	5.0	6.5	5.4
DLFPS-340/3455	59	4.7	5.0	6.6	5.4
PROSPERITY	77	4.7	4.7	6.8	5.4
BLUE MAGIC (A99-2897)	3	4.7	5.1	6.4	5.4
NK-1	12	4.6	5.1	6.4	5.4
A16-17	76	4.7	5.2	6.3	5.4

TABLE 13. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2021 DATA

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

NAME	ENTRY #	MN1	IA1	ND1	MEAN
JERSEY (NAI-A16-3)	29	4.7	4.9	6.6	5.4
BAR PP 7309V	21	4.6	4.9	6.5	5.4
DLFPS-340/3494	53	4.7	4.6	6.8	5.4
DLFPS-340/3438	55	4.6	5.0	6.5	5.4
DLFPS-340/3551	61	4.6	5.0	6.5	5.4
ACOUSTIC (PPG-KB 1131)	70	4.7	4.8	6.6	5.4
A11-40	1	4.7	4.8	6.6	5.4
BAR PP 7K426	24	4.6	4.9	6.5	5.3
NURUSH (J-3510)	19	4.7	4.9	6.5	5.3
DLFPS-340/3549	56	4.6	4.9	6.5	5.3
DLFPS-340/3556	51	4.6	5.0	6.4	5.3
HEARTLAND (NAI-14-187)	41	4.6	4.8	6.5	5.3
ORION (PST-K13-143)	35	4.6	4.8	6.5	5.3
BAR PP 79366	22	4.6	5.0	6.3	5.3
A16-7	65	4.6	4.8	6.5	5.3
PST-11-7	84	4.6	4.4	6.9	5.3
PALOMA (PST-K13-139)	80	4.6	4.7	6.6	5.3
A11-26	67	4.6	5.0	6.3	5.3
PST-T14-39	89	4.6	4.8	6.5	5.3
PIVOT	43	4.6	4.7	6.6	5.3
BAR PP 71213	20	4.5	4.9	6.4	5.3
AFTER MIDNIGHT	15	4.6	4.6	6.6	5.3
A12-34	66	4.5	4.8	6.4	5.3
NEW MOON (PST-K15-177)	86	4.6	4.4	6.8	5.3
PST-K15-172	87	4.6	4.8	6.4	5.3
DLFPS-340/3550	60	4.6	4.8	6.3	5.3
DLFPS-340/3548	57	4.5	4.7	6.4	5.2
J-2726	18	4.5	4.7	6.5	5.2
DLFPS-340/3364	49	4.5	4.9	6.3	5.2
A15-6	75	4.5	4.9	6.3	5.2
PPG-KB 1320	68	4.5	4.5	6.6	5.2
BLUE DEVIL	44	4.5	4.7	6.4	5.2
BLUE KNIGHT	5	4.4	4.7	6.3	5.2
SELWAY	7	4.4	4.6	6.3	5.1
PST-K15-167	85	4.3	4.4	6.3	5.0
KENBLUE	79	4.2	4.5	6.0	4.9
J-1319	17	4.2	4.2	6.2	4.9
LSD VALUE		1.1	1.1	1.1	1.1
C.V. (%)		15.2	14.4	10.8	13.2

* 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 14. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2021 DATA

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

NAME	ENTRY #	IN1	MI1	MEAN
PPG-KB 1304	74	6.2	6.9	6.5
BARSERATI (BAR PP 110358)	27	6.1	6.9	6.5
A13-1	2	6.1	6.8	6.5
A16-17	76	6.2	6.7	6.5
SKYE	45	6.1	6.8	6.4
STARR (GO-2628)	47	6.0	6.8	6.4
BOMBAY (GO-22B23)	46	6.0	6.8	6.4
BARVETTE HGT®	23	6.1	6.8	6.4
BLUE MAGIC (A99-2897)	3	6.0	6.7	6.4
CLOUD (GO-2425)	48	5.9	6.8	6.3
BAR PP 79366	22	6.0	6.7	6.3
BAR PP 7236V	25	6.0	6.7	6.3
SYRAH (LTP-11-41)	4	6.0	6.7	6.3
DLFPS-340/3552	62	6.0	6.7	6.3
DLFPS-340/3553	52	5.9	6.6	6.3
ELECTRIC (PST-K11-118)	82	5.9	6.7	6.3
BLUE GEM (NAI-13-9)	32	5.8	6.7	6.2
J-1138	16	5.8	6.6	6.2
A11-26	67	5.8	6.5	6.2
MIDNIGHT	88	5.7	6.6	6.1
DLFPS-340/3550	60	5.7	6.5	6.1
SUPER MOON (PST-K13-141)	81	5.8	6.5	6.1
AKB3128	9	5.7	6.5	6.1
DLFPS-340/3500	54	5.7	6.5	6.1
BAR PP 79494	26	5.7	6.5	6.1
DLFPS-340/3556	51	5.7	6.4	6.0
PST-K15-172	87	5.6	6.4	6.0
UNITED (NAI-13-14)	33	5.6	6.4	6.0
NURUSH (J-3510)	19	5.6	6.4	6.0
DLFPS-340/3551	61	5.6	6.4	6.0
A10-280	71	5.6	6.4	6.0
KH3492	13	5.6	6.4	6.0
ACOUSTIC (PPG-KB 1131)	70	5.5	6.4	6.0
A15-6	75	5.6	6.3	5.9
BAR PP 7K426	24	5.5	6.3	5.9
RAD-1776	28	5.5	6.3	5.9
AKB3241	11	5.5	6.3	5.9
DLFPS-340/3438	55	5.5	6.3	5.9
A11-40	1	5.4	6.3	5.9
AKB3179	10	5.5	6.3	5.9
NK-1	12	5.5	6.2	5.9
BABE	8	5.4	6.3	5.9
BLUE DEVIL	44	5.4	6.3	5.9
A06-8	78	5.4	6.2	5.8
TWILIGHT (NAI-13-132)	30	5.4	6.3	5.8
FINISH LINE (NAI-14-178)	40	5.4	6.2	5.8
DLFPS-340/3446	50	5.4	6.1	5.8
JERSEY (NAI-A16-3)	29	5.4	6.2	5.8
NAI-14-122	34	5.4	6.1	5.8
SHADOW HAWK (A16-2)	73	5.3	6.2	5.8
AMAZE (NAI-14-133)	38	5.4	6.1	5.7
DLFPS-340/3364	49	5.4	6.1	5.7
A16-1	64	5.3	6.1	5.7

TABLE 14. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	ENTRY #	IN1	MI1	MEAN
MVS-130	63	5.3	6.1	5.7
DLFPS-340/3455	59	5.3	6.1	5.7
SELWAY	7	5.3	6.1	5.7
DLFPS-340/3549	56	5.3	6.0	5.7
NAI-15-80	31	5.3	6.0	5.7
BAR PP 7309V	21	5.3	6.1	5.7
ORION (PST-K13-143)	35	5.2	6.1	5.7
DLFPS-340/3444	58	5.3	6.0	5.6
BAR PP 71213	20	5.3	6.0	5.6
YELLOWSTONE (A12-7)	14	5.2	6.0	5.6
A12-34	66	5.2	6.0	5.6
RAD 553	6	5.2	6.0	5.6
NAI-14-128	36	5.2	6.0	5.6
NAI-14-132	37	5.2	5.9	5.5
PST-T14-39	89	5.1	5.9	5.5
A16-7	65	5.1	5.9	5.5
DUBLIN (PST-K15-157)	83	5.1	5.9	5.5
AFTER MIDNIGHT	15	5.0	6.0	5.5
DLFPS-340/3548	57	5.1	5.9	5.5
COMANCHE (NAI-14-176)	39	5.1	5.9	5.5
KENBLUE	79	5.1	5.8	5.4
PIVOT	43	5.0	5.9	5.4
SHAMROCK	72	5.0	5.9	5.4
A11-38	69	5.0	5.8	5.4
AVIATOR II (NAI-15-84)	42	4.9	5.7	5.3
HEARTLAND (NAI-14-187)	41	4.9	5.7	5.3
J-2726	18	4.8	5.7	5.3
BLUE KNIGHT	5	4.9	5.6	5.3
PROSPERITY	77	4.7	5.7	5.2
PALOMA (PST-K13-139)	80	4.8	5.6	5.2
PST-K15-167	85	4.7	5.6	5.1
DLFPS-340/3494	53	4.4	5.4	4.9
J-1319	17	4.4	5.3	4.9
PPG-KB 1320	68	4.3	5.3	4.8
NEW MOON (PST-K15-177)	86	4.2	5.3	4.7
PST-11-7	84	4.0	5.1	4.5
LSD VALUE		1.1	1.1	1.1
C.V. (%)		13.2	11.5	12.3

* 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 15.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2022 DATA

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

NAME	ENTRY #	NJ1	NJ2	MD1	VA1	NC1	IN1	MI1	MN1	OK1	UT1	MEAN
* STARR (GO-2628)	47	6.3	6.7	6.9	7.5	5.3	5.9	7.1	4.7	6.0	5.5	6.5
* BARSERATI (BAR PP 110358)	27	6.3	6.7	6.7	7.4	5.3	5.8	7.0	4.5	5.9	5.3	6.5
* BARVETTE HGT®	23	5.8	6.8	6.8	7.4	5.2	5.8	7.0	4.5	5.9	5.3	6.4
J-1138	16	5.6	6.7	6.6	7.3	5.1	5.7	6.9	4.4	5.8	5.2	6.3
BOMBAY (GO-22B23)	46	6.1	6.1	6.8	7.2	4.9	5.7	6.8	4.6	5.7	5.4	6.2
CLOUD (GO-2425)	48	5.2	6.2	6.9	7.2	4.7	5.8	7.0	4.7	5.7	5.5	6.1
PPG-KB 1304	74	5.0	6.5	6.7	7.2	4.8	5.7	7.0	4.5	5.7	5.3	6.1
* SKYE	45	5.1	6.4	6.7	7.2	4.7	5.7	6.9	4.6	5.7	5.3	6.1
* MIDNIGHT	88	5.3	6.2	6.7	7.1	4.7	5.7	6.9	4.5	5.7	5.3	6.1
A11-26	67	5.8	6.3	6.5	7.1	4.9	5.5	6.7	4.3	5.6	5.1	6.1
* SYRAH (LTP-11-41)	4	4.2	6.5	6.7	7.1	4.5	5.7	7.0	4.5	5.6	5.2	5.9
BAR PP 7236V	25	5.0	6.1	6.6	7.0	4.5	5.6	6.8	4.5	5.5	5.2	5.9
* ACOUSTIC (PPG-KB 1131)	70	5.7	5.9	6.4	6.9	4.6	5.4	6.5	4.3	5.4	5.1	5.9
* BLUE MAGIC (A99-2897)	3	3.9	6.4	6.8	7.1	4.4	5.8	7.1	4.6	5.6	5.3	5.9
DLFPS-340/3550	60	5.7	5.8	6.5	6.8	4.5	5.4	6.6	4.4	5.4	5.2	5.9
* BLUE GEM (NAI-13-9)	32	4.9	5.9	6.7	6.9	4.4	5.6	6.8	4.6	5.5	5.3	5.9
DLFPS-340/3553	52	5.2	6.0	6.5	6.9	4.5	5.5	6.6	4.3	5.4	5.1	5.9
A11-40	1	5.1	5.8	6.5	6.8	4.4	5.4	6.6	4.4	5.4	5.1	5.8
BAR PP 79494	26	4.2	6.2	6.6	6.9	4.3	5.6	6.8	4.4	5.5	5.1	5.8
* UNITED (NAI-13-14)	33	4.6	5.9	6.6	6.8	4.2	5.5	6.7	4.5	5.4	5.2	5.8
A10-280	71	6.1	5.0	6.6	6.6	4.2	5.3	6.3	4.5	5.2	5.3	5.7
PST-K15-172	87	5.0	5.6	6.5	6.7	4.2	5.4	6.5	4.4	5.3	5.1	5.7
DLFPS-340/3552	62	3.7	6.2	6.6	6.8	4.2	5.5	6.8	4.4	5.4	5.0	5.7
* BLUE DEVIL	44	4.5	5.8	6.5	6.7	4.2	5.4	6.6	4.3	5.3	5.0	5.7
* NURUSH (J-3510)	19	4.3	5.6	6.6	6.7	4.0	5.5	6.7	4.5	5.3	5.2	5.6
* SELWAY	7	6.5	4.8	6.4	6.5	4.2	5.1	6.1	4.3	5.1	5.1	5.6
* AFTER MIDNIGHT	15	5.9	4.8	6.6	6.5	4.0	5.3	6.3	4.5	5.1	5.3	5.6
* SUPER MOON (PST-K13-141)	81	4.3	5.3	6.8	6.6	3.8	5.5	6.7	4.7	5.3	5.4	5.6
A16-17	76	2.3	6.8	6.5	6.8	4.1	5.5	6.9	4.2	5.4	4.8	5.6
A15-6	75	5.1	5.3	6.4	6.5	4.0	5.2	6.3	4.3	5.1	5.0	5.5
* ELECTRIC (PST-K11-118)	82	4.8	4.9	6.7	6.5	3.7	5.4	6.5	4.6	5.1	5.4	5.5
AKB3241	11	3.9	5.3	6.6	6.5	3.7	5.4	6.6	4.5	5.2	5.2	5.5
* TWILIGHT (NAI-13-132)	30	4.6	5.1	6.5	6.4	3.8	5.3	6.4	4.4	5.1	5.2	5.4
A13-1	2	3.1	5.8	6.5	6.5	3.7	5.4	6.6	4.3	5.2	4.9	5.4
KH3492	13	3.8	5.3	6.6	6.4	3.7	5.3	6.5	4.4	5.1	5.1	5.4
BAR PP 7K426	24	3.8	5.4	6.4	6.4	3.7	5.3	6.5	4.3	5.1	5.0	5.4
* ORION (PST-K13-143)	35	4.5	5.0	6.4	6.4	3.7	5.2	6.3	4.3	5.0	5.1	5.4
DLFPS-340/3500	54	5.0	4.5	6.5	6.2	3.6	5.1	6.2	4.5	4.9	5.2	5.3
BAR PP 79366	22	4.5	4.8	6.5	6.3	3.6	5.2	6.3	4.4	5.0	5.1	5.3
RAD-1776	28	3.8	5.1	6.5	6.3	3.6	5.2	6.4	4.4	5.0	5.1	5.3
* BABE	8	4.2	5.1	6.3	6.3	3.7	5.1	6.3	4.2	4.9	4.9	5.3
DLFPS-340/3551	61	3.1	5.5	6.5	6.4	3.6	5.3	6.6	4.3	5.1	5.0	5.3
AKB3179	10	3.5	4.9	6.7	6.3	3.4	5.4	6.6	4.6	5.0	5.3	5.3
AKB3128	9	3.3	5.2	6.5	6.3	3.4	5.3	6.5	4.4	5.0	5.1	5.2
* JERSEY (NAI-A16-3)	29	4.3	4.8	6.3	6.2	3.5	5.1	6.2	4.3	4.9	5.0	5.2
SHADOW HAWK (A16-2)	73	4.2	4.8	6.4	6.2	3.5	5.1	6.3	4.3	4.9	5.0	5.2
DLFPS-340/3549	56	4.8	4.6	6.2	6.1	3.5	4.9	6.0	4.2	4.8	4.9	5.2
PST-T14-39	89	4.4	4.8	6.2	6.1	3.5	5.0	6.1	4.1	4.8	4.8	5.1
A06-8	78	3.2	4.9	6.6	6.2	3.2	5.3	6.5	4.5	4.9	5.2	5.1
BAR PP 7309V	21	3.3	5.2	6.3	6.2	3.4	5.1	6.3	4.2	4.9	4.8	5.1
DLFPS-340/3444	58	3.4	5.1	6.3	6.2	3.4	5.0	6.3	4.1	4.8	4.8	5.1
NAI-14-122	34	3.6	4.5	6.5	6.1	3.2	5.1	6.3	4.5	4.8	5.1	5.1

TABLE 15.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2022 DATA

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

NAME	ENTRY #	NJ1	NJ2	MD1	VA1	NC1	IN1	MI1	MN1	OK1	UT1	MEAN
DLFPS-340/3548	57	5.2	4.1	6.2	5.9	3.3	4.8	5.8	4.2	4.6	5.0	5.1
* AMAZE (NAI-14-133)	38	3.4	4.8	6.4	6.1	3.2	5.1	6.3	4.3	4.8	5.0	5.0
NK-1	12	2.4	5.5	6.3	6.2	3.3	5.1	6.5	4.1	4.9	4.7	5.0
NAI-14-128	36	3.8	4.3	6.6	6.0	3.1	5.1	6.3	4.6	4.8	5.3	5.0
* BLUE KNIGHT	5	3.3	5.1	6.2	6.1	3.4	5.0	6.2	4.0	4.8	4.7	5.0
DLFPS-340/3364	49	2.8	5.3	6.2	6.2	3.4	5.0	6.3	4.0	4.8	4.7	5.0
DLFPS-340/3494	53	5.5	3.5	6.4	5.8	3.1	4.8	5.8	4.4	4.5	5.2	5.0
RAD 553	6	3.8	4.5	6.3	6.0	3.2	5.0	6.1	4.3	4.7	4.9	5.0
* PIVOT	43	4.7	3.9	6.3	5.9	3.1	4.9	5.9	4.3	4.6	5.1	5.0
DLFPS-340/3438	55	3.5	4.7	6.3	6.0	3.2	5.0	6.2	4.2	4.7	4.9	5.0
* KENBLUE	79	4.1	4.7	6.0	6.0	3.4	4.7	5.9	3.8	4.6	4.6	5.0
NAI-15-80	31	2.0	5.0	6.6	6.1	2.9	5.2	6.5	4.4	4.8	5.0	4.9
DLFPS-340/3455	59	3.5	4.6	6.2	6.0	3.1	4.9	6.1	4.1	4.6	4.8	4.9
MVS-130	63	3.9	4.0	6.5	5.9	2.9	5.0	6.1	4.5	4.6	5.1	4.9
DLFPS-340/3556	51	3.0	4.5	6.4	6.0	3.0	5.0	6.2	4.3	4.7	4.9	4.9
* FINISH LINE (NAI-14-178)	40	2.9	4.3	6.5	5.9	2.8	5.1	6.3	4.5	4.6	5.1	4.8
* YELLOWSTONE (A12-7)	14	4.3	3.6	6.4	5.7	2.8	4.9	5.9	4.5	4.5	5.2	4.8
A12-34	66	2.9	4.4	6.4	5.9	2.8	5.0	6.2	4.4	4.6	5.0	4.8
J-2726	18	4.8	3.5	6.3	5.7	2.9	4.7	5.8	4.3	4.4	5.0	4.8
PST-K15-167	85	3.7	4.3	6.2	5.8	3.0	4.8	6.0	4.1	4.5	4.8	4.8
* HEARTLAND (NAI-14-187)	41	3.3	4.2	6.3	5.8	2.9	4.9	6.1	4.3	4.6	5.0	4.8
* PROSPERITY	77	4.4	3.5	6.4	5.7	2.8	4.8	5.9	4.4	4.4	5.1	4.8
* DUBLIN (PST-K15-157)	83	2.6	4.2	6.6	5.9	2.7	5.1	6.3	4.6	4.6	5.2	4.8
PST-11-7	84	6.7	2.4	6.3	5.4	2.8	4.5	5.3	4.4	4.2	5.2	4.8
DLFPS-340/3446	50	2.5	4.6	6.4	5.9	2.8	5.0	6.2	4.3	4.6	4.9	4.8
* SHAMROCK	72	3.3	4.2	6.3	5.8	2.8	4.8	6.0	4.2	4.5	4.9	4.8
A16-7	65	2.6	4.4	6.2	5.8	2.8	4.9	6.1	4.1	4.5	4.8	4.7
* NEW MOON (PST-K15-177)	86	4.3	3.3	6.4	5.6	2.6	4.8	5.8	4.5	4.4	5.2	4.7
BAR PP 71213	20	2.7	4.3	6.1	5.7	2.7	4.8	6.0	4.0	4.4	4.7	4.6
J-1319	17	2.7	4.4	6.1	5.7	2.7	4.7	5.9	3.9	4.4	4.6	4.6
NAI-14-132	37	2.9	3.8	6.4	5.7	2.5	4.9	6.0	4.4	4.4	5.0	4.6
PPG-KB 1320	68	4.1	3.3	6.2	5.5	2.5	4.6	5.7	4.3	4.2	5.0	4.6
A11-38	69	2.5	3.9	6.4	5.6	2.4	4.9	6.1	4.4	4.4	5.0	4.5
* AVIATOR II (NAI-15-84)	42	2.7	3.8	6.3	5.6	2.4	4.8	6.0	4.3	4.3	4.9	4.5
* PALOMA (PST-K13-139)	80	3.0	3.6	6.2	5.5	2.4	4.7	5.8	4.2	4.2	4.8	4.4
A16-1	64	2.0	4.1	6.2	5.6	2.4	4.8	6.0	4.2	4.3	4.8	4.4
* COMANCHE (NAI-14-176)	39	2.9	3.3	6.5	5.5	2.2	4.8	5.9	4.5	4.3	5.1	4.4
LSD VALUE		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)		16.2	13.5	10.4	10.7	18.8	13.0	10.6	15.5	13.6	13.3	12.7

* COMMERCIALY AVAILABLE IN THE USA IN 2023.

** 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 16. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2022 DATA

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

NAME	ENTRY #	CT1	TN1	IA1	NE1	ND1	MEAN
BLUE MAGIC (A99-2897)	3	6.5	6.9	6.9	6.6	6.8	6.8
CLOUD (GO-2425)	48	6.6	6.9	6.7	6.6	6.9	6.7
STARR (GO-2628)	47	6.6	6.9	6.6	6.6	6.8	6.7
SUPER MOON (PST-K13-141)	81	6.6	6.8	6.5	6.5	7.0	6.7
AKB3179	10	6.5	6.8	6.5	6.5	7.0	6.7
BLUE GEM (NAI-13-9)	32	6.5	6.8	6.5	6.5	6.8	6.6
SKYE	45	6.5	6.8	6.6	6.5	6.7	6.6
SYRAH (LTP-11-41)	4	6.4	6.8	6.7	6.5	6.7	6.6
DUBLIN (PST-K15-157)	83	6.5	6.7	6.4	6.4	7.0	6.6
PPG-KB 1304	74	6.4	6.8	6.6	6.5	6.7	6.6
BOMBAY (GO-22B23)	46	6.5	6.8	6.4	6.5	6.8	6.6
NAI-15-80	31	6.4	6.7	6.7	6.4	6.9	6.6
BARVETTE HGT®	23	6.5	6.8	6.6	6.5	6.6	6.6
ELECTRIC (PST-K11-118)	82	6.5	6.7	6.3	6.5	6.9	6.6
MIDNIGHT	88	6.4	6.8	6.5	6.5	6.7	6.6
AKB3241	11	6.4	6.7	6.5	6.4	6.8	6.6
A06-8	78	6.4	6.7	6.5	6.4	6.9	6.6
NURUSH (J-3510)	19	6.4	6.7	6.5	6.4	6.7	6.6
NAI-14-128	36	6.5	6.6	6.2	6.4	7.0	6.5
UNITED (NAI-13-14)	33	6.4	6.7	6.5	6.4	6.7	6.5
BARSERATI (BAR PP 110358)	27	6.4	6.7	6.5	6.4	6.6	6.5
BAR PP 79494	26	6.3	6.7	6.6	6.4	6.6	6.5
FINISH LINE (NAI-14-178)	40	6.4	6.6	6.3	6.3	6.9	6.5
DLFPS-340/3552	62	6.3	6.7	6.6	6.3	6.6	6.5
AKB3128	9	6.3	6.6	6.4	6.3	6.7	6.5
BAR PP 7236V	25	6.4	6.7	6.5	6.4	6.6	6.5
KH3492	13	6.4	6.6	6.4	6.3	6.7	6.5
A16-17	76	6.2	6.6	6.9	6.3	6.4	6.5
NAI-14-122	34	6.4	6.6	6.2	6.3	6.8	6.5
J-1138	16	6.3	6.6	6.5	6.3	6.5	6.4
A13-1	2	6.2	6.6	6.6	6.3	6.6	6.4
DLFPS-340/3551	61	6.2	6.6	6.5	6.3	6.6	6.4
RAD-1776	28	6.3	6.6	6.3	6.3	6.7	6.4
TWILIGHT (NAI-13-132)	30	6.3	6.6	6.2	6.3	6.7	6.4
COMANCHE (NAI-14-176)	39	6.4	6.5	6.0	6.2	7.0	6.4
A12-34	66	6.3	6.5	6.3	6.2	6.7	6.4
MVS-130	63	6.3	6.5	6.0	6.2	6.8	6.4
AMAZE (NAI-14-133)	38	6.3	6.5	6.3	6.2	6.7	6.4
A11-40	1	6.3	6.5	6.3	6.3	6.6	6.4
PST-K15-172	87	6.3	6.5	6.2	6.3	6.6	6.4
A11-38	69	6.3	6.5	6.2	6.2	6.8	6.4
BAR PP 79366	22	6.3	6.5	6.1	6.2	6.7	6.4
DLFPS-340/3550	60	6.3	6.5	6.2	6.3	6.6	6.4
BLUE DEVIL	44	6.2	6.5	6.3	6.2	6.5	6.4
AFTER MIDNIGHT	15	6.4	6.5	6.0	6.3	6.7	6.4
DLFPS-340/3553	52	6.2	6.5	6.3	6.3	6.5	6.4
DLFPS-340/3500	54	6.3	6.5	6.0	6.2	6.7	6.4
BAR PP 7K426	24	6.2	6.5	6.3	6.2	6.5	6.4
A10-280	71	6.3	6.5	6.0	6.3	6.7	6.4
NAI-14-132	37	6.3	6.4	6.1	6.2	6.8	6.3
DLFPS-340/3556	51	6.2	6.4	6.2	6.2	6.7	6.3
DLFPS-340/3446	50	6.2	6.4	6.3	6.1	6.6	6.3
SHADOW HAWK (A16-2)	73	6.2	6.4	6.1	6.2	6.6	6.3

TABLE 16. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	ENTRY #	CT1	TN1	IA1	NE1	ND1	MEAN
ORION (PST-K13-143)	35	6.2	6.4	6.1	6.2	6.6	6.3
YELLOWSTONE (A12-7)	14	6.3	6.4	5.8	6.2	6.8	6.3
NEW MOON (PST-K15-177)	86	6.3	6.4	5.7	6.2	6.9	6.3
NK-1	12	6.1	6.4	6.5	6.1	6.4	6.3
A11-26	67	6.2	6.5	6.2	6.2	6.4	6.3
HEARTLAND (NAI-14-187)	41	6.2	6.4	6.0	6.1	6.7	6.3
AVIATOR II (NAI-15-84)	42	6.2	6.3	6.0	6.1	6.7	6.3
PROSPERITY	77	6.3	6.3	5.7	6.1	6.8	6.3
ACOUSTIC (PPG-KB 1131)	70	6.2	6.4	6.1	6.2	6.4	6.3
BAR PP 7309V	21	6.1	6.4	6.2	6.1	6.5	6.2
BABE	8	6.1	6.4	6.1	6.1	6.5	6.2
JERSEY (NAI-A16-3)	29	6.1	6.4	6.0	6.1	6.5	6.2
RAD 553	6	6.1	6.3	6.0	6.1	6.6	6.2
DLFPS-340/3438	55	6.1	6.4	6.1	6.1	6.5	6.2
A15-6	75	6.1	6.4	6.0	6.1	6.5	6.2
A16-1	64	6.1	6.3	6.1	6.0	6.6	6.2
A16-7	65	6.1	6.3	6.1	6.0	6.5	6.2
PIVOT	43	6.2	6.3	5.7	6.1	6.7	6.2
SHAMROCK	72	6.1	6.3	6.0	6.0	6.6	6.2
DLFPS-340/3444	58	6.0	6.3	6.1	6.0	6.4	6.2
DLFPS-340/3494	53	6.2	6.3	5.5	6.1	6.7	6.2
PALOMA (PST-K13-139)	80	6.1	6.2	5.8	6.0	6.6	6.2
DLFPS-340/3364	49	5.9	6.3	6.2	6.0	6.3	6.1
DLFPS-340/3455	59	6.0	6.3	6.0	6.0	6.4	6.1
SELWAY	7	6.1	6.3	5.7	6.1	6.5	6.1
J-2726	18	6.2	6.2	5.6	6.0	6.7	6.1
PPG-KB 1320	68	6.1	6.2	5.6	6.0	6.7	6.1
BLUE KNIGHT	5	6.0	6.2	6.1	5.9	6.3	6.1
PST-T14-39	89	6.0	6.2	5.9	6.0	6.4	6.1
PST-K15-167	85	6.0	6.2	5.8	5.9	6.4	6.1
DLFPS-340/3549	56	6.0	6.2	5.8	6.0	6.4	6.1
BAR PP 71213	20	5.9	6.2	6.0	5.9	6.4	6.1
DLFPS-340/3548	57	6.0	6.1	5.6	5.9	6.5	6.0
J-1319	17	5.9	6.1	5.9	5.8	6.3	6.0
PST-11-7	84	6.2	6.1	5.0	6.0	6.8	6.0
KENBLUE	79	5.7	6.0	5.7	5.7	6.1	5.8
LSD VALUE		1.1	1.1	1.1	1.1	1.1	1.1
C.V. (%)		10.8	10.4	10.9	10.8	10.1	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 17.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
NAME	AR1	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
STARR (GO-2628)	6.7	6.5	6.5	6.4	4.8	6.4	5.9	7.2	6.7	5.9	6.7	7.6	6.4
BARSERATI (BAR PP 110358)	6.2	6.2	5.3	7.0	5.2	6.9	6.0	6.5	6.8	6.1	6.4	7.2	6.3
BOMBAY (GO-22B23)	6.6	6.3	5.6	6.9	4.7	6.2	5.9	7.5	6.6	5.7	6.7	7.4	6.3
BARVETTE HGT®	6.4	5.7	6.8	6.9	5.4	7.2	5.7	5.7	5.9	5.9	6.5	7.5	6.3
CLOUD (GO-2425)	6.9	6.6	6.0	6.3	4.9	6.1	6.1	6.7	6.4	5.8	6.7	7.1	6.3
J-1138	6.5	6.7	6.2	6.0	5.3	6.9	6.1	6.1	6.4	5.6	6.2	6.9	6.2
PPG-KB 1304	6.2	6.4	6.3	6.9	4.6	6.2	5.8	5.4	7.0	5.5	6.3	7.4	6.2
SKYE	6.5	6.3	5.9	6.8	4.6	6.1	5.6	6.3	6.3	5.7	6.3	7.4	6.1
MIDNIGHT	7.1	6.9	6.4	6.2	4.8	6.7	5.8	6.3	5.9	5.2	6.2	6.3	6.1
BAR PP 7236V	6.2	5.9	5.9	7.0	4.8	7.5	5.4	5.4	5.8	5.7	6.3	7.2	6.1
BLUE GEM (NAI-13-9)	6.4	6.9	6.0	5.7	4.6	7.1	5.8	6.3	6.0	5.3	6.6	6.5	6.1
BAR PP 79494	6.8	6.6	6.4	5.6	5.1	7.1	5.9	5.3	5.4	5.6	6.5	6.4	6.0
SYRAH (LTP-11-41)	6.1	6.4	6.9	6.5	3.6	6.3	6.1	5.4	6.3	5.3	6.2	7.3	6.0
ACOUSTIC (PPG-KB 1131)	6.8	6.7	5.4	6.2	4.9	6.3	5.8	6.8	5.7	5.4	6.4	6.5	6.0
AFTER MIDNIGHT	7.3	7.2	4.7	5.3	5.0	7.1	5.6	6.9	5.4	5.5	6.6	6.2	6.0
NURUSH (J-3510)	6.8	6.9	6.2	6.1	4.6	6.1	5.9	6.0	6.3	5.1	6.4	6.1	6.0
ELECTRIC (PST-K11-118)	6.4	6.2	5.6	6.9	5.1	6.4	5.8	5.6	5.0	5.4	6.4	6.9	6.0
UNITED (NAI-13-14)	6.7	6.8	6.2	5.9	4.7	6.4	5.9	5.4	5.6	5.3	6.5	6.2	5.9
A11-26	6.0	6.1	6.0	5.8	4.5	6.0	5.6	5.7	6.8	5.5	6.4	6.8	5.9
DLFPS-340/3550	6.1	6.6	5.9	6.2	5.0	5.9	5.5	5.9	6.2	5.1	6.7	6.1	5.9
BLUE DEVIL	6.6	6.7	5.8	6.4	4.4	5.8	5.8	6.4	5.4	5.3	6.6	6.4	5.9
BLUE MAGIC (A99-2897)	6.2	6.2	6.0	6.3	4.5	6.5	5.8	4.0	6.6	5.6	6.5	6.5	5.9
TWILIGHT (NAI-13-132)	6.4	6.7	6.1	5.9	4.3	7.1	5.7	6.0	5.2	4.9	6.4	6.5	5.9
A10-280	6.1	5.8	5.8	6.2	4.9	6.9	5.5	4.8	5.5	5.8	6.6	6.7	5.9
A11-40	5.6	6.3	5.8	7.0	3.9	6.8	5.4	6.6	5.3	5.1	6.0	6.9	5.9
KH3492	6.3	6.5	6.3	6.5	4.2	7.1	5.6	5.4	4.9	5.3	6.2	6.4	5.9
DLFPS-340/3553	6.3	6.3	6.0	6.2	4.0	6.1	5.9	5.2	6.2	5.4	6.2	6.6	5.9
A16-17	5.9	6.2	6.6	6.1	4.2	6.0	5.6	3.8	7.0	5.7	6.2	6.4	5.8
DLFPS-340/3552	5.7	6.3	6.1	6.2	4.6	5.9	5.7	5.0	6.2	5.5	6.6	6.2	5.8
PST-K15-172	6.2	5.8	6.1	6.4	4.2	6.2	5.7	6.5	6.0	5.2	6.0	6.1	5.8
BAR PP 7K426	6.2	5.8	5.7	6.6	4.2	7.1	5.5	5.0	5.2	5.8	6.1	6.6	5.8
BAR PP 79366	6.2	6.6	5.4	6.8	4.8	6.2	5.2	4.4	6.2	5.4	6.6	5.9	5.8
AKB3128	6.1	5.8	5.5	6.4	4.4	7.3	5.5	4.8	5.6	5.1	6.4	6.6	5.8
A13-1	6.5	6.1	5.2	6.5	4.3	6.4	5.5	3.8	6.4	5.5	6.4	6.7	5.8
SHADOW HAWK (A16-2)	5.9	6.3	6.4	5.9	3.8	6.5	5.5	6.0	4.8	4.8	6.4	6.5	5.7
SUPER MOON (PST-K13-141)	6.0	5.7	6.1	6.2	4.3	6.7	5.5	4.5	5.4	5.4	6.6	5.9	5.7
JERSEY (NAI-A16-3)	6.4	6.3	5.6	6.3	4.1	6.5	6.0	6.1	5.0	5.1	5.2	6.2	5.7
SELWAY	6.0	5.5	6.0	6.0	4.1	6.3	5.8	6.1	4.6	5.2	6.4	6.6	5.7
AKB3179	6.0	5.6	6.1	6.5	3.7	7.3	6.0	5.5	4.8	5.0	6.1	6.0	5.7
AKB3241	6.4	5.8	5.8	5.9	3.7	7.3	5.9	4.9	5.1	4.9	6.3	6.4	5.7
DLFPS-340/3500	6.4	6.5	5.2	6.4	4.0	6.3	4.8	5.2	5.6	5.2	6.6	6.4	5.7
BABE	6.0	6.1	5.7	6.1	3.7	7.2	5.8	5.3	4.6	5.0	6.0	6.5	5.7
DLFPS-340/3556	6.4	6.7	6.2	6.3	3.8	6.0	5.4	4.2	6.1	5.2	6.2	5.3	5.6
BAR PP 7309V	5.9	6.0	5.6	6.0	4.5	7.1	5.7	4.4	4.7	5.3	6.0	6.4	5.6
DLFPS-340/3455	5.9	5.7	5.9	6.0	3.8	7.2	5.5	4.7	4.5	4.9	6.0	7.1	5.6
DLFPS-340/3551	5.8	6.0	5.6	6.2	4.8	6.0	5.6	4.3	5.7	5.4	6.0	5.6	5.6
A15-6	6.1	6.0	5.0	6.0	4.8	6.0	5.2	4.5	5.1	5.6	6.6	6.3	5.6
PST-T14-39	6.6	5.7	5.9	5.3	4.4	6.9	5.7	4.8	5.0	5.1	6.1	5.8	5.6

TABLE 17.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
NAME	AR1	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
FINISH LINE (NAI-14-178)	6.9	6.4	6.1	5.6	3.1	7.4	5.7	4.8	4.7	4.7	5.8	6.1	5.6
BAR PP 71213	6.2	5.9	5.6	6.4	4.0	7.1	5.4	4.0	4.9	5.4	6.0	6.1	5.6
A06-8	5.9	6.0	6.0	6.2	4.3	6.7	5.6	4.5	4.9	4.5	6.2	6.0	5.6
YELLOWSTONE (A12-7)	5.9	6.1	5.6	6.2	4.0	7.0	5.5	4.3	4.1	5.0	6.3	6.2	5.5
ORION (PST-K13-143)	6.5	5.8	5.8	6.0	3.5	6.4	5.9	5.2	4.2	5.0	5.6	6.7	5.5
RAD-1776	5.3	5.8	5.6	6.6	3.6	7.0	5.5	4.2	3.9	5.3	5.7	7.3	5.5
DLFPS-340/3438	5.8	5.7	5.1	6.6	3.8	6.5	5.5	4.0	5.3	4.9	6.2	6.1	5.5
PIVOT	5.9	5.8	5.4	5.6	3.3	6.8	5.6	5.6	4.9	4.1	6.4	6.4	5.5
DLFPS-340/3549	5.9	5.9	5.8	6.3	3.6	6.4	5.6	4.9	4.2	4.9	5.5	6.5	5.5
A16-7	6.6	6.5	5.9	5.8	3.7	6.0	5.4	4.1	4.4	5.2	6.2	5.8	5.4
J-1319	6.5	7.0	6.1	5.6	4.0	5.8	5.5	4.8	4.5	4.4	5.7	5.8	5.4
PST-K15-167	6.3	5.4	5.8	5.1	4.1	7.1	5.5	5.3	4.4	4.8	6.1	5.7	5.4
SHAMROCK	6.5	6.0	5.6	5.6	3.9	6.9	5.5	4.7	3.5	4.7	5.9	6.4	5.4
RAD 553	6.1	5.5	5.6	5.8	3.7	7.1	5.5	3.6	4.2	5.2	6.2	6.1	5.4
PST-11-7	6.3	6.7	5.3	5.0	3.6	7.1	5.2	6.4	3.1	5.4	5.3	6.0	5.4
NEW MOON (PST-K15-177)	6.1	6.5	5.3	5.6	3.5	6.2	6.1	6.1	3.7	4.9	5.9	5.5	5.4
A12-34	6.0	5.9	5.4	6.2	3.6	6.4	5.7	3.9	4.8	5.2	6.1	5.5	5.4
DLFPS-340/3444	5.3	6.2	5.7	5.8	4.1	6.3	5.6	4.4	3.4	5.2	5.8	6.5	5.4
DUBLIN (PST-K15-157)	5.9	5.6	6.0	5.7	3.8	7.1	5.7	3.2	4.1	4.9	6.2	5.8	5.4
NAI-15-80	5.9	5.9	6.1	5.9	3.3	7.5	5.5	2.4	4.5	5.0	5.9	5.8	5.4
J-2726	6.3	6.7	5.1	5.3	4.2	5.9	5.5	5.2	4.4	4.9	5.5	5.7	5.4
PROSPERITY	6.2	6.7	5.5	5.5	3.6	6.0	5.7	5.7	3.9	4.3	5.9	5.8	5.4
DLFPS-340/3494	6.1	6.2	5.0	5.3	4.1	6.7	5.5	5.1	3.1	5.2	6.6	5.4	5.4
NAI-14-128	6.1	5.5	6.5	6.0	3.2	6.3	5.5	4.2	4.3	4.9	5.9	5.7	5.3
DLFPS-340/3548	6.0	5.6	5.6	5.7	3.2	6.5	5.6	4.9	4.3	4.9	5.4	6.5	5.3
DLFPS-340/3446	6.3	5.8	5.3	6.2	3.7	5.9	5.8	3.6	4.6	4.6	6.2	5.8	5.3
NK-1	5.7	6.0	5.6	6.1	3.7	6.0	5.4	2.3	5.0	5.3	6.3	5.8	5.3
NAI-14-122	5.7	5.5	5.4	6.4	3.5	6.4	5.6	3.8	4.0	4.8	6.0	6.2	5.3
AMAZE (NAI-14-133)	6.0	5.5	5.8	6.0	3.1	6.3	5.5	3.4	4.5	4.7	5.9	6.1	5.2
MVS-130	5.9	5.3	5.5	5.8	3.6	6.3	5.3	4.0	4.1	4.7	6.5	5.9	5.2
A16-1	5.6	6.0	5.9	5.6	3.6	6.7	5.7	3.4	3.2	4.3	6.1	6.6	5.2
PALOMA (PST-K13-139)	6.4	5.8	5.5	5.9	3.2	6.3	5.6	4.3	3.0	4.5	6.2	6.0	5.2
DLFPS-340/3364	5.2	5.6	5.2	5.3	4.2	6.3	5.4	3.0	4.1	5.3	6.2	5.9	5.2
HEARTLAND (NAI-14-187)	5.8	5.3	5.7	5.8	3.4	6.5	5.4	3.7	4.1	4.8	5.7	5.6	5.1
COMANCHE (NAI-14-176)	6.1	5.3	6.1	5.9	2.9	7.2	5.5	3.6	3.7	4.1	5.7	5.5	5.1
NAI-14-132	5.6	5.7	5.7	6.5	2.8	6.3	5.6	3.2	4.2	4.2	6.0	5.6	5.1
A11-38	6.2	5.8	5.6	6.4	2.8	6.4	5.4	3.9	3.7	4.1	5.9	5.6	5.1
KENBLUE	5.4	4.7	6.4	5.7	3.5	5.9	5.0	3.9	3.2	4.7	6.2	6.3	5.1
AVIATOR II (NAI-15-84)	6.0	6.1	5.3	5.7	3.3	6.5	5.4	3.5	3.1	4.5	5.8	5.8	5.1
PPG-KB 1320	5.9	5.9	5.5	5.4	3.0	6.4	5.7	5.2	2.3	3.6	5.3	5.5	4.9
BLUE KNIGHT	6.1	6.1	5.2	4.9	3.1	6.0	5.2	3.1	3.1	4.7	5.6	5.6	4.9
LSD VALUE	0.7	0.7	1.5	0.9	1.1	0.1	0.5	1.4	0.9	1.2	1.0	1.7	0.3
C.V. (%)	6.7	7.2	16.6	9.6	17.6	0.7	5.9	18.5	11.7	14.3	10.0	17.0	12.0

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

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

TABLE 18.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	KY1	MD1	MN1	UT1	MEAN
BOMBAY (GO-22B23)	6.0	6.4	6.3	5.4	6.1	6.0
CLOUD (GO-2425)	5.9	6.4	6.6	5.4	5.7	6.0
STARR (GO-2628)	6.0	6.5	6.5	5.3	5.6	5.9
SKYE	6.0	6.3	6.4	5.4	5.6	5.9
ELECTRIC (PST-K11-118)	6.1	6.5	6.5	5.3	4.8	5.8
PPG-KB 1304	6.2	6.5	6.5	4.8	5.3	5.8
DLFPS-340/3550	6.2	6.3	5.9	5.1	5.7	5.8
BLUE GEM (NAI-13-9)	5.5	6.7	6.7	4.6	5.4	5.7
DLFPS-340/3500	5.9	6.5	6.0	5.1	5.3	5.7
DLFPS-340/3552	5.9	6.2	6.0	4.8	5.7	5.7
BARSERATI (BAR PP 110358)	6.3	6.5	6.5	5.2	4.2	5.7
NURUSH (J-3510)	5.6	6.6	6.5	4.8	5.2	5.7
PROSPERITY	5.3	6.5	6.1	5.3	5.5	5.7
UNITED (NAI-13-14)	5.5	6.5	6.4	4.7	5.4	5.6
A11-26	6.2	6.2	6.0	5.3	4.8	5.6
DLFPS-340/3551	6.0	5.9	5.5	5.1	5.7	5.6
J-1138	5.6	6.6	6.9	4.9	4.5	5.6
BAR PP 79366	5.8	6.5	6.6	4.8	4.8	5.6
NAI-14-122	5.4	6.1	6.2	5.2	5.3	5.6
BLUE MAGIC (A99-2897)	5.9	6.4	6.0	4.8	5.1	5.6
SYRAH (LTP-11-41)	5.7	6.4	6.1	5.0	5.1	5.6
AKB3241	5.9	6.2	5.9	4.9	5.4	5.6
A06-8	5.7	6.3	6.2	4.7	5.3	5.6
ACOUSTIC (PPG-KB 1131)	5.5	6.3	6.9	4.3	5.0	5.6
MIDNIGHT	5.4	6.4	6.5	4.8	4.9	5.5
ORION (PST-K13-143)	5.7	6.1	5.7	5.0	5.3	5.5
A13-1	6.0	6.0	5.7	4.7	5.3	5.5
NAI-14-128	5.7	5.6	6.5	4.9	4.9	5.5
NAI-14-132	5.4	6.1	6.2	5.2	5.0	5.5
MVS-130	5.7	6.0	6.2	4.9	5.0	5.5
A16-17	6.0	5.9	6.3	4.7	4.7	5.5
A11-40	5.6	6.2	6.5	4.7	4.7	5.5
AKB3179	6.2	6.1	5.5	5.3	4.4	5.5
PST-K15-172	5.9	6.4	5.9	5.0	4.5	5.5
YELLOWSTONE (A12-7)	5.6	5.9	6.0	5.3	4.8	5.5
FINISH LINE (NAI-14-178)	5.1	6.4	6.1	5.1	5.0	5.5
RAD-1776	6.0	6.0	5.9	4.8	4.9	5.5
A11-38	5.4	6.4	6.0	5.1	4.7	5.5
NEW MOON (PST-K15-177)	4.8	6.0	6.5	5.1	5.1	5.5
JERSEY (NAI-A16-3)	5.8	6.3	6.0	4.7	4.8	5.5
COMANCHE (NAI-14-176)	5.6	5.8	6.3	4.9	4.7	5.4
SUPER MOON (PST-K13-141)	5.8	5.9	5.3	5.1	5.2	5.4
AKB3128	5.8	6.0	5.6	5.1	4.9	5.4
J-2726	5.0	6.3	6.6	5.1	4.5	5.4
TWILIGHT (NAI-13-132)	5.2	6.5	6.2	4.5	5.2	5.4
A10-280	5.8	6.1	5.3	5.4	4.7	5.4
DLFPS-340/3553	5.8	6.2	5.9	4.7	4.8	5.4

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	KY1	MD1	MN1	UT1	MEAN
BAR PP 79494	5.3	6.3	6.8	4.4	4.6	5.4
AMAZE (NAI-14-133)	5.6	5.6	6.0	5.1	4.8	5.4
PIVOT	5.1	6.0	5.9	4.8	5.3	5.4
PPG-KB 1320	4.8	6.1	6.2	5.4	4.6	5.4
BARVETTE HGT®	5.8	6.0	5.8	4.5	4.9	5.3
AFTER MIDNIGHT	4.5	6.1	6.9	4.6	5.0	5.3
DLFPS-340/3556	5.5	6.2	5.7	4.6	4.8	5.3
SHADOW HAWK (A16-2)	5.6	6.1	5.7	4.8	4.7	5.3
DLFPS-340/3438	5.9	5.9	5.5	4.7	4.9	5.3
DLFPS-340/3446	5.6	6.2	5.3	4.7	5.1	5.3
DUBLIN (PST-K15-157)	5.2	6.0	5.7	5.4	4.5	5.3
HEARTLAND (NAI-14-187)	4.8	6.0	5.9	5.0	5.2	5.3
KH3492	5.6	6.0	6.2	4.6	4.4	5.3
BLUE DEVIL	5.4	6.5	6.0	4.5	4.6	5.3
A15-6	5.5	5.9	5.2	4.9	5.0	5.3
AVIATOR II (NAI-15-84)	4.7	6.0	5.6	5.0	5.2	5.3
BABE	5.3	6.2	6.0	4.3	4.7	5.2
BAR PP 7309V	5.6	5.8	5.6	4.3	4.9	5.2
DLFPS-340/3494	4.6	5.7	5.7	5.1	5.3	5.2
BAR PP 7236V	5.5	5.8	5.7	4.4	4.8	5.2
PALOMA (PST-K13-139)	5.4	6.1	5.3	4.8	4.8	5.2
A12-34	5.3	5.8	5.7	4.3	5.1	5.2
NK-1	5.6	5.9	5.6	4.3	4.8	5.2
A16-1	5.2	6.0	5.8	4.6	4.6	5.2
SELWAY	5.4	6.2	5.3	4.5	4.9	5.2
BAR PP 7K426	5.5	5.6	5.7	4.3	4.8	5.2
DLFPS-340/3548	5.1	6.1	5.4	4.8	4.8	5.1
A16-7	5.1	6.3	6.4	4.4	4.0	5.1
DLFPS-340/3549	5.5	5.8	5.5	4.7	4.3	5.1
RAD 553	5.2	5.9	5.2	4.5	5.1	5.1
PST-T14-39	5.2	5.7	5.1	5.1	4.6	5.1
PST-11-7	5.4	5.8	5.6	4.9	3.9	5.1
NAI-15-80	4.7	5.4	5.8	4.6	4.6	5.0
SHAMROCK	5.1	5.7	5.2	4.5	4.7	5.0
J-1319	4.3	6.6	5.6	5.1	4.1	5.0
DLFPS-340/3444	5.2	6.1	5.3	4.2	4.5	5.0
DLFPS-340/3455	5.5	5.7	5.0	4.5	4.4	4.9
BLUE KNIGHT	4.6	5.9	5.3	4.3	4.6	4.9
PST-K15-167	4.7	6.2	5.5	4.4	3.9	4.8
BAR PP 71213	5.3	5.6	5.1	4.2	4.1	4.8
DLFPS-340/3364	4.8	5.6	5.4	4.1	3.8	4.7
KENBLUE	4.9	5.6	4.6	3.6	3.6	4.4
LSD VALUE	0.7	0.6	1.1	1.0	1.2	0.5
C.V. (%)	7.6	6.0	11.1	13.5	16.4	11.5

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

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

TABLE 19.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
BOMBAY (GO-22B23)	6.3	7.5	6.6	6.8
STARR (GO-2628)	6.5	7.2	6.7	6.8
CLOUD (GO-2425)	6.6	6.7	6.4	6.6
BARSERATI (BAR PP 110358)	6.2	6.5	6.8	6.5
AFTER MIDNIGHT	7.2	6.9	5.4	6.5
J-1138	6.7	6.1	6.4	6.5
NURUSH (J-3510)	6.9	6.0	6.3	6.4
MIDNIGHT	6.9	6.3	5.9	6.4
BLUE GEM (NAI-13-9)	6.9	6.3	6.0	6.4
PPG-KB 1304	6.4	5.4	7.0	6.4
ACOUSTIC (PPG-KB 1131)	6.7	6.8	5.7	6.4
SKYE	6.3	6.3	6.3	6.3
DLFPS-340/3550	6.6	5.9	6.2	6.3
A11-26	6.1	5.7	6.8	6.3
BLUE DEVIL	6.7	6.4	5.4	6.1
SYRAH (LTP-11-41)	6.4	5.4	6.3	6.1
PST-K15-172	5.8	6.5	6.0	6.1
A11-40	6.3	6.6	5.3	6.0
TWILIGHT (NAI-13-132)	6.7	6.0	5.2	6.0
UNITED (NAI-13-14)	6.8	5.4	5.6	6.0
DLFPS-340/3553	6.3	5.2	6.2	6.0
BAR PP 79366	6.6	4.4	6.2	5.9
DLFPS-340/3552	6.3	5.0	6.2	5.9
DLFPS-340/3556	6.7	4.2	6.1	5.9
A16-17	6.2	3.8	7.0	5.9
BARVETTE HGT®	5.7	5.7	5.9	5.9
DLFPS-340/3500	6.5	5.2	5.6	5.9
BAR PP 79494	6.6	5.3	5.4	5.8
JERSEY (NAI-A16-3)	6.3	6.1	5.0	5.8
BAR PP 7236V	5.9	5.4	5.8	5.8
BLUE MAGIC (A99-2897)	6.2	4.0	6.6	5.8
SHADOW HAWK (A16-2)	6.3	6.0	4.8	5.7
ELECTRIC (PST-K11-118)	6.2	5.6	5.0	5.6
KH3492	6.5	5.4	4.9	5.6
A13-1	6.1	3.8	6.4	5.6
J-1319	7.0	4.8	4.5	5.5
J-2726	6.7	5.2	4.4	5.5
A10-280	5.8	4.8	5.5	5.5
AKB3128	5.8	4.8	5.6	5.5
DLFPS-340/3551	6.0	4.3	5.7	5.5
BAR PP 7K426	5.8	5.0	5.2	5.4
PROSPERITY	6.7	5.7	3.9	5.4
NEW MOON (PST-K15-177)	6.5	6.1	3.7	5.4
PIVOT	5.8	5.6	4.9	5.4
PST-11-7	6.7	6.4	3.1	5.4
SELWAY	5.5	6.1	4.6	5.4
FINISH LINE (NAI-14-178)	6.4	4.8	4.7	5.4
BABE	6.1	5.3	4.6	5.3

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
AKB3241	5.8	4.9	5.1	5.3
A15-6	6.0	4.5	5.1	5.3
SUPER MOON (PST-K13-141)	5.7	4.5	5.4	5.3
AKB3179	5.6	5.5	4.8	5.3
A06-8	6.0	4.5	4.9	5.2
PST-T14-39	5.7	4.8	5.0	5.2
DLFPS-340/3438	5.7	4.0	5.3	5.1
BAR PP 7309V	6.0	4.4	4.7	5.1
A16-7	6.5	4.1	4.4	5.1
ORION (PST-K13-143)	5.8	5.2	4.2	5.1
BAR PP 71213	5.9	4.0	4.9	5.1
DLFPS-340/3549	5.9	4.9	4.2	5.0
DLFPS-340/3455	5.7	4.7	4.5	5.0
PST-K15-167	5.4	5.3	4.4	5.0
YELLOWSTONE (A12-7)	6.1	4.3	4.1	5.0
A12-34	5.9	3.9	4.8	5.0
DLFPS-340/3548	5.6	4.9	4.3	4.9
DLFPS-340/3494	6.2	5.1	3.1	4.9
SHAMROCK	6.0	4.7	3.5	4.8
DLFPS-340/3446	5.8	3.6	4.6	4.8
NAI-14-128	5.5	4.2	4.3	4.7
DLFPS-340/3444	6.2	4.4	3.4	4.7
NK-1	6.0	2.3	5.0	4.7
RAD-1776	5.8	4.2	3.9	4.6
AMAZE (NAI-14-133)	5.5	3.4	4.5	4.6
MVS-130	5.3	4.0	4.1	4.6
A11-38	5.8	3.9	3.7	4.6
RAD 553	5.5	3.6	4.2	4.5
NAI-14-132	5.7	3.2	4.2	4.5
NAI-14-122	5.5	3.8	4.0	4.5
NAI-15-80	5.9	2.4	4.5	4.5
HEARTLAND (NAI-14-187)	5.3	3.7	4.1	4.5
DUBLIN (PST-K15-157)	5.6	3.2	4.1	4.5
PPG-KB 1320	5.9	5.2	2.3	4.4
PALOMA (PST-K13-139)	5.8	4.3	3.0	4.4
AVIATOR II (NAI-15-84)	6.1	3.5	3.1	4.3
COMANCHE (NAI-14-176)	5.3	3.6	3.7	4.3
DLFPS-340/3364	5.6	3.0	4.1	4.3
A16-1	6.0	3.4	3.2	4.3
BLUE KNIGHT	6.1	3.1	3.1	4.2
KENBLUE	4.7	3.9	3.2	3.9
LSD VALUE	0.7	1.4	0.9	0.6
C.V. (%)	7.2	18.5	11.7	11.8

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

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

TABLE 20.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE TRANSITION REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	AR1	KY1	MD1	NC1	OK1	TN1	VA1	MEAN
STARR (GO-2628)	6.7	6.5	6.5	4.8	5.9	6.7	7.6	6.4
BARSERATI (BAR PP 110358)	6.2	6.5	6.5	5.2	6.1	6.4	7.2	6.3
CLOUD (GO-2425)	6.9	6.4	6.6	4.9	5.8	6.7	7.1	6.3
J-1138	6.5	6.6	6.9	5.3	5.6	6.2	6.9	6.2
BARVETTE HGT®	6.4	6.0	5.8	5.4	5.9	6.5	7.5	6.2
BOMBAY (GO-22B23)	6.6	6.4	6.3	4.7	5.7	6.7	7.4	6.2
BAR PP 79494	6.8	6.3	6.8	5.1	5.6	6.5	6.4	6.2
AFTER MIDNIGHT	7.3	6.1	6.9	5.0	5.5	6.6	6.2	6.2
SKYE	6.5	6.3	6.4	4.6	5.7	6.3	7.4	6.2
ACOUSTIC (PPG-KB 1131)	6.8	6.3	6.9	4.9	5.4	6.4	6.5	6.1
ELECTRIC (PST-K11-118)	6.4	6.5	6.5	5.1	5.4	6.4	6.9	6.1
PPG-KB 1304	6.2	6.5	6.5	4.6	5.5	6.3	7.4	6.1
BLUE GEM (NAI-13-9)	6.4	6.7	6.7	4.6	5.3	6.6	6.5	6.1
MIDNIGHT	7.1	6.4	6.5	4.8	5.2	6.2	6.3	6.0
BAR PP 7236V	6.2	5.8	5.7	4.8	5.7	6.3	7.2	6.0
UNITED (NAI-13-14)	6.7	6.5	6.4	4.7	5.3	6.5	6.2	6.0
BAR PP 79366	6.2	6.5	6.6	4.8	5.4	6.6	5.9	5.9
BLUE MAGIC (A99-2897)	6.2	6.4	6.0	4.5	5.6	6.5	6.5	5.9
A10-280	6.1	6.1	5.3	4.9	5.8	6.6	6.7	5.9
A11-26	6.0	6.2	6.0	4.5	5.5	6.4	6.8	5.9
NURUSH (J-3510)	6.8	6.6	6.5	4.6	5.1	6.4	6.1	5.9
BLUE DEVIL	6.6	6.5	6.0	4.4	5.3	6.6	6.4	5.9
DLFPS-340/3550	6.1	6.3	5.9	5.0	5.1	6.7	6.1	5.9
A13-1	6.5	6.0	5.7	4.3	5.5	6.4	6.7	5.8
DLFPS-340/3552	5.7	6.2	6.0	4.6	5.5	6.6	6.2	5.8
SYRAH (LTP-11-41)	6.1	6.4	6.1	3.6	5.3	6.2	7.3	5.8
A16-17	5.9	5.9	6.3	4.2	5.7	6.2	6.4	5.8
DLFPS-340/3500	6.4	6.5	6.0	4.0	5.2	6.6	6.4	5.8
TWILIGHT (NAI-13-132)	6.4	6.5	6.2	4.3	4.9	6.4	6.5	5.8
A15-6	6.1	5.9	5.2	4.8	5.6	6.6	6.3	5.8
DLFPS-340/3553	6.3	6.2	5.9	4.0	5.4	6.2	6.6	5.8
KH3492	6.3	6.0	6.2	4.2	5.3	6.2	6.4	5.7
BAR PP 7K426	6.2	5.6	5.7	4.2	5.8	6.1	6.6	5.7
A11-40	5.6	6.2	6.5	3.9	5.1	6.0	6.9	5.7
AKB3128	6.1	6.0	5.6	4.4	5.1	6.4	6.6	5.7
A16-7	6.6	6.3	6.4	3.7	5.2	6.2	5.8	5.6
PST-K15-172	6.2	6.4	5.9	4.2	5.2	6.0	6.1	5.6
SELWAY	6.0	6.2	5.3	4.1	5.2	6.4	6.6	5.6
SUPER MOON (PST-K13-141)	6.0	5.9	5.3	4.3	5.4	6.6	5.9	5.6
AKB3241	6.4	6.2	5.9	3.7	4.9	6.3	6.4	5.6
BAR PP 7309V	5.9	5.8	5.6	4.5	5.3	6.0	6.4	5.6
RAD-1776	5.3	6.0	5.9	3.6	5.3	5.7	7.3	5.6
SHADOW HAWK (A16-2)	5.9	6.1	5.7	3.8	4.8	6.4	6.5	5.6
BABE	6.0	6.2	6.0	3.7	5.0	6.0	6.5	5.6
YELLOWSTONE (A12-7)	5.9	5.9	6.0	4.0	5.0	6.3	6.2	5.6
A06-8	5.9	6.3	6.2	4.3	4.5	6.2	6.0	5.6
JERSEY (NAI-A16-3)	6.4	6.3	6.0	4.1	5.1	5.2	6.2	5.5
DLFPS-340/3551	5.8	5.9	5.5	4.8	5.4	6.0	5.6	5.5

TABLE 20.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SEVEN LOCATIONS 1/
IN THE TRANSITION REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	AR1	KY1	MD1	NC1	OK1	TN1	VA1	MEAN
J-2726	6.3	6.3	6.6	4.2	4.9	5.5	5.7	5.5
DLFPS-340/3494	6.1	5.7	5.7	4.1	5.2	6.6	5.4	5.5
MVS-130	5.9	6.0	6.2	3.6	4.7	6.5	5.9	5.5
ORION (PST-K13-143)	6.5	6.1	5.7	3.5	5.0	5.6	6.7	5.5
PST-T14-39	6.6	5.7	5.1	4.4	5.1	6.1	5.8	5.5
NAI-14-122	5.7	6.1	6.2	3.5	4.8	6.0	6.2	5.5
DLFPS-340/3364	5.2	5.6	5.4	4.2	5.3	6.2	5.9	5.4
DLFPS-340/3444	5.3	6.1	5.3	4.1	5.2	5.8	6.5	5.4
NK-1	5.7	5.9	5.6	3.7	5.3	6.3	5.8	5.4
DLFPS-340/3455	5.9	5.7	5.0	3.8	4.9	6.0	7.1	5.4
DLFPS-340/3556	6.4	6.2	5.7	3.8	5.2	6.2	5.3	5.4
RAD 553	6.1	5.9	5.2	3.7	5.2	6.2	6.1	5.4
FINISH LINE (NAI-14-178)	6.9	6.4	6.1	3.1	4.7	5.8	6.1	5.4
DUBLIN (PST-K15-157)	5.9	6.0	5.7	3.8	4.9	6.2	5.8	5.4
AKB3179	6.0	6.1	5.5	3.7	5.0	6.1	6.0	5.4
DLFPS-340/3438	5.8	5.9	5.5	3.8	4.9	6.2	6.1	5.4
SHAMROCK	6.5	5.7	5.2	3.9	4.7	5.9	6.4	5.4
BAR PP 71213	6.2	5.6	5.1	4.0	5.4	6.0	6.1	5.4
NEW MOON (PST-K15-177)	6.1	6.0	6.5	3.5	4.9	5.9	5.5	5.4
PST-K15-167	6.3	6.2	5.5	4.1	4.8	6.1	5.7	5.4
A16-1	5.6	6.0	5.8	3.6	4.3	6.1	6.6	5.4
NAI-14-128	6.1	5.6	6.5	3.2	4.9	5.9	5.7	5.4
PROSPERITY	6.2	6.5	6.1	3.6	4.3	5.9	5.8	5.3
DLFPS-340/3446	6.3	6.2	5.3	3.7	4.6	6.2	5.8	5.3
A12-34	6.0	5.8	5.7	3.6	5.2	6.1	5.5	5.3
DLFPS-340/3549	5.9	5.8	5.5	3.6	4.9	5.5	6.5	5.3
PIVOT	5.9	6.0	5.9	3.3	4.1	6.4	6.4	5.3
J-1319	6.5	6.6	5.6	4.0	4.4	5.7	5.8	5.3
AMAZE (NAI-14-133)	6.0	5.6	6.0	3.1	4.7	5.9	6.1	5.3
PST-11-7	6.3	5.8	5.6	3.6	5.4	5.3	6.0	5.3
NAI-15-80	5.9	5.4	5.8	3.3	5.0	5.9	5.8	5.3
DLFPS-340/3548	6.0	6.1	5.4	3.2	4.9	5.4	6.5	5.2
PALOMA (PST-K13-139)	6.4	6.1	5.3	3.2	4.5	6.2	6.0	5.2
HEARTLAND (NAI-14-187)	5.8	6.0	5.9	3.4	4.8	5.7	5.6	5.2
AVIATOR II (NAI-15-84)	6.0	6.0	5.6	3.3	4.5	5.8	5.8	5.2
KENBLUE	5.4	5.6	4.6	3.5	4.7	6.2	6.3	5.2
BLUE KNIGHT	6.1	5.9	5.3	3.1	4.7	5.6	5.6	5.1
A11-38	6.2	6.4	6.0	2.8	4.1	5.9	5.6	5.1
NAI-14-132	5.6	6.1	6.2	2.8	4.2	6.0	5.6	5.1
COMANCHE (NAI-14-176)	6.1	5.8	6.3	2.9	4.1	5.7	5.5	5.1
PPG-KB 1320	5.9	6.1	6.2	3.0	3.6	5.3	5.5	4.9
LSD VALUE	0.7	0.6	1.1	1.1	1.2	1.0	1.7	0.5
C.V. (%)	6.7	6.0	11.1	17.6	14.3	10.0	17.0	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 21.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IN1	MI1	MN1	ND1	NE1	MEAN
AKB3179	6.1	6.2	6.5	5.3	7.3	6.0	6.2
BARSERATI (BAR PP 110358)	5.3	6.3	7.0	5.2	6.9	6.0	6.1
BARVETTE HGT®	6.8	5.8	6.9	4.5	7.2	5.7	6.1
STARR (GO-2628)	6.5	6.0	6.4	5.3	6.4	5.9	6.1
SYRAH (LTP-11-41)	6.9	5.7	6.5	5.0	6.3	6.1	6.1
ELECTRIC (PST-K11-118)	5.6	6.1	6.9	5.3	6.4	5.8	6.0
PPG-KB 1304	6.3	6.2	6.9	4.8	6.2	5.8	6.0
BOMBAY (GO-22B23)	5.6	6.0	6.9	5.4	6.2	5.9	6.0
CLOUD (GO-2425)	6.0	5.9	6.3	5.4	6.1	6.1	6.0
AKB3241	5.8	5.9	5.9	4.9	7.3	5.9	6.0
BAR PP 7236V	5.9	5.5	7.0	4.4	7.5	5.4	6.0
SKYE	5.9	6.0	6.8	5.4	6.1	5.6	6.0
J-1138	6.2	5.6	6.0	4.9	6.9	6.1	6.0
AKB3128	5.5	5.8	6.4	5.1	7.3	5.5	5.9
KH3492	6.3	5.6	6.5	4.6	7.1	5.6	5.9
A10-280	5.8	5.8	6.2	5.4	6.9	5.5	5.9
RAD-1776	5.6	6.0	6.6	4.8	7.0	5.5	5.9
SUPER MOON (PST-K13-141)	6.1	5.8	6.2	5.1	6.7	5.5	5.9
PST-K15-172	6.1	5.9	6.4	5.0	6.2	5.7	5.9
BLUE MAGIC (A99-2897)	6.0	5.9	6.3	4.8	6.5	5.8	5.9
YELLOWSTONE (A12-7)	5.6	5.6	6.2	5.3	7.0	5.5	5.9
MIDNIGHT	6.4	5.4	6.2	4.8	6.7	5.8	5.9
A11-40	5.8	5.6	7.0	4.7	6.8	5.4	5.9
COMANCHE (NAI-14-176)	6.1	5.6	5.9	4.9	7.2	5.5	5.9
DUBLIN (PST-K15-157)	6.0	5.2	5.7	5.4	7.1	5.7	5.9
FINISH LINE (NAI-14-178)	6.1	5.1	5.6	5.1	7.4	5.7	5.8
A16-17	6.6	6.0	6.1	4.7	6.0	5.6	5.8
NAI-14-128	6.5	5.7	6.0	4.9	6.3	5.5	5.8
A11-26	6.0	6.2	5.8	5.3	6.0	5.6	5.8
JERSEY (NAI-A16-3)	5.6	5.8	6.3	4.7	6.5	6.0	5.8
A06-8	6.0	5.7	6.2	4.7	6.7	5.6	5.8
BLUE GEM (NAI-13-9)	6.0	5.5	5.7	4.6	7.1	5.8	5.8
BAR PP 7K426	5.7	5.5	6.6	4.3	7.1	5.5	5.8
NURUSH (J-3510)	6.2	5.6	6.1	4.8	6.1	5.9	5.8
NAI-14-132	5.7	5.4	6.5	5.2	6.3	5.6	5.8
BAR PP 79494	6.4	5.3	5.6	4.4	7.1	5.9	5.8
ORION (PST-K13-143)	5.8	5.7	6.0	5.0	6.4	5.9	5.8
DLFPS-340/3550	5.9	6.2	6.2	5.1	5.9	5.5	5.8
DLFPS-340/3455	5.9	5.5	6.0	4.5	7.2	5.5	5.8
SHADOW HAWK (A16-2)	6.4	5.6	5.9	4.8	6.5	5.5	5.8
UNITED (NAI-13-14)	6.2	5.5	5.9	4.7	6.4	5.9	5.8
DLFPS-340/3553	6.0	5.8	6.2	4.7	6.1	5.9	5.8
DLFPS-340/3552	6.1	5.9	6.2	4.8	5.9	5.7	5.8
DLFPS-340/3551	5.6	6.0	6.2	5.1	6.0	5.6	5.8
TWILIGHT (NAI-13-132)	6.1	5.2	5.9	4.5	7.1	5.7	5.8
BABE	5.7	5.3	6.1	4.3	7.2	5.8	5.7
NAI-14-122	5.4	5.4	6.4	5.2	6.4	5.6	5.7
DLFPS-340/3549	5.8	5.5	6.3	4.7	6.4	5.6	5.7

TABLE 21.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IN1	MI1	MN1	ND1	NE1	MEAN
BAR PP 7309V	5.6	5.6	6.0	4.3	7.1	5.7	5.7
NAI-15-80	6.1	4.7	5.9	4.6	7.5	5.5	5.7
A11-38	5.6	5.4	6.4	5.1	6.4	5.4	5.7
A13-1	5.2	6.0	6.5	4.7	6.4	5.5	5.7
DLFPS-340/3438	5.1	5.9	6.6	4.7	6.5	5.5	5.7
AMAZE (NAI-14-133)	5.8	5.6	6.0	5.1	6.3	5.5	5.7
DLFPS-340/3556	6.2	5.5	6.3	4.6	6.0	5.4	5.7
BAR PP 79366	5.4	5.8	6.8	4.8	6.2	5.2	5.7
PST-T14-39	5.9	5.2	5.3	5.1	6.9	5.7	5.7
SELWAY	6.0	5.4	6.0	4.5	6.3	5.8	5.7
BAR PP 71213	5.6	5.3	6.4	4.2	7.1	5.4	5.6
RAD 553	5.6	5.2	5.8	4.5	7.1	5.5	5.6
BLUE DEVIL	5.8	5.4	6.4	4.5	5.8	5.8	5.6
A16-1	5.9	5.2	5.6	4.6	6.7	5.7	5.6
DLFPS-340/3500	5.2	5.9	6.4	5.1	6.3	4.8	5.6
PALOMA (PST-K13-139)	5.5	5.4	5.9	4.8	6.3	5.6	5.6
MVS-130	5.5	5.7	5.8	4.9	6.3	5.3	5.6
DLFPS-340/3446	5.3	5.6	6.2	4.7	5.9	5.8	5.6
ACOUSTIC (PPG-KB 1131)	5.4	5.5	6.2	4.3	6.3	5.8	5.6
PIVOT	5.4	5.1	5.6	4.8	6.8	5.6	5.6
A12-34	5.4	5.3	6.2	4.3	6.4	5.7	5.6
PPG-KB 1320	5.5	4.8	5.4	5.4	6.4	5.7	5.5
PROSPERITY	5.5	5.3	5.5	5.3	6.0	5.7	5.5
DLFPS-340/3548	5.6	5.1	5.7	4.8	6.5	5.6	5.5
NK-1	5.6	5.6	6.1	4.3	6.0	5.4	5.5
SHAMROCK	5.6	5.1	5.6	4.5	6.9	5.5	5.5
HEARTLAND (NAI-14-187)	5.7	4.8	5.8	5.0	6.5	5.4	5.5
NEW MOON (PST-K15-177)	5.3	4.8	5.6	5.1	6.2	6.1	5.5
PST-11-7	5.3	5.4	5.0	4.9	7.1	5.2	5.5
DLFPS-340/3444	5.7	5.2	5.8	4.2	6.3	5.6	5.4
PST-K15-167	5.8	4.7	5.1	4.4	7.1	5.5	5.4
A16-7	5.9	5.1	5.8	4.4	6.0	5.4	5.4
AVIATOR II (NAI-15-84)	5.3	4.7	5.7	5.0	6.5	5.4	5.4
A15-6	5.0	5.5	6.0	4.9	6.0	5.2	5.4
J-1319	6.1	4.3	5.6	5.1	5.8	5.5	5.4
DLFPS-340/3494	5.0	4.6	5.3	5.1	6.7	5.5	5.4
J-2726	5.1	5.0	5.3	5.1	5.9	5.5	5.3
AFTER MIDNIGHT	4.7	4.5	5.3	4.6	7.1	5.6	5.3
KENBLUE	6.4	4.9	5.7	3.6	5.9	5.0	5.2
DLFPS-340/3364	5.2	4.8	5.3	4.1	6.3	5.4	5.2
BLUE KNIGHT	5.2	4.6	4.9	4.3	6.0	5.2	5.0
LSD VALUE	1.5	0.7	0.9	1.0	0.1	0.5	0.4
C.V. (%)	16.6	7.6	9.6	13.5	0.7	5.9	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 22.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BOMBAY (GO-22B23)	4.8	6.2	6.0	5.3	6.1	6.7	6.8	6.1
DLFPS-340/3552	3.8	5.7	6.2	5.2	5.9	6.1	5.7	5.7
DLFPS-340/3550	4.0	5.5	6.3	5.4	5.3	6.3	6.1	5.7
DLFPS-340/3551	4.7	5.5	6.4	4.9	5.3	6.2	5.9	5.7
CLOUD (GO-2425)	4.7	6.0	6.1	4.1	4.9	6.3	6.7	5.7
STARR (GO-2628)	4.8	6.2	6.1	4.0	4.9	5.9	6.6	5.6
SKYE	4.5	6.4	5.5	4.1	5.2	6.1	6.2	5.6
PROSPERITY	4.2	5.5	6.7	4.4	4.9	6.1	5.8	5.5
UNITED (NAI-13-14)	3.7	4.9	6.1	4.3	4.8	6.3	6.5	5.4
BLUE GEM (NAI-13-9)	3.3	4.7	6.3	4.4	5.1	6.1	6.1	5.4
AKB3241	3.5	5.3	5.3	4.7	5.0	6.2	6.1	5.4
PIVOT	3.3	6.0	5.4	4.4	5.2	5.5	6.1	5.3
A13-1	4.2	5.7	6.1	4.5	4.8	5.5	5.5	5.3
DLFPS-340/3500	3.5	5.0	6.1	4.5	5.2	5.8	5.9	5.3
ORION (PST-K13-143)	3.5	5.1	5.4	5.1	5.1	5.7	5.8	5.3
NAI-14-122	5.2	5.6	5.9	4.1	4.5	6.0	5.5	5.3
A06-8	4.7	5.5	6.0	4.2	4.6	5.8	5.7	5.3
PPG-KB 1304	6.0	6.0	5.8	4.1	4.1	5.6	5.7	5.3
DLFPS-340/3494	3.2	4.9	6.3	4.6	5.1	5.4	5.9	5.3
NURUSH (J-3510)	3.7	5.1	6.4	4.1	4.4	5.8	6.1	5.2
AVIATOR II (NAI-15-84)	3.8	5.5	5.7	4.6	5.1	5.5	5.2	5.2
SUPER MOON (PST-K13-141)	4.2	5.2	5.6	4.5	5.1	5.3	5.6	5.2
HEARTLAND (NAI-14-187)	3.2	4.9	5.6	4.1	5.1	6.0	5.8	5.2
TWILIGHT (NAI-13-132)	3.8	5.1	6.1	3.7	4.3	5.8	6.1	5.2
SYRAH (LTP-11-41)	4.8	6.1	5.6	4.0	4.3	5.2	5.6	5.1
DLFPS-340/3446	4.5	5.8	5.7	4.1	4.2	5.2	5.7	5.1
NEW MOON (PST-K15-177)	5.3	5.5	6.0	3.9	4.1	5.5	5.6	5.1
RAD 553	4.0	5.4	4.9	5.0	5.3	4.8	5.4	5.1
A12-34	4.0	4.9	5.9	4.2	4.9	5.5	5.4	5.1
BLUE MAGIC (A99-2897)	4.8	5.4	5.7	3.8	4.3	5.5	5.6	5.1
FINISH LINE (NAI-14-178)	5.3	4.8	4.9	4.1	4.5	5.4	6.2	5.0
ACOUSTIC (PPG-KB 1131)	3.3	4.9	5.7	3.9	4.2	5.7	6.3	5.0
NAI-14-132	4.3	4.8	5.9	4.0	4.5	5.5	5.3	5.0
A15-6	3.8	4.8	5.4	4.5	4.9	5.3	5.3	5.0
AFTER MIDNIGHT	4.5	5.0	6.0	3.7	4.2	5.4	5.7	5.0
MVS-130	3.5	4.7	5.5	4.3	4.6	5.5	5.5	5.0
BAR PP 7309V	4.2	5.3	4.5	3.9	4.6	5.7	5.7	4.9
NAI-14-128	4.2	4.8	5.8	4.1	4.1	5.5	5.3	4.9
MIDNIGHT	3.3	4.8	5.9	3.8	4.4	5.3	5.7	4.9
RAD-1776	5.0	5.7	4.9	3.7	4.4	4.9	5.5	4.9
AKB3128	5.5	5.5	5.1	3.4	4.0	5.3	5.7	4.9
BARVETTE HGT®	5.0	5.1	4.7	4.1	4.3	5.1	5.5	4.9
SELWAY	5.2	5.4	4.9	4.2	4.6	4.6	5.1	4.9
DLFPS-340/3438	4.8	5.1	5.7	4.3	4.4	4.5	4.9	4.9
ELECTRIC (PST-K11-118)	5.3	5.6	5.1	3.5	3.9	5.0	5.6	4.8
DLFPS-340/3556	3.5	4.7	6.1	4.1	4.1	5.0	5.5	4.8
DLFPS-340/3548	5.3	6.1	5.5	3.7	3.7	4.6	5.0	4.8
BAR PP 79366	3.5	4.7	5.5	4.1	4.5	5.1	5.1	4.8
AMAZE (NAI-14-133)	4.2	4.8	5.6	3.9	4.3	5.1	5.2	4.8

TABLE 22.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2018-2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PALOMA (PST-K13-139)	4.5	5.1	5.1	4.3	4.1	4.9	5.3	4.8
BAR PP 7236V	5.7	5.8	4.6	3.3	4.0	5.0	5.5	4.8
JERSEY (NAI-A16-3)	4.3	5.1	5.7	3.7	4.1	4.5	5.5	4.8
BAR PP 7K426	4.2	5.4	4.7	3.5	4.3	5.3	5.3	4.8
A11-26	3.5	5.2	5.5	3.7	4.3	4.8	5.3	4.8
DLFPS-340/3553	4.5	5.1	5.1	3.3	3.9	5.5	5.6	4.8
YELLOWSTONE (A12-7)	4.7	5.5	5.1	3.4	4.0	5.1	5.3	4.8
NK-1	4.5	5.1	5.7	3.7	4.1	4.7	5.1	4.8
SHADOW HAWK (A16-2)	4.3	5.4	4.6	3.3	4.2	5.2	5.5	4.7
A11-40	4.8	5.5	4.5	3.4	3.8	5.1	5.7	4.7
A16-17	5.0	5.3	4.7	3.9	4.3	4.6	5.2	4.7
COMANCHE (NAI-14-176)	4.3	4.8	5.9	3.4	3.8	4.9	5.3	4.7
SHAMROCK	4.3	5.5	4.7	3.1	3.9	5.2	5.7	4.7
A10-280	4.7	4.2	4.7	4.1	4.5	5.2	5.3	4.7
A11-38	3.8	5.3	5.0	3.7	4.1	4.9	5.2	4.7
BABE	4.8	5.9	4.9	3.3	3.6	4.7	5.1	4.7
NAI-15-80	3.7	4.4	5.0	4.2	4.3	4.7	5.3	4.6
BLUE KNIGHT	3.8	4.6	5.4	3.9	4.3	4.7	4.9	4.6
PST-T14-39	5.5	5.3	4.9	3.6	3.9	4.4	5.1	4.6
PPG-KB 1320	2.7	4.4	5.2	3.9	4.5	4.8	5.2	4.6
BAR PP 79494	3.8	4.4	5.1	3.9	4.0	5.1	5.2	4.6
A16-1	5.2	5.5	4.7	2.8	3.8	4.7	5.5	4.6
BLUE DEVIL	4.0	4.3	5.3	3.4	4.2	4.9	5.4	4.6
J-2726	4.3	4.7	5.5	3.3	3.8	4.7	5.1	4.5
DUBLIN (PST-K15-157)	4.8	5.1	5.0	3.2	3.7	4.7	5.3	4.5
J-1138	3.8	4.3	5.7	3.3	3.7	4.9	5.4	4.5
DLFPS-340/3444	4.7	5.3	4.5	3.3	3.7	4.9	5.2	4.5
PST-K15-172	4.3	4.9	4.9	3.7	3.7	4.5	4.9	4.5
DLFPS-340/3455	4.0	5.3	4.1	3.6	3.7	4.7	4.8	4.4
AKB3179	4.7	4.7	5.3	3.1	3.2	4.5	5.4	4.4
KH3492	5.0	5.4	4.5	2.9	3.3	4.5	5.3	4.4
DLFPS-340/3549	3.3	5.0	4.4	3.6	3.5	4.3	5.1	4.3
BARSERATI (BAR PP 110358)	4.7	5.5	4.5	3.3	3.2	3.8	4.9	4.2
J-1319	4.2	4.3	5.2	3.3	3.2	4.1	4.5	4.1
BAR PP 71213	5.5	5.3	3.7	2.5	3.1	4.4	4.8	4.1
A16-7	3.8	4.2	4.7	3.2	3.6	3.9	4.2	4.0
PST-11-7	4.8	4.3	4.7	2.8	3.1	4.0	4.3	3.9
PST-K15-167	4.3	4.5	4.6	2.7	3.1	4.1	4.3	3.9
DLFPS-340/3364	3.2	3.7	4.5	2.9	3.5	3.8	4.5	3.8
KENBLUE	4.3	4.1	3.3	2.7	3.3	3.4	4.5	3.6
LSD VALUE	1.8	1.0	0.9	1.1	1.4	1.4	1.3	0.8
C.V. (%)	37.5	25.7	23.1	39.4	46.2	39.0	33.0	22.7

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

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

TABLE 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN APRIL							
	CONTROL APRIL 8	TRAFFIC APRIL 8	CONTROL APRIL 16	TRAFFIC APRIL 16	CONTROL APRIL 21	TRAFFIC APRIL 21	CONTROL APRIL 28	TRAFFIC APRIL 28
DLFPS-340/3455	99.0	97.7	98.0	97.0	97.7	95.7	98.7	96.3
DLFPS-340/3552	98.3	96.0	96.7	93.7	96.0	87.0	98.0	93.7
MVS-130	96.3	94.0	90.7	91.3	89.0	85.7	93.0	87.7
TWILIGHT (NAI-13-132)	99.0	94.7	95.3	93.7	95.0	91.3	97.3	94.3
A16-7	99.0	96.0	97.7	95.0	97.0	90.7	98.7	92.0
AKB3179	98.3	95.3	97.0	94.7	96.7	90.3	98.0	93.0
PST-K15-172	98.3	96.3	96.0	97.0	95.3	95.3	97.3	95.0
BLUE GEM (NAI-13-9)	99.0	96.3	96.7	96.3	96.7	95.7	98.7	97.3
PST-K15-167	99.0	96.0	97.3	96.0	97.0	93.0	98.3	94.7
DLFPS-340/3444	99.0	93.7	95.0	91.7	94.3	87.0	95.3	87.3
DLFPS-340/3494	94.7	98.3	98.3	98.3	98.0	98.0	99.0	98.3
DLFPS-340/3364	98.3	97.0	97.0	95.7	96.0	93.7	97.7	94.7
DLFPS-340/3551	97.7	97.7	98.3	96.7	98.0	94.7	98.7	96.3
DLFPS-340/3548	99.0	94.7	92.7	94.0	90.3	91.0	93.0	91.0
BARVETTE HGT®	99.0	95.3	93.0	95.7	91.0	94.7	96.3	97.3
BOMBAY (GO-22B23)	98.7	96.0	95.7	96.0	95.3	94.0	97.3	96.3
A16-17	99.0	99.0	99.0	99.0	99.0	98.0	99.0	98.0
NAI-14-128	98.3	90.3	92.7	85.0	92.3	78.7	95.3	82.7
DLFPS-340/3556	98.3	97.7	96.7	97.0	97.3	96.0	98.3	96.3
BLUE DEVIL	99.0	94.3	93.7	94.0	94.0	92.7	97.0	94.0
ELECTRIC (PST-K11-118)	99.0	98.0	97.3	97.7	97.0	95.7	98.0	96.0
HEARTLAND (NAI-14-187)	98.0	94.7	95.0	92.0	94.3	86.7	96.3	87.7
ORION (PST-K13-143)	99.0	97.0	96.3	95.7	95.3	95.0	97.7	95.0
NAI-14-132	98.7	89.7	87.0	86.0	86.0	78.7	91.3	82.0
NEW MOON (PST-K15-177)	93.7	97.0	98.3	97.3	98.0	95.7	98.7	95.3
PPG-KB 1304	98.7	98.0	98.0	97.7	97.3	96.7	98.3	97.0
UNITED (NAI-13-14)	99.0	96.7	95.7	96.7	96.7	96.3	98.0	97.7
DLFPS-340/3446	97.3	98.7	98.3	98.3	98.0	96.0	98.7	95.3
FINISH LINE (NAI-14-178)	99.0	97.7	97.3	97.3	97.3	96.7	98.3	97.7
J-2726	98.3	97.3	97.3	97.0	97.7	96.0	98.3	96.3
PALOMA (PST-K13-139)	98.3	98.3	95.0	97.0	95.3	96.0	97.0	96.0
AMAZE (NAI-14-133)	97.0	92.0	95.3	88.0	94.3	77.3	95.7	83.3
BABE	99.0	97.0	96.7	95.0	96.0	92.7	97.3	93.7
DLFPS-340/3550	97.7	96.7	96.0	96.7	96.3	92.7	97.3	94.0
DLFPS-340/3553	99.0	95.7	96.3	94.7	95.0	91.0	97.3	91.7
J-1319	97.3	97.3	95.7	96.3	95.0	95.3	97.3	94.0
JERSEY (NAI-A16-3)	99.0	98.3	98.3	98.3	97.3	97.3	98.3	97.3
RAD 553	99.0	98.7	98.0	98.0	96.7	94.7	97.3	95.7
BAR PP 71213	99.0	96.7	97.7	95.3	96.7	91.7	98.0	95.7
NAI-15-80	99.0	97.3	96.7	96.7	95.7	94.7	97.7	95.3
NK-1	98.3	95.3	96.7	92.3	93.7	86.3	97.0	91.3
PST-11-7	99.0	98.0	97.0	98.0	97.3	97.0	97.7	96.7
A12-34	97.0	96.3	96.7	95.0	96.3	91.0	97.3	93.7
A16-1	99.0	91.0	92.7	88.3	92.7	84.0	95.7	90.7
AKB3128	98.7	97.0	98.0	96.3	97.3	92.0	98.0	92.3
BAR PP 7236V	99.0	97.3	96.7	96.3	95.0	93.3	97.3	96.0
NURUSH (J-3510)	99.0	94.7	94.3	94.0	95.3	91.0	97.7	94.7
RAD-1776	99.0	95.7	95.3	93.0	93.7	89.7	97.0	94.3
J-1138	99.0	96.3	95.3	96.3	95.3	95.3	97.7	96.7
AFTER MIDNIGHT	98.3	97.7	97.3	97.7	96.7	96.7	98.0	97.0

TABLE 23.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN APRIL							
	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC
	APRIL 8	APRIL 8	APRIL 16	APRIL 16	APRIL 21	APRIL 21	APRIL 28	APRIL 28
BARSERATI (BAR PP 110358)	99.0	97.3	97.7	96.7	97.0	93.7	98.3	93.0
NAI-14-122	98.3	95.0	94.3	93.7	94.7	90.3	96.7	91.7
A06-8	98.7	95.7	97.7	95.3	98.0	90.7	98.3	94.0
SYRAH (LTP-11-41)	99.0	98.3	98.0	97.3	97.7	95.0	98.7	96.3
COMANCHE (NAI-14-176)	97.7	94.0	93.0	91.7	92.7	89.0	95.0	90.3
A11-26	98.0	97.3	98.0	97.3	97.0	96.0	98.3	96.7
SELWAY	99.0	98.7	99.0	98.3	98.3	96.7	99.0	96.7
CLOUD (GO-2425)	98.7	96.3	96.7	96.7	96.3	93.3	98.0	95.3
DLFPS-340/3549	99.0	98.3	97.7	98.0	97.3	97.0	98.0	96.7
KENBLUE	99.0	94.3	93.0	92.3	91.0	85.0	97.0	92.0
PROSPERITY	96.7	97.7	97.3	97.3	97.3	95.7	98.3	97.0
YELLOWSTONE (A12-7)	99.0	97.3	97.3	96.7	96.3	95.3	98.0	97.0
DLFPS-340/3500	99.0	98.3	98.7	98.0	98.0	96.7	98.7	97.0
SUPER MOON (PST-K13-141)	99.0	96.3	97.0	95.0	97.3	92.0	98.7	94.0
BLUE MAGIC (A99-2897)	97.7	95.7	96.7	94.7	96.3	89.0	97.7	91.3
DLFPS-340/3438	95.7	97.3	96.3	96.3	94.3	90.3	96.7	92.3
A10-280	97.3	97.7	97.0	97.0	96.3	94.7	98.3	95.7
A11-38	99.0	95.0	94.7	94.3	94.0	93.3	95.7	94.7
DUBLIN (PST-K15-157)	99.0	95.0	95.7	93.7	93.7	90.7	95.7	91.3
A11-40	99.0	97.3	96.7	96.0	96.3	93.3	98.0	95.0
BAR PP 7309V	99.0	98.0	98.0	97.3	97.3	94.0	98.7	95.7
PIVOT	98.7	95.0	96.0	93.3	96.0	88.0	97.7	87.3
BLUE KNIGHT	98.7	95.3	96.3	93.0	96.0	87.3	97.3	89.7
SHADOW HAWK (A16-2)	99.0	95.3	96.0	94.3	96.0	91.3	96.7	92.3
BAR PP 7K426	99.0	96.7	95.7	96.0	96.0	93.0	98.0	95.3
ACOUSTIC (PPG-KB 1131)	99.0	96.3	96.7	95.7	96.7	94.3	98.0	96.0
KH3492	99.0	97.7	96.7	96.7	96.3	96.0	97.7	95.7
STARR (GO-2628)	98.7	97.7	97.7	96.7	97.3	96.7	98.7	97.3
BAR PP 79494	99.0	94.0	96.3	93.7	96.0	90.7	97.7	93.7
AKB3241	97.7	96.7	97.0	95.7	96.0	93.0	97.7	93.0
SKYE	99.0	95.3	96.3	93.7	95.3	91.0	97.7	94.0
MIDNIGHT	99.0	96.3	96.0	95.7	96.0	95.0	98.7	97.0
A13-1	99.0	97.3	97.0	96.3	97.0	92.7	99.0	95.3
PPG-KB 1320	99.0	93.7	94.0	93.0	91.3	87.7	96.0	92.0
SHAMROCK	99.0	98.7	97.7	97.7	96.3	97.0	97.3	96.3
BAR PP 79366	99.0	96.0	96.0	95.0	95.7	93.7	98.3	96.3
PST-T14-39	96.3	98.0	95.3	63.7	92.0	64.3	94.3	64.0
A15-6	97.7	97.3	97.0	97.0	97.0	94.7	98.7	96.0
AVIATOR II (NAI-15-84)	98.0	97.3	97.0	96.3	97.0	94.7	98.0	94.3
LSD VALUE	1.5	4.1	4.6	21.2	4.6	15.7	2.1	15.2
C.V. (%)	0.9	2.2	2.4	6.9	2.5	7.4	1.3	6.7

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

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

TABLE 23.
(CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN NOVEMBER							
	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC
	NOVEMBER 6	NOVEMBER 6	NOVEMBER 9	NOVEMBER 9	NOVEMBER 13	NOVEMBER 13	NOVEMBER 16	NOVEMBER 16
DLFPS-340/3455	93.7	92.3	93.7	91.7	96.0	94.0	96.3	94.3
DLFPS-340/3552	96.3	96.3	95.7	92.7	98.0	93.7	98.0	86.0
MVS-130	93.7	94.3	95.0	91.7	96.7	94.7	96.3	92.7
TWILIGHT (NAI-13-132)	95.7	94.0	97.0	95.0	96.7	91.7	97.7	91.3
A16-7	95.0	93.7	93.3	90.3	96.3	92.7	97.0	85.0
AKB3179	95.3	94.3	95.0	94.3	97.3	93.3	97.0	88.0
PST-K15-172	93.7	91.7	95.7	94.0	96.0	88.7	94.3	91.3
BLUE GEM (NAI-13-9)	93.3	93.0	92.7	93.0	95.0	92.3	94.0	91.3
PST-K15-167	96.7	94.7	93.7	92.3	97.7	94.7	97.3	87.7
DLFPS-340/3444	95.3	93.7	95.7	89.0	97.7	94.3	96.3	93.7
DLFPS-340/3494	92.7	94.3	95.0	91.3	94.7	94.3	96.0	89.3
DLFPS-340/3364	96.0	94.3	95.0	93.0	96.3	93.3	97.7	84.0
DLFPS-340/3551	93.3	92.7	93.0	91.3	95.3	94.0	95.0	92.0
DLFPS-340/3548	94.3	92.3	95.0	93.7	96.7	92.7	96.3	91.0
BARVETTE HGT®	93.7	92.3	95.3	93.0	96.0	95.3	96.0	89.7
BOMBAY (GO-22B23)	94.3	94.3	95.7	92.7	96.3	95.0	97.3	84.3
A16-17	95.3	94.0	96.0	93.0	97.3	88.3	97.0	92.0
NAI-14-128	95.0	93.7	95.7	94.0	96.0	93.0	97.3	91.0
DLFPS-340/3556	95.0	92.0	94.0	85.0	96.0	94.0	97.0	93.3
BLUE DEVIL	95.3	94.7	93.3	85.0	97.3	92.3	97.7	95.0
ELECTRIC (PST-K11-118)	94.3	92.3	94.7	91.7	96.0	91.3	96.3	88.7
HEARTLAND (NAI-14-187)	95.0	94.3	93.3	92.3	97.0	91.7	95.3	92.0
ORION (PST-K13-143)	92.7	92.3	95.3	94.7	95.0	91.7	93.7	91.0
NAI-14-132	92.0	90.0	95.7	91.7	93.7	91.7	94.0	91.0
NEW MOON (PST-K15-177)	95.0	91.7	96.3	92.7	97.0	96.0	97.3	82.0
PPG-KB 1304	96.3	93.3	95.0	91.3	97.7	93.7	98.0	93.3
UNITED (NAI-13-14)	93.0	93.0	92.3	94.0	95.3	94.0	95.0	88.7
DLFPS-340/3446	95.7	94.3	96.3	92.3	96.3	92.0	96.3	89.3
FINISH LINE (NAI-14-178)	93.0	94.0	91.3	87.3	95.3	95.3	96.3	85.0
J-2726	92.0	90.7	95.7	94.0	93.7	94.7	96.3	93.7
PALOMA (PST-K13-139)	96.3	95.7	95.0	89.7	97.7	87.3	96.3	89.3
AMAZE (NAI-14-133)	93.3	92.7	95.0	94.7	94.7	89.0	95.0	90.0
BABE	94.7	92.7	94.3	90.7	96.3	90.0	96.7	94.7
DLFPS-340/3550	93.7	93.0	93.7	90.0	96.0	91.7	97.0	94.0
DLFPS-340/3553	95.0	95.0	95.7	92.0	96.7	90.3	98.0	94.0
J-1319	92.3	92.0	96.0	95.0	95.3	94.7	96.3	93.3
JERSEY (NAI-A16-3)	92.3	91.3	92.0	90.3	94.7	90.7	97.3	92.3
RAD 553	92.0	90.3	95.3	92.0	95.0	91.0	96.0	91.7
BAR PP 71213	93.3	92.7	95.3	94.7	95.0	91.3	97.7	91.3
NAI-15-80	94.0	92.3	94.0	89.3	96.0	92.0	95.3	91.3
NK-1	95.3	93.7	96.7	94.7	97.0	94.3	97.7	90.3
PST-11-7	93.7	92.3	96.0	91.7	95.7	94.7	96.3	85.0
A12-34	93.7	92.7	96.3	94.3	95.7	92.7	95.0	86.3
A16-1	93.0	92.7	94.7	91.7	96.0	95.7	96.3	92.0
AKB3128	94.7	94.0	94.3	92.7	95.7	92.7	95.3	82.7
BAR PP 7236V	92.7	90.0	92.7	89.0	94.0	91.7	93.7	92.3
NURUSH (J-3510)	94.3	93.7	93.0	92.3	96.0	95.7	96.0	84.3
RAD-1776	94.0	91.7	96.3	94.0	96.0	94.0	96.3	93.0
J-1138	92.0	90.7	97.3	95.7	95.7	92.0	96.7	86.7
AFTER MIDNIGHT	94.0	94.0	96.3	94.0	95.0	95.7	96.3	92.3

TABLE 23.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN NOVEMBER							
	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC
	NOVEMBER 6	NOVEMBER 6	NOVEMBER 9	NOVEMBER 9	NOVEMBER 13	NOVEMBER 13	NOVEMBER 16	NOVEMBER 16
BARSERATI (BAR PP 110358)	91.7	90.0	96.3	91.3	94.7	89.0	95.0	89.0
NAI-14-122	92.0	92.7	94.3	92.7	93.7	90.7	94.7	97.7
A06-8	94.0	92.7	95.3	94.3	96.7	93.0	97.3	92.7
SYRAH (LTP-11-41)	94.0	92.0	95.7	91.7	96.7	92.3	97.0	92.0
COMANCHE (NAI-14-176)	93.7	93.0	95.0	92.7	96.0	87.0	94.7	83.3
A11-26	93.7	91.3	94.7	91.7	96.0	94.0	96.7	89.7
SELWAY	93.0	91.7	93.7	90.0	94.7	93.3	95.7	88.7
CLOUD (GO-2425)	91.7	88.7	94.7	90.0	94.7	86.7	96.0	93.0
DLFPS-340/3549	93.0	90.0	93.0	90.7	95.3	89.3	96.3	93.7
KENBLUE	92.7	92.7	95.3	92.0	95.7	93.0	97.0	92.0
PROSPERITY	90.3	90.3	96.0	91.7	93.3	94.0	95.0	91.3
YELLOWSTONE (A12-7)	93.7	93.0	95.7	94.3	95.7	92.7	91.7	81.0
DLFPS-340/3500	93.3	92.0	93.7	89.7	95.3	91.0	94.0	89.7
SUPER MOON (PST-K13-141)	94.7	90.7	95.7	91.3	95.7	93.0	96.7	93.3
BLUE MAGIC (A99-2897)	94.0	90.7	95.3	91.7	95.7	89.7	95.3	80.7
DLFPS-340/3438	93.3	93.0	95.7	92.7	94.7	89.0	95.3	92.3
A10-280	94.7	91.7	94.7	93.0	97.0	88.3	97.7	88.3
A11-38	92.7	90.0	93.3	91.7	95.7	89.7	97.0	88.7
DUBLIN (PST-K15-157)	93.3	91.0	94.3	92.0	96.0	94.3	97.3	91.7
A11-40	96.0	94.0	96.3	95.0	97.3	93.3	97.0	91.0
BAR PP 7309V	92.7	89.3	96.0	92.7	94.7	90.0	95.7	92.3
PIVOT	92.3	92.7	95.3	95.3	95.3	95.0	95.7	91.0
BLUE KNIGHT	92.0	89.7	92.3	91.7	93.7	90.0	95.0	90.3
SHADOW HAWK (A16-2)	91.0	89.0	95.3	91.7	94.0	89.0	95.3	88.0
BAR PP 7K426	91.3	89.7	94.0	86.0	94.7	89.0	95.3	84.0
ACOUSTIC (PPG-KB 1131)	94.7	92.0	95.7	95.3	96.7	92.7	97.0	81.0
KH3492	94.3	91.7	94.0	94.7	96.7	89.7	96.3	88.7
STARR (GO-2628)	94.7	93.7	95.0	89.3	96.7	91.3	97.7	94.3
BAR PP 79494	89.3	88.7	95.7	89.3	92.0	91.0	92.3	83.0
AKB3241	91.7	88.3	96.0	88.7	95.0	92.3	95.3	91.7
SKYE	92.7	91.7	91.7	90.3	95.3	91.3	94.7	84.7
MIDNIGHT	93.7	90.3	94.7	89.3	96.3	92.3	97.3	93.3
A13-1	95.0	86.7	97.0	95.3	95.7	90.3	96.0	91.3
PPG-KB 1320	88.7	89.0	95.3	94.0	92.0	85.7	91.3	81.0
SHAMROCK	93.0	90.7	92.3	84.7	95.3	91.7	96.3	90.3
BAR PP 79366	91.7	90.0	94.7	93.7	95.3	86.3	95.7	84.7
PST-T14-39	95.7	62.0	93.3	62.0	94.7	60.3	96.0	55.0
A15-6	93.0	88.0	91.7	86.7	95.7	90.0	96.7	85.3
AVIATOR II (NAI-15-84)	93.3	87.3	93.0	88.0	95.3	83.0	96.3	91.7
LSD VALUE	10.1	30.9	8.4	26.7	8.0	24.1	8.4	20.9
C.V. (%)	2.7	7.3	2.3	7.4	2.1	7.4	2.3	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 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN NOVEMBER AND DECEMBER					
	CONTROL		TRAFFIC		CONTROL	
	NOVEMBER 20		NOVEMBER 30		DECEMBER 4	
DLFPS-340/3455	96.7	88.7	97.0	92.0	96.7	84.0
DLFPS-340/3552	98.0	93.7	97.7	90.7	97.7	83.3
MVS-130	96.0	89.3	96.3	87.7	95.7	82.7
TWILIGHT (NAI-13-132)	96.3	88.3	96.3	84.3	95.3	82.3
A16-7	96.7	87.0	97.0	87.7	96.7	80.3
AKB3179	96.7	85.0	96.7	85.0	95.3	80.0
PST-K15-172	95.7	78.0	96.0	79.0	94.7	79.3
BLUE GEM (NAI-13-9)	94.3	88.7	95.0	83.3	94.7	78.7
PST-K15-167	97.3	88.7	97.3	81.7	97.3	78.7
DLFPS-340/3444	98.0	85.7	98.0	86.3	97.7	78.0
DLFPS-340/3494	94.7	87.7	95.7	83.7	95.0	78.0
DLFPS-340/3364	97.3	79.3	97.0	81.3	97.0	77.7
DLFPS-340/3551	95.3	87.0	96.0	82.7	94.7	77.7
DLFPS-340/3548	96.7	83.7	96.3	81.0	96.0	77.3
BARVETTE HGT®	96.0	87.3	94.7	80.3	95.0	77.0
BOMBAY (GO-22B23)	95.7	91.3	96.3	81.7	95.7	76.0
A16-17	96.7	77.3	96.3	75.7	96.0	75.7
NAI-14-128	96.7	84.3	96.7	78.7	96.3	75.3
DLFPS-340/3556	96.3	80.0	97.0	74.0	95.7	75.0
BLUE DEVIL	97.3	80.3	97.0	85.3	97.0	74.3
ELECTRIC (PST-K11-118)	95.7	85.3	96.0	83.0	95.7	74.3
HEARTLAND (NAI-14-187)	96.7	80.0	96.7	78.7	95.7	74.3
ORION (PST-K13-143)	95.0	84.3	96.7	84.3	95.3	74.3
NAI-14-132	94.0	82.0	94.7	83.3	95.3	73.0
NEW MOON (PST-K15-177)	97.0	79.7	97.3	73.3	96.7	73.0
PPG-KB 1304	97.0	82.0	96.7	82.7	96.3	72.7
UNITED (NAI-13-14)	94.3	90.0	95.7	74.7	94.0	72.7
DLFPS-340/3446	97.3	80.7	97.3	76.7	97.3	72.0
FINISH LINE (NAI-14-178)	94.7	86.0	96.0	82.7	95.7	72.0
J-2726	93.0	88.0	93.3	79.3	92.0	72.0
PALOMA (PST-K13-139)	97.7	80.0	97.7	77.7	97.3	72.0
AMAZE (NAI-14-133)	94.7	79.7	96.3	84.3	96.0	71.7
BABE	96.7	84.0	95.7	78.0	95.3	71.7
DLFPS-340/3550	96.0	81.3	96.3	75.7	95.7	71.7
DLFPS-340/3553	97.3	90.3	97.3	77.0	97.0	71.7
J-1319	95.3	81.7	95.3	77.3	94.0	71.7
JERSEY (NAI-A16-3)	93.0	87.3	92.3	70.0	91.0	71.7
RAD 553	94.7	79.7	94.3	81.7	91.0	71.7
BAR PP 71213	95.0	88.7	94.3	76.7	93.7	71.3
NAI-15-80	96.0	85.0	96.0	77.7	95.3	71.3
NK-1	97.3	82.0	97.3	78.0	96.7	71.3
PST-11-7	95.3	82.0	96.0	75.0	95.7	71.3
A12-34	95.3	82.7	96.7	77.7	95.3	71.0
A16-1	95.7	80.0	96.7	74.3	95.7	70.7
AKB3128	96.0	80.7	95.7	78.0	94.7	70.3
BAR PP 7236V	94.0	80.3	94.3	81.0	94.0	70.3
NURUSH (J-3510)	95.0	89.7	95.3	76.3	92.7	70.0
RAD-1776	96.0	78.0	96.0	69.7	95.7	70.0
J-1138	95.3	88.3	94.7	77.3	93.0	69.3
AFTER MIDNIGHT	94.7	85.3	94.0	73.7	93.0	69.0

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/
2020 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN NOVEMBER AND DECEMBER					
	CONTROL	TRAFFIC	CONTROL	TRAFFIC	CONTROL	TRAFFIC
	NOVEMBER	20	NOVEMBER	30	DECEMBER	4
BARSERATI (BAR PP 110358)	94.3	80.7	95.0	77.0	93.3	68.7
NAI-14-122	94.0	80.3	95.3	74.0	94.0	68.7
A06-8	96.3	78.7	95.0	70.0	94.0	68.3
SYRAH (LTP-11-41)	96.3	75.7	97.0	78.0	96.3	68.3
COMANCHE (NAI-14-176)	95.7	79.3	94.0	71.7	94.0	68.0
A11-26	96.0	82.7	96.0	76.0	96.0	67.7
SELWAY	94.3	75.0	95.7	78.7	94.0	67.0
CLOUD (GO-2425)	96.3	76.7	97.7	72.7	97.0	66.7
DLFPS-340/3549	95.7	75.7	96.0	74.0	95.7	66.7
KENBLUE	96.3	84.7	96.7	80.3	96.0	66.7
PROSPERITY	92.7	83.0	93.7	72.3	92.3	65.7
YELLOWSTONE (A12-7)	96.0	79.7	94.3	73.7	93.3	65.7
DLFPS-340/3500	94.7	80.0	95.7	76.3	95.0	65.3
SUPER MOON (PST-K13-141)	96.0	82.3	96.3	71.3	96.0	65.3
BLUE MAGIC (A99-2897)	95.3	83.3	95.0	74.3	94.7	65.0
DLFPS-340/3438	95.7	77.7	96.7	72.0	96.0	65.0
A10-280	97.3	84.7	97.0	72.7	96.3	64.3
A11-38	95.3	88.0	95.0	67.3	94.0	64.3
DUBLIN (PST-K15-157)	96.3	88.3	95.3	76.0	95.3	64.3
A11-40	97.3	82.3	96.3	74.0	96.0	63.7
BAR PP 7309V	94.7	81.7	95.0	69.0	94.7	63.3
PIVOT	96.0	84.0	96.3	71.0	95.3	63.0
BLUE KNIGHT	94.0	72.7	94.7	74.0	93.7	62.3
SHADOW HAWK (A16-2)	94.3	74.3	94.0	70.7	93.7	62.0
BAR PP 7K426	94.0	71.0	93.7	59.3	93.7	62.0
ACOUSTIC (PPG-KB 1131)	96.7	75.3	96.0	70.0	95.7	62.0
KH3492	95.7	73.0	94.0	66.0	94.0	61.7
STARR (GO-2628)	96.3	73.3	97.3	67.7	96.3	61.7
BAR PP 79494	91.7	77.7	90.3	67.0	89.0	60.7
AKB3241	95.0	70.0	96.0	68.3	95.7	60.0
SKYE	95.3	82.7	95.0	70.7	94.0	60.0
MIDNIGHT	96.7	81.0	97.0	71.0	96.3	59.0
A13-1	95.7	80.3	96.7	64.7	96.3	58.0
PPG-KB 1320	93.0	66.7	93.0	64.7	91.7	57.3
SHAMROCK	96.0	80.7	95.3	69.0	94.7	57.0
BAR PP 79366	93.7	71.3	95.0	68.7	93.0	55.3
PST-T14-39	94.0	54.0	90.7	54.3	88.0	54.0
A15-6	95.0	76.7	93.3	67.0	92.0	53.7
AVIATOR II (NAI-15-84)	96.3	61.3	97.0	58.3	96.7	50.0
LSD VALUE	8.7	28.0	13.2	46.8	12.7	51.5
C.V. (%)	2.3	11.8	2.8	15.4	3.2	17.9

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

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

TABLE 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2018-2022 DATA

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

NAME	PERCENT ESTABLISHMENT	PERCENT GROUND COVER APRIL	QUALITY 2017	MAY	WEAR JULY	TOLERANCE OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
FINISH LINE (NAI-14-178)	50.0	86.7	4.3	7.2	6.4	6.5	7.2	6.5	6.5	6.3	6.0	6.8	6.6	6.2	6.3	6.4
BAR PP 7309V	83.3	91.7	6.7	6.2	6.2	6.0	6.3	6.3	6.1	6.2	6.1	6.3	6.1	5.8	5.7	6.1
AFTER MIDNIGHT	83.3	90.0	5.7	6.4	6.1	6.1	6.5	6.1	6.1	5.8	5.9	6.1	6.2	5.8	5.7	6.0
DLFPS-340/3556	76.7	86.7	5.7	5.6	5.0	5.3	6.5	6.3	6.2	6.2	5.7	6.1	5.8	5.9	5.7	6.0
J-2726	71.7	91.7	6.0	6.1	5.8	5.7	6.7	6.4	5.8	5.6	6.2	5.9	6.0	5.8	6.0	6.0
A16-17	83.3	91.7	6.3	5.6	5.3	5.3	6.5	5.8	5.9	6.4	5.9	6.0	6.0	5.3	4.5	5.9
BAR PP 7236V	76.7	90.0	5.7	4.8	4.8	4.9	6.5	5.8	6.2	5.8	5.7	5.8	5.8	6.0	6.0	5.9
DLFPS-340/3494	70.0	86.7	5.0	6.1	5.4	5.5	6.0	6.0	6.1	5.5	5.8	5.8	5.9	5.8	5.8	5.9
PST-11-7	71.7	86.7	5.7	6.8	6.5	6.4	6.3	6.1	6.5	6.0	5.8	5.7	5.9	5.4	5.5	5.9
J-1138	81.7	91.7	5.7	6.3	6.0	6.0	6.0	6.4	6.3	5.5	5.3	5.8	5.9	5.7	5.2	5.8
KH3492	81.7	90.0	5.3	6.0	5.8	5.9	6.5	6.3	6.3	5.8	5.5	5.6	5.6	5.4	5.5	5.8
BAR PP 79494	75.0	91.7	5.3	6.4	6.3	6.0	5.7	5.8	6.3	5.8	5.4	5.7	5.8	5.4	5.5	5.7
BAR PP 7K426	81.7	93.3	6.0	5.8	5.7	5.5	6.2	6.0	5.9	5.5	5.3	5.7	5.6	5.6	5.7	5.7
DLFPS-340/3500	53.3	83.3	4.7	5.7	5.2	5.3	5.7	6.1	6.1	6.0	5.7	5.7	5.6	5.3	5.2	5.7
DLFPS-340/3549	75.0	91.7	5.3	6.2	5.6	5.7	5.8	6.2	6.0	6.2	5.8	5.6	5.5	5.3	4.8	5.7
SYRAH (LTP-11-41)	76.7	93.3	6.3	6.1	6.2	6.0	6.3	6.2	5.5	5.1	5.7	5.8	5.8	5.8	5.8	5.7
A11-38	56.7	88.3	5.0	4.9	5.0	4.8	6.7	5.9	5.8	5.6	5.6	5.3	5.5	5.1	5.2	5.6
BAR PP 79366	66.7	88.3	5.7	5.3	5.0	4.9	5.7	5.8	5.9	5.6	5.8	5.6	5.5	5.3	5.3	5.6
BARVETTE HGT®	78.3	91.7	5.3	5.9	5.7	5.7	5.7	5.7	5.8	5.8	5.6	5.7	5.8	5.3	4.7	5.6
DLFPS-340/3444	78.3	88.3	5.3	5.7	5.7	5.6	5.5	5.8	5.8	5.6	5.5	5.7	5.8	5.4	5.5	5.6
KENBLUE	91.7	91.7	6.7	5.0	4.4	4.7	5.7	5.6	5.7	5.6	6.0	5.9	5.8	4.9	4.8	5.6
NURUSH (J-3510)	78.3	90.0	5.3	6.3	6.1	5.8	5.3	5.9	5.9	5.7	5.6	5.6	5.5	5.5	5.3	5.6
STARR (GO-2628)	80.0	91.7	5.7	6.3	5.8	5.8	6.0	5.8	5.7	5.4	5.3	5.7	5.6	5.6	5.5	5.6
SUPER MOON (PST-K13-141)	80.0	88.3	5.7	5.2	4.9	4.9	5.7	5.8	6.1	6.0	5.7	5.4	5.3	5.1	5.0	5.6
YELLOWSTONE (A12-7)	70.0	90.0	5.7	5.8	5.9	5.8	5.8	5.9	6.1	6.0	5.5	5.6	5.3	5.4	5.0	5.6
ACOUSTIC (PPG-KB 1131)	70.0	85.0	5.0	7.1	5.8	6.3	5.3	5.4	5.3	5.6	5.8	5.7	5.8	5.6	5.0	5.5
BAR PP 71213	81.7	95.0	6.0	4.8	4.8	4.6	5.3	5.8	5.9	5.3	5.0	5.5	5.6	5.3	5.5	5.5
BLUE DEVIL	71.7	88.3	5.7	5.8	5.9	5.8	5.3	5.7	5.9	5.6	5.5	5.5	5.4	5.3	5.5	5.5
BLUE GEM (NAI-13-9)	80.0	95.0	5.7	5.9	5.7	5.8	5.5	5.8	5.8	5.3	5.2	5.4	5.4	5.3	5.5	5.5
TWILIGHT (NAI-13-132)	73.3	93.3	6.0	6.2	6.1	5.7	5.5	5.7	6.1	4.8	5.1	5.5	5.6	5.3	5.7	5.5
UNITED (NAI-13-14)	71.7	91.7	5.3	6.0	6.0	5.8	5.5	5.5	6.1	5.5	5.0	5.6	5.5	5.4	5.5	5.5
A11-26	70.0	88.3	5.3	5.3	4.8	4.9	5.3	5.8	5.8	5.6	5.4	5.2	5.0	5.2	5.3	5.4
BLUE KNIGHT	70.0	86.7	5.0	5.6	5.5	5.5	5.3	5.3	5.5	5.5	5.4	5.5	5.4	5.3	5.3	5.4
BOMBAY (GO-22B23)	71.7	95.0	6.0	5.9	5.4	5.5	5.7	5.5	5.7	5.2	4.8	5.3	5.4	5.3	5.8	5.4
CLOUD (GO-2425)	76.7	91.7	5.3	6.7	6.2	6.2	5.7	5.6	5.8	5.4	5.5	5.2	5.5	5.3	5.2	5.4
DLFPS-340/3551	70.0	85.0	5.0	5.3	4.9	5.2	5.7	5.8	5.8	5.8	5.3	5.3	5.0	5.0	5.5	5.4
PIVOT	80.0	90.0	6.0	5.1	5.3	5.3	5.2	5.6	5.7	5.9	5.3	5.4	5.4	5.2	5.2	5.4
PROSPERITY	71.7	85.0	4.3	6.1	5.8	5.9	5.2	5.3	5.7	5.5	5.5	5.5	5.3	5.5	5.3	5.4
RAD 553	85.0	93.3	6.3	5.3	5.3	5.1	6.0	6.1	5.8	5.7	5.3	5.2	5.1	4.8	4.5	5.4
SHAMROCK	73.3	90.0	4.3	5.8	5.5	5.2	6.0	5.6	5.5	5.3	5.3	5.3	5.5	5.3	5.2	5.4
A11-40	73.3	93.3	6.0	5.0	5.2	4.9	5.5	5.3	5.6	5.2	5.2	5.3	5.4	5.3	5.3	5.3
A15-6	66.7	86.7	5.7	5.3	5.2	5.3	4.8	5.3	5.4	5.8	5.1	5.3	5.1	5.0	5.5	5.3
SHADOW HAWK (A16-2)	66.7	86.7	5.0	5.5	5.3	5.4	5.3	5.6	5.7	5.4	5.1	5.1	5.2	5.0	5.2	5.3
A16-7	65.0	81.7	4.3	5.4	5.3	5.3	5.0	5.1	5.6	5.7	5.3	5.2	5.3	4.9	5.2	5.3
ELECTRIC (PST-K11-118)	66.7	90.0	6.0	4.7	4.6	4.7	5.3	5.7	5.8	5.3	4.8	4.9	5.3	5.3	5.5	5.3
PPG-KB 1320	43.3	76.7	4.3	5.6	5.3	5.3	4.8	5.4	5.6	5.4	5.3	5.2	5.2	5.0	5.0	5.3
A16-1	56.7	86.7	5.0	5.2	5.6	5.4	5.5	5.5	5.5	5.2	4.9	5.1	4.8	5.2	5.2	5.2
DLFPS-340/3455	80.0	95.0	6.0	4.3	4.3	4.4	5.7	5.7	5.7	5.8	5.2	4.8	5.0	4.6	4.5	5.2
DLFPS-340/3552	78.3	85.0	5.0	5.3	5.2	5.2	5.0	5.0	6.2	5.7	5.3	4.9	4.8	4.8	4.7	5.2

TABLE 24. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2018-2022 DATA

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

NAME	PERCENT	PERCENT	QUALITY	MAY	WEAR TOLERANCE			APR	MAY	JUN	QUALITY RATINGS				NOV	DEC	MEAN
	ESTABLISHMENT	GROUND COVER			JULY	OCTOBER	JUL				AUG	SEP	OCT				
BABE	78.3	90.0	5.3	5.5	5.1	5.3	5.2	5.3	5.3	4.8	4.7	5.1	5.3	5.2	5.3	5.1	
J-1319	80.0	90.0	5.0	5.6	5.8	5.6	4.7	5.3	5.6	5.5	4.8	5.0	5.1	5.0	5.2	5.1	
JERSEY (NAI-A16-3)	75.0	90.0	6.0	4.8	4.9	4.8	6.0	5.3	5.3	4.2	4.5	5.5	5.5	5.5	4.8	5.1	
MIDNIGHT	71.7	91.7	5.7	5.8	5.5	6.2	4.8	5.2	5.5	5.3	5.1	5.2	5.0	5.0	5.2	5.1	
ORION (PST-K13-143)	68.3	90.0	5.7	5.5	5.4	5.3	4.7	5.4	5.6	5.3	5.0	4.8	5.0	4.8	4.8	5.1	
PPG-KB 1304	70.0	91.7	6.0	5.8	5.1	5.2	5.2	5.5	5.3	5.4	4.9	5.0	4.8	4.8	4.7	5.1	
SKYE	71.7	90.0	5.0	5.3	5.4	5.4	5.3	5.5	5.3	4.9	4.9	5.1	5.0	5.1	5.0	5.1	
A06-8	53.3	81.7	4.7	4.7	4.8	4.7	4.7	5.1	5.1	5.1	4.8	5.0	5.2	4.8	5.0	5.0	
DLFPS-340/3550	68.3	86.7	5.0	4.3	4.1	4.3	4.7	4.8	5.5	5.4	5.0	5.0	4.8	4.8	5.2	5.0	
NEW MOON (PST-K15-177)	70.0	83.3	4.3	5.8	5.8	5.4	5.3	4.8	5.4	5.3	5.1	4.9	4.8	4.8	4.8	5.0	
PST-K15-172	73.3	86.7	5.3	4.8	4.8	4.4	5.2	4.8	5.3	5.1	4.7	5.2	5.2	5.0	4.8	5.0	
RAD-1776	81.7	93.3	5.7	4.8	4.7	4.8	5.3	5.2	5.3	5.3	4.8	4.6	4.9	4.7	4.8	5.0	
SELWAY	76.7	90.0	5.3	5.2	5.2	5.3	5.2	5.0	5.1	5.3	5.0	5.0	5.1	4.7	5.0	5.0	
A13-1	71.7	90.0	6.0	5.1	4.7	4.8	4.7	4.9	5.1	5.2	4.8	4.8	4.8	4.6	5.0	4.9	
AKB3128	81.7	88.3	5.0	4.7	4.8	4.7	4.5	5.2	5.4	5.3	4.8	4.7	4.8	4.6	5.0	4.9	
BLUE MAGIC (A99-2897)	76.7	83.3	5.0	4.8	4.5	4.6	4.2	5.0	5.4	5.0	4.6	4.8	5.0	4.8	5.3	4.9	
DLFPS-340/3364	20.0	53.3	3.3	4.7	4.5	5.0	4.8	4.8	4.9	5.6	4.9	4.8	5.0	4.8	4.8	4.9	
DLFPS-340/3438	66.7	86.7	5.0	4.2	4.1	4.3	4.5	5.0	5.5	5.6	4.7	4.7	4.6	4.5	5.2	4.9	
PALOMA (PST-K13-139)	70.0	88.3	5.3	5.2	5.4	5.2	4.5	4.8	4.9	5.2	4.9	4.8	4.8	4.9	5.0	4.9	
PST-T14-39	63.3	88.3	5.0	5.0	5.0	5.3	4.7	4.9	4.9	5.3	4.8	4.8	4.8	4.8	5.2	4.9	
A10-280	56.7	85.0	4.0	4.8	4.8	5.0	4.0	5.3	4.8	4.9	4.4	4.8	4.8	4.5	4.7	4.7	
A12-34	55.0	75.0	4.0	4.5	4.4	4.5	4.3	4.7	5.2	4.9	4.8	4.5	4.6	4.5	4.3	4.7	
DUBLIN (PST-K15-157)	73.3	91.7	5.0	4.8	4.6	5.0	4.3	4.5	4.9	4.8	4.7	4.7	4.8	4.8	4.7	4.7	
AVIATOR II (NAI-15-84)	61.7	78.3	4.7	4.3	4.5	4.6	4.2	4.7	5.1	4.8	4.4	4.5	4.8	4.6	4.7	4.6	
BARSERATI (BAR PP 110358)	80.0	91.7	5.0	4.3	4.5	4.3	4.3	4.9	4.8	4.6	4.6	4.3	4.4	4.5	5.0	4.6	
DLFPS-340/3548	66.7	88.3	4.7	5.0	4.8	4.9	4.5	4.8	4.7	4.6	4.7	4.7	4.5	4.5	4.5	4.6	
DLFPS-340/3553	65.0	86.7	4.7	4.5	4.5	4.7	4.5	4.8	4.8	4.4	4.4	4.7	4.8	4.7	4.8	4.6	
PST-K15-167	70.0	81.7	4.3	5.0	5.3	5.0	4.2	4.4	5.1	5.1	4.7	4.4	4.4	4.3	4.3	4.6	
DLFPS-340/3446	71.7	86.7	5.7	4.3	4.1	4.2	3.8	4.6	4.8	4.9	4.7	4.5	4.3	4.4	4.5	4.5	
AKB3179	58.3	78.3	3.7	3.7	3.8	3.8	4.2	4.3	5.1	5.1	4.3	4.0	4.1	4.1	4.2	4.4	
NAI-15-80	28.3	68.3	3.7	4.3	4.3	4.3	4.2	4.3	4.7	4.6	4.5	4.6	4.5	4.2	4.2	4.4	
NK-1	73.3	83.3	4.3	3.8	4.1	3.8	4.0	3.9	4.7	4.7	4.8	4.5	4.2	4.3	4.2	4.4	
AKB3241	53.3	80.0	4.0	4.1	4.1	4.2	4.0	4.5	4.5	4.2	4.3	4.4	4.5	4.3	3.8	4.3	
NAI-14-128	70.0	85.0	5.0	4.7	4.6	4.8	4.2	4.3	4.3	4.3	4.3	4.4	4.3	4.2	4.0	4.3	
HEARTLAND (NAI-14-187)	58.3	71.7	4.7	4.8	5.0	4.8	3.7	4.1	4.3	4.3	4.3	4.4	4.3	4.3	4.0	4.2	
MVS-130	66.7	76.7	5.0	4.5	4.4	4.4	4.2	4.3	4.3	4.3	4.3	4.5	4.1	4.2	4.2	4.2	
NAI-14-132	63.3	78.3	5.0	4.6	4.8	4.5	4.0	4.3	4.1	4.3	4.3	4.3	3.9	4.1	4.0	4.2	
AMAZE (NAI-14-133)	63.3	81.7	4.0	4.6	4.8	4.6	3.8	4.2	4.2	4.3	4.2	4.2	4.1	4.0	4.2	4.1	
NAI-14-122	61.7	83.3	5.3	4.7	4.9	4.8	3.7	4.1	4.1	4.3	4.3	4.3	4.2	4.1	4.0	4.1	
COMANCHE (NAI-14-176)	56.7	75.0	4.7	4.5	4.5	4.6	3.7	3.8	3.9	4.1	4.1	4.2	4.1	4.0	3.8	4.0	
LSD VALUE	12.4	7.1	1.0	0.6	0.6	0.6	0.7	0.6	0.5	0.6	0.6	0.4	0.4	0.4	0.6	0.3	
C.V. (%)	11.4	5.3	11.3	15.4	14.7	14.4	12.1	14.1	11.8	15.6	16.0	11.5	11.8	11.4	10.1	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 25A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	MAY 3 NO TRAFFIC	MAY 3 TRAFFIC	MAY 3 NO TRAFFIC	MAY 3 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC
BARVETTE HGT®	8.7	8.7	96.3	83.3	9.0	8.0	77.3	70.3	97.7	78.3
BAR PP 7K426	9.0	7.7	91.7	65.0	9.0	7.3	84.7	84.0	99.0	70.0
PST-K15-172	8.7	6.7	95.0	61.7	9.0	6.7	86.7	80.3	99.0	65.0
BAR PP 7309V	8.7	6.7	90.0	56.7	9.0	6.7	81.3	72.7	99.0	61.7
DLFPS-340/3550	8.3	5.7	88.3	53.3	8.7	5.0	93.0	74.0	93.3	58.3
DLFPS-340/3552	8.7	6.7	90.0	58.3	8.7	6.0	83.3	73.0	93.0	58.3
ACOUSTIC (PPG-KB 1131)	8.7	6.3	90.0	60.0	9.0	5.7	88.0	81.7	99.0	58.3
BLUE DEVIL	8.7	6.3	93.3	58.3	9.0	5.0	87.3	70.7	99.0	55.0
FINISH LINE (NAI-14-178)	6.7	4.0	76.7	45.0	8.7	4.3	90.0	75.3	96.0	55.0
PROSPERITY	8.0	5.3	86.7	53.3	9.0	5.3	92.0	83.7	94.7	55.0
A11-40	9.0	5.7	96.3	56.7	9.0	5.3	90.3	63.0	99.0	53.3
A11-26	6.3	4.0	71.7	36.7	8.7	4.7	92.0	75.3	91.7	51.7
BLUE GEM (NAI-13-9)	9.0	6.0	95.0	58.3	9.0	5.0	87.0	68.0	97.7	51.7
J-1138	8.0	6.0	87.0	55.0	9.0	5.0	88.3	69.0	99.0	51.7
SUPER MOON (PST-K13-141)	7.7	4.7	86.7	38.3	8.7	5.3	89.3	69.0	97.7	51.7
UNITED (NAI-13-14)	8.0	6.7	83.3	61.7	8.7	5.0	86.7	72.0	94.7	51.7
A16-17	6.3	5.0	61.7	51.7	8.0	4.7	89.0	76.3	78.3	50.0
DLFPS-340/3455	8.0	4.3	86.7	48.3	9.0	4.3	83.7	65.3	96.3	50.0
PST-K15-167	8.3	5.7	88.3	50.0	8.7	4.7	85.3	72.0	93.0	50.0
DLFPS-340/3500	7.3	5.3	76.7	36.7	8.7	4.0	94.7	74.3	97.7	48.3
NEW MOON (PST-K15-177)	9.0	5.7	95.0	53.3	9.0	4.7	90.0	64.0	97.7	48.3
AFTER MIDNIGHT	8.7	5.7	86.7	53.3	9.0	4.0	90.3	69.7	94.7	46.7
BOMBAY (GO-22B23)	8.0	5.7	83.3	48.3	9.0	4.0	91.0	61.0	99.0	46.7
DLFPS-340/3494	7.0	3.0	73.3	30.0	8.7	4.0	96.0	83.3	96.3	46.7
MIDNIGHT	8.7	6.0	91.7	56.7	9.0	4.3	86.7	61.7	99.0	46.7
BABE	6.3	4.3	71.7	41.7	9.0	3.7	88.3	59.7	99.0	45.0
BAR PP 71213	7.0	5.3	71.7	56.7	8.3	4.0	83.0	55.7	93.0	45.0
DLFPS-340/3556	6.3	4.0	63.3	40.0	7.7	4.0	92.7	70.3	85.0	45.0
A10-280	8.3	5.7	83.3	45.0	9.0	4.0	93.3	67.3	96.0	43.3
A13-1	6.7	4.0	71.7	36.7	8.0	3.3	94.3	71.3	93.0	43.3
SHADOW HAWK (A16-2)	8.7	5.0	91.7	45.0	9.0	4.0	86.0	55.3	99.0	43.3
AKB3179	8.7	5.7	86.7	45.0	9.0	4.0	87.0	56.3	99.0	43.3
BAR PP 79494	8.3	6.0	86.7	58.3	9.0	3.7	88.0	65.3	95.0	43.3
CLOUD (GO-2425)	7.3	5.0	81.7	46.7	9.0	3.7	90.3	59.7	99.0	43.3
DLFPS-340/3549	7.0	5.0	73.3	43.3	8.7	4.0	83.7	51.7	97.7	43.3
JERSEY (NAI-A16-3)	7.3	5.3	80.0	45.0	9.0	4.3	89.3	61.7	97.7	43.3
MVS-130	6.7	3.3	70.0	38.3	8.3	3.0	90.3	63.7	93.0	43.3
NURUSH (J-3510)	9.0	6.7	96.3	61.7	9.0	4.7	84.7	68.0	99.0	43.3
SYRAH (LTP-11-41)	8.3	5.3	86.7	45.0	9.0	4.3	85.7	57.3	99.0	43.3
BAR PP 79366	7.0	4.3	70.0	36.7	8.7	3.7	94.7	71.0	88.3	41.7
DLFPS-340/3446	6.0	3.7	63.3	36.7	8.0	3.0	89.7	59.3	90.0	40.0
DLFPS-340/3551	8.3	4.7	88.3	48.3	8.3	4.0	91.3	64.0	86.7	40.0
KENBLUE	8.0	5.3	83.3	55.0	8.7	3.7	75.7	45.7	91.7	40.0
PALOMA (PST-K13-139)	7.0	4.3	71.7	36.7	9.0	3.7	85.0	58.7	97.7	40.0
PST-T14-39	7.0	3.0	63.3	28.3	8.3	2.7	90.3	58.3	94.7	40.0
RAD 553	6.3	3.3	65.0	38.3	8.0	3.7	84.7	46.3	94.7	40.0
ELECTRIC (PST-K11-118)	7.7	5.3	81.7	43.3	8.3	3.7	88.3	64.7	93.0	38.3
PST-11-7	8.7	5.7	86.7	55.0	9.0	4.7	92.7	80.3	97.7	38.3
A15-6	7.7	5.0	71.7	43.3	8.0	3.7	87.0	63.7	88.3	36.7
J-1319	8.0	5.0	83.3	38.3	8.7	3.0	94.7	54.0	94.7	36.7

TABLE 25A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	MAY 3 NO TRAFFIC	MAY 3 TRAFFIC	MAY 3 NO TRAFFIC	MAY 3 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC	JUNE 15 NO TRAFFIC	JUNE 15 TRAFFIC
KH3492	7.0	4.7	73.3	43.3	9.0	3.3	88.3	53.3	96.3	36.7
YELLOWSTONE (A12-7)	5.0	3.7	60.0	36.7	7.7	2.7	88.0	55.0	80.0	36.7
BLUE MAGIC (A99-2897)	7.0	5.0	70.0	45.0	8.0	2.7	90.0	61.0	81.7	35.0
COMANCHE (NAI-14-176)	6.3	3.3	68.3	31.7	8.0	2.7	88.0	63.3	93.0	35.0
DLFPS-340/3438	7.3	4.7	75.0	46.7	7.7	3.7	85.0	60.3	83.3	35.0
SHAMROCK	7.3	4.7	71.7	40.0	8.7	3.0	85.3	50.0	96.0	35.0
TWILIGHT (NAI-13-132)	8.7	5.7	90.0	53.3	9.0	3.7	87.0	59.3	97.7	35.0
A16-7	7.7	4.3	80.0	48.3	9.0	3.7	91.3	59.0	93.3	33.3
DLFPS-340/3548	6.3	4.0	70.0	51.7	8.7	3.3	74.0	44.3	95.0	33.3
NAI-14-122	6.3	2.7	66.7	35.0	8.7	2.3	91.0	60.0	89.7	33.3
NAI-14-128	5.7	2.7	63.3	36.7	8.0	3.0	90.7	62.7	83.3	33.3
A11-38	5.7	3.7	56.7	38.3	7.3	3.3	88.7	54.7	81.7	31.7
DLFPS-340/3444	7.0	3.3	78.3	31.7	8.7	2.3	84.3	47.3	95.0	31.7
J-2726	8.3	4.0	80.0	36.7	8.3	3.3	90.3	59.0	91.3	31.7
SELWAY	8.7	4.7	88.3	38.3	9.0	3.3	91.3	56.3	99.0	31.7
AKB3128	8.0	4.7	78.3	46.7	8.3	3.3	89.0	50.7	93.3	30.0
AKB3241	8.7	4.3	90.0	40.0	9.0	2.7	92.0	42.0	97.7	30.0
BAR PP 7236V	9.0	6.3	93.3	60.0	9.0	2.7	81.0	38.7	96.3	30.0
BARSERATI (BAR PP 110358)	8.3	4.3	85.0	40.0	9.0	2.3	90.3	59.0	99.0	30.0
DUBLIN (PST-K15-157)	7.0	3.3	68.3	33.3	8.3	2.3	91.0	45.0	93.3	30.0
PIVOT	7.3	2.0	70.0	21.7	9.0	2.0	89.7	45.3	94.3	30.0
PPG-KB 1304	7.7	4.7	81.7	45.0	8.3	2.7	82.0	51.0	90.0	30.0
PPG-KB 1320	7.3	2.3	76.7	25.0	8.3	2.3	90.0	54.3	91.7	30.0
STARR (GO-2628)	7.7	4.7	83.3	36.7	9.0	2.0	89.0	41.0	99.0	30.0
A12-34	7.7	4.7	80.0	50.0	8.3	3.3	88.7	58.0	90.0	28.3
BLUE KNIGHT	5.3	1.7	55.0	21.7	7.0	2.3	88.7	46.7	80.0	28.3
RAD-1776	8.0	2.7	83.3	28.3	9.0	2.0	86.0	46.7	94.7	28.3
SKYE	8.0	4.3	78.3	40.0	9.0	2.3	86.7	34.3	99.0	28.3
A06-8	7.3	4.7	76.7	46.7	8.3	2.0	90.3	47.3	88.0	26.7
AMAZE (NAI-14-133)	5.7	2.7	60.0	25.0	7.7	1.7	91.7	50.0	78.3	26.7
DLFPS-340/3364	6.0	3.0	65.0	31.7	8.0	2.0	90.7	54.3	83.3	26.7
ORION (PST-K13-143)	7.0	2.3	75.0	28.3	9.0	2.3	87.7	51.0	97.7	26.7
A16-1	6.0	2.3	63.3	30.0	7.7	2.0	81.7	38.0	91.7	25.0
AVIATOR II (NAI-15-84)	7.0	3.3	68.3	33.3	8.0	1.7	89.3	45.0	90.0	25.0
HEARTLAND (NAI-14-187)	5.3	2.0	63.3	25.0	8.0	1.7	88.7	42.3	83.3	25.0
NAI-14-132	6.3	1.7	63.3	23.3	7.3	1.3	88.3	47.3	86.3	25.0
NAI-15-80	6.7	1.7	73.3	13.3	8.3	1.3	91.3	28.7	96.3	21.7
DLFPS-340/3553	8.3	2.7	90.0	28.3	9.0	1.0	88.3	35.3	97.7	20.0
NK-1	6.0	2.0	65.0	23.3	7.7	1.3	86.3	37.0	85.0	20.0
LSD VALUE	1.3	1.8	12.2	15.5	1.0	2.0	4.4	21.2	8.6	20.2
C.V. (%)	11.2	24.4	9.9	22.3	6.5	33.1	3.2	20.6	5.5	28.8

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

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

TABLE 25A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PRIOR TO THE TRAFFIC APPLIED				ONCE THE TRAFFIC HAD BEEN APPLIED					
	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		PERCENT GROUND COVER		FULLNESS OF CANOPY	
	MAY 18	MAY 18	MAY 18	MAY 18	JUNE 30	JUNE 30	JUNE 22	JUNE 22	JUNE 30	JUNE 30
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
BARVETTE HGT®	9.0	8.3	95.0	86.7	8.3	7.3	92.3	90.7	88.0	76.7
PST-K15-172	9.0	7.7	93.3	78.3	9.0	6.7	93.0	89.0	97.7	73.3
STARR (GO-2628)	9.0	5.7	90.0	41.7	9.0	4.7	95.0	92.0	99.0	65.0
BAR PP 7K426	8.7	6.7	93.0	73.3	8.3	5.7	94.7	90.3	91.3	63.3
BLUE DEVIL	8.3	6.3	86.7	58.3	8.7	4.3	94.0	94.7	91.7	63.3
CLOUD (GO-2425)	8.7	5.7	88.3	51.7	8.7	5.7	94.0	93.7	99.0	63.3
A11-26	8.7	6.0	86.7	61.7	9.0	6.0	93.0	92.7	97.7	61.7
DLFPS-340/3549	8.7	6.7	88.3	66.7	8.7	5.0	93.0	92.0	91.7	61.7
PALOMA (PST-K13-139)	9.0	5.7	94.7	58.3	8.7	5.3	93.3	90.3	88.0	61.7
ACOUSTIC (PPG-KB 1131)	9.0	6.7	95.0	60.0	9.0	6.3	93.3	94.0	95.0	61.7
UNITED (NAI-13-14)	8.3	6.7	88.3	63.3	8.3	5.3	93.3	93.7	88.3	61.7
AKB3179	8.3	6.0	83.3	58.3	8.7	6.0	96.3	93.0	94.7	60.0
COMANCHE (NAI-14-176)	7.7	5.3	80.0	43.3	8.3	4.7	92.0	91.3	96.3	60.0
DLFPS-340/3500	8.7	6.0	85.0	58.3	8.3	6.0	93.3	94.3	86.7	60.0
JERSEY (NAI-A16-3)	9.0	6.0	93.0	61.7	9.0	5.3	94.0	93.3	96.3	60.0
SYRAH (LTP-11-41)	8.3	5.0	86.7	58.3	8.7	4.7	95.7	93.7	96.0	60.0
BAR PP 71213	8.7	6.7	91.7	73.3	8.0	5.0	93.3	90.3	86.7	58.3
BOMBAY (GO-22B23)	9.0	6.3	93.0	58.3	9.0	5.3	94.7	93.3	94.7	58.3
DLFPS-340/3550	9.0	6.7	93.3	58.3	8.7	5.7	92.7	94.7	96.3	58.3
NAI-14-128	7.7	5.0	73.3	41.7	8.7	4.0	93.0	91.3	94.7	58.3
A11-38	8.3	5.3	86.7	58.3	7.0	4.7	88.7	93.0	73.3	56.7
BAR PP 79366	7.7	6.0	78.3	58.3	7.7	4.7	95.0	94.3	85.0	56.7
DLFPS-340/3494	8.0	5.7	83.3	48.3	8.7	5.0	93.0	96.7	90.0	56.7
SUPER MOON (PST-K13-141)	8.3	5.0	85.0	48.3	8.7	5.0	96.7	95.7	91.7	56.7
RAD 553	8.3	4.7	85.0	61.7	8.3	4.7	95.0	91.7	86.7	56.7
A13-1	8.3	6.0	83.3	53.3	8.0	4.7	95.7	95.3	85.0	55.0
AMAZE (NAI-14-133)	7.7	5.0	75.0	40.0	7.7	4.0	94.7	88.3	88.0	55.0
BLUE GEM (NAI-13-9)	9.0	6.3	90.0	60.0	8.7	4.7	92.7	91.7	93.0	55.0
DLFPS-340/3548	9.0	5.7	93.3	65.0	9.0	4.7	87.0	86.0	96.3	55.0
SELWAY	9.0	5.3	93.3	53.3	9.0	4.7	96.0	92.7	94.7	55.0
YELLOWSTONE (A12-7)	8.3	4.7	81.7	50.0	7.0	5.0	92.3	92.0	76.7	55.0
A11-40	9.0	3.7	97.7	45.0	8.7	4.3	97.0	93.7	93.3	53.3
DLFPS-340/3438	8.0	6.3	80.0	56.7	7.7	4.0	94.0	88.7	80.0	53.3
DLFPS-340/3552	9.0	5.3	90.0	53.3	8.7	5.3	94.3	93.7	91.7	53.3
KENBLUE	8.0	6.3	86.7	68.3	8.7	3.7	95.0	87.7	93.0	53.3
MIDNIGHT	8.7	6.3	86.7	56.7	8.7	4.3	94.7	92.7	93.0	53.3
MVS-130	8.7	5.3	80.0	51.7	8.0	5.0	91.7	92.0	91.7	53.3
ORION (PST-K13-143)	8.7	4.3	91.7	38.3	8.7	4.7	94.3	92.0	93.3	53.3
BAR PP 7309V	8.0	6.0	86.7	60.0	8.3	5.0	96.3	91.7	81.7	51.7
FINISH LINE (NAI-14-178)	9.0	5.7	88.3	55.0	8.3	4.3	96.7	89.3	88.3	51.7
NAI-14-132	7.7	4.7	76.7	40.0	8.0	4.3	93.0	86.7	89.7	51.7
PST-K15-167	8.3	4.3	85.0	43.3	8.3	5.3	92.7	89.3	91.3	51.7
DLFPS-340/3556	7.7	5.7	70.0	50.0	7.7	3.7	94.0	85.3	81.7	50.0
ELECTRIC (PST-K11-118)	8.7	4.7	90.0	43.3	9.0	4.7	94.3	94.0	96.0	50.0
KH3492	8.7	4.3	93.3	48.3	8.3	4.7	94.3	89.3	85.0	50.0
PROSPERITY	8.0	5.3	81.7	46.7	8.7	4.0	88.0	90.3	93.3	50.0
A16-17	9.0	7.0	90.0	70.0	7.3	4.7	96.0	96.7	68.3	48.3
J-1138	8.7	6.3	83.3	63.3	8.0	4.7	95.0	93.0	86.7	48.3
J-1319	8.3	5.0	83.3	48.3	8.0	3.3	85.7	90.3	83.3	48.3
NAI-14-122	8.0	4.7	81.7	58.3	8.3	4.3	93.7	90.7	88.3	48.3

TABLE 25A.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PRIOR TO THE TRAFFIC APPLIED				ONCE THE TRAFFIC HAD BEEN APPLIED					
	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		PERCENT GROUND COVER		FULLNESS OF CANOPY	
	MAY 18		MAY 18		JUNE 30		JUNE 22		JUNE 30	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
SKYE	8.7	4.7	78.3	45.0	8.3	3.7	94.7	84.0	93.0	48.3
A10-280	8.7	5.3	90.0	61.7	8.7	4.0	96.0	94.7	91.3	46.7
BABE	8.7	5.0	91.7	48.3	9.0	4.0	95.7	91.0	96.3	46.7
A15-6	8.7	6.0	81.7	51.7	8.0	4.7	93.0	89.0	81.7	45.0
DLFPS-340/3551	8.0	5.0	80.0	51.7	8.3	3.7	95.3	93.0	86.7	45.0
BAR PP 7236V	8.7	6.3	91.7	61.7	8.7	3.3	95.3	87.0	91.7	43.3
HEARTLAND (NAI-14-187)	7.0	4.0	75.0	36.7	8.0	2.7	93.7	85.0	93.3	43.3
TWILIGHT (NAI-13-132)	9.0	6.3	86.7	58.3	8.7	3.7	93.7	89.0	91.7	43.3
BLUE MAGIC (A99-2897)	8.3	5.3	80.0	48.3	7.7	4.3	94.7	92.3	73.3	41.7
BAR PP 79494	8.3	6.3	83.3	51.7	8.0	4.0	93.7	90.0	90.0	41.7
BARSERATI (BAR PP 110358)	8.7	5.3	91.7	53.3	8.7	3.7	96.7	92.7	94.7	41.7
DLFPS-340/3364	8.0	3.7	68.3	33.3	7.7	3.0	94.0	92.7	86.7	41.7
DLFPS-340/3446	8.3	4.7	78.3	41.7	7.7	3.3	94.3	86.0	88.3	41.7
BLUE KNIGHT	6.0	3.0	71.7	30.0	8.0	3.3	94.7	78.0	86.7	40.0
PST-T14-39	9.0	5.0	95.0	51.7	9.0	3.7	93.7	86.0	95.0	40.0
RAD-1776	8.3	4.3	90.0	46.7	9.0	3.7	95.7	90.7	93.3	40.0
SHADOW HAWK (A16-2)	9.0	4.7	93.3	51.7	8.7	4.3	94.7	84.7	93.0	38.3
NURUSH (J-3510)	8.7	5.0	88.3	51.7	8.3	4.3	94.7	92.0	93.0	38.3
A12-34	8.0	4.3	76.7	41.7	7.3	3.7	95.0	90.7	81.7	36.7
AFTER MIDNIGHT	8.7	3.7	85.0	48.3	8.7	3.7	89.0	84.3	86.7	36.7
A06-8	8.3	4.0	83.3	40.0	8.3	2.7	92.0	85.3	88.0	35.0
NEW MOON (PST-K15-177)	8.7	5.0	86.7	50.0	8.7	4.0	91.7	85.0	90.0	35.0
PPG-KB 1304	8.7	5.0	86.7	43.3	8.3	3.0	95.0	89.0	88.3	35.0
AKB3241	8.3	3.7	81.7	36.7	7.3	2.3	93.7	85.0	78.3	33.3
AKB3128	9.0	4.3	88.3	45.0	8.3	3.3	93.3	84.3	93.3	31.7
AVIATOR II (NAI-15-84)	8.0	4.3	80.0	38.3	8.0	2.7	94.3	87.0	81.7	31.7
A16-7	8.0	4.3	80.0	43.3	8.0	3.0	95.7	86.3	90.0	30.0
DLFPS-340/3455	8.7	5.3	91.7	53.3	8.7	3.3	94.3	88.3	88.3	30.0
DLFPS-340/3553	8.3	3.0	90.0	36.7	8.7	2.0	96.0	88.7	90.0	30.0
NK-1	8.3	3.3	78.3	45.0	7.3	2.3	95.0	90.3	68.3	30.0
SHAMROCK	8.3	3.3	88.3	31.7	9.0	2.7	93.3	83.0	91.3	30.0
DLFPS-340/3444	8.7	4.0	86.7	41.7	8.7	2.3	93.7	90.7	88.3	28.3
PST-11-7	8.7	4.7	88.3	41.7	9.0	3.3	92.3	88.3	97.7	28.3
PIVOT	8.3	2.0	81.7	23.3	8.3	1.3	91.3	74.3	91.7	26.7
DUBLIN (PST-K15-157)	8.7	3.3	83.3	36.7	8.3	2.3	95.3	65.0	92.7	25.0
NAI-15-80	8.3	2.7	76.7	30.0	6.7	1.7	96.7	71.0	68.3	25.0
A16-1	8.0	3.0	80.0	33.3	8.3	1.7	91.7	74.7	85.0	23.3
J-2726	8.3	1.0	86.7	21.7	8.7	1.0	89.7	58.7	96.0	21.7
PPG-KB 1320	8.7	1.0	78.3	15.0	8.7	1.0	92.7	64.3	90.0	13.3
LSD VALUE	1.2	1.7	12.6	15.6	1.5	2.4	2.2	12.1	15.6	20.1
C.V. (%)	7.1	20.8	8.0	19.4	8.1	32.1	1.5	7.7	8.9	25.0

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

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

3/ TRAFFIC WAS AFTER 14 PASSES OF THE CADY TRAFFIC SIMULATOR (CTS) AND 14 PASSES OF THE RUTGERS WEAR SIMULATOR (RWS).

TABLE 25B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2019 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	UNIFORMITY		BEFORE TRAFFIC ON JULY FULLNESS OF CANOPY		AFTER TRAFFIC JULY UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
BAR PP 7K426	8.7	8.7	97.7	91.7	9.0	8.0	91.3	79.3	94.7	81.7
BARVETTE HGT®	9.0	9.0	99.0	99.0	9.0	7.3	80.3	60.3	99.0	76.7
A16-17	9.0	9.0	94.7	86.7	9.0	8.0	95.7	80.7	96.3	75.0
BAR PP 7309V	9.0	8.3	95.0	91.7	9.0	7.7	92.0	79.3	94.7	75.0
BAR PP 71213	9.0	8.7	99.0	93.0	9.0	7.7	89.7	74.3	97.7	73.3
PST-K15-172	9.0	8.7	97.7	91.7	9.0	7.0	90.7	72.3	99.0	73.3
DLFPS-340/3549	9.0	9.0	99.0	94.7	9.0	7.3	92.7	73.0	99.0	71.7
JERSEY (NAI-A16-3)	9.0	7.0	99.0	83.3	9.0	7.0	94.3	72.7	97.7	71.7
KH3492	9.0	8.3	97.7	86.7	9.0	7.0	94.0	70.7	99.0	70.0
DLFPS-340/3552	8.7	8.0	88.3	80.0	9.0	6.7	94.3	79.7	93.3	68.3
FINISH LINE (NAI-14-178)	9.0	7.0	96.0	75.0	9.0	7.0	94.3	67.0	94.7	68.3
PST-K15-167	9.0	8.0	96.3	88.3	9.0	6.7	91.7	74.7	94.7	68.3
BOMBAY (GO-22B23)	9.0	8.3	97.7	88.3	9.0	6.3	92.0	70.0	97.7	66.7
ACOUSTIC (PPG-KB 1131)	9.0	8.3	96.0	85.0	8.7	6.7	92.3	80.0	94.7	66.7
YELLOWSTONE (A12-7)	9.0	8.3	97.7	88.3	9.0	7.0	92.7	68.7	97.7	66.7
A11-26	9.0	8.7	97.7	91.3	9.0	6.3	93.3	77.0	97.7	65.0
AFTER MIDNIGHT	9.0	7.7	97.7	75.0	9.0	6.0	93.3	71.3	96.3	63.3
BABE	9.0	7.7	97.7	88.3	9.0	6.3	91.3	64.0	95.0	63.3
BLUE GEM (NAI-13-9)	9.0	6.7	96.3	76.7	8.7	6.3	93.0	69.0	96.3	63.3
DLFPS-340/3500	8.7	7.0	93.0	70.0	9.0	6.3	92.0	71.7	95.0	63.3
J-1138	8.7	5.7	91.7	73.3	9.0	6.0	90.7	63.0	94.7	63.3
PALOMA (PST-K13-139)	9.0	8.0	99.0	88.3	9.0	6.0	90.3	61.3	97.7	63.3
A11-38	9.0	7.7	99.0	86.7	9.0	5.7	90.7	67.3	97.7	61.7
BAR PP 79494	9.0	7.0	93.3	76.7	9.0	5.7	92.3	73.0	94.7	61.7
BLUE DEVIL	9.0	7.0	95.0	75.0	9.0	6.3	93.7	73.7	95.0	61.7
TWILIGHT (NAI-13-132)	9.0	7.0	96.3	78.3	9.0	6.0	93.0	73.3	95.0	61.7
UNITED (NAI-13-14)	8.3	6.3	90.0	71.7	9.0	6.0	93.0	75.3	93.3	61.7
BAR PP 79366	8.7	6.3	91.7	73.3	8.7	6.0	89.7	69.3	94.7	60.0
DLFPS-340/3455	8.7	8.3	95.0	93.3	9.0	6.0	94.7	70.3	93.3	60.0
NURUSH (J-3510)	9.0	6.7	97.7	73.3	9.0	6.0	93.7	75.0	95.0	60.0
PROSPERITY	8.7	6.3	90.0	66.7	9.0	6.0	95.3	81.3	96.3	60.0
PST-11-7	9.0	8.3	93.3	78.3	8.7	6.3	93.3	82.0	91.7	60.0
SELWAY	9.0	8.3	96.3	90.0	9.0	5.7	95.0	74.3	96.0	60.0
AKB3179	9.0	7.7	99.0	86.3	9.0	5.7	90.3	67.7	99.0	58.3
CLOUD (GO-2425)	9.0	7.3	96.3	83.0	9.0	5.3	92.0	65.3	95.0	58.3
DLFPS-340/3556	8.0	6.0	80.0	58.3	8.0	5.7	93.7	72.7	91.7	58.3
RAD 553	9.0	8.3	94.7	90.0	9.0	6.0	90.0	67.0	93.3	58.3
DLFPS-340/3548	9.0	8.0	95.0	80.0	9.0	5.7	89.3	67.3	93.3	55.0
MIDNIGHT	9.0	7.3	93.0	76.7	9.0	5.3	90.7	73.7	93.0	55.0
NEW MOON (PST-K15-177)	8.3	6.0	91.7	68.3	8.7	5.0	94.0	74.7	90.0	55.0
SHADOW HAWK (A16-2)	9.0	8.0	97.7	90.0	9.0	5.0	92.7	58.3	99.0	53.3
AKB3128	9.0	7.3	94.7	78.3	9.0	5.3	92.0	64.7	91.7	53.3
DLFPS-340/3494	8.0	6.0	88.0	65.0	9.0	5.3	95.3	77.7	93.3	53.3
BLUE KNIGHT	8.3	6.7	91.3	73.3	9.0	5.0	91.3	62.0	91.7	51.7
DLFPS-340/3444	9.0	7.0	91.7	80.0	9.0	4.7	93.3	62.0	94.7	51.7
DLFPS-340/3550	8.3	6.3	90.0	70.0	8.7	5.0	95.7	75.3	93.3	51.7
J-2726	9.0	6.7	99.0	70.0	9.0	5.0	92.3	66.0	96.3	51.7
NAI-14-128	8.0	6.3	88.3	75.0	9.0	4.3	89.3	62.3	96.3	51.7
SUPER MOON (PST-K13-141)	8.7	8.3	91.7	86.7	8.3	5.7	87.0	52.0	93.0	51.7
SKYE	9.0	8.0	94.7	78.3	9.0	4.7	92.0	60.0	96.3	51.7

TABLE 25B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2019 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	UNIFORMITY		BEFORE TRAFFIC ON JULY		AFTER TRAFFIC JULY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
STARR (GO-2628)	9.0	7.0	96.3	83.0	9.0	4.3	92.7	60.7	97.7	51.7
A11-40	9.0	8.0	97.7	85.0	9.0	4.7	95.0	57.7	97.7	50.0
A15-6	8.0	7.3	81.7	73.3	8.0	4.7	95.0	66.0	83.3	50.0
A16-1	8.7	7.3	93.3	80.0	9.0	5.3	91.0	61.7	88.3	50.0
SYRAH (LTP-11-41)	9.0	7.0	93.3	83.3	9.0	4.7	96.7	61.3	95.0	50.0
MVS-130	8.0	6.0	89.7	73.3	8.7	4.7	90.3	61.7	91.7	50.0
ELECTRIC (PST-K11-118)	9.0	7.7	99.0	90.0	9.0	4.7	94.7	65.0	96.3	50.0
BARSERATI (BAR PP 110358)	9.0	7.3	96.0	76.7	8.7	4.3	94.7	53.7	94.7	48.3
COMANCHE (NAI-14-176)	8.3	5.3	88.3	66.7	8.7	4.3	86.7	55.0	93.0	48.3
SHAMROCK	8.7	7.3	96.3	80.0	9.0	4.7	93.0	63.3	95.0	48.3
BAR PP 7236V	9.0	8.3	96.0	83.3	9.0	4.3	93.3	58.7	91.7	46.7
A10-280	8.7	7.3	90.0	76.7	8.7	4.3	95.3	60.7	86.7	45.0
A13-1	8.0	6.3	85.0	66.7	8.0	4.3	91.0	62.3	86.7	45.0
DLFPS-340/3438	8.3	7.0	83.3	70.0	8.0	4.0	94.0	59.0	88.3	45.0
DLFPS-340/3551	8.3	7.0	90.0	71.7	8.3	4.0	93.7	60.3	86.7	45.0
ORION (PST-K13-143)	9.0	8.3	97.7	88.3	9.0	4.3	87.0	42.3	96.0	45.0
PST-T14-39	9.0	7.3	94.7	78.3	9.0	3.7	94.0	50.0	93.3	43.3
A06-8	8.3	6.3	86.7	65.0	8.0	4.0	96.3	59.3	88.3	41.7
DLFPS-340/3446	8.3	7.0	88.3	68.3	8.7	3.7	91.0	48.7	91.7	41.7
KENBLUE	8.7	7.3	91.7	80.0	8.7	3.7	91.0	51.0	93.3	41.7
PPG-KB 1304	8.3	7.3	93.3	78.3	8.7	3.7	95.7	57.7	88.3	41.7
PPG-KB 1320	9.0	5.7	96.0	65.0	8.7	3.7	92.3	51.7	91.7	41.7
BLUE MAGIC (A99-2897)	8.0	6.0	81.7	70.0	8.0	3.7	94.0	59.0	86.7	40.0
AKB3241	9.0	7.3	90.0	78.3	8.7	3.7	92.3	51.3	91.7	40.0
NAI-14-122	8.7	5.7	91.7	65.0	9.0	3.7	90.0	53.0	93.3	40.0
DUBLIN (PST-K15-157)	8.3	6.0	90.0	68.3	8.7	3.7	90.3	48.7	93.3	40.0
A12-34	8.3	6.7	83.3	53.7	8.0	3.3	95.0	61.7	83.3	38.3
AMAZE (NAI-14-133)	7.7	4.7	85.0	60.0	8.3	3.0	88.7	53.3	88.3	35.0
HEARTLAND (NAI-14-187)	8.3	4.7	86.7	55.0	8.7	3.0	89.3	40.3	95.0	35.0
A16-7	8.3	6.3	88.3	70.0	8.0	3.0	90.3	51.7	86.7	33.3
AVIATOR II (NAI-15-84)	8.0	4.7	88.3	60.0	8.3	2.7	91.0	42.7	86.7	33.3
DLFPS-340/3364	7.0	4.3	81.7	55.0	8.0	2.3	87.7	43.7	85.0	31.7
J-1319	8.3	5.0	88.3	53.3	8.7	2.3	92.0	45.7	88.3	31.7
PIVOT	8.3	6.0	91.7	65.0	8.3	2.3	81.7	37.0	91.7	30.0
RAD-1776	8.7	6.0	93.0	68.3	9.0	2.0	85.3	40.7	94.7	30.0
NAI-14-132	8.0	4.3	85.0	58.3	8.3	2.7	86.7	44.7	88.3	30.0
NK-1	7.7	5.7	75.0	56.7	7.3	1.3	87.7	35.0	75.0	26.7
DLFPS-340/3553	8.3	6.0	93.0	70.0	9.0	2.0	94.3	38.0	93.3	25.0
NAI-15-80	8.0	4.0	86.7	51.7	8.3	1.3	90.0	22.0	91.7	15.0
LSD VALUE	0.8	1.6	6.9	14.7	0.5	2.1	2.9	16.3	6.1	17.5
C.V. (%)	5.3	13.9	4.6	11.9	3.4	25.7	2.1	16.2	4.0	20.7

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

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

TABLE 25B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2020 DATA

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

NAME	UNIFORMITY NO TRAFFIC	JUL 20 TRAFFIC	CANOPY FULLNESS NO TRAFFIC	JUL 20 TRAFFIC	UNIFORMITY NO TRAFFIC	AUG 10 TRAFFIC	% GREEN COVER NO TRAFFIC	AUG 12 TRAFFIC	CANOPY FULLNESS NO TRAFFIC	AUG 20 TRAFFIC
BAR PP 7K426	8.0	8.3	81.7	83.3	8.3	7.3	83.0	68.0	85.0	73.3
PST-K15-167	8.3	8.0	88.3	81.7	8.7	7.0	87.0	65.0	93.3	73.3
DLFPS-340/3552	8.7	7.3	88.3	78.3	9.0	7.3	91.7	64.7	93.3	71.7
PST-11-7	6.3	7.3	71.7	71.7	8.3	7.0	81.7	75.0	83.3	70.0
BLUE DEVIL	8.0	6.7	88.3	65.0	9.0	7.0	91.0	69.7	91.7	66.7
NURUSH (J-3510)	8.3	6.0	90.0	65.0	9.0	7.3	91.3	69.7	93.3	66.7
ACOUSTIC (PPG-KB 1131)	8.3	7.0	85.0	73.3	9.0	7.0	91.0	75.3	88.3	66.7
PST-K15-172	8.7	8.0	93.0	85.0	9.0	6.7	80.0	53.7	94.7	66.7
BAR PP 79494	7.3	5.7	81.7	68.3	9.0	6.7	89.0	68.7	91.7	65.0
AFTER MIDNIGHT	7.7	6.7	76.7	70.0	8.7	6.7	86.0	61.0	86.7	63.3
MIDNIGHT	8.7	6.7	85.0	68.3	9.0	5.7	93.0	61.3	93.3	61.7
TWILIGHT (NAI-13-132)	8.3	6.0	86.7	65.0	9.0	5.7	93.0	69.7	90.0	61.7
BARVETTE HGT®	6.7	7.0	70.0	75.0	7.7	6.0	65.3	50.3	71.7	60.0
CLOUD (GO-2425)	8.7	7.0	93.3	71.7	8.7	6.0	79.7	52.0	91.0	60.0
DLFPS-340/3550	7.0	5.7	76.7	65.0	9.0	6.0	94.0	66.7	85.0	60.0
SUPER MOON (PST-K13-141)	6.7	6.3	71.7	60.0	8.3	5.7	71.0	45.3	86.7	60.0
SKYE	8.7	7.3	93.0	78.3	9.0	5.7	80.0	49.7	96.3	60.0
A11-40	8.7	8.3	94.7	85.0	9.0	5.7	86.3	47.7	97.7	58.3
BOMBAY (GO-22B23)	8.7	7.7	91.7	81.7	9.0	6.0	81.7	53.3	91.3	58.3
DLFPS-340/3494	5.3	5.3	60.0	58.3	8.3	6.3	72.7	57.3	80.0	58.3
STARR (GO-2628)	8.3	6.3	93.3	75.0	8.7	5.3	77.3	51.3	89.7	58.3
UNITED (NAI-13-14)	7.7	5.7	80.0	70.0	8.7	6.3	93.0	66.7	83.3	58.3
BAR PP 7309V	8.3	7.3	88.3	73.3	8.3	6.3	83.3	56.3	81.7	56.7
PROSPERITY	7.0	5.0	65.0	53.3	8.3	5.3	78.3	55.7	80.0	55.0
AKB3179	8.3	8.0	90.0	81.7	9.0	5.3	79.0	45.0	91.7	53.3
J-1138	7.3	5.0	78.3	55.0	8.3	6.0	83.3	57.0	83.3	53.3
NEW MOON (PST-K15-177)	7.7	6.0	85.0	60.0	8.3	5.0	89.7	60.0	83.3	53.3
A13-1	6.3	5.7	73.3	61.7	8.3	5.0	89.0	52.3	90.0	51.7
BLUE GEM (NAI-13-9)	8.7	5.0	86.7	61.7	8.7	5.7	94.0	64.7	88.3	51.7
SELWAY	5.7	6.3	61.7	65.0	8.3	5.3	71.7	46.3	85.0	51.7
DLFPS-340/3438	6.7	6.7	70.0	66.7	8.7	5.7	79.3	41.3	86.7	50.0
PPG-KB 1304	7.0	6.0	73.3	61.7	9.0	5.0	90.3	60.3	88.3	50.0
SYRAH (LTP-11-41)	6.7	6.7	75.0	71.7	9.0	4.3	83.3	41.0	93.3	50.0
DLFPS-340/3556	6.7	6.0	71.7	61.7	7.7	4.3	85.0	46.3	78.3	48.3
A06-8	6.7	5.3	66.7	43.3	8.3	4.0	82.7	50.0	80.0	45.0
BAR PP 7236V	6.0	6.3	68.3	66.7	7.0	4.0	74.0	48.0	73.3	45.0
ELECTRIC (PST-K11-118)	6.3	5.3	75.0	65.0	7.3	4.0	74.3	45.7	66.7	45.0
J-1319	7.3	5.0	83.3	55.0	9.0	5.3	91.3	60.7	81.7	45.0
JERSEY (NAI-A16-3)	6.7	7.7	71.7	71.7	7.0	4.7	62.7	38.3	69.7	45.0
BLUE MAGIC (A99-2897)	6.7	6.0	68.3	60.0	8.0	4.0	89.3	51.3	81.7	43.3
DLFPS-340/3500	7.0	5.0	78.3	60.0	8.0	4.3	84.0	46.3	81.7	43.3
J-2726	5.0	5.0	58.3	51.7	6.3	4.7	59.0	41.0	56.7	43.3
PIVOT	8.7	4.3	86.7	46.7	9.0	3.7	81.3	41.7	96.3	43.3
A11-26	6.3	6.3	75.0	68.3	6.3	4.0	56.3	38.7	65.0	41.7
A15-6	6.7	5.7	70.0	60.0	8.3	4.7	83.7	48.3	83.3	41.7
AKB3241	9.0	8.0	94.7	81.7	9.0	3.7	89.7	44.7	93.3	41.7
KENBLUE	4.0	5.0	45.0	55.0	7.7	4.0	61.7	40.7	71.7	41.7
A10-280	6.7	6.3	78.3	63.3	8.7	3.7	78.7	41.7	88.3	40.0
A12-34	7.0	6.0	83.3	56.7	8.7	4.3	90.3	51.0	85.0	38.3
BARSERATI (BAR PP 110358)	7.3	5.3	81.7	58.3	8.3	3.7	91.0	47.3	84.7	38.3

TABLE 25B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2020 DATA

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

NAME	UNIFORMITY JUL 20		CANOPY FULLNESS JUL 20		UNIFORMITY AUG 10		% GREEN COVER AUG 12		CANOPY FULLNESS AUG 20	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
DLFPS-340/3551	6.3	5.3	71.7	56.7	8.3	4.0	92.7	49.0	85.0	38.3
BAR PP 79366	5.7	5.7	65.0	61.7	7.0	3.7	81.0	38.3	73.3	36.7
DLFPS-340/3364	7.0	3.7	76.7	41.7	8.0	4.0	86.0	40.0	78.3	36.7
A16-7	7.7	4.7	80.0	50.0	8.7	3.7	88.0	37.7	80.0	35.0
DLFPS-340/3455	8.0	7.3	78.3	75.0	8.3	3.0	85.0	34.7	85.0	35.0
DLFPS-340/3548	3.0	4.3	36.7	43.3	4.7	2.3	46.3	30.0	50.0	35.0
NAI-14-128	6.3	7.0	73.3	71.7	5.0	3.0	42.7	24.0	58.3	35.0
SHAMROCK	7.7	5.7	75.0	60.0	8.0	2.7	65.0	27.3	76.7	35.0
A16-17	4.7	5.3	50.0	51.7	4.7	2.3	54.0	33.7	43.3	33.3
SHADOW HAWK (A16-2)	7.7	6.0	86.7	70.0	8.7	3.7	77.0	36.3	88.3	33.3
AKB3128	8.3	7.3	90.0	73.3	8.0	2.7	82.3	22.3	85.0	33.3
BABE	6.7	5.3	68.3	60.0	7.3	3.7	63.0	24.3	73.3	31.7
DLFPS-340/3446	7.3	6.0	75.0	63.3	7.7	3.3	75.3	32.7	73.3	31.7
AMAZE (NAI-14-133)	6.3	6.3	66.7	63.3	4.7	3.3	37.3	24.3	48.3	30.0
DLFPS-340/3553	7.0	5.7	80.0	66.7	8.7	3.0	84.7	34.3	90.0	30.0
NK-1	5.7	5.0	65.0	55.0	8.0	2.7	87.0	32.0	73.3	30.0
AVIATOR II (NAI-15-84)	6.7	5.0	70.0	48.3	8.3	2.3	85.3	41.0	85.0	28.3
KH3492	5.3	6.0	66.7	63.3	7.3	3.3	60.7	30.7	68.3	28.3
MVS-130	7.7	6.3	80.0	70.0	5.3	2.3	42.0	20.7	55.0	28.3
BAR PP 71213	5.3	6.3	60.0	56.7	3.7	2.0	39.3	14.0	46.7	26.7
FINISH LINE (NAI-14-178)	5.0	4.3	60.0	50.0	5.7	2.7	60.0	29.3	58.3	26.7
DLFPS-340/3549	5.0	4.7	51.7	43.3	6.0	2.0	63.3	24.7	56.7	25.0
DUBLIN (PST-K15-157)	7.7	4.0	78.3	50.0	6.7	2.7	64.3	23.0	68.3	25.0
COMANCHE (NAI-14-176)	6.3	5.3	66.7	56.7	5.0	2.3	43.0	22.3	55.0	23.3
DLFPS-340/3444	7.3	5.7	75.0	60.0	7.0	1.7	68.7	29.7	68.3	23.3
NAI-14-122	6.3	6.0	70.0	66.7	4.7	1.7	40.7	19.3	53.3	23.3
PPG-KB 1320	8.0	5.3	86.7	61.7	6.7	2.0	62.7	24.7	75.0	23.3
RAD-1776	6.0	4.7	66.7	56.7	7.3	1.7	64.0	25.7	70.0	23.3
HEARTLAND (NAI-14-187)	5.7	5.3	68.3	56.7	4.3	2.0	38.3	14.0	48.3	20.0
ORION (PST-K13-143)	8.7	6.7	90.0	71.7	7.7	1.3	62.3	17.0	71.7	20.0
PALOMA (PST-K13-139)	5.0	6.0	61.7	56.7	3.7	1.3	39.0	11.3	35.0	16.7
YELLOWSTONE (A12-7)	2.7	5.0	40.0	48.3	2.7	1.7	26.7	17.3	33.3	16.7
A16-1	6.0	4.7	68.3	50.0	5.0	1.3	45.0	14.3	43.3	15.0
NAI-14-132	5.3	3.7	63.3	45.0	4.3	1.3	41.3	15.0	46.7	15.0
NAI-15-80	7.7	3.3	85.0	38.3	7.3	1.3	75.7	18.7	75.0	13.3
PST-T14-39	6.3	4.3	66.7	48.3	5.7	1.0	55.3	18.0	53.3	13.3
RAD 553	2.0	2.7	35.0	33.3	5.3	1.3	52.3	17.3	43.3	13.3
BLUE KNIGHT	2.3	3.3	31.7	36.7	3.0	1.0	33.0	16.3	40.0	11.7
A11-38	1.3	2.0	30.0	30.0	1.0	1.0	23.7	4.7	23.3	5.0
LSD VALUE	2.1	2.3	18.8	20.8	2.0	2.0	15.8	14.8	18.3	18.9
C.V. (%)	19.2	22.4	15.9	19.3	16.9	31.5	14.5	23.7	15.7	29.1

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 25B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	AUG 4 NO TRAFFIC	AUG 4 TRAFFIC	AUG 5 NO TRAFFIC	AUG 5 TRAFFIC	AUG 5 NO TRAFFIC	AUG 5 TRAFFIC
BARVETTE HGT®	9.0	7.0	73.7	42.7	99.0	73.3
PST-K15-172	9.0	7.0	81.7	63.7	99.0	71.7
BAR PP 7K426	9.0	5.7	82.7	54.0	99.0	63.3
ACOUSTIC (PPG-KB 1131)	9.0	6.0	91.7	72.7	99.0	63.3
DLFPS-340/3494	9.0	6.3	88.3	69.0	97.7	60.0
BAR PP 7309V	9.0	5.0	75.0	49.3	95.0	58.3
DLFPS-340/3552	9.0	5.3	87.3	55.0	94.7	58.3
DLFPS-340/3550	9.0	5.7	87.0	68.3	93.3	56.7
BLUE DEVIL	9.0	5.0	88.0	55.3	96.3	55.0
PST-K15-167	9.0	5.0	78.0	58.3	97.7	55.0
A16-17	8.0	4.7	82.3	58.0	89.7	53.3
DLFPS-340/3500	9.0	5.0	77.3	55.3	94.7	53.3
FINISH LINE (NAI-14-178)	9.0	5.0	81.0	51.7	97.7	53.3
PROSPERITY	9.0	4.7	72.3	54.0	97.7	48.3
PST-11-7	9.0	4.7	84.3	69.0	97.7	48.3
UNITED (NAI-13-14)	8.7	4.7	79.7	53.0	93.3	48.3
NEW MOON (PST-K15-177)	9.0	5.0	84.0	52.7	99.0	46.7
NURUSH (J-3510)	9.0	4.0	87.3	56.7	99.0	46.7
A13-1	8.3	4.3	80.3	55.3	91.7	45.0
MVS-130	8.7	3.3	51.3	37.0	93.3	45.0
A11-40	9.0	4.0	79.0	34.3	99.0	43.3
AFTER MIDNIGHT	9.0	3.7	83.7	46.0	96.3	43.3
BAR PP 79366	8.3	3.7	71.3	44.0	91.7	43.3
BLUE GEM (NAI-13-9)	9.0	4.0	88.3	49.3	95.0	43.3
KENBLUE	8.7	3.3	74.0	35.7	96.0	43.3
MIDNIGHT	9.0	4.0	88.0	45.0	96.3	43.3
DLFPS-340/3551	8.3	3.3	84.0	42.7	88.3	41.7
DLFPS-340/3556	8.7	3.7	78.7	40.0	86.7	41.7
STARR (GO-2628)	9.0	1.7	83.0	26.7	99.0	41.7
BAR PP 71213	8.7	3.3	64.3	31.7	96.3	40.0
ELECTRIC (PST-K11-118)	8.7	3.3	79.7	46.7	96.0	40.0
SUPER MOON (PST-K13-141)	8.7	3.3	79.3	34.3	94.7	40.0
RAD 553	8.3	3.7	77.7	37.7	96.3	40.0
YELLOWSTONE (A12-7)	7.7	3.0	65.7	35.0	86.7	40.0
A11-38	8.7	3.3	81.0	35.7	94.7	38.3
SHADOW HAWK (A16-2)	9.0	3.3	76.3	30.7	97.7	38.3
COMANCHE (NAI-14-176)	9.0	3.3	57.3	33.3	94.7	38.3
DLFPS-340/3438	8.3	3.3	77.0	37.3	88.3	38.3
J-1138	9.0	4.0	84.3	43.7	96.3	38.3
A10-280	9.0	3.0	83.0	38.7	94.7	36.7
A11-26	8.0	3.3	60.0	42.0	88.0	36.7
A15-6	7.7	3.0	85.3	40.0	90.0	36.7
AKB3179	9.0	3.0	65.0	32.0	96.0	36.7
DLFPS-340/3455	8.3	2.7	79.7	42.7	91.7	36.7
DLFPS-340/3549	9.0	3.3	73.3	33.3	97.7	36.7
NAI-14-122	8.7	3.0	64.3	35.0	95.0	36.7
SYRAH (LTP-11-41)	9.0	3.3	69.7	27.0	99.0	36.7
BLUE MAGIC (A99-2897)	8.0	3.7	85.0	38.7	88.3	35.0
BABE	9.0	3.3	69.7	38.7	99.0	35.0
BAR PP 79494	9.0	3.7	84.3	42.3	93.0	35.0

TABLE 25B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	AUG 4 NO TRAFFIC	AUG 4 TRAFFIC	AUG 5 NO TRAFFIC	AUG 5 TRAFFIC	AUG 5 NO TRAFFIC	AUG 5 TRAFFIC
BOMBAY (GO-22B23)	9.0	3.0	89.0	47.0	99.0	35.0
CLOUD (GO-2425)	9.0	3.7	83.0	39.7	99.0	35.0
NAI-14-128	8.7	3.3	64.7	35.0	94.7	35.0
PST-T14-39	8.7	3.3	84.3	40.3	95.0	35.0
BLUE KNIGHT	8.3	2.7	76.0	35.3	88.3	33.3
JERSEY (NAI-A16-3)	9.0	3.7	77.7	34.0	99.0	33.3
KH3492	9.0	2.3	75.0	33.0	96.0	33.3
A12-34	8.3	3.0	87.7	43.0	90.0	31.7
NAI-14-132	8.7	3.3	60.0	33.3	94.7	31.7
SELWAY	9.0	2.7	87.3	42.7	99.0	31.7
TWILIGHT (NAI-13-132)	9.0	3.0	88.3	43.3	97.7	31.7
PALOMA (PST-K13-139)	9.0	2.3	74.0	28.0	99.0	30.0
SHAMROCK	9.0	2.7	64.3	32.3	97.7	30.0
AKB3241	8.0	2.0	72.7	22.0	94.7	28.3
BARSERATI (BAR PP 110358)	9.0	2.7	88.0	48.0	99.0	28.3
DLFPS-340/3548	9.0	2.3	76.0	34.7	96.3	28.3
J-1319	9.0	2.7	80.0	38.0	99.0	28.3
J-2726	8.3	2.3	73.3	40.0	89.7	28.3
ORION (PST-K13-143)	8.7	2.7	73.0	30.7	96.3	28.3
PPG-KB 1304	8.0	2.7	88.7	37.0	90.0	28.3
AMAZE (NAI-14-133)	8.3	2.7	68.3	25.0	93.0	26.7
HEARTLAND (NAI-14-187)	9.0	2.3	57.7	24.3	95.0	26.7
A16-7	8.7	1.7	83.3	32.0	90.0	25.0
AKB3128	9.0	3.0	72.3	27.3	97.7	25.0
AVIATOR II (NAI-15-84)	8.0	2.0	78.7	29.7	90.0	25.0
BAR PP 7236V	9.0	2.0	71.7	22.7	99.0	25.0
DLFPS-340/3364	8.0	2.3	77.0	36.0	90.0	25.0
PIVOT	9.0	2.3	78.0	27.3	96.3	25.0
PPG-KB 1320	9.0	2.3	84.3	35.0	99.0	25.0
A06-8	8.7	1.7	79.7	27.0	94.7	23.3
DLFPS-340/3446	8.3	2.3	66.0	29.3	91.7	23.3
RAD-1776	8.3	2.0	63.3	30.3	91.3	23.3
NK-1	7.7	2.0	77.7	22.3	83.3	21.7
A16-1	8.3	1.3	55.7	18.7	90.0	20.0
DLFPS-340/3444	8.7	1.7	70.0	30.3	91.7	20.0
DLFPS-340/3553	9.0	1.7	81.3	24.7	95.0	20.0
SKYE	9.0	1.3	76.0	18.0	97.7	20.0
DUBLIN (PST-K15-157)	8.7	1.0	80.3	15.7	97.7	15.0
NAI-15-80	8.3	1.0	73.7	19.0	93.3	15.0
LSD VALUE	0.7	1.9	10.7	22.3	6.9	18.7
C.V. (%)	4.5	34.6	8.7	32.0	4.1	29.7

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 25B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	UNIFORMITY AUGUST 16		PERCENT GROUND COVER AUGUST 10		FULLNESS OF CANOPY AUGUST 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
DLFPS-340/3494	8.3	7.0	85.3	73.0	91.7	70.0
DLFPS-340/3500	8.3	7.0	82.7	74.7	88.3	68.3
BARVETTE HGT®	7.7	6.0	63.7	48.7	84.7	60.0
SELWAY	8.7	6.0	90.0	62.7	91.7	56.7
PST-K15-167	7.0	5.0	72.0	54.0	80.0	55.0
RAD 553	8.3	5.3	79.0	58.3	85.0	53.3
DLFPS-340/3550	8.3	5.3	90.3	68.0	85.0	51.7
KENBLUE	7.3	4.3	78.3	48.0	81.7	51.7
BLUE MAGIC (A99-2897)	7.3	5.0	84.0	55.0	70.0	50.0
MVS-130	7.7	5.3	76.7	56.0	73.3	50.0
COMANCHE (NAI-14-176)	6.7	4.0	58.3	47.0	68.3	48.3
DLFPS-340/3552	6.7	4.7	71.7	51.7	75.0	48.3
SYRAH (LTP-11-41)	8.3	4.3	80.7	36.0	86.7	46.7
PST-K15-172	7.3	4.3	64.7	42.7	78.3	45.0
YELLOWSTONE (A12-7)	6.7	5.3	65.0	46.3	68.3	45.0
A11-40	8.0	4.7	87.7	42.0	86.7	43.3
SUPER MOON (PST-K13-141)	8.0	4.0	81.0	44.7	90.0	43.3
A13-1	7.3	4.3	79.3	56.7	75.0	41.7
PPG-KB 1304	8.0	3.3	88.7	50.3	83.3	41.7
A11-38	4.0	4.0	43.7	40.0	46.7	40.0
ACOUSTIC (PPG-KB 1131)	7.3	4.3	76.3	42.0	83.3	40.0
DLFPS-340/3551	6.3	4.3	67.7	40.3	68.3	40.0
ELECTRIC (PST-K11-118)	7.7	3.7	85.3	55.0	81.7	40.0
NAI-14-128	6.7	4.0	70.7	45.0	81.7	40.0
BAR PP 79366	7.0	4.7	71.0	46.3	73.3	38.3
BLUE DEVIL	7.7	3.3	88.0	46.3	83.3	38.3
DLFPS-340/3548	7.7	4.0	67.0	45.7	80.0	38.3
UNITED (NAI-13-14)	7.0	3.7	85.0	41.3	81.7	38.3
A11-26	8.0	3.3	89.0	53.7	85.0	36.7
DLFPS-340/3438	7.3	3.3	81.7	41.7	81.7	36.7
DLFPS-340/3549	6.3	3.7	64.7	38.0	75.0	36.7
DLFPS-340/3556	8.3	2.7	87.0	30.3	80.0	36.7
FINISH LINE (NAI-14-178)	4.7	2.7	73.3	37.0	53.3	36.7
PROSPERITY	8.3	3.3	83.0	42.7	90.0	36.7
A12-34	5.7	3.0	67.7	40.3	65.0	35.0
A16-17	4.7	3.0	62.3	42.3	51.7	35.0
BOMBAY (GO-22B23)	8.0	3.0	87.7	35.7	85.0	35.0
ORION (PST-K13-143)	7.3	3.7	74.7	42.0	81.7	35.0
BAR PP 7K426	6.3	4.3	70.0	34.7	63.3	33.3
DLFPS-340/3444	6.0	2.3	68.0	50.7	58.3	33.3
J-1138	7.0	3.7	85.3	38.7	86.7	33.3
NAI-14-122	6.3	3.0	74.3	35.0	78.3	33.3
A10-280	8.0	3.0	87.7	38.7	80.0	30.0
BARSERATI (BAR PP 110358)	8.0	3.0	87.7	42.0	83.3	30.0
AMAZE (NAI-14-133)	6.3	2.7	71.3	33.7	75.0	28.3
BAR PP 7236V	7.3	3.0	74.0	34.3	78.3	28.3
NEW MOON (PST-K15-177)	6.7	2.0	73.0	30.7	75.0	28.3
NK-1	6.7	2.3	75.3	35.7	61.7	28.3
PST-11-7	9.0	3.3	93.0	41.0	91.7	28.3
BABE	7.3	2.3	68.0	28.0	75.0	26.7

TABLE 25B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	UNIFORMITY AUGUST 16		PERCENT GROUND COVER AUGUST 10		FULLNESS OF CANOPY AUGUST 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
KH3492	6.7	2.3	64.7	27.3	78.3	26.7
NAI-14-132	6.0	3.0	63.3	33.0	73.3	26.7
NAI-15-80	5.0	2.3	60.0	25.0	55.0	26.7
NURUSH (J-3510)	7.7	3.0	79.7	35.7	78.3	26.7
RAD-1776	5.0	2.3	55.0	35.3	58.3	26.7
SKYE	7.7	1.7	77.3	20.7	81.7	26.7
A15-6	8.3	2.3	86.3	32.0	86.7	25.0
BAR PP 71213	3.7	2.3	37.0	22.3	43.3	25.0
BAR PP 79494	7.0	2.0	84.0	27.3	76.7	25.0
BLUE KNIGHT	6.7	2.0	69.0	31.3	71.7	25.0
DLFPS-340/3553	7.7	2.3	81.0	38.0	81.7	25.0
HEARTLAND (NAI-14-187)	6.3	2.7	70.3	25.0	75.0	25.0
STARR (GO-2628)	7.7	2.3	90.0	32.7	88.3	25.0
AFTER MIDNIGHT	8.7	2.3	83.7	26.7	88.3	23.3
AVIATOR II (NAI-15-84)	5.7	1.7	66.3	24.0	63.3	23.3
BAR PP 7309V	5.3	1.7	52.7	22.3	51.7	23.3
BLUE GEM (NAI-13-9)	7.0	2.7	89.3	31.3	78.3	23.3
AKB3241	7.3	1.7	85.3	30.0	68.3	21.7
J-1319	6.0	2.3	57.3	29.7	60.0	21.7
JERSEY (NAI-A16-3)	5.3	2.0	48.0	22.0	51.7	21.7
A06-8	5.7	2.0	69.7	22.7	60.0	20.0
SHADOW HAWK (A16-2)	7.7	2.0	73.7	28.3	78.3	20.0
AKB3128	6.0	2.0	57.3	31.3	66.7	20.0
CLOUD (GO-2425)	7.3	2.0	84.0	27.7	80.0	20.0
DLFPS-340/3364	5.7	1.3	59.7	19.7	65.0	20.0
DLFPS-340/3455	6.3	1.7	77.3	27.3	66.7	20.0
MIDNIGHT	7.7	2.3	87.0	30.0	81.7	20.0
DLFPS-340/3446	5.3	1.7	61.0	20.7	58.3	18.3
PIVOT	7.3	1.7	86.0	23.0	86.7	18.3
PST-T14-39	4.7	1.3	60.7	23.3	60.0	18.3
SHAMROCK	6.3	1.3	51.0	22.7	68.3	16.7
TWILIGHT (NAI-13-132)	7.3	1.3	86.3	23.7	81.7	16.7
AKB3179	6.0	1.7	57.3	20.0	63.3	15.0
A16-7	6.3	2.0	69.3	19.7	70.0	13.3
A16-1	3.7	1.0	50.7	19.3	45.0	11.7
DUBLIN (PST-K15-157)	3.7	1.0	43.0	11.0	36.7	10.0
J-2726	8.0	1.0	78.3	11.0	88.3	10.0
PPG-KB 1320	7.3	1.0	75.0	10.0	78.3	10.0
PALOMA (PST-K13-139)	4.0	1.0	36.3	8.0	30.0	6.7
LSD VALUE	2.3	2.3	22.5	22.6	19.0	21.7
C.V. (%)	18.8	43.7	17.7	36.1	15.6	39.5

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

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

3/ AFTER 28 PASSES OF THE CADY TRAFFIC SIMULATOR (CTS) AND 28 PASSES OF THE RUTGERS WEAR SIMULATOR (RWS).

TABLE 25C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2019 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/									
	PRE-TRAFFIC 4/					POST-TRAFFIC				
	UNIFORMITY 9/9 NO TRAFFIC	FULLNESS OF CANOPY 9/9 TRAFFIC	UNIFORMITY 9/9 NO TRAFFIC	FULLNESS OF CANOPY 9/9 TRAFFIC	PERCENT GREEN COVER 10/7 NO TRAFFIC	UNIFORMITY 10/8 NO TRAFFIC	FULLNESS OF CANOPY 10/8 TRAFFIC	PERCENT GREEN COVER 10/7 NO TRAFFIC	FULLNESS OF CANOPY 10/7 TRAFFIC	PERCENT GREEN COVER 10/7 NO TRAFFIC
BARVETTE HGT®	9.0	9.0	99.0	96.3	9.0	8.7	93.7	91.7	99.0	86.7
BAR PP 71213	9.0	9.0	97.7	96.3	9.0	8.0	93.3	90.0	97.7	76.7
BAR PP 7K426	9.0	8.3	94.7	88.0	8.7	7.0	93.3	81.3	93.3	71.7
PST-K15-167	9.0	8.3	99.0	89.7	9.0	7.3	88.7	86.7	99.0	71.7
PST-K15-172	9.0	8.7	99.0	94.7	9.0	7.3	89.7	87.3	97.7	71.7
DLFPS-340/3549	9.0	8.7	99.0	92.7	9.0	7.0	91.7	85.3	97.7	68.3
YELLOWSTONE (A12-7)	9.0	8.3	99.0	88.0	9.0	7.0	93.0	87.7	97.7	66.7
A16-17	9.0	7.7	97.7	78.3	9.0	7.0	95.7	91.7	97.7	63.3
DLFPS-340/3552	9.0	7.0	96.0	75.0	9.0	6.3	92.0	78.3	95.0	61.7
RAD 553	9.0	8.0	93.3	83.3	9.0	6.7	94.0	88.3	96.3	61.7
A11-38	9.0	8.3	99.0	86.7	9.0	6.3	91.0	85.7	97.7	60.0
BAR PP 7309V	8.7	7.7	96.3	83.3	9.0	6.0	93.7	83.7	97.7	60.0
PALOMA (PST-K13-139)	9.0	7.3	99.0	81.7	9.0	6.0	92.0	83.0	99.0	60.0
PST-11-7	9.0	6.7	96.3	73.3	9.0	6.3	84.7	89.3	96.3	60.0
SELWAY	9.0	8.0	96.3	83.3	9.0	6.3	92.0	85.7	99.0	60.0
JERSEY (NAI-A16-3)	9.0	8.3	99.0	90.0	9.0	6.0	91.3	85.0	97.7	58.3
PROSPERITY	9.0	7.3	99.0	81.7	9.0	6.3	83.0	90.3	99.0	58.3
A11-26	9.0	8.3	97.7	89.7	9.0	6.0	90.7	88.7	97.7	56.7
BABE	9.0	8.0	97.7	85.0	9.0	5.7	94.0	87.0	99.0	56.7
KH3492	9.0	8.0	99.0	81.7	9.0	5.7	93.3	87.3	97.7	56.7
DLFPS-340/3494	8.7	6.3	91.3	70.0	8.3	5.7	88.3	89.0	94.7	55.0
DLFPS-340/3455	9.0	7.0	94.7	76.7	9.0	5.7	93.7	84.0	95.0	53.3
FINISH LINE (NAI-14-178)	9.0	6.7	99.0	70.0	9.0	5.7	91.7	93.7	99.0	53.3
J-2726	9.0	6.7	99.0	75.0	9.0	5.3	85.7	82.7	99.0	53.3
SHADOW HAWK (A16-2)	9.0	7.3	91.0	78.0	9.0	5.3	93.0	87.0	96.0	51.7
AKB3179	9.0	8.3	99.0	93.0	9.0	5.3	92.0	78.7	97.7	51.7
DLFPS-340/3556	9.0	6.7	88.3	70.0	8.7	5.7	88.0	85.3	93.3	51.7
ACOUSTIC (PPG-KB 1131)	9.0	7.7	96.3	78.3	9.0	5.7	87.0	83.7	96.3	51.7
BAR PP 7236V	9.0	6.7	95.0	66.7	9.0	5.0	93.3	85.3	96.3	50.0
BLUE DEVIL	9.0	7.0	96.0	70.0	9.0	5.3	86.3	85.3	99.0	50.0
BOMBAY (GO-22B23)	9.0	8.3	99.0	89.3	9.0	5.7	89.3	84.7	99.0	50.0
DLFPS-340/3444	9.0	6.7	94.7	66.7	8.7	4.7	91.3	85.0	96.3	50.0
TWILIGHT (NAI-13-132)	9.0	6.7	97.7	71.7	9.0	5.0	84.3	84.0	97.7	50.0
BLUE KNIGHT	8.7	7.0	91.7	71.7	8.3	5.0	84.3	76.3	94.7	48.3
NURUSH (J-3510)	9.0	7.7	99.0	80.0	9.0	5.3	88.3	83.7	99.0	48.3
MVS-130	9.0	6.7	99.0	71.7	9.0	5.0	87.3	74.0	99.0	48.3
NEW MOON (PST-K15-177)	9.0	5.7	96.3	65.0	9.0	5.3	81.7	86.7	97.7	48.3
ELECTRIC (PST-K11-118)	9.0	6.7	97.7	73.3	9.0	5.0	93.0	88.0	96.3	48.3
BAR PP 79366	9.0	7.0	94.7	75.0	8.7	5.0	91.3	81.3	95.0	46.7
DLFPS-340/3500	9.0	7.3	93.3	75.0	9.0	5.0	89.7	87.0	94.7	46.7
J-1138	9.0	7.3	97.7	76.7	9.0	5.0	87.7	82.3	97.7	46.7
MIDNIGHT	9.0	7.0	94.7	73.3	9.0	5.0	85.3	85.7	96.3	46.7
AFTER MIDNIGHT	9.0	7.3	97.7	78.3	9.0	4.7	79.3	86.7	99.0	45.0
AKB3128	9.0	7.3	99.0	80.0	8.7	5.0	90.7	78.3	95.0	45.0
DLFPS-340/3550	9.0	7.3	95.0	73.3	9.0	4.7	88.7	75.7	95.0	45.0
SUPER MOON (PST-K13-141)	9.0	6.3	93.3	71.7	9.0	4.7	94.0	82.7	91.7	45.0
UNITED (NAI-13-14)	9.0	6.7	93.3	73.3	9.0	4.7	85.7	83.0	94.7	45.0
CLOUD (GO-2425)	9.0	7.0	99.0	73.3	9.0	4.3	89.7	83.0	99.0	43.3
SYRAH (LTP-11-41)	9.0	7.3	99.0	80.0	9.0	4.3	92.3	77.3	99.0	43.3
A11-40	9.0	7.0	99.0	71.7	9.0	4.3	94.7	82.7	97.7	41.7

TABLE 25C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2019 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/									
	PRE-TRAFFIC 4/					POST-TRAFFIC				
	UNIFORMITY 9/9 NO TRAFFIC	FULLNESS OF CANOPY 9/9 TRAFFIC	UNIFORMITY 10/8 NO TRAFFIC	PERCENT GREEN COVER 10/7 TRAFFIC	FULLNESS OF CANOPY 10/10 NO TRAFFIC	UNIFORMITY 10/8 NO TRAFFIC	PERCENT GREEN COVER 10/7 TRAFFIC	FULLNESS OF CANOPY 10/10 NO TRAFFIC	UNIFORMITY 10/8 TRAFFIC	PERCENT GREEN COVER 10/7 TRAFFIC
BARSERATI (BAR PP 110358)	9.0	7.0	96.3	71.7	9.0	4.0	91.7	82.7	96.3	41.7
BAR PP 79494	9.0	7.0	93.3	68.3	8.7	4.0	88.7	83.0	95.0	40.0
DLFPS-340/3438	8.7	6.3	90.0	70.0	8.0	3.7	93.3	77.7	86.7	40.0
NAI-14-128	9.0	7.3	96.0	76.7	9.0	3.7	84.0	70.7	99.0	40.0
PST-T14-39	9.0	6.3	96.3	65.0	9.0	3.7	90.0	78.0	96.3	40.0
SKYE	9.0	7.0	97.7	73.3	9.0	4.3	90.0	77.0	99.0	40.0
A10-280	8.7	6.3	91.7	60.0	8.3	4.0	90.7	81.7	86.7	38.3
A13-1	8.0	5.7	85.0	53.3	7.7	3.7	90.0	80.7	83.3	38.3
A15-6	8.7	6.0	88.3	60.0	8.3	4.0	88.7	76.7	86.7	38.3
BLUE GEM (NAI-13-9)	9.0	5.7	96.3	63.3	9.0	4.0	83.3	77.3	95.0	38.3
DLFPS-340/3548	9.0	7.3	97.7	78.3	9.0	4.0	88.0	83.0	96.3	38.3
SHAMROCK	9.0	6.3	97.7	70.0	9.0	4.0	91.7	84.7	96.3	38.3
A16-1	9.0	6.3	93.0	68.3	9.0	3.7	92.7	78.0	96.3	36.7
AKB3241	9.0	6.3	96.3	68.3	9.0	3.3	91.7	75.7	93.3	36.7
AMAZE (NAI-14-133)	9.0	5.3	93.0	60.0	8.7	3.7	85.0	74.3	94.7	36.7
ORION (PST-K13-143)	9.0	7.3	97.7	75.0	9.0	3.7	89.7	72.3	95.0	36.7
DLFPS-340/3551	8.7	5.3	85.0	55.0	8.3	3.7	90.0	78.0	91.7	35.0
PPG-KB 1304	8.7	6.0	91.7	60.0	8.3	3.3	87.7	76.7	88.3	35.0
PPG-KB 1320	9.0	5.7	94.3	61.7	9.0	3.0	86.3	78.0	95.0	35.0
STARR (GO-2628)	9.0	6.7	97.7	70.0	9.0	3.7	89.0	79.0	99.0	35.0
COMANCHE (NAI-14-176)	9.0	6.3	96.0	71.7	9.0	3.0	84.0	65.3	97.7	31.7
KENBLUE	8.7	6.7	91.7	68.3	9.0	3.3	94.7	79.3	93.3	31.7
NAI-14-122	9.0	5.7	97.7	66.7	9.0	3.0	86.3	73.3	97.7	31.7
A16-7	8.3	4.7	91.3	51.7	8.0	3.0	87.7	77.3	88.3	30.0
DLFPS-340/3446	9.0	5.7	94.7	61.7	8.0	2.7	90.3	71.7	86.7	30.0
TWILIGHT (NAI-14-132)	9.0	5.0	94.7	56.7	9.0	2.7	83.7	68.0	97.7	30.0
A06-8	8.7	5.0	90.0	50.0	8.3	2.7	87.3	70.0	91.7	28.3
A12-34	8.7	5.3	88.3	55.0	8.3	3.0	86.7	69.7	90.0	28.3
BLUE MAGIC (A99-2897)	8.0	5.0	81.7	50.0	8.0	2.7	81.7	76.3	85.0	28.3
PIVOT	8.7	4.7	95.0	56.7	8.7	2.7	84.7	73.3	93.0	28.3
HEARTLAND (NAI-14-187)	9.0	5.7	96.3	66.7	9.0	3.0	84.3	63.3	99.0	26.7
RAD-1776	9.0	5.7	97.7	65.0	8.3	2.7	94.0	71.7	95.0	25.0
AVIATOR II (NAI-15-84)	8.0	4.7	88.3	45.0	7.7	2.0	87.0	67.3	80.0	21.7
DLFPS-340/3553	8.7	5.3	94.7	56.7	8.7	1.7	90.0	73.3	90.0	21.7
J-1319	9.0	4.3	91.7	50.0	8.0	1.7	76.7	64.0	90.0	21.7
DLFPS-340/3364	7.3	4.3	76.7	46.7	7.0	1.7	83.0	67.3	75.0	20.0
NK-1	7.0	3.3	71.7	30.0	7.0	1.0	90.7	53.0	71.7	15.0
DUBLIN (PST-K15-157)	9.0	4.3	91.7	46.7	7.3	1.0	89.3	50.7	81.7	13.3
NAI-15-80	8.0	2.7	83.3	28.3	7.0	1.0	89.3	51.3	75.0	10.0
LSD VALUE	0.4	1.6	6.1	16.2	0.5	1.7	3.4	7.9	4.7	15.2
C.V. (%)	2.9	15.0	4.1	14.4	3.8	24.0	2.5	6.5	3.4	22.1

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

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

3/ TRAFFIC APPLIED IN FALL 2019 USING 14 PASSES OF A VIBRATORY ROLLER AND 14 PASSES OF THE RUTGERS WEAR SIMULATOR.

4/ RATINGS COLLECTED 9/9 ON TRAFFIC STRIPS REFLECT RECOVERY FROM PREVIOUS TRAFFIC APPLICATIONS.

TABLE 25C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2020 DATA

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

NAME	UNIFORMITY NO TRAFFIC	OCT 1 TRAFFIC	CANOPY FULLNESS NO TRAFFIC	OCT 1 TRAFFIC	UNIFORMITY NO TRAFFIC	OCT 27 TRAFFIC	% GREEN COVER NO TRAFFIC	NOV 3 TRAFFIC	CANOPY FULLNESS NO TRAFFIC	OCT 27 TRAFFIC
BARVETTE HGT®	9.0	9.0	99.0	99.0	9.0	7.7	96.7	84.7	99.0	81.7
BAR PP 7K426	8.7	9.0	96.3	94.7	9.0	7.0	96.3	82.0	94.7	73.3
DLFPS-340/3552	9.0	9.0	96.3	86.7	9.0	6.3	96.0	71.0	97.7	65.0
BAR PP 7309V	8.7	8.3	95.0	86.7	9.0	5.7	97.0	85.3	95.0	61.7
J-1138	9.0	7.7	94.7	71.7	9.0	5.7	97.7	82.7	96.3	61.7
ACOUSTIC (PPG-KB 1131)	9.0	8.7	99.0	86.7	9.0	5.3	97.7	86.0	99.0	60.0
BAR PP 79494	9.0	8.0	97.7	86.7	9.0	5.3	97.7	83.3	96.3	56.7
NURUSH (J-3510)	9.0	8.7	97.7	86.7	9.0	5.7	97.3	83.7	97.7	56.7
PROSPERITY	8.3	6.7	89.7	66.7	8.7	6.0	97.7	84.3	93.0	56.7
UNITED (NAI-13-14)	8.7	7.7	94.7	75.0	8.7	5.3	97.7	80.3	94.7	56.7
BLUE GEM (NAI-13-9)	9.0	7.3	97.7	75.0	9.0	4.3	97.7	77.7	99.0	55.0
AFTER MIDNIGHT	9.0	9.0	97.7	85.0	9.0	5.3	97.7	86.3	99.0	53.3
BLUE DEVIL	9.0	8.7	96.0	86.7	9.0	5.3	98.0	85.0	94.7	53.3
PST-K15-172	9.0	9.0	99.0	91.7	9.0	5.3	96.7	74.3	97.7	53.3
SYRAH (LTP-11-41)	9.0	7.7	99.0	70.0	9.0	4.7	98.3	76.3	99.0	53.3
PST-K15-167	9.0	8.3	97.7	91.3	9.0	4.7	95.7	76.0	97.7	51.7
DLFPS-340/3494	8.3	7.7	86.7	75.0	9.0	4.7	97.7	73.7	93.3	50.0
A11-40	9.0	8.7	99.0	86.7	9.0	3.7	98.3	62.0	99.0	48.3
DLFPS-340/3550	9.0	7.7	95.0	78.3	9.0	4.3	97.0	66.0	96.3	48.3
TWILIGHT (NAI-13-132)	8.7	7.7	99.0	85.0	9.0	4.0	98.0	77.0	95.0	48.3
NEW MOON (PST-K15-177)	9.0	7.0	97.7	86.7	9.0	4.3	96.7	74.7	99.0	46.7
SUPER MOON (PST-K13-141)	8.3	7.0	94.7	68.3	9.0	4.7	98.0	68.3	96.3	46.7
A11-26	7.3	7.0	78.3	65.0	8.3	4.3	97.3	70.0	89.7	45.0
A13-1	8.3	8.0	91.7	70.0	9.0	4.7	97.3	74.3	93.3	45.0
DLFPS-340/3556	8.0	6.3	81.7	61.7	7.7	4.3	97.3	69.7	86.7	45.0
MIDNIGHT	9.0	7.0	96.3	65.0	9.0	3.7	98.0	70.3	97.7	45.0
BOMBAY (GO-22B23)	9.0	8.0	97.7	76.7	9.0	4.3	97.7	69.7	99.0	43.3
JERSEY (NAI-A16-3)	8.0	7.3	83.0	71.7	8.7	3.7	97.7	65.0	94.7	43.3
PST-11-7	8.7	8.7	96.3	93.0	8.7	4.0	97.3	76.7	96.0	43.3
AKB3179	9.0	8.7	99.0	89.7	9.0	3.3	96.7	50.0	99.0	41.7
PPG-KB 1304	8.3	7.0	91.7	65.0	9.0	4.0	97.3	61.0	95.0	41.7
SELWAY	8.7	7.3	96.3	71.7	8.7	2.3	98.0	64.7	94.7	41.7
SHADOW HAWK (A16-2)	9.0	6.7	95.0	58.3	9.0	3.7	97.7	56.0	97.7	40.0
BAR PP 7236V	8.3	8.0	94.3	86.7	9.0	4.3	98.0	65.3	95.0	40.0
DLFPS-340/3500	9.0	6.3	91.7	65.0	9.0	4.0	97.3	71.3	96.3	40.0
J-2726	8.3	7.3	83.3	75.0	8.3	3.7	96.7	67.7	84.7	40.0
A15-6	8.3	7.0	85.0	66.7	8.7	3.7	97.7	57.7	90.0	38.3
A16-17	5.3	4.3	55.0	51.7	6.3	3.3	97.0	73.0	68.3	38.3
BLUE MAGIC (A99-2897)	8.3	6.7	90.0	60.0	8.3	3.3	96.7	58.7	91.7	38.3
BAR PP 79366	8.0	6.3	86.7	63.3	8.3	3.7	98.0	72.3	90.0	38.3
DLFPS-340/3455	8.3	7.0	93.3	65.0	8.0	4.3	97.3	72.0	88.3	38.3
AKB3241	8.7	8.0	97.7	85.0	9.0	2.7	94.7	38.3	95.0	36.7
CLOUD (GO-2425)	8.7	7.3	94.3	70.0	8.7	3.7	97.7	67.7	96.3	36.7
DLFPS-340/3438	8.7	7.0	91.3	71.7	8.3	2.0	92.7	40.3	91.3	36.7
DLFPS-340/3551	8.7	7.3	93.0	68.3	9.0	3.7	97.3	54.7	97.7	36.7
SKYE	9.0	6.7	99.0	75.0	9.0	3.0	97.7	56.3	97.7	36.7
YELLOWSTONE (A12-7)	4.3	4.0	50.0	50.0	5.7	2.7	95.7	62.0	63.3	36.7
A06-8	8.3	6.7	86.7	50.0	8.3	3.7	97.7	57.3	90.0	35.0
AKB3128	8.3	6.0	93.0	53.3	9.0	2.7	96.7	44.3	96.3	35.0
BABE	8.3	6.0	78.3	61.7	8.0	3.7	97.7	63.7	81.7	35.0

TABLE 25C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2020 DATA

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

NAME	UNIFORMITY OCT 1		CANOPY FULLNESS OCT 1		UNIFORMITY OCT 27		% GREEN COVER NOV 3		CANOPY FULLNESS OCT 27	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
BAR PP 71213	5.3	5.0	63.3	56.7	7.0	2.7	95.7	57.3	71.7	33.3
FINISH LINE (NAI-14-178)	7.0	5.3	73.3	48.3	7.3	3.3	97.7	76.7	73.3	33.3
J-1319	8.7	7.3	91.7	63.3	9.0	3.0	97.7	61.0	97.7	33.3
A10-280	8.3	6.0	90.0	50.0	8.7	2.7	97.0	49.7	88.3	31.7
A16-7	8.3	6.0	80.0	45.0	8.3	2.7	97.7	50.3	91.7	31.7
BARSERATI (BAR PP 110358)	9.0	7.0	97.7	73.3	9.0	3.3	98.3	53.0	97.7	31.7
DLFPS-340/3549	8.0	6.0	86.7	60.0	8.3	2.3	97.3	54.7	85.0	31.7
KENBLUE	8.3	7.0	88.0	71.7	8.0	2.7	96.3	47.0	86.7	31.7
KH3492	8.3	6.0	81.7	55.0	8.7	2.7	98.0	58.3	85.0	31.7
SHAMROCK	8.7	6.0	83.3	53.3	8.3	3.7	97.3	56.0	90.0	31.7
A12-34	8.3	6.7	85.0	53.3	8.7	2.3	96.3	52.7	93.3	30.0
ELECTRIC (PST-K11-118)	7.3	6.3	84.3	65.0	8.3	3.0	98.0	48.7	91.0	30.0
MVS-130	7.0	5.3	76.7	48.3	7.0	2.0	96.0	53.3	83.0	30.0
STARR (GO-2628)	8.7	6.7	96.0	61.7	9.0	2.7	98.0	58.3	97.7	30.0
DLFPS-340/3548	7.3	5.3	73.3	56.7	7.3	3.3	96.7	67.0	81.7	28.3
AVIATOR II (NAI-15-84)	7.3	5.3	83.3	53.3	8.3	2.3	97.7	50.3	88.3	26.7
COMANCHE (NAI-14-176)	7.3	5.0	78.3	53.3	7.0	2.0	95.0	49.0	76.7	26.7
PIVOT	9.0	5.7	97.7	45.0	9.0	2.7	97.3	55.7	93.3	26.7
A16-1	6.0	3.3	61.7	38.3	6.7	2.0	96.7	49.7	73.3	25.0
ORION (PST-K13-143)	8.3	4.7	81.7	43.3	8.7	1.7	97.0	40.7	88.3	25.0
PST-T14-39	7.3	4.0	71.7	36.7	7.7	2.3	97.0	57.0	81.3	25.0
BLUE KNIGHT	5.7	3.7	51.7	30.0	6.7	1.7	95.0	45.0	75.0	23.3
DLFPS-340/3364	8.0	6.0	85.0	58.3	8.0	2.3	97.0	49.3	86.7	23.3
DLFPS-340/3444	7.7	5.0	83.3	41.7	8.0	2.3	97.3	60.3	86.7	23.3
DLFPS-340/3446	8.0	5.7	71.7	55.0	7.7	2.7	95.0	46.3	81.7	23.3
DLFPS-340/3553	9.0	6.0	95.0	48.3	8.7	2.0	98.0	38.0	96.3	23.3
NAI-14-128	6.7	6.3	75.0	58.3	7.7	2.7	94.3	54.3	76.7	23.3
RAD 553	6.7	5.3	66.7	46.7	7.7	2.0	96.7	49.3	76.7	23.3
AMAZE (NAI-14-133)	6.3	5.0	60.0	55.0	6.3	1.7	94.7	42.3	68.3	20.0
A11-38	4.0	2.7	45.0	30.0	5.3	1.3	91.7	31.7	55.0	18.3
RAD-1776	8.3	5.3	91.7	51.7	8.7	2.0	96.0	39.3	91.7	18.3
PALOMA (PST-K13-139)	6.3	4.3	60.0	43.3	6.7	1.7	96.7	48.0	71.7	16.7
DUBLIN (PST-K15-157)	7.0	4.0	66.7	41.7	7.3	1.3	97.0	39.0	81.7	15.0
HEARTLAND (NAI-14-187)	6.3	4.0	68.3	43.3	7.0	1.3	92.7	33.7	70.0	15.0
NAI-14-122	6.7	4.7	66.7	43.3	7.0	1.3	95.3	44.7	75.0	15.0
NK-1	8.0	6.0	83.3	55.0	8.0	1.3	89.7	29.3	88.3	15.0
PPG-KB 1320	8.3	5.3	88.0	43.3	8.0	1.3	96.7	37.3	89.7	15.0
NAI-14-132	6.7	3.0	73.3	38.3	6.3	1.0	94.3	28.3	71.7	11.7
NAI-15-80	7.7	2.7	78.3	31.7	7.7	1.3	98.0	28.0	83.3	10.0
LSD VALUE	1.5	2.2	15.4	21.9	1.0	1.9	2.0	21.6	12.5	18.4
C.V. (%)	11.7	20.8	11.4	21.4	7.9	34.3	1.3	21.9	8.8	30.9

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 25C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	DOLLAR SPOT		STEM RUST		UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 1	SEPTEMBER 1	SEPTEMBER 3	SEPTEMBER 3	SEPTEMBER 1	SEPTEMBER 1
BARVETTE HGT®	4.3	7.7	9.0	8.7	9.0	6.3	55.7	49.0	97.7	65.0
DLFPS-340/3494	5.7	8.7	8.7	6.0	9.0	6.3	85.7	66.7	97.7	65.0
PST-K15-172	7.7	9.0	8.7	8.3	9.0	6.3	57.7	55.3	99.0	61.7
DLFPS-340/3500	6.0	7.3	9.0	9.0	8.0	5.0	68.3	59.7	91.7	60.0
DLFPS-340/3550	8.7	9.0	9.0	6.0	8.7	5.3	91.3	68.0	93.3	60.0
FINISH LINE (NAI-14-178)	7.3	8.0	9.0	8.7	9.0	4.7	87.7	51.7	97.7	55.0
ACOUSTIC (PPG-KB 1131)	8.0	9.0	9.0	3.7	9.0	5.0	84.3	57.3	97.7	55.0
DLFPS-340/3552	9.0	9.0	8.3	6.7	8.7	5.3	80.3	57.3	93.3	53.3
BAR PP 7K426	8.7	9.0	9.0	6.7	8.7	5.0	80.3	52.7	95.0	50.0
PST-K15-167	8.0	9.0	8.7	4.7	8.3	4.3	64.3	54.3	97.7	50.0
NEW MOON (PST-K15-177)	8.0	9.0	8.3	7.7	9.0	4.3	75.7	40.0	97.7	48.3
PST-11-7	7.0	9.0	8.7	3.0	9.0	4.7	80.7	59.3	96.0	48.3
A16-17	7.3	8.7	9.0	9.0	8.3	4.3	81.7	52.0	93.3	46.7
BAR PP 7309V	6.3	9.0	8.7	8.0	8.7	4.7	65.0	45.7	93.3	46.7
PROSPERITY	7.3	9.0	9.0	4.0	8.7	3.0	45.7	32.7	94.3	43.3
UNITED (NAI-13-14)	8.0	9.0	9.0	8.3	8.3	4.3	80.3	41.7	91.3	43.3
AFTER MIDNIGHT	5.0	9.0	9.0	3.3	9.0	3.3	67.0	39.3	99.0	40.0
A13-1	8.7	9.0	9.0	8.7	7.7	3.3	71.7	45.0	83.3	38.3
BLUE DEVIL	7.7	9.0	9.0	7.0	9.0	3.3	83.0	41.7	96.3	38.3
DLFPS-340/3556	8.3	9.0	9.0	8.3	7.3	3.3	56.7	32.3	73.3	38.3
BAR PP 79366	6.7	7.3	9.0	8.0	7.7	3.3	59.3	40.0	90.0	36.7
KENBLUE	6.0	9.0	8.7	4.7	9.0	3.0	75.3	36.7	95.0	36.7
A10-280	8.7	9.0	9.0	9.0	9.0	2.7	79.3	30.3	95.0	33.3
A15-6	8.3	9.0	9.0	5.0	8.0	2.7	74.0	36.0	85.0	33.3
BLUE MAGIC (A99-2897)	9.0	9.0	9.0	8.7	7.3	2.7	77.0	33.7	81.7	33.3
BLUE GEM (NAI-13-9)	8.3	9.0	9.0	6.0	9.0	3.3	89.3	34.7	96.0	33.3
MVS-130	9.0	9.0	8.3	6.0	8.3	3.0	36.0	29.7	86.7	33.3
NURUSH (J-3510)	7.3	9.0	9.0	2.3	9.0	3.0	83.3	40.7	99.0	33.3
RAD 553	5.3	8.0	8.7	4.0	8.3	2.7	77.3	37.0	93.3	33.3
BAR PP 71213	6.3	9.0	8.7	8.3	8.7	3.3	58.3	27.3	90.0	31.7
BAR PP 79494	7.0	9.0	9.0	7.0	9.0	2.3	84.3	33.3	91.7	31.7
BOMBAY (GO-22B23)	8.0	9.0	9.0	7.7	9.0	3.7	80.0	38.3	99.0	31.7
CLOUD (GO-2425)	8.3	9.0	9.0	7.7	8.7	3.0	57.7	30.3	97.7	31.7
ELECTRIC (PST-K11-118)	5.7	8.7	9.0	4.7	8.7	2.7	75.0	35.7	97.7	31.7
SUPER MOON (PST-K13-141)	6.3	9.0	9.0	7.0	8.7	2.3	72.0	20.7	93.3	31.7
A11-26	8.0	9.0	9.0	7.7	8.0	2.7	56.7	31.0	89.7	30.0
COMANCHE (NAI-14-176)	9.0	9.0	8.7	5.0	8.0	2.7	34.3	28.7	85.0	30.0
DLFPS-340/3438	9.0	9.0	8.3	5.3	8.0	2.7	60.0	24.3	86.7	30.0
DLFPS-340/3455	8.3	9.0	9.0	4.7	8.3	2.7	76.7	40.0	90.0	30.0
DLFPS-340/3549	4.0	8.0	8.7	7.0	9.0	2.7	53.0	31.3	94.7	30.0
DLFPS-340/3551	9.0	9.0	9.0	6.0	7.7	2.7	79.0	30.7	81.7	30.0
MIDNIGHT	8.3	9.0	9.0	8.0	9.0	2.7	82.3	27.0	94.7	30.0
NAI-14-128	9.0	9.0	8.7	6.0	8.3	2.7	55.0	29.3	93.3	30.0
YELLOWSTONE (A12-7)	6.3	8.3	8.3	5.3	8.0	2.7	48.3	26.7	86.7	30.0
A11-38	5.0	7.0	9.0	5.3	9.0	2.7	69.0	32.7	96.3	28.3
A11-40	9.0	9.0	9.0	2.3	8.7	2.0	62.7	22.7	97.7	28.3
AKB3179	9.0	9.0	9.0	7.7	8.3	2.3	24.0	24.7	91.7	28.3
J-1138	7.0	9.0	9.0	8.7	9.0	2.7	85.7	30.0	96.3	28.3
NAI-14-122	9.0	9.0	8.3	7.7	8.0	2.7	43.3	29.0	90.0	28.3
SELWAY	6.3	9.0	8.3	6.7	9.0	2.3	79.0	38.7	99.0	28.3

TABLE 25C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

NAME	DOLLAR SPOT		STEM RUST		UNIFORMITY		PERCENT GREEN COVER		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 28	SEPTEMBER 1	SEPTEMBER 1	SEPTEMBER 3	SEPTEMBER 3	SEPTEMBER 1	SEPTEMBER 1
BABE	8.7	9.0	8.3	5.0	9.0	2.3	58.3	26.3	97.7	26.7
BARSERATI (BAR PP 110358)	7.0	9.0	8.7	7.3	9.0	2.0	88.0	39.0	95.0	26.7
ORION (PST-K13-143)	8.3	9.0	8.0	4.0	9.0	2.0	75.0	32.0	97.7	26.7
A12-34	9.0	9.0	8.7	6.0	8.0	2.3	77.7	33.7	83.3	25.0
BAR PP 7236V	6.3	9.0	8.7	8.0	9.0	1.3	77.7	17.3	97.7	25.0
BLUE KNIGHT	4.3	8.7	8.3	1.7	8.0	2.3	67.7	27.3	83.3	25.0
NAI-14-132	9.0	9.0	8.3	6.7	8.7	2.0	44.7	24.7	90.0	25.0
SYRAH (LTP-11-41)	9.0	9.0	8.7	7.0	8.0	2.0	35.3	19.0	89.7	25.0
DLFPS-340/3548	9.0	9.0	8.0	7.3	9.0	1.7	61.7	23.3	96.0	23.3
J-2726	7.3	9.0	9.0	1.3	8.0	2.0	36.3	21.0	89.7	23.3
NK-1	9.0	9.0	8.7	5.3	6.3	1.3	68.0	19.7	76.7	23.3
PPG-KB 1304	8.7	9.0	8.7	7.3	8.7	1.7	87.3	27.7	93.3	23.3
TWILIGHT (NAI-13-132)	8.3	9.0	9.0	7.0	9.0	2.0	86.0	29.0	93.3	23.3
AKB3128	9.0	9.0	9.0	7.0	8.3	1.7	68.0	19.7	91.7	21.7
DLFPS-340/3364	8.3	9.0	9.0	5.0	7.7	1.7	62.0	24.3	78.3	21.7
DLFPS-340/3444	8.7	9.0	8.0	4.7	7.7	1.7	61.0	26.3	85.0	21.7
HEARTLAND (NAI-14-187)	9.0	9.0	8.0	5.3	8.3	1.7	37.3	17.0	90.0	21.7
JERSEY (NAI-A16-3)	7.0	9.0	9.0	8.7	9.0	1.7	56.3	24.7	99.0	21.7
PALOMA (PST-K13-139)	7.3	9.0	9.0	8.7	9.0	1.7	75.3	21.3	96.3	21.7
PST-T14-39	8.7	9.0	8.7	4.3	8.3	2.7	68.3	32.0	93.3	21.7
SHADOW HAWK (A16-2)	8.7	9.0	8.7	8.7	9.0	2.7	62.7	18.0	99.0	20.0
AKB3241	9.0	9.0	9.0	2.0	7.7	1.0	58.0	15.7	86.7	20.0
DLFPS-340/3553	7.3	9.0	8.7	2.7	8.7	1.0	68.3	19.7	93.3	20.0
KH3492	7.7	9.0	9.0	6.7	9.0	1.7	67.7	19.3	99.0	20.0
SHAMROCK	9.0	9.0	8.0	3.3	8.3	1.7	49.3	22.3	91.3	20.0
A06-8	8.7	9.0	9.0	6.7	8.3	1.0	77.7	17.3	91.7	18.3
A16-7	8.3	9.0	9.0	6.7	8.0	1.7	79.0	21.7	78.3	18.3
DLFPS-340/3446	9.0	9.0	9.0	3.3	7.3	1.3	54.3	16.3	80.0	18.3
RAD-1776	8.7	9.0	8.7	6.7	8.3	1.7	50.7	18.0	90.0	18.3
SKYE	7.3	9.0	9.0	6.0	9.0	1.0	62.3	12.7	97.7	18.3
STARR (GO-2628)	7.0	9.0	8.7	6.7	9.0	1.7	68.3	18.0	99.0	18.3
NAI-15-80	8.7	8.7	8.3	3.7	7.0	1.0	56.7	17.0	75.0	16.7
PPG-KB 1320	7.7	9.0	5.3	1.3	9.0	1.3	62.3	18.7	99.0	16.7
AMAZE (NAI-14-133)	8.7	9.0	8.0	5.7	7.0	1.3	40.7	16.3	81.7	15.0
J-1319	8.7	9.0	9.0	6.7	8.7	1.7	64.3	22.0	88.3	15.0
A16-1	8.7	9.0	8.7	4.7	6.7	1.0	44.3	11.3	76.7	13.3
AVIATOR II (NAI-15-84)	9.0	9.0	8.3	7.0	7.3	1.0	59.7	17.0	80.0	13.3
PIVOT	8.7	9.0	7.7	2.0	9.0	1.3	60.0	11.3	99.0	13.3
DUBLIN (PST-K15-157)	9.0	9.0	9.0	6.7	8.3	1.0	51.3	8.0	91.7	11.7
LSD VALUE	3.3	1.0	0.7	2.7	1.0	2.3	18.3	26.8	9.0	19.7
C.V. (%)	20.3	5.5	4.8	27.7	7.0	49.5	17.5	46.4	6.0	38.0

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 25C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/								
ANNUAL BLUEGRASS								
NAME	PERCENT COVER OCTOBER 31		UNIFORMITY OCTOBER 5		PERCENT GROUND COVER OCTOBER 7		FULLNESS OF CANOPY OCTOBER 5	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
BARVETTE HGT®	1.7	1.7	9.0	6.7	93.3	74.7	97.7	63.3
DLFPS-340/3500	1.7	1.7	7.7	5.3	90.0	83.3	81.3	53.3
DLFPS-340/3494	5.0	3.3	8.3	4.0	90.7	57.7	83.3	43.3
DLFPS-340/3552	8.3	18.3	6.0	4.0	86.3	52.0	60.0	40.0
PST-K15-172	5.0	8.3	7.0	4.0	80.0	53.0	73.3	40.0
SELWAY	1.7	13.3	8.7	3.3	92.0	60.7	93.3	38.3
DLFPS-340/3548	8.3	21.7	7.3	3.7	83.0	58.3	73.3	36.7
MVS-130	10.0	18.3	7.3	3.7	77.0	54.0	76.7	36.7
SUPER MOON (PST-K13-141)	5.0	15.0	7.7	3.3	90.0	53.3	81.7	35.0
DLFPS-340/3549	1.7	11.7	7.7	3.3	86.7	54.7	81.3	31.7
BAR PP 79366	5.0	5.0	6.0	3.0	62.7	49.7	56.3	30.0
BLUE MAGIC (A99-2897)	15.0	20.0	7.3	3.0	86.3	49.0	78.3	30.0
DLFPS-340/3550	8.3	18.3	6.3	2.3	74.0	52.3	60.0	30.0
KENBLUE	1.7	8.3	8.7	2.3	87.7	39.3	89.7	30.0
RAD 553	1.7	6.7	8.7	3.0	87.3	45.3	91.7	30.0
A10-280	5.0	23.3	8.3	2.7	89.0	57.0	89.7	28.3
A11-26	13.3	21.7	8.7	2.3	92.7	58.0	90.0	28.3
A13-1	11.7	26.7	6.0	2.7	83.0	55.0	61.7	28.3
ACOUSTIC (PPG-KB 1131)	5.0	18.3	6.7	2.7	86.3	52.0	65.0	28.3
BAR PP 7309V	5.0	23.3	5.3	3.0	80.3	50.0	50.0	28.3
BLUE GEM (NAI-13-9)	10.0	15.0	6.7	1.7	88.3	34.0	76.7	28.3
COMANCHE (NAI-14-176)	8.3	26.7	6.0	2.7	73.7	45.3	60.0	28.3
NAI-14-128	6.7	18.3	7.3	2.7	82.0	49.3	76.7	28.3
PPG-KB 1304	8.3	21.7	8.0	2.3	89.3	45.3	86.3	28.3
PST-K15-167	15.0	13.3	7.0	3.0	87.0	44.0	70.0	28.3
A16-17	3.3	16.7	5.7	2.3	85.7	43.0	51.7	26.7
BAR PP 7236V	5.0	26.7	8.3	2.7	86.3	40.3	83.0	26.7
DLFPS-340/3444	11.7	20.0	7.0	3.0	86.7	52.3	73.0	26.7
DLFPS-340/3556	3.3	15.0	7.0	2.7	88.7	44.7	70.0	26.7
NAI-14-122	11.7	26.7	7.0	3.0	83.0	45.3	73.3	26.7
SYRAH (LTP-11-41)	11.7	31.7	5.0	2.7	69.3	48.7	51.7	26.7
YELLOWSTONE (A12-7)	5.0	8.3	7.0	2.7	87.7	42.7	73.0	26.7
J-1138	6.7	11.7	8.7	2.7	91.3	46.0	85.0	25.0
UNITED (NAI-13-14)	11.7	15.0	7.3	2.7	89.0	47.7	70.0	25.0
BAR PP 7K426	8.3	18.3	4.0	2.3	58.7	38.3	43.3	23.3
DLFPS-340/3438	10.0	30.0	7.7	2.3	87.7	42.3	83.3	23.3
ORION (PST-K13-143)	6.7	16.7	7.0	2.0	90.0	43.0	73.3	23.3
AMAZE (NAI-14-133)	13.3	33.3	6.7	2.0	84.7	42.3	73.3	21.7
BLUE DEVIL	6.7	18.3	6.7	2.3	82.7	42.7	66.7	21.7
DLFPS-340/3551	10.0	25.0	5.7	2.3	74.0	43.0	55.0	21.7
NAI-14-132	8.3	33.3	6.7	2.0	75.3	40.3	66.7	21.7
BARSERATI (BAR PP 110358)	6.7	26.7	8.7	2.7	94.7	48.3	93.0	20.0
FINISH LINE (NAI-14-178)	5.0	20.0	5.3	2.0	79.3	43.7	53.3	20.0
BOMBAY (GO-22B23)	6.7	23.3	8.3	2.0	93.0	45.7	90.0	18.3
DLFPS-340/3455	15.0	33.3	6.3	1.7	80.7	42.7	56.7	18.3
JERSEY (NAI-A16-3)	5.0	26.7	3.3	2.0	46.3	44.0	31.7	18.3
A15-6	6.7	20.0	8.0	1.7	88.0	31.0	84.7	16.7
BAR PP 71213	3.3	15.0	3.3	1.3	52.7	27.3	33.3	16.7
NEW MOON (PST-K15-177)	5.0	20.0	6.3	2.0	82.7	40.0	63.3	16.7
NK-1	11.7	33.3	6.0	1.7	83.7	41.0	60.0	16.7

TABLE 25C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/ ANNUAL BLUEGRASS								
NAME	PERCENT COVER OCTOBER 31		UNIFORMITY OCTOBER 5		PERCENT GROUND COVER OCTOBER 7		FULLNESS OF CANOPY OCTOBER 5	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
SKYE	11.7	33.3	8.0	2.0	89.3	42.7	83.3	16.7
A11-38	3.3	18.3	4.7	1.7	60.0	28.7	41.7	15.0
A11-40	6.7	31.7	6.0	1.3	76.7	25.3	60.0	15.0
BAR PP 79494	6.7	16.7	7.7	1.0	89.0	31.0	83.3	15.0
CLOUD (GO-2425)	8.3	26.7	7.0	1.7	88.7	40.3	75.0	15.0
DLFPS-340/3553	11.7	33.3	7.7	1.3	86.0	38.0	80.0	15.0
MIDNIGHT	6.7	18.3	7.7	1.7	90.7	30.0	83.3	15.0
PST-T14-39	6.7	23.3	5.3	1.3	80.3	31.0	58.3	15.0
RAD-1776	5.0	26.7	6.0	2.3	84.7	38.3	58.3	15.0
STARR (GO-2628)	6.7	21.7	8.7	2.0	92.7	40.7	94.7	15.0
A12-34	16.7	23.3	6.3	1.7	74.0	32.7	63.3	13.3
SHADOW HAWK (A16-2)	8.3	36.7	5.0	1.7	74.0	34.0	56.7	13.3
A16-7	11.7	33.3	5.3	1.3	81.0	33.3	56.7	13.3
BLUE KNIGHT	3.3	11.7	6.7	1.3	79.3	31.3	70.0	13.3
HEARTLAND (NAI-14-187)	8.3	26.7	6.7	1.3	81.3	24.0	75.0	13.3
KH3492	10.0	33.3	5.7	1.7	77.7	37.0	55.0	13.3
AVIATOR II (NAI-15-84)	6.7	31.7	4.7	1.3	66.3	41.0	50.0	11.7
BABE	6.7	26.7	5.3	1.3	67.0	37.0	48.3	11.7
DLFPS-340/3364	8.3	40.0	5.3	1.0	72.3	34.0	45.0	11.7
DLFPS-340/3446	10.0	38.3	4.7	1.3	64.7	32.0	45.0	11.7
NAI-15-80	10.0	25.0	5.0	1.3	81.3	27.0	48.3	11.7
A06-8	11.7	28.3	3.7	1.0	48.0	23.7	38.3	10.0
AKB3179	5.0	33.3	5.7	1.3	77.0	23.0	60.0	10.0
AKB3241	10.0	26.7	6.7	1.3	85.0	28.3	65.0	10.0
NURUSH (J-3510)	5.0	11.7	7.3	1.0	85.0	21.3	75.0	10.0
PROSPERITY	5.0	21.7	6.3	1.0	72.7	20.3	71.7	10.0
TWILIGHT (NAI-13-132)	5.0	16.7	7.7	1.0	87.7	23.3	73.3	10.0
AKB3128	10.0	18.3	5.3	1.3	78.7	24.3	50.0	8.3
ELECTRIC (PST-K11-118)	11.7	20.0	6.3	1.3	89.0	23.3	65.0	8.3
J-1319	11.7	21.7	4.3	1.3	56.3	23.3	43.3	8.3
SHAMROCK	10.0	35.0	5.0	1.0	61.0	26.3	48.3	8.3
PALOMA (PST-K13-139)	6.7	28.3	1.7	1.0	25.0	19.0	16.7	6.7
PIVOT	8.3	23.3	8.0	1.0	80.7	22.0	86.7	6.7
PST-11-7	3.3	15.0	9.0	1.3	82.0	19.3	96.0	6.7
A16-1	15.0	30.0	4.0	1.0	67.3	30.7	40.0	5.0
AFTER MIDNIGHT	5.0	28.3	8.3	1.0	86.0	15.0	94.7	5.0
DUBLIN (PST-K15-157)	11.7	45.0	1.7	1.0	16.0	29.7	18.3	5.0
J-2726	3.3	20.0	6.7	1.0	69.0	9.0	66.7	5.0
PPG-KB 1320	11.7	38.3	6.7	1.0	69.0	18.7	73.3	5.0
LSD VALUE	9.6	17.8	2.3	1.7	22.2	23.2	25.4	18.5
C.V. (%)	58.5	43.6	21.1	47.0	16.5	33.5	23.0	52.1

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

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

3/ AFTER 28 PASSES OF THE CADY TRAFFIC SIMULATOR (CTS) AND 28 PASSES OF THE RUTGERS WEAR SIMULATOR (RWS).

TABLE 26.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2018 DATA

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

NAME	% GREEN COVER PRE TRAFFIC	% GREEN COVER POST TRAFFIC	% BARE GROUND POST TRAFFIC	% COVER 2 WEEKS POST TRAFFIC	% BARE 2 WEEKS POST TRAFFIC	QUALITY PRE TRAFFIC	QUALITY MIDTRAFFIC	QUALITY TRAFFIC
BOMBAY (GO-22B23)	99.0	95.0	5.0	97.7	1.7	9.0	9.0	9.0
PIVOT	99.0	97.7	1.7	97.7	1.7	9.0	9.0	9.0
SYRAH (LTP-11-41)	99.0	97.7	1.7	99.0	0.0	9.0	9.0	9.0
BAR PP 7236V	99.0	93.3	6.7	97.7	1.7	9.0	8.7	8.7
DLFPS-340/3455	99.0	97.7	1.7	99.0	0.0	9.0	8.7	8.7
J-1138	99.0	91.7	8.3	95.0	5.0	9.0	8.0	8.7
KENBLUE	99.0	95.0	5.0	97.7	1.7	9.0	8.7	8.7
PPG-KB 1304	99.0	95.0	5.0	97.7	1.7	9.0	8.3	8.7
RAD-1776	99.0	95.0	5.0	95.0	5.0	9.0	8.3	8.7
A11-40	99.0	95.0	5.0	95.0	5.0	8.7	8.0	8.3
BAR PP 71213	99.0	93.3	6.7	93.3	6.7	8.7	7.7	8.3
BAR PP 7K426	99.0	91.7	8.3	96.3	3.3	9.0	8.0	8.3
BARVETTE HGT®	99.0	95.0	5.0	99.0	0.0	8.3	8.3	8.3
DLFPS-340/3438	99.0	94.7	5.0	97.7	1.7	8.7	8.0	8.3
ORION (PST-K13-143)	99.0	93.3	6.7	96.0	3.3	8.7	8.3	8.3
STARR (GO-2628)	99.0	93.3	6.7	97.7	1.7	8.7	8.0	8.3
A13-1	99.0	91.7	8.3	95.0	5.0	8.7	7.7	8.0
ACOUSTIC (PPG-KB 1131)	99.0	91.7	8.3	95.0	5.0	8.7	7.7	8.0
BAR PP 7309V	99.0	93.3	6.7	97.7	1.7	8.3	7.7	8.0
BARSERATI (BAR PP 110358)	99.0	91.7	8.3	94.7	5.0	8.7	8.0	8.0
DLFPS-340/3444	99.0	96.3	3.3	97.7	1.7	8.3	8.0	8.0
PST-11-7	99.0	93.3	6.7	96.3	3.3	8.3	7.7	8.0
SELWAY	99.0	95.0	5.0	96.3	3.3	8.7	8.0	8.0
SHAMROCK	99.0	94.7	5.0	94.7	5.0	8.3	8.0	8.0
SKYE	99.0	95.0	5.0	97.7	1.7	8.3	8.0	8.0
YELLOWSTONE (A12-7)	99.0	93.3	6.7	95.0	5.0	8.7	8.0	8.0
A11-26	99.0	93.3	6.7	96.3	3.3	8.0	7.3	7.7
A11-38	99.0	93.3	6.7	96.3	3.3	8.0	7.7	7.7
CLOUD (GO-2425)	99.0	91.7	8.3	93.3	6.7	8.0	7.3	7.7
DLFPS-340/3494	99.0	91.7	8.3	93.3	6.7	8.3	7.3	7.7
DLFPS-340/3548	99.0	91.7	8.3	93.3	6.7	8.3	7.3	7.7
DLFPS-340/3549	99.0	91.7	8.3	93.3	6.7	8.3	7.3	7.7
ELECTRIC (PST-K11-118)	99.0	90.0	10.0	91.7	8.3	8.3	7.7	7.7
JERSEY (NAI-A16-3)	99.0	93.3	6.7	95.0	5.0	8.3	7.7	7.7
PALOMA (PST-K13-139)	99.0	93.3	6.7	95.0	5.0	8.3	7.3	7.7
PPG-KB 1320	99.0	91.7	8.3	91.7	8.3	8.3	7.3	7.7
RAD 553	99.0	94.7	5.0	96.3	3.3	8.0	7.7	7.7
A10-280	99.0	91.7	8.3	95.0	5.0	8.3	7.3	7.3
A16-1	99.0	91.7	8.3	93.3	6.7	7.7	7.3	7.3
A16-17	99.0	93.3	6.7	95.0	5.0	8.0	7.3	7.3
SHADOW HAWK (A16-2)	99.0	90.0	10.0	93.3	6.7	8.0	7.3	7.3
AFTER MIDNIGHT	99.0	91.7	8.3	95.0	5.0	8.3	7.3	7.3
AKB3128	99.0	91.7	8.3	94.7	5.0	8.3	7.3	7.3
BLUE DEVIL	99.0	93.3	6.7	93.3	6.7	8.3	7.3	7.3
BLUE GEM (NAI-13-9)	99.0	91.7	8.3	93.3	6.7	8.0	7.0	7.3
BLUE MAGIC (A99-2897)	99.0	91.7	8.3	95.0	5.0	8.3	7.3	7.3
DLFPS-340/3500	99.0	93.3	6.7	93.3	6.7	8.0	7.0	7.3

TABLE 26. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								
NAME	% GREEN COVER PRE TRAFFIC	% GREEN COVER POST TRAFFIC	% BARE GROUND POST TRAFFIC	% COVER 2 WEEKS POST TRAFFIC	% BARE 2 WEEKS POST TRAFFIC	QUALITY PRE TRAFFIC	QUALITY MIDTRAFFIC	QUALITY TRAFFIC
DLFPS-340/3553	99.0	95.0	5.0	95.0	5.0	8.0	7.3	7.3
DUBLIN (PST-K15-157)	99.0	90.0	10.0	95.0	5.0	8.3	7.3	7.3
J-2726	99.0	88.3	11.7	91.7	8.3	8.0	7.0	7.3
KH3492	99.0	93.3	6.7	95.0	5.0	8.0	7.3	7.3
NEW MOON (PST-K15-177)	99.0	91.7	8.3	93.3	6.7	8.0	7.0	7.3
PST-K15-172	99.0	93.3	6.7	93.3	6.7	8.3	7.3	7.3
PST-T14-39	99.0	95.0	5.0	95.0	5.0	8.3	7.3	7.3
TWILIGHT (NAI-13-132)	99.0	90.0	10.0	93.3	6.7	8.3	7.3	7.3
A15-6	99.0	90.0	10.0	93.3	6.7	7.7	6.7	7.0
A16-7	94.3	81.7	18.3	87.3	12.7	7.7	7.0	7.0
AKB3179	99.0	91.7	8.3	93.3	6.7	8.0	7.0	7.0
AVIATOR II (NAI-15-84)	99.0	90.0	10.0	93.3	6.7	8.0	7.0	7.0
BABE	99.0	91.7	8.3	94.7	5.0	8.0	7.0	7.0
BAR PP 79366	99.0	91.7	8.3	93.3	6.7	8.0	7.0	7.0
DLFPS-340/3446	99.0	91.7	8.3	93.3	6.7	7.7	7.0	7.0
DLFPS-340/3552	99.0	91.7	8.3	93.3	6.7	8.0	7.0	7.0
FINISH LINE (NAI-14-178)	99.0	88.3	11.7	90.0	10.0	8.0	7.0	7.0
J-1319	99.0	91.7	8.3	95.0	5.0	7.7	7.0	7.0
MIDNIGHT	99.0	91.7	8.3	95.0	5.0	8.0	7.0	7.0
NAI-14-122	99.0	88.3	11.7	93.3	6.7	8.0	7.0	7.0
NAI-14-132	99.0	90.0	10.0	91.7	8.3	8.0	7.0	7.0
NAI-15-80	99.0	90.0	10.0	95.0	5.0	8.0	7.0	7.0
NURUSH (J-3510)	99.0	91.7	8.3	91.7	8.3	7.7	6.7	7.0
PST-K15-167	99.0	90.0	10.0	95.0	5.0	8.0	7.0	7.0
AKB3241	99.0	90.0	10.0	91.7	8.3	7.7	6.7	6.7
AMAZE (NAI-14-133)	99.0	90.0	10.0	93.3	6.7	7.7	6.7	6.7
BLUE KNIGHT	99.0	88.3	11.7	91.7	8.3	7.3	6.3	6.7
COMANCHE (NAI-14-176)	99.0	86.7	13.3	90.0	10.0	7.7	6.7	6.7
DLFPS-340/3364	99.0	90.0	10.0	93.3	6.7	7.7	6.7	6.7
MVS-130	99.0	88.3	11.7	91.7	8.3	7.7	6.3	6.7
NAI-14-128	96.0	83.3	16.7	88.3	11.7	7.7	6.7	6.7
NK-1	99.0	90.0	10.0	95.0	5.0	7.3	6.7	6.7
PROSPERITY	99.0	90.0	10.0	91.7	8.3	7.7	6.7	6.7
UNITED (NAI-13-14)	99.0	88.3	11.7	91.7	8.3	7.7	6.7	6.7
A06-8	92.7	81.7	18.3	86.7	13.3	7.0	6.3	6.3
A12-34	99.0	90.0	10.0	93.3	6.7	7.3	6.3	6.3
BAR PP 79494	99.0	86.7	13.3	91.7	8.3	7.3	6.3	6.3
DLFPS-340/3550	99.0	88.3	11.7	93.3	6.7	7.3	6.3	6.3
DLFPS-340/3551	97.7	88.3	11.7	90.0	10.0	7.3	6.3	6.3
DLFPS-340/3556	97.7	85.0	15.0	90.7	9.3	7.0	6.3	6.3
HEARTLAND (NAI-14-187)	99.0	90.0	10.0	93.3	6.7	7.3	6.3	6.3
SUPER MOON (PST-K13-141)	96.0	85.0	15.0	88.3	11.7	7.3	6.3	6.3
LSD VALUE	6.9	6.9	7.0	6.9	6.8	2.4	1.7	2.0
C.V. (%)	1.7	3.9	43.0	3.4	57.8	9.6	11.4	12.3

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 26.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2019 DATA

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

NAME	MAY	JUN	JUL	AUG	MEAN	QUALITY PRE TRAFFIC	% GREEN COVER PRE TRAFFIC	% BARE GROUND PRE TRAFFIC	QUALITY MIDTRAFFIC	% GREEN COVER POST TRAFFIC	% BARE GROUND POST TRAFFIC	QUALITY POST TRAFFIC	% COVER 2 WEEKS POST TRAFFIC	% GROUND 2 WEEKS POST TRAFFIC	QUALITY 2 WEEKS POST TRAFFIC
AKB3179	7.0	6.0	6.0	5.0	6.0	5.0	91.7	8.3	5.7	85.0	15.0	5.7	85.0	15.0	7.3
BARSERATI (BAR PP 110358)	6.0	6.3	5.3	5.3	5.8	5.3	93.0	6.7	6.0	86.3	13.3	6.0	86.3	13.3	7.3
HEARTLAND (NAI-14-187)	5.7	5.7	4.0	4.3	4.9	4.3	91.3	8.3	6.0	84.7	15.0	5.7	84.7	15.0	7.3
YELLOWSTONE (A12-7)	6.7	6.3	5.0	5.3	5.8	5.3	90.0	10.0	5.3	83.3	16.7	5.7	83.3	16.7	7.3
A11-26	7.7	6.3	5.7	5.7	6.3	5.7	91.3	8.3	5.3	84.7	15.0	5.3	84.7	15.0	7.0
BAR PP 7236V	8.0	5.7	5.0	5.0	5.9	5.0	90.0	10.0	5.3	81.7	18.3	5.3	81.7	18.3	7.0
BLUE GEM (NAI-13-9)	8.3	5.3	4.3	3.7	5.4	3.7	90.0	10.0	5.0	81.7	18.3	5.3	81.7	18.3	7.0
DLFPS-340/3500	7.3	6.0	4.7	5.3	5.8	5.3	91.3	8.3	5.7	84.7	15.0	5.7	84.7	15.0	7.0
J-1138	7.0	6.0	5.3	5.0	5.8	5.0	91.7	8.3	5.7	83.3	16.7	6.0	83.3	16.7	7.0
KH3492	6.7	6.0	5.7	5.0	5.8	5.0	91.3	8.3	6.0	86.3	13.3	6.0	84.7	15.0	7.0
PIVOT	6.7	6.0	5.7	5.3	5.9	5.3	90.0	10.0	5.0	80.0	20.0	5.3	80.0	20.0	7.0
PPG-KB 1320	8.0	6.0	5.3	5.0	6.1	5.0	91.3	8.3	5.7	86.3	13.3	5.7	86.3	13.3	7.0
RAD-1776	8.7	6.0	5.0	4.3	6.0	4.3	91.3	8.3	5.7	84.7	15.0	5.3	84.7	15.0	7.0
A06-8	7.0	6.0	5.0	4.7	5.7	4.7	91.3	8.3	5.3	83.0	16.7	5.3	83.0	16.7	6.7
A10-280	5.7	5.7	5.3	5.0	5.4	5.0	90.0	10.0	5.0	81.7	18.3	5.3	81.7	18.3	6.7
A11-38	8.0	6.0	5.0	5.7	6.2	5.7	88.3	11.7	5.0	80.0	20.0	5.3	80.0	20.0	6.7
A11-40	8.3	6.0	5.3	6.7	6.6	6.7	90.0	10.0	5.0	83.3	16.7	5.7	81.7	18.3	6.7
A13-1	5.7	5.7	5.0	4.7	5.3	4.7	90.0	10.0	5.0	83.3	16.7	5.3	83.3	16.7	6.7
A15-6	6.7	5.3	5.0	4.0	5.3	4.0	88.3	11.7	4.0	80.0	20.0	4.7	80.0	20.0	6.7
BLUE MAGIC (A99-2897)	7.7	6.3	5.7	6.3	6.5	6.3	90.0	10.0	4.7	83.3	16.7	5.3	83.3	16.7	6.7
AFTER MIDNIGHT	8.0	6.0	6.3	4.3	6.2	4.3	88.3	11.7	4.7	81.7	18.3	5.7	80.0	20.0	6.7
AKB3241	8.0	6.0	6.3	4.3	6.2	4.3	88.3	11.7	4.3	81.7	18.3	5.0	81.7	18.3	6.7
BABE	7.3	5.7	5.3	4.0	5.6	4.0	90.0	10.0	5.3	81.7	18.3	5.7	80.0	20.0	6.7
BAR PP 79366	6.7	5.7	5.7	4.0	5.5	4.0	90.0	10.0	5.0	81.7	18.3	5.0	81.7	18.3	6.7
BAR PP 79494	8.3	6.0	5.7	4.3	6.1	4.3	88.3	11.7	5.3	80.0	20.0	5.3	80.0	20.0	6.7
BLUE KNIGHT	8.0	5.7	5.0	4.7	5.8	4.7	90.0	10.0	4.7	83.3	16.7	4.7	83.3	16.7	6.7
BOMBAY (GO-22B23)	8.0	5.7	4.3	5.3	5.8	5.3	88.3	11.7	5.0	80.0	20.0	5.3	80.0	20.0	6.7
COMANCHE (NAI-14-176)	6.0	5.3	5.0	4.0	5.1	4.0	86.7	13.3	4.7	78.3	21.7	4.7	78.3	21.7	6.7
DLFPS-340/3364	7.7	6.7	6.3	5.3	6.5	5.3	91.3	8.3	5.3	84.7	15.0	5.7	83.0	16.7	6.7
DLFPS-340/3444	7.0	5.3	5.3	4.7	5.6	4.7	91.3	8.3	5.0	84.7	15.0	5.3	83.0	16.7	6.7
DLFPS-340/3494	6.7	5.7	5.3	4.7	5.6	4.7	91.3	8.3	5.3	84.7	15.0	5.3	83.0	16.7	6.7
DLFPS-340/3548	8.0	6.3	5.7	5.7	6.4	5.7	93.0	6.7	5.3	83.3	16.7	5.3	83.3	16.7	6.7
DLFPS-340/3549	7.0	6.3	6.0	5.7	6.3	5.7	90.0	10.0	5.0	81.7	18.3	5.0	81.7	18.3	6.7
NURUSH (J-3510)	8.3	6.0	6.3	5.3	6.5	5.3	88.3	11.7	4.3	81.7	18.3	5.0	81.7	18.3	6.7
JERSEY (NAI-A16-3)	6.3	6.0	4.7	5.3	5.6	5.3	91.3	8.3	6.0	84.7	15.0	5.7	83.0	16.7	6.7
KENBLUE	8.7	5.3	4.3	4.0	5.6	4.0	91.3	8.3	5.7	86.3	13.3	5.3	84.7	15.0	6.7
SYRAH (LTP-11-41)	7.0	6.0	5.7	4.3	5.8	4.3	90.0	10.0	5.0	83.3	16.7	5.3	83.3	16.7	6.7
TWILIGHT (NAI-13-132)	7.3	5.7	5.3	4.3	5.7	4.3	88.3	11.7	5.0	80.0	20.0	5.0	78.3	21.7	6.7
NAI-14-122	7.0	6.0	5.0	6.3	6.1	6.3	90.0	10.0	5.0	81.7	18.3	5.3	81.7	18.3	6.7
NEW MOON (PST-K15-177)	7.0	6.0	5.0	4.7	5.7	4.7	91.3	8.3	5.0	84.7	15.0	5.3	83.0	16.7	6.7
NK-1	7.0	5.7	6.0	5.0	5.9	5.0	88.3	11.7	5.0	81.7	18.3	5.3	80.0	20.0	6.7
ORION (PST-K13-143)	6.7	6.0	6.7	5.0	6.1	5.0	88.3	11.7	4.3	80.0	20.0	4.7	80.0	20.0	6.7
ACOUSTIC (PPG-KB 1131)	5.0	5.0	5.0	3.7	4.7	3.7	88.3	11.7	4.3	80.0	20.0	4.7	81.7	18.3	6.7
ELECTRIC (PST-K11-118)	8.0	5.3	5.0	4.0	5.6	4.0	88.3	11.7	4.0	80.0	20.0	4.7	80.0	20.0	6.7
PST-K15-167	7.3	5.3	5.0	5.0	5.7	5.0	88.3	11.7	4.7	80.0	20.0	5.0	80.0	20.0	6.7
PST-K15-172	7.0	5.7	5.3	4.3	5.6	4.3	90.0	10.0	5.0	81.7	18.3	5.0	80.0	20.0	6.7
RAD 553	8.3	6.0	5.7	6.0	6.5	6.0	90.0	10.0	5.0	81.7	18.3	5.3	81.7	18.3	6.7
SKYE	8.0	6.0	6.3	5.0	6.3	5.0	88.3	11.7	4.3	80.0	20.0	5.0	81.7	18.3	6.7

TABLE 26.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2019 DATA

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

NAME	MAY	JUN	JUL	AUG	MEAN	QUALITY PRE TRAFFIC	% GREEN COVER PRE TRAFFIC	% BARE GROUND PRE TRAFFIC	QUALITY MID TRAFFIC	% GREEN COVER POST TRAFFIC	% BARE GROUND POST TRAFFIC	QUALITY POST TRAFFIC	% COVER 2 WEEKS POST TRAFFIC	% GROUND 2 WEEKS POST TRAFFIC	QUALITY 2 WEEKS POST TRAFFIC
NAI-14-132	7.0	5.7	5.7	4.7	5.8	4.7	88.3	11.7	4.7	80.0	20.0	5.0	80.0	20.0	6.7
A12-34	7.3	5.3	5.0	3.3	5.3	3.3	88.3	11.7	4.7	80.0	20.0	4.7	78.3	21.7	6.3
SHADOW HAWK (A16-2)	6.0	5.3	5.7	4.3	5.3	4.3	86.7	13.3	4.3	78.3	21.7	4.7	78.3	21.7	6.3
AKB3128	5.7	5.7	4.7	4.7	5.2	4.7	88.3	11.7	5.0	81.7	18.3	5.0	81.7	18.3	6.3
AMAZE (NAI-14-133)	7.3	5.7	5.3	5.0	5.8	5.0	88.3	11.7	4.3	80.0	20.0	4.7	80.0	20.0	6.3
AVIATOR II (NAI-15-84)	6.7	5.3	4.7	5.0	5.4	5.0	88.3	11.7	5.0	80.0	20.0	5.0	80.0	20.0	6.3
BAR PP 71213	8.3	5.7	6.3	5.0	6.3	5.0	90.0	10.0	4.7	83.3	16.7	5.3	81.7	18.3	6.3
BAR PP 7309V	7.7	6.0	5.7	6.0	6.3	6.0	88.3	11.7	5.0	81.7	18.3	5.3	80.0	20.0	6.3
BARVETTE HGT®	8.3	5.7	5.3	5.3	6.2	5.3	88.3	11.7	5.0	80.0	20.0	5.3	78.3	21.7	6.3
BLUE DEVIL	7.0	5.3	5.3	4.7	5.6	4.7	90.0	10.0	5.0	81.7	18.3	5.0	80.0	20.0	6.3
CLOUD (GO-2425)	7.3	6.0	6.0	4.0	5.8	4.0	90.0	10.0	4.7	81.7	18.3	5.0	80.0	20.0	6.3
DLFPS-340/3438	7.0	5.7	5.0	5.0	5.7	5.0	88.3	11.7	4.3	80.0	20.0	4.7	80.0	20.0	6.3
DLFPS-340/3446	7.7	5.3	5.3	4.7	5.8	4.7	90.0	10.0	4.7	81.7	18.3	5.0	81.7	18.3	6.3
DLFPS-340/3455	8.0	5.0	5.0	4.3	5.6	4.3	88.3	11.7	4.0	80.0	20.0	4.7	80.0	20.0	6.3
DLFPS-340/3553	7.3	5.7	5.3	4.7	5.8	4.7	88.3	11.7	4.7	80.0	20.0	4.7	78.3	21.7	6.3
DLFPS-340/3556	6.0	5.7	5.0	4.7	5.3	4.7	88.3	11.7	4.7	80.0	20.0	4.7	78.3	21.7	6.3
FINISH LINE (NAI-14-178)	7.0	6.0	5.3	5.0	5.8	5.0	91.3	8.3	5.3	84.7	15.0	6.0	83.0	16.7	6.3
J-1319	7.7	6.0	6.0	4.7	6.1	4.7	90.0	10.0	5.0	83.3	16.7	5.7	81.7	18.3	6.3
J-2726	6.7	6.0	6.0	5.3	6.0	5.3	90.0	10.0	5.3	83.3	16.7	5.3	81.7	18.3	6.3
MVS-130	6.3	5.7	5.3	6.3	5.9	6.3	91.7	8.3	5.0	83.3	16.7	5.7	83.3	16.7	6.3
PPG-KB 1304	6.7	5.3	6.0	4.3	5.6	4.3	90.0	10.0	4.7	81.7	18.3	5.3	80.0	20.0	6.3
PROSPERITY	6.3	6.0	5.3	4.7	5.6	4.7	91.7	8.3	5.0	83.3	16.7	5.0	81.7	18.3	6.3
DUBLIN (PST-K15-157)	6.3	5.7	6.0	4.3	5.6	4.3	88.3	11.7	4.3	80.0	20.0	4.3	78.3	21.7	6.3
PST-T14-39	6.3	5.3	4.7	4.7	5.3	4.7	85.0	15.0	4.7	76.7	23.3	5.0	76.7	23.3	6.3
STARR (GO-2628)	8.3	5.7	6.3	5.0	6.3	5.0	90.0	10.0	5.0	81.7	18.3	5.0	80.0	20.0	6.3
A16-1	6.7	5.3	5.0	5.0	5.5	5.0	88.3	11.7	4.7	80.0	20.0	5.0	78.3	21.7	6.0
A16-17	6.0	5.3	4.7	5.7	5.4	5.7	83.3	16.7	5.0	75.0	25.0	5.0	75.0	25.0	6.0
A16-7	7.3	5.7	6.0	4.7	5.9	4.7	88.3	11.7	4.7	80.0	20.0	5.0	80.0	20.0	6.0
BAR PP 7K426	6.3	5.7	5.3	5.7	5.8	5.7	88.3	11.7	4.7	80.0	20.0	5.0	80.0	20.0	6.0
MIDNIGHT	5.7	5.0	5.3	3.3	4.8	3.3	88.3	11.7	4.3	80.0	20.0	4.3	78.3	21.7	6.0
NAI-14-128	5.7	5.3	6.0	4.0	5.3	4.0	88.3	11.7	4.3	78.3	21.7	4.7	78.3	21.7	6.0
PALOMA (PST-K13-139)	7.3	5.3	4.7	4.7	5.5	4.7	88.3	11.7	5.0	80.0	20.0	5.0	78.3	21.7	6.0
PST-11-7	8.7	6.3	6.3	5.7	6.8	5.7	88.3	11.7	4.0	80.0	20.0	5.0	78.3	21.7	6.0
SELWAY	8.7	6.0	5.7	5.0	6.3	5.0	88.3	11.7	4.7	80.0	20.0	5.0	78.3	21.7	6.0
SHAMROCK	7.3	5.7	4.7	5.0	5.7	5.0	86.7	13.3	5.3	78.3	21.7	4.7	78.3	21.7	6.0
DLFPS-340/3550	7.0	5.0	5.7	3.7	5.3	3.7	86.7	13.3	4.3	78.3	21.7	4.7	76.7	23.3	5.7
DLFPS-340/3551	8.0	5.3	5.0	4.7	5.8	4.7	86.7	13.3	4.3	78.3	21.7	4.7	75.0	25.0	5.7
DLFPS-340/3552	7.0	5.7	5.7	5.0	5.8	5.0	83.3	16.7	4.3	75.0	25.0	4.7	75.0	25.0	5.7
NAI-15-80	5.0	5.7	5.3	5.0	5.3	5.0	90.0	10.0	4.7	81.7	18.3	5.0	78.3	21.7	5.7
SUPER MOON (PST-K13-141)	7.0	5.0	4.7	3.7	5.1	3.7	86.7	13.3	4.3	78.3	21.7	4.3	75.0	25.0	5.7
UNITED (NAI-13-14)	7.3	5.0	5.3	4.0	5.4	4.0	83.3	16.7	4.3	76.7	23.3	4.7	75.0	25.0	5.7
LSD VALUE	4.5	3.0	4.7	3.7	3.2	3.7	12.6	13.0	3.8	14.8	15.5	2.8	17.6	18.3	2.1
C.V. (%)	19.1	11.5	18.6	22.4	12.8	22.4	3.6	31.0	17.4	4.9	22.4	13.3	5.4	23.5	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 26.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2020 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/															
NAME	QUALITY RATINGS					QUALITY PRE-TRAF	%GREEN COV PRE-TRAF	%BARE PRE-TRAF	QUALITY MID-TRAFF	%GREEN COV POST TRAF	%BARE POST TRAF	QUALITY POST TRAF	%GREEN COV 2 WEEKS	%BARE POST	QUALITY TRAFFIC
	MAY	JUN	JUL	AUG	MEAN										
STARR (GO-2628)	7.3	9.0	8.7	7.7	8.1	7.7	83.3	16.7	5.0	83.3	16.7	8.3	88.3	11.7	9.0
A11-26	7.3	9.0	5.7	6.3	7.1	6.3	83.3	16.7	5.3	83.3	16.7	8.3	88.0	11.7	8.7
PPG-KB 1304	7.0	9.0	9.0	8.0	8.4	8.0	93.0	6.7	4.7	93.0	6.7	9.0	91.3	8.3	8.7
SKYE	7.7	8.7	6.3	7.3	7.5	7.3	89.7	10.0	4.3	89.7	10.0	8.7	88.3	11.7	8.7
BARSERATI (BAR PP 110358)	7.3	9.0	7.7	6.3	7.5	6.3	86.7	13.3	6.0	86.7	13.3	8.7	85.0	15.0	8.3
BARVETTE HGT®	7.0	8.7	5.7	8.3	7.7	8.3	96.0	3.3	5.0	96.0	3.3	9.0	89.3	10.0	8.3
BOMBAY (GO-22B23)	7.3	9.0	7.0	8.0	7.9	8.0	76.7	23.3	5.0	76.7	23.3	7.7	88.3	11.7	8.3
DLFPS-340/3455	7.3	8.7	8.3	7.3	7.7	7.3	73.3	26.7	4.0	73.3	26.7	7.3	80.0	20.0	8.3
SHAMROCK	7.7	8.3	7.3	6.3	7.2	6.3	73.3	26.7	5.3	66.7	33.3	6.7	83.3	16.7	8.3
SYRAH (LTP-11-41)	7.0	8.3	7.0	6.3	6.9	6.3	86.7	13.3	5.0	86.7	13.3	8.7	85.0	15.0	8.3
A13-1	8.3	8.7	5.0	5.3	6.6	5.3	70.0	30.0	5.0	76.7	23.3	7.7	78.3	21.7	8.0
A15-6	7.3	9.0	5.7	5.3	6.9	5.3	71.7	28.3	4.0	70.0	30.0	7.0	81.7	18.3	8.0
A16-1	7.3	8.3	7.7	6.0	6.9	6.0	80.0	20.0	4.7	73.3	26.7	7.3	80.0	20.0	8.0
BAR PP 79366	6.3	7.3	3.3	4.0	5.2	4.0	58.3	41.7	5.0	43.3	56.7	4.3	78.3	21.7	8.0
SHADOW HAWK (A16-2)	7.3	8.7	6.3	6.3	7.2	6.3	83.3	16.7	4.3	73.3	26.7	7.3	84.7	15.0	7.7
AKB3128	8.3	8.0	5.7	5.0	6.7	5.0	70.0	30.0	5.0	66.7	33.3	6.7	75.0	25.0	7.7
BAR PP 79494	7.0	8.3	6.3	5.0	6.6	5.0	65.0	35.0	5.3	53.3	46.7	5.3	76.7	23.3	7.7
BLUE GEM (NAI-13-9)	7.7	8.7	5.7	4.3	6.1	4.3	66.7	33.3	5.0	66.7	33.3	6.7	78.3	21.7	7.7
J-1138	8.0	9.0	6.0	6.3	7.1	6.3	66.7	33.3	5.7	70.0	30.0	7.0	81.7	18.3	7.7
RAD-1776	7.7	9.0	8.0	6.7	7.5	6.7	80.0	20.0	5.7	80.0	20.0	8.0	76.7	23.3	7.7
BAR PP 7K426	6.7	8.0	5.7	5.3	6.3	5.3	66.7	33.3	4.7	60.0	40.0	6.0	73.3	26.7	7.3
DLFPS-340/3549	6.7	8.7	6.3	4.3	6.1	4.3	75.0	25.0	5.0	73.3	26.7	7.3	73.3	26.7	7.3
DLFPS-340/3552	7.7	7.7	3.7	4.0	5.5	4.0	66.7	33.3	4.3	66.7	33.3	6.7	75.0	25.0	7.3
KH3492	6.7	8.3	5.7	6.7	7.0	6.7	76.7	23.3	6.0	76.7	23.3	7.7	75.0	25.0	7.3
ACOUSTIC (PPG-KB 1131)	6.0	8.3	6.0	5.7	6.5	5.7	73.3	26.7	4.3	73.3	26.7	7.3	79.7	20.0	7.3
TWILIGHT (NAI-13-132)	7.7	8.7	6.3	6.3	7.0	6.3	65.0	35.0	5.0	63.3	36.7	6.3	71.7	28.3	7.3
AKB3179	6.7	7.7	4.0	4.7	5.5	4.7	55.0	45.0	5.7	46.7	53.3	4.7	70.0	30.0	7.0
BABE	7.0	8.3	6.0	5.3	6.3	5.3	71.7	28.3	5.3	70.0	30.0	7.0	70.0	30.0	7.0
BAR PP 7309V	7.0	7.7	5.3	5.3	6.1	5.3	66.7	33.3	5.0	66.7	33.3	6.7	70.0	30.0	7.0
ELECTRIC (PST-K11-118)	7.0	9.0	8.0	6.3	7.1	6.3	66.7	33.3	4.0	70.0	30.0	7.0	71.7	28.3	7.0
KENBLUE	6.7	7.0	7.0	6.0	6.5	6.0	60.0	40.0	5.7	66.7	33.3	6.7	70.0	30.0	7.0
NURUSH (J-3510)	6.7	7.3	4.3	4.3	5.3	4.3	58.3	41.7	4.3	53.3	46.7	5.3	70.0	30.0	7.0
UNITED (NAI-13-14)	7.3	8.3	5.0	5.0	6.0	5.0	63.3	36.7	4.3	66.7	33.3	6.7	68.3	31.7	7.0
A10-280	8.7	8.3	5.0	5.7	6.8	5.7	66.7	33.3	5.0	56.7	63.3	5.7	68.3	31.7	6.7
A16-17	8.0	8.7	7.7	4.0	6.7	4.0	58.3	41.7	5.0	56.7	43.3	5.7	63.3	36.7	6.7
AVIATOR II (NAI-15-84)	7.3	7.7	5.3	5.0	5.9	5.0	53.3	46.7	5.0	36.7	63.3	3.7	65.0	35.0	6.7
MIDNIGHT	7.7	8.7	6.7	6.0	6.6	6.0	56.7	43.3	4.3	43.3	56.7	4.3	63.3	36.7	6.7
ORION (PST-K13-143)	6.7	8.0	6.7	6.3	6.5	6.3	60.0	40.0	4.3	66.7	23.3	6.7	65.0	35.0	6.7
PROSPERITY	6.7	8.0	4.7	4.7	5.9	4.7	71.7	28.3	5.0	63.3	36.7	6.3	66.7	33.3	6.7
SELWAY	7.7	8.0	7.3	4.7	6.3	4.7	71.7	28.3	4.7	63.3	36.7	6.3	65.0	35.0	6.7
A06-8	7.3	8.0	5.7	5.3	6.5	5.3	71.7	28.3	5.3	70.0	30.0	7.0	63.3	36.7	6.3
BAR PP 7236V	7.7	8.3	7.0	6.7	7.3	6.7	68.3	31.7	5.3	63.3	36.7	6.3	66.3	33.3	6.3
DLFPS-340/3550	7.7	8.3	6.0	5.3	6.3	5.3	60.0	40.0	4.3	56.7	43.3	5.7	68.3	31.7	6.3
NAI-15-80	8.0	7.3	4.3	3.3	5.3	3.3	43.3	56.7	4.7	36.7	63.3	3.7	63.3	36.7	6.3
PALOMA (PST-K13-139)	7.3	7.7	6.0	4.3	5.8	4.3	56.7	43.3	5.0	53.3	36.7	5.3	63.3	36.7	6.3
A11-40	7.0	8.3	8.3	7.0	7.5	7.0	66.7	33.3	5.0	56.7	43.3	5.7	60.0	40.0	6.0
BLUE MAGIC (A99-2897)	8.0	8.0	5.0	4.3	6.5	4.3	66.7	33.3	4.7	76.7	23.3	7.7	60.0	40.0	6.0
BLUE KNIGHT	6.3	6.3	3.3	3.7	4.7	3.7	46.7	53.3	4.7	53.3	46.7	5.3	56.7	43.3	6.0
DLFPS-340/3438	6.3	8.0	5.7	3.7	5.5	3.7	51.7	48.3	4.3	43.3	56.7	4.3	63.0	36.7	6.0
DLFPS-340/3444	6.3	8.3	6.0	5.3	6.3	5.3	63.3	36.7	5.0	53.3	46.7	5.3	58.3	41.7	6.0

TABLE 26.
(CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2020 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/															
NAME	MAY	QUALITY JUN	RATINGS JUL	AUG	MEAN	QUALITY PRE-TRAF	%GREEN COV PRE-TRAF	%BARE PRE-TRAF	QUALITY MID-TRAFF	%GREEN COV POST TRAF	%BARE POST TRAF	QUALITY POST TRAF	%GREEN COV 2 WEEKS POST	%BARE 2 WEEKS POST	QUALITY TRAFFIC
FINISH LINE (NAI-14-178)	7.0	8.3	5.3	5.7	6.5	5.7	61.7	38.3	5.3	56.7	43.3	5.7	60.0	40.0	6.0
NAI-14-122	6.7	9.0	6.7	5.3	6.5	5.3	61.7	38.3	5.0	70.0	30.0	7.0	60.0	40.0	6.0
NAI-14-132	6.0	7.3	5.3	3.3	5.1	3.3	43.3	56.7	4.7	50.0	50.0	5.0	60.0	40.0	6.0
NK-1	7.0	7.7	4.3	3.7	5.2	3.7	46.7	53.3	5.0	36.7	63.3	3.7	60.0	40.0	6.0
BLUE DEVIL	7.3	8.3	6.3	5.7	6.5	5.7	58.3	41.7	5.0	60.0	40.0	6.0	61.7	38.3	5.7
DLFPS-340/3500	8.3	8.7	4.0	5.0	6.3	5.0	61.7	38.3	5.7	56.7	36.7	5.7	56.7	43.3	5.7
DLFPS-340/3553	6.7	8.7	7.3	5.3	6.8	5.3	61.7	38.3	4.7	73.3	26.7	7.3	59.7	40.0	5.7
J-1319	7.3	7.7	5.3	4.0	5.6	4.0	46.7	53.3	5.0	33.3	66.7	3.3	56.7	43.3	5.7
MVS-130	6.3	8.7	7.3	5.0	6.3	5.0	56.7	43.3	5.0	50.0	50.0	5.0	56.7	43.3	5.7
PST-11-7	6.7	7.7	5.0	4.7	5.6	4.7	50.0	50.0	4.0	53.3	46.7	5.3	61.7	38.3	5.7
PST-T14-39	5.7	7.7	5.3	4.3	5.2	4.3	51.7	48.3	4.7	46.7	53.3	4.7	56.7	43.3	5.7
AFTER MIDNIGHT	7.7	9.0	6.0	4.7	6.2	4.7	48.3	51.7	4.7	53.3	46.7	5.3	53.3	46.7	5.3
JERSEY (NAI-A16-3)	7.7	9.0	5.3	4.3	6.1	4.3	46.7	53.3	6.0	46.7	53.3	4.7	53.3	46.7	5.3
YELLOWSTONE (A12-7)	7.0	7.7	4.3	4.7	5.9	4.7	53.3	46.7	5.3	56.7	43.3	5.7	53.3	46.7	5.3
A16-7	8.0	7.7	4.3	4.3	5.5	4.3	43.3	56.7	4.7	43.3	56.7	4.3	50.0	50.0	5.0
AMAZE (NAI-14-133)	7.0	8.0	4.7	3.7	5.4	3.7	43.3	56.7	4.3	36.7	63.3	3.7	50.0	50.0	5.0
DLFPS-340/3548	6.3	8.0	6.7	4.0	5.7	4.0	43.3	56.7	5.3	43.3	56.7	4.3	48.3	51.7	5.0
DLFPS-340/3551	8.0	8.7	3.7	3.7	5.6	3.7	45.0	55.0	4.3	43.3	56.7	4.3	50.0	50.0	5.0
PST-K15-167	7.3	7.7	5.0	4.3	5.6	4.3	45.0	55.0	4.7	43.3	56.7	4.3	50.0	50.0	5.0
AKB3241	7.7	7.3	5.3	5.7	6.5	5.7	58.3	41.7	4.3	43.3	56.7	4.3	46.7	53.3	4.7
COMANCHE (NAI-14-176)	8.0	8.3	5.3	4.0	5.9	4.0	43.3	56.7	4.7	43.3	56.7	4.3	46.7	53.3	4.7
SUPER MOON (PST-K13-141)	7.0	8.7	4.3	3.7	5.5	3.7	53.3	46.7	4.3	60.0	40.0	6.0	46.7	53.3	4.7
CLOUD (GO-2425)	7.7	8.3	6.7	6.7	7.1	6.7	75.0	25.0	4.7	83.3	16.7	8.3	48.3	51.7	4.3
DLFPS-340/3364	7.7	7.7	3.7	3.3	5.2	3.3	38.3	61.7	5.3	43.3	56.7	4.3	41.7	58.3	4.3
DLFPS-340/3446	7.0	7.7	5.3	4.0	5.5	4.0	41.7	58.3	4.7	40.0	60.0	4.0	43.3	56.7	4.3
DLFPS-340/3556	7.0	8.0	3.3	3.3	4.9	3.3	43.3	56.7	4.7	40.0	60.0	4.0	43.3	56.7	4.3
PIVOT	7.7	8.3	6.3	5.0	6.5	5.0	48.3	51.7	5.0	23.3	76.7	2.3	43.3	56.7	4.3
BAR PP 71213	7.0	8.0	3.7	3.3	5.0	3.3	36.7	63.3	4.7	40.0	60.0	4.0	40.0	60.0	4.0
DUBLIN (PST-K15-157)	7.3	9.0	5.0	3.7	5.7	3.7	56.7	43.3	4.3	53.3	46.7	5.3	40.0	60.0	4.0
HEARTLAND (NAI-14-187)	7.3	8.3	6.3	4.3	6.3	4.3	56.7	43.3	6.0	50.0	50.0	5.0	40.0	60.0	4.0
J-2726	6.7	6.3	3.7	4.0	4.9	4.0	41.7	58.3	5.3	40.0	60.0	4.0	40.0	60.0	4.0
NEW MOON (PST-K15-177)	7.0	7.0	3.7	3.7	4.8	3.7	43.3	56.7	5.0	40.0	60.0	4.0	40.0	60.0	4.0
PST-K15-172	7.0	7.3	3.7	3.3	5.0	3.3	38.3	61.7	5.0	36.7	63.3	3.7	40.0	60.0	4.0
RAD 553	7.3	7.0	5.0	4.3	5.9	4.3	50.0	50.0	5.0	43.3	56.7	4.3	40.0	60.0	4.0
A12-34	7.7	7.7	4.0	3.7	5.3	3.7	36.7	63.3	4.7	40.0	60.0	4.0	36.7	63.3	3.7
NAI-14-128	7.7	7.3	5.7	4.0	5.5	4.0	38.3	61.7	4.3	43.3	56.7	4.3	36.7	63.3	3.7
A11-38	7.0	6.7	3.7	3.7	5.2	3.7	41.7	58.3	5.0	46.7	53.3	4.7	33.3	66.7	3.3
DLFPS-340/3494	7.3	6.7	4.0	3.3	4.9	3.3	31.7	68.3	5.3	23.3	76.7	2.3	23.3	76.7	2.3
PPG-KB 1320	7.0	8.3	4.0	3.7	5.2	3.7	30.0	70.0	5.7	20.0	80.0	2.0	13.3	85.0	1.3
LSD VALUE	5.3	3.1	2.4	2.2	1.5	2.2	35.5	35.4	3.8	41.2	39.7	4.2	50.0	52.4	4.7
C.V. (%)	14.8	12.3	24.2	25.3	14.0	25.3	29.8	44.3	17.4	35.2	47.3	35.2	35.2	58.1	33.9

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 COLU

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2018-2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
BAR PP 7309V	6.3	5.8	5.2	6.1	5.5	5.5	5.8	5.8	5.7	5.5	5.7
DLFPS-340/3494	7.0	6.3	5.1	5.5	5.7	5.8	5.9	6.3	5.9	5.6	5.7
A06-8	6.3	5.3	5.2	5.2	5.4	5.6	5.6	6.2	5.5	5.3	5.5
DLFPS-340/3455	6.1	5.7	5.2	5.6	5.4	5.6	5.7	5.7	5.4	5.3	5.5
A16-17	6.4	5.6	4.9	5.5	5.1	5.7	5.7	5.7	5.5	5.1	5.4
AFTER MIDNIGHT	5.9	5.7	5.2	5.3	5.2	5.4	5.7	5.4	5.4	5.3	5.4
DLFPS-340/3446	6.5	5.8	4.9	5.6	5.1	5.5	5.7	5.8	5.3	5.0	5.4
JERSEY (NAI-A16-3)	6.4	5.6	5.1	5.5	5.1	5.5	5.7	6.1	5.5	5.1	5.4
BAR PP 79494	6.5	5.8	5.1	5.3	5.0	5.2	5.7	5.4	5.4	5.0	5.3
BLUE GEM (NAI-13-9)	6.1	5.8	4.9	5.3	4.8	5.4	5.3	5.6	5.4	5.5	5.3
J-2726	6.2	5.8	5.4	5.2	5.0	5.5	5.5	5.7	5.3	5.1	5.3
STARR (GO-2628)	6.4	5.8	5.2	5.4	4.8	5.3	5.6	6.0	5.3	5.1	5.3
UNITED (NAI-13-14)	6.1	5.6	5.0	5.3	4.8	5.3	5.7	5.5	5.7	5.4	5.3
AKB3128	5.5	5.2	4.9	5.1	4.9	5.3	5.6	5.5	5.3	5.1	5.2
KH3492	5.3	5.2	4.8	5.3	4.8	5.4	5.4	5.2	5.3	5.1	5.2
NAI-14-128	6.3	5.6	5.1	5.1	4.6	5.3	5.4	5.4	5.5	5.0	5.2
PST-11-7	6.5	5.4	4.8	4.9	4.9	5.3	5.6	5.3	5.5	5.0	5.2
A10-280	5.8	5.2	4.7	4.9	4.7	5.5	5.4	5.5	5.5	5.1	5.1
A12-34	5.8	5.8	4.9	5.1	5.3	5.0	5.3	5.2	5.0	5.0	5.1
SHADOW HAWK (A16-2)	5.5	4.8	4.6	5.0	4.7	5.5	5.3	5.5	5.4	5.1	5.1
AKB3241	5.8	4.8	4.6	4.8	4.9	5.2	5.4	5.4	5.5	4.9	5.1
BAR PP 7K426	5.6	4.9	4.8	4.7	4.5	5.2	5.5	5.5	5.1	5.5	5.1
BLUE MAGIC (A99-2897)	6.2	5.6	4.9	4.8	4.7	5.3	5.4	5.3	5.1	4.9	5.1
BOMBAY (GO-22B23)	6.3	6.0	5.1	5.5	4.9	4.9	5.5	5.3	4.9	4.9	5.1
DLFPS-340/3556	6.1	5.2	5.1	5.0	4.8	5.3	5.5	5.1	5.3	4.8	5.1
J-1319	6.4	5.8	5.1	5.5	4.9	5.4	5.3	5.3	4.9	4.7	5.1
PIVOT	6.0	5.5	4.9	5.3	5.0	5.1	5.3	5.1	5.1	5.0	5.1
TWILIGHT (NAI-13-132)	5.8	5.2	4.9	5.3	4.8	5.2	5.3	5.4	5.3	4.9	5.1
BARVETTE HGT®	6.6	5.8	4.5	5.0	4.7	5.1	5.6	5.2	5.1	4.7	5.0
DLFPS-340/3500	6.0	4.9	4.7	5.0	5.0	5.2	5.0	5.4	5.1	4.7	5.0
SELWAY	6.1	5.5	4.5	4.9	4.7	5.1	5.1	5.3	5.1	5.2	5.0
SUPER MOON (PST-K13-141)	5.7	5.4	5.1	4.9	4.7	5.0	5.2	5.1	5.0	5.0	5.0
YELLOWSTONE (A12-7)	6.1	4.8	4.6	4.7	4.5	5.1	5.4	5.5	5.3	5.1	5.0
A11-38	5.8	4.8	4.5	4.4	4.6	5.0	5.0	5.1	5.1	5.1	4.9
A13-1	5.8	5.2	4.7	4.7	4.9	4.9	5.0	5.3	4.8	4.9	4.9
AKB3179	5.9	5.2	4.4	4.4	4.7	5.0	5.1	5.1	5.1	5.0	4.9
BAR PP 79366	6.1	5.6	4.7	4.8	4.7	5.3	5.3	5.1	4.9	4.7	4.9
DLFPS-340/3551	6.3	4.7	4.6	4.9	4.8	4.9	5.1	5.3	4.8	5.1	4.9
J-1138	5.5	5.3	5.0	5.0	4.8	5.1	4.9	5.1	4.8	4.7	4.9
NK-1	6.3	5.4	4.6	4.9	4.7	5.0	5.3	5.1	4.8	4.7	4.9
NURUSH (J-3510)	6.2	5.3	4.8	5.1	4.8	5.0	5.1	5.1	4.8	4.7	4.9
PPG-KB 1304	5.8	5.4	4.6	5.0	4.7	5.1	5.1	5.0	4.7	4.8	4.9
PPG-KB 1320	6.1	5.4	4.7	4.7	4.6	5.0	5.2	5.1	5.1	4.8	4.9
RAD-1776	6.2	5.3	4.9	5.1	4.7	4.9	5.1	5.1	4.9	4.4	4.9
DLFPS-340/3549	6.1	5.3	4.7	4.9	4.5	4.9	4.8	5.3	4.8	4.7	4.8
DLFPS-340/3552	6.3	5.7	4.6	4.7	4.5	4.9	4.9	5.1	4.9	4.7	4.8
PALOMA (PST-K13-139)	6.3	5.5	4.3	4.9	4.6	5.0	4.9	5.2	4.8	4.8	4.8
PST-K15-172	5.9	4.9	4.7	4.7	4.5	4.8	4.9	5.2	4.9	4.6	4.8

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SHADE AT AMES, IA 1/
2018-2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
RAD 553	5.9	4.8	4.4	4.7	4.5	4.9	5.1	5.3	4.7	4.7	4.8
A15-6	6.7	5.4	4.7	4.6	4.7	4.9	4.8	4.8	4.7	4.3	4.7
BAR PP 7236V	5.3	4.9	4.5	4.9	4.3	4.7	5.1	4.8	4.7	4.8	4.7
CLOUD (GO-2425)	6.0	5.2	4.7	4.9	4.4	4.9	4.8	4.9	4.5	4.3	4.7
DLFPS-340/3550	5.9	5.5	4.5	4.6	4.4	4.8	5.1	4.9	4.8	4.5	4.7
HEARTLAND (NAI-14-187)	5.9	5.3	4.5	4.5	4.5	4.9	5.0	4.7	4.7	4.8	4.7
NAI-14-132	6.1	5.2	4.1	4.5	4.5	4.8	4.8	5.0	5.0	4.5	4.7
A16-1	6.0	5.0	4.1	4.6	4.2	4.8	4.9	4.7	4.6	4.7	4.6
ACOUSTIC (PPG-KB 1131)	5.5	4.5	4.3	4.6	4.4	4.7	4.9	4.8	4.5	4.6	4.6
BABE	5.7	4.8	4.6	4.3	4.3	4.7	4.9	4.9	4.5	4.5	4.6
BARSERATI (BAR PP 110358)	5.9	5.0	4.4	4.3	4.5	4.7	4.9	4.7	4.7	4.5	4.6
DLFPS-340/3438	6.0	5.1	4.5	4.7	4.3	4.7	4.8	4.7	4.7	4.5	4.6
DLFPS-340/3444	5.8	4.7	4.5	4.5	4.3	4.8	4.6	4.8	4.7	4.6	4.6
NAI-14-122	5.9	4.9	4.5	4.3	4.3	4.8	4.9	4.7	5.0	4.5	4.6
PROSPERITY	5.6	4.8	4.4	4.3	4.3	4.6	4.7	4.7	4.6	4.8	4.6
PST-K15-167	5.4	4.8	4.2	4.7	4.3	4.7	4.7	4.7	4.7	4.5	4.6
SYRAH (LTP-11-41)	5.5	4.6	4.3	4.4	4.4	4.9	4.9	4.7	4.7	4.5	4.6
A11-26	5.9	5.0	4.3	4.3	4.3	4.8	4.8	4.7	4.5	4.5	4.5
A11-40	5.7	4.6	4.2	4.5	4.3	4.9	4.9	4.8	4.5	4.2	4.5
AMAZE (NAI-14-133)	6.3	4.8	4.5	4.4	4.3	4.7	4.7	4.9	4.5	4.3	4.5
AVIATOR II (NAI-15-84)	6.2	4.7	4.1	4.2	4.3	4.8	4.7	4.5	4.6	4.7	4.5
BAR PP 71213	5.7	4.6	4.1	4.3	4.3	4.5	4.6	4.7	4.7	4.6	4.5
COMANCHE (NAI-14-176)	6.5	4.8	4.1	4.3	4.3	4.7	4.7	4.8	4.7	4.3	4.5
DLFPS-340/3364	5.5	4.3	4.3	4.3	4.3	4.6	4.7	4.7	4.5	4.7	4.5
DLFPS-340/3553	5.9	5.0	4.4	4.5	4.2	4.5	4.5	4.7	4.5	4.4	4.5
ELECTRIC (PST-K11-118)	6.1	5.3	4.5	4.7	4.4	4.6	4.5	4.5	4.7	4.4	4.5
FINISH LINE (NAI-14-178)	5.8	4.8	4.1	4.3	4.2	4.8	4.9	4.8	4.8	4.3	4.5
KENBLUE	5.5	4.7	4.3	4.4	4.2	4.7	4.7	4.6	4.5	4.4	4.5
MIDNIGHT	5.9	5.5	4.4	4.3	4.3	4.7	4.6	4.7	4.4	4.2	4.5
MVS-130	6.1	4.9	4.3	4.5	4.3	4.9	4.6	4.6	4.5	4.5	4.5
NEW MOON (PST-K15-177)	5.9	4.8	4.1	4.3	4.3	4.7	4.9	4.8	4.5	4.4	4.5
ORION (PST-K13-143)	6.7	5.3	4.3	4.3	4.3	4.6	4.7	4.7	4.5	4.5	4.5
PST-T14-39	5.7	4.8	4.7	4.4	4.2	4.6	4.7	4.6	4.5	4.5	4.5
SHAMROCK	6.1	4.9	4.3	4.2	4.4	4.7	4.7	4.7	4.7	4.4	4.5
A16-7	5.7	4.3	4.1	4.4	4.3	4.6	4.5	4.6	4.5	4.3	4.4
BLUE DEVIL	5.7	4.6	4.1	4.4	4.3	4.7	4.7	4.5	4.6	4.2	4.4
BLUE KNIGHT	5.3	3.9	4.0	4.2	4.2	4.6	4.6	4.6	4.5	4.5	4.4
DLFPS-340/3548	5.5	4.3	4.1	4.1	4.0	4.5	4.9	4.7	4.5	4.1	4.4
NAI-15-80	5.6	4.1	3.9	4.1	4.2	4.8	4.5	4.7	4.3	4.3	4.4
SKYE	5.9	4.8	4.3	4.3	4.1	4.6	4.9	4.7	4.5	4.1	4.4
DUBLIN (PST-K15-157)	5.1	4.4	3.9	4.1	4.2	4.6	4.5	4.6	4.7	4.2	4.3
LSD VALUE	3.5	1.2	1.1	0.8	1.0	2.5	1.1	1.3	1.5	3.3	1.0
C.V. (%)	24.6	23.1	23.6	22.0	22.3	24.4	21.9	24.7	24.6	30.5	20.9

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

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

TABLE 27.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2018-2022 DATA

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

NAME	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT SPRING	GROUND COVER SUMMER	COVER FALL	COLOR RATINGS SEPTEMBER	SEPTEMBER-NOVEMBER OCTOBER	NOVEMBER	PERCENT ESTABLISHMENT
BAR PP 7309V	5.8	5.0	5.3	20.0	18.3	11.7	6.4	6.8	6.3	35.0
DLFPS-340/3494	5.1	5.2	5.2	13.3	11.7	13.3	6.8	6.5	6.5	25.0
A06-8	5.2	5.3	4.9	15.0	25.0	20.0	6.4	6.4	5.8	33.3
DLFPS-340/3455	5.7	5.0	5.1	25.0	21.7	11.7	6.3	6.2	5.8	40.0
A16-17	5.5	5.0	5.5	15.0	18.3	13.3	6.4	6.3	6.0	30.0
AFTER MIDNIGHT	5.2	5.0	4.6	28.3	35.0	16.7	6.5	6.7	6.2	50.0
DLFPS-340/3446	5.5	4.7	4.7	20.0	21.7	13.3	6.7	6.0	5.5	40.0
JERSEY (NAI-A16-3)	4.8	4.9	4.7	21.7	18.3	13.3	6.6	6.9	6.3	43.3
BAR PP 79494	5.5	4.8	4.5	8.3	18.3	11.7	6.5	6.0	5.0	23.3
BLUE GEM (NAI-13-9)	4.7	4.5	4.7	26.7	26.7	18.3	6.3	6.3	5.9	56.7
J-2726	5.8	4.6	4.5	28.3	23.3	16.7	6.5	6.7	6.0	48.3
STARR (GO-2628)	5.5	5.1	5.3	21.7	20.0	13.3	6.4	6.7	5.9	28.3
UNITED (NAI-13-14)	5.4	4.9	4.7	16.7	23.3	15.0	6.3	6.7	6.0	40.0
AKB3128	5.4	4.7	4.5	18.3	31.7	18.3	5.9	6.1	5.6	40.0
KH3492	5.1	5.0	4.7	20.0	31.7	25.0	5.3	6.0	5.8	36.7
NAI-14-128	5.3	4.7	4.3	16.7	31.7	13.3	6.0	6.8	5.9	21.7
PST-11-7	4.5	4.2	4.3	13.3	18.3	16.7	6.3	6.9	5.6	38.3
A10-280	5.0	4.6	4.3	10.0	26.7	21.7	5.8	6.0	5.7	25.0
A12-34	5.4	4.9	4.1	8.3	16.7	11.7	5.6	6.3	5.7	11.7
SHADOW HAWK (A16-2)	5.0	4.8	4.3	15.0	20.0	16.7	6.3	6.2	5.6	21.7
AKB3241	4.3	5.0	4.5	11.7	21.7	11.7	5.7	6.1	5.3	31.7
BAR PP 7K426	4.9	4.9	4.3	18.3	13.3	11.7	6.0	6.6	6.3	23.3
BLUE MAGIC (A99-2897)	5.1	4.9	4.6	16.7	13.3	15.0	6.3	6.1	5.6	28.3
BOMBAY (GO-22B23)	5.7	4.9	4.8	25.0	20.0	11.7	6.0	6.0	5.4	46.7
DLFPS-340/3556	5.3	4.8	4.7	20.0	28.3	11.7	5.7	5.9	5.3	36.7
J-1319	5.2	4.5	4.1	23.3	20.0	13.3	6.6	6.7	5.8	63.3
PIVOT	5.9	4.8	4.3	23.3	16.7	13.3	5.7	6.0	5.3	46.7
TWILIGHT (NAI-13-132)	5.5	4.7	4.6	16.7	20.0	15.0	5.6	6.3	5.6	40.0
BARVETTE HGT®	5.1	4.8	4.1	8.3	13.3	11.7	6.3	6.5	5.8	20.0
DLFPS-340/3500	4.9	4.5	4.9	15.0	26.7	18.3	5.8	5.7	4.9	15.0
SELWAY	4.8	4.7	4.4	16.7	10.0	8.3	6.2	6.6	6.2	40.0
SUPER MOON (PST-K13-141)	5.0	4.5	4.4	10.0	16.7	10.0	5.6	5.6	5.4	48.3
YELLOWSTONE (A12-7)	4.6	4.7	5.0	8.3	11.7	8.3	6.5	6.6	6.6	18.3
A11-38	4.8	4.3	4.2	8.3	8.3	6.7	5.8	5.8	6.2	10.0
A13-1	4.8	4.5	4.4	6.7	13.3	11.7	6.2	5.8	5.2	25.0
AKB3179	4.5	4.3	4.3	5.0	10.0	10.0	5.6	6.2	5.8	20.0
BAR PP 79366	4.7	4.3	4.0	11.7	15.0	10.0	5.9	6.2	5.5	26.7
DLFPS-340/3551	4.8	4.3	3.9	11.7	13.3	11.7	6.4	5.4	5.4	35.0
J-1138	5.8	4.6	4.3	23.3	18.3	16.7	5.9	6.3	5.3	56.7
NK-1	4.6	4.7	4.3	6.7	21.7	10.0	5.8	5.8	5.6	15.0
NURUSH (J-3510)	4.6	4.0	3.9	13.3	15.0	10.0	6.4	5.7	5.7	43.3
PPG-KB 1304	5.4	4.4	3.9	6.7	13.3	8.3	5.9	6.2	5.8	16.7
PPG-KB 1320	5.1	4.3	4.2	11.7	13.3	8.3	6.3	6.3	5.4	21.7
RAD-1776	5.3	5.5	4.7	8.3	13.3	10.0	5.8	6.0	5.0	46.7
DLFPS-340/3549	5.2	3.9	4.0	6.7	13.3	11.7	5.8	5.8	5.4	20.0
DLFPS-340/3552	4.8	4.5	4.2	10.0	15.0	6.7	5.8	6.1	5.7	38.3
PALOMA (PST-K13-139)	4.8	4.4	3.9	8.3	13.3	6.7	6.3	5.8	6.0	16.7
PST-K15-172	4.9	3.9	4.0	8.3	11.7	8.3	6.3	6.7	5.8	35.0
RAD 553	4.9	4.5	4.2	13.3	20.0	8.3	6.0	5.7	5.6	36.7

TABLE 27.
(CONT'D)
MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2018-2022 DATA

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

NAME	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT SPRING	GROUND SUMMER	COVER FALL	COLOR RATINGS SEPTEMBER	SEPTEMBER-NOVEMBER OCTOBER	NOVEMBER	PERCENT ESTABLISHMENT
A15-6	4.7	4.4	4.2	5.0	10.0	10.0	5.5	5.4	4.9	10.0
BAR PP 7236V	5.0	4.3	3.9	13.3	10.0	8.3	5.3	5.8	5.7	28.3
CLOUD (GO-2425)	4.8	4.3	4.1	13.3	16.7	13.3	6.2	5.4	5.1	38.3
DLFPS-340/3550	4.5	4.5	3.7	7.3	15.0	8.3	5.8	6.1	5.0	18.3
HEARTLAND (NAI-14-187)	4.5	4.5	4.1	8.3	10.0	13.3	6.1	5.8	5.6	31.7
NAI-14-132	4.5	4.4	4.1	8.3	10.0	5.0	6.3	6.3	5.3	20.0
A16-1	4.5	3.9	3.8	10.0	11.7	10.0	5.9	5.6	5.6	18.3
ACOUSTIC (PPG-KB 1131)	4.5	4.3	3.9	8.3	10.0	6.7	6.1	5.8	5.8	35.0
BABE	4.7	4.2	3.9	13.3	13.3	10.0	5.7	5.7	5.3	33.3
BARSERATI (BAR PP 110358)	4.4	4.0	3.6	15.0	10.0	8.3	5.6	5.9	4.8	43.3
DLFPS-340/3438	4.8	4.0	4.2	13.3	10.0	8.3	6.0	5.8	5.3	43.3
DLFPS-340/3444	4.4	4.3	3.9	16.7	11.7	11.7	6.1	6.3	5.7	25.0
NAI-14-122	4.7	3.9	3.9	5.0	11.7	6.7	5.2	6.3	4.8	30.0
PROSPERITY	4.6	4.5	3.7	10.0	13.3	6.7	5.2	5.4	5.6	50.0
PST-K15-167	4.6	4.4	3.8	11.7	8.3	5.0	5.3	6.0	5.8	31.7
SYRAH (LTP-11-41)	4.4	4.3	3.9	16.7	13.3	8.3	5.7	5.7	5.5	51.7
A11-26	4.2	4.3	3.6	8.3	10.0	10.0	5.3	5.5	4.5	15.0
A11-40	4.5	4.2	4.0	10.0	10.0	6.7	5.6	5.5	4.6	13.3
AMAZE (NAI-14-133)	4.5	4.3	3.6	6.7	11.7	6.7	6.1	5.3	5.1	11.7
AVIATOR II (NAI-15-84)	4.3	4.1	3.5	6.7	8.3	6.7	5.1	5.3	5.2	13.3
BAR PP 71213	4.3	4.2	4.1	6.7	10.0	11.7	5.8	5.4	4.8	25.0
COMANCHE (NAI-14-176)	4.7	4.2	3.7	5.0	10.0	8.7	6.1	5.3	5.4	9.0
DLFPS-340/3364	4.6	4.6	3.9	10.0	5.0	11.7	5.3	5.6	5.3	20.0
DLFPS-340/3553	4.8	4.2	3.7	10.0	11.7	10.0	5.8	5.2	5.3	41.7
ELECTRIC (PST-K11-118)	4.7	4.3	4.0	10.0	11.7	10.0	5.1	5.6	4.4	40.0
FINISH LINE (NAI-14-178)	4.1	4.2	3.9	5.0	11.7	8.3	6.0	6.0	4.8	8.3
KENBLUE	4.5	4.2	3.8	8.3	10.0	15.0	5.3	5.5	5.3	28.3
MIDNIGHT	4.3	3.8	3.8	10.0	8.3	8.3	5.4	5.1	4.6	40.0
MVS-130	4.9	4.2	4.1	8.3	10.0	10.0	5.7	5.7	5.5	20.0
NEW MOON (PST-K15-177)	4.4	4.2	3.7	5.0	10.0	10.0	6.2	5.6	5.8	18.3
ORION (PST-K13-143)	4.0	4.0	3.9	5.0	13.3	8.3	5.9	5.8	5.5	58.3
PST-T14-39	4.8	4.1	3.9	13.3	18.3	16.7	5.9	5.0	5.0	46.7
SHAMROCK	4.2	4.2	3.6	6.7	11.7	11.7	5.7	5.3	4.8	30.0
A16-7	4.6	4.3	3.7	6.7	10.0	10.0	5.8	5.7	4.6	11.7
BLUE DEVIL	4.6	4.1	3.9	11.7	8.3	10.0	5.6	5.8	4.6	36.7
BLUE KNIGHT	4.3	3.9	3.9	8.3	10.0	11.7	6.0	5.0	4.6	23.3
DLFPS-340/3548	4.3	3.9	3.9	5.0	15.0	5.0	6.0	5.4	4.8	26.7
NAI-15-80	4.2	4.0	4.0	8.3	10.0	10.0	5.8	5.1	4.5	10.0
SKYE	4.5	3.9	3.7	10.0	15.0	6.7	6.2	4.9	4.4	43.3
DUBLIN (PST-K15-157)	4.5	4.2	3.6	5.0	10.0	6.7	5.6	5.4	4.4	30.0
LSD VALUE	1.9	4.6	1.9	24.8	42.8	33.8	2.0	2.1	4.6	22.4
C.V. (%)	30.5	37.0	35.0	71.5	69.5	63.3	21.0	24.5	33.9	41.9

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 28.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2017 NATIONAL KENTUCKY BLUEGRASS TEST AT WEST LAFAYETTE (BILLBUGS), IN 1/
2020-2021 DATA

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

NAME	LARVE	BILLBUGS	NAME	LARVE	BILLBUGS	NAME	LARVE	BILLBUGS
AMAZE (NAI-14-133)	1.7	9.0	DLFPS-340/3364	6.7	8.5	BAR PP 7309V	15.0	8.0
BARVETTE HGT®	0.0	9.0	DLFPS-340/3438	10.0	8.5	DLFPS-340/3494	15.0	8.0
RAD-1776	1.7	9.0	DLFPS-340/3548	5.0	8.5	KH3492	13.3	8.0
SYRAH (LTP-11-41)	0.0	9.0	DLFPS-340/3551	8.3	8.5	NK-1	11.7	8.0
A16-17	5.0	8.8	DLFPS-340/3552	6.7	8.5	BABE	15.0	7.8
BARSERATI (BAR PP 110358)	3.3	8.8	KENBLUE	5.0	8.5	BAR PP 71213	15.0	7.8
BLUE GEM (NAI-13-9)	0.0	8.8	NAI-14-128	1.7	8.5	BLUE MAGIC (A99-2897)	15.0	7.8
DLFPS-340/3500	6.7	8.8	NAI-15-80	8.3	8.5	FINISH LINE (NAI-14-178)	15.0	7.8
DLFPS-340/3550	5.0	8.8	PALOMA (PST-K13-139)	0.0	8.5	J-1138	8.3	7.8
ELECTRIC (PST-K11-118)	5.0	8.8	SHAMROCK	8.3	8.5	J-1319	13.3	7.8
JERSEY (NAI-A16-3)	1.7	8.8	SKYE	6.7	8.5	J-2726	15.0	7.8
NAI-14-132	5.0	8.8	PPG-KB 1320	8.3	8.4	BAR PP 79366	6.7	7.7
NEW MOON (PST-K15-177)	1.7	8.8	A06-8	10.0	8.3	UNITED (NAI-13-14)	16.7	7.7
PST-K15-172	3.3	8.8	A11-40	10.0	8.3	AVIATOR II (NAI-15-84)	11.7	7.6
TWILIGHT (NAI-13-132)	6.7	8.8	DLFPS-340/3446	11.7	8.3	HEARTLAND (NAI-14-187)	16.7	7.6
A10-280	6.7	8.7	DLFPS-340/3549	10.0	8.3	AKB3128	18.3	7.5
A12-34	6.7	8.7	DLFPS-340/3556	10.0	8.3	DUBLIN (PST-K15-157)	10.0	7.3
A13-1	6.7	8.7	MIDNIGHT	8.3	8.3	PST-11-7	21.7	7.3
AKB3241	1.7	8.7	PIVOT	8.3	8.3	BLUE KNIGHT	18.3	7.2
BAR PP 7236V	6.7	8.7	PPG-KB 1304	8.3	8.3	DLFPS-340/3455	13.3	7.2
BAR PP 79494	6.7	8.7	PROSPERITY	10.0	8.3	DLFPS-340/3553	20.0	7.2
COMANCHE (NAI-14-176)	5.0	8.7	SELWAY	6.7	8.3	ACOUSTIC (PPG-KB 1131)	20.0	7.0
DLFPS-340/3444	3.3	8.7	SUPER MOON (PST-K13-141)	11.7	8.3	RAD 553	20.0	6.8
NAI-14-122	8.3	8.7	A16-1	6.7	8.2	BAR PP 7K426	20.0	6.7
ORION (PST-K13-143)	6.7	8.7	SHADOW HAWK (A16-2)	13.3	8.2	A16-7	28.3	6.3
PST-T14-39	5.0	8.7	AFTER MIDNIGHT	8.3	8.2	CLOUD (GO-2425)	18.3	6.3
YELLOWSTONE (A12-7)	5.0	8.7	MVS-130	11.7	8.2	NURUSH (J-3510)	27.5	6.3
A11-26	3.3	8.5	PST-K15-167	11.7	8.2			
A11-38	10.0	8.5	STARR (GO-2628)	11.7	8.2			
BLUE DEVIL	6.7	8.5	A15-6	15.0	8.0	LSD VALUE	28.6	3.8
BOMBAY (GO-22B23)	10.0	8.5	AKB3179	11.7	8.0	C.V. (%)	95.0	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 29.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	AR1	CT1	IA1	IN1	MI1	MN1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	UT1	MEAN
AFTER MIDNIGHT	7.4	7.7	6.9	7.3	7.2	8.1	7.8	5.6	6.6	9.0	8.1	7.7	7.3	7.5	7.3
BLUE GEM (NAI-13-9)	6.9	7.7	7.3	7.6	7.3	6.6	7.1	6.4	6.5	7.3	7.9	7.4	7.1	7.3	7.2
TWILIGHT (NAI-13-132)	6.7	7.7	7.5	7.5	7.3	6.3	7.1	6.6	6.4	7.0	8.1	6.9	7.3	7.3	7.2
NAI-14-122	6.1	7.1	7.1	7.6	7.3	7.6	7.3	5.7	6.6	7.7	7.9	7.5	6.4	7.8	7.1
J-1319	7.0	8.3	7.3	7.5	6.9	7.8	7.7	3.2	6.7	8.7	8.2	7.3	6.5	7.6	7.1
MVS-130	6.6	6.9	6.9	7.5	7.1	7.8	7.3	5.6	6.7	6.7	7.8	7.4	7.1	7.5	7.1
MIDNIGHT	7.6	7.2	7.5	7.3	7.3	7.1	6.6	5.7	6.3	6.7	7.9	7.2	7.0	7.1	7.0
COMANCHE (NAI-14-176)	6.6	6.7	6.9	7.4	6.9	7.7	7.3	6.0	6.6	7.7	8.1	7.4	6.1	7.8	7.0
UNITED (NAI-13-14)	7.0	7.6	6.9	7.3	7.3	6.6	7.3	5.6	6.3	7.0	7.9	7.3	7.1	7.0	7.0
NAI-14-132	5.9	6.8	7.2	7.7	7.4	7.6	7.2	4.7	6.5	7.7	7.7	7.7	6.5	8.0	7.0
J-1138	7.3	7.2	7.4	7.4	6.9	6.7	6.9	5.6	6.4	7.0	7.9	7.4	7.0	7.1	7.0
NAI-14-128	6.7	6.8	7.5	7.6	7.1	7.6	7.0	4.6	6.5	7.7	8.0	7.3	6.4	8.0	7.0
BAR PP 79494	7.1	7.5	7.5	7.1	7.1	6.7	6.9	5.6	6.3	7.7	7.9	6.8	7.2	7.1	7.0
PROSPERITY	6.8	7.7	7.4	7.0	7.5	6.9	7.0	4.7	6.6	9.0	7.1	7.1	6.6	7.9	7.0
ACOUSTIC (PPG-KB 1131)	7.0	7.3	6.7	7.0	7.2	6.9	7.3	5.5	6.3	8.3	7.7	7.1	6.7	7.3	7.0
HEARTLAND (NAI-14-187)	6.6	7.3	6.9	7.8	7.1	7.6	7.3	4.6	6.5	7.7	7.7	7.4	5.7	7.7	6.9
AMAZE (NAI-14-133)	7.1	6.9	6.9	7.3	7.1	7.5	7.1	5.4	6.6	7.7	7.5	7.0	6.3	7.7	6.9
NURUSH (J-3510)	7.1	6.9	6.9	7.4	7.1	6.3	6.9	5.6	6.4	6.3	7.8	7.1	7.1	6.9	6.9
BLUE MAGIC (A99-2897)	6.3	6.8	6.9	7.4	6.8	6.7	7.2	5.6	6.2	7.3	7.9	6.8	7.1	7.0	6.9
NEW MOON (PST-K15-177)	6.9	7.0	7.2	7.3	6.5	6.7	7.1	4.6	6.5	7.0	7.6	7.5	6.5	7.5	6.8
BLUE DEVIL	6.7	7.4	6.8	6.8	7.3	6.2	6.9	4.2	6.2	6.3	8.1	7.3	7.8	6.9	6.8
A12-34	6.3	6.5	6.8	7.2	6.5	6.5	7.0	5.4	6.2	8.0	7.4	7.7	6.5	7.2	6.7
DUBLIN (PST-K15-157)	6.0	6.5	7.3	7.6	6.5	6.1	6.3	5.9	6.3	5.7	7.9	7.3	6.9	6.4	6.7
PPG-KB 1320	6.6	7.1	7.5	6.8	6.8	6.0	6.9	5.6	6.4	9.0	6.9	7.1	5.5	7.1	6.7
DLFPS-340/3550	6.6	6.8	7.0	7.4	6.7	5.7	6.7	4.7	6.2	8.0	7.3	7.3	7.0	7.0	6.7
DLFPS-340/3364	6.4	6.4	6.0	7.0	6.7	6.0	7.1	5.7	6.3	7.7	7.3	7.3	6.6	7.0	6.6
PPG-KB 1304	6.3	6.0	7.3	7.0	7.0	5.8	6.8	5.5	6.1	6.7	6.7	7.7	7.3	6.5	6.6
A16-7	6.6	6.9	6.5	6.9	6.7	6.3	6.8	4.7	6.0	6.0	7.3	7.5	7.3	6.2	6.6
PST-K15-167	6.7	6.5	6.9	6.4	6.7	6.0	6.7	5.7	6.2	7.7	6.5	7.2	6.8	6.7	6.6
A06-8	6.3	6.1	6.9	6.9	6.7	6.0	6.8	5.7	6.0	7.0	6.7	7.1	6.6	6.5	6.5
AVIATOR II (NAI-15-84)	6.1	6.8	6.6	6.8	6.7	5.9	6.5	5.4	6.2	7.0	7.2	7.2	6.5	6.5	6.5
A10-280	6.2	6.2	6.5	7.0	6.5	5.8	6.7	5.9	5.8	7.3	7.2	7.1	6.9	6.3	6.5
STARR (GO-2628)	6.8	6.5	7.1	6.8	6.3	4.8	6.4	5.6	5.8	7.7	7.0	7.3	7.3	6.4	6.5
AKB3128	6.2	6.2	6.2	6.7	6.5	5.8	6.7	6.5	5.9	7.0	7.3	7.4	6.9	5.9	6.5
DLFPS-340/3556	6.7	6.5	7.7	7.0	7.0	4.8	7.0	4.2	6.2	7.3	6.4	7.3	6.7	6.6	6.5
PIVOT	6.1	7.3	7.0	6.6	7.0	5.4	6.7	5.7	6.1	8.3	5.9	6.7	7.3	5.6	6.5
A11-26	6.3	6.6	6.9	7.0	6.5	5.1	6.3	4.9	6.2	7.3	6.6	7.5	7.4	6.3	6.5
BOMBAY (GO-22B23)	7.0	6.1	6.7	7.0	6.5	4.8	6.5	5.7	5.8	6.3	6.7	7.3	7.6	6.0	6.5
AKB3241	6.4	6.6	6.7	6.9	6.3	5.1	6.1	5.6	6.2	8.3	6.9	7.2	6.9	6.1	6.4
A13-1	6.3	5.9	6.9	7.1	7.0	4.2	6.0	5.6	6.1	7.7	7.2	7.1	7.1	6.5	6.4
J-2726	6.7	7.3	6.7	7.0	6.7	6.0	6.7	3.8	6.4	7.7	6.5	6.9	5.6	7.2	6.4
A15-6	5.8	5.7	6.9	6.9	6.7	5.7	6.7	4.2	6.3	7.0	7.5	7.4	7.1	6.1	6.4
CLOUD (GO-2425)	7.1	5.8	7.0	6.9	6.3	4.7	6.6	5.6	5.7	6.3	6.8	7.1	7.5	6.1	6.4
DLFPS-340/3548	6.2	5.9	6.9	6.5	6.7	5.3	6.6	5.7	6.1	7.0	7.0	7.2	5.9	6.4	6.4
PST-T14-39	6.4	6.4	7.2	6.4	6.4	6.2	6.4	6.1	5.7	8.0	6.3	6.9	6.5	5.6	6.4
BLUE KNIGHT	6.6	7.1	6.5	6.8	6.3	5.2	6.9	4.2	6.1	7.7	6.5	7.3	6.3	6.0	6.3
DLFPS-340/3494	6.4	6.5	6.7	6.5	6.7	4.6	6.8	5.7	6.2	6.3	5.9	7.3	6.6	6.0	6.3
SKYE	6.7	6.2	6.4	6.5	6.4	5.2	6.4	5.4	5.8	6.7	6.9	7.4	6.9	5.9	6.3
PST-11-7	6.7	6.7	6.5	6.5	6.5	4.8	6.8	5.7	5.9	7.0	5.6	7.2	6.2	6.2	6.3
DLFPS-340/3551	5.9	6.2	6.9	6.8	6.5	5.3	6.7	3.8	6.0	7.0	7.0	7.4	6.7	5.9	6.3

TABLE 29.
(CONT'D)GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	AR1	CT1	IA1	IN1	MI1	MN1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	UT1	MEAN
PST-K15-172	6.2	5.9	7.7	6.7	6.6	5.9	6.5	4.6	5.7	6.3	5.9	7.3	6.1	5.9	6.2
DLFPS-340/3500	6.6	6.0	6.7	6.9	6.6	4.0	5.8	5.4	6.0	7.3	6.4	7.0	6.9	6.2	6.2
DLFPS-340/3446	6.2	5.9	6.4	6.8	6.0	5.6	6.7	4.4	5.8	6.0	7.0	7.1	6.6	6.1	6.2
BAR PP 79366	6.6	5.7	6.2	7.0	7.1	3.6	6.2	4.6	6.0	7.0	6.7	7.0	7.3	6.3	6.2
NAI-15-80	6.4	5.7	6.8	6.3	6.1	4.3	6.2	6.6	5.7	3.7	7.0	7.1	6.6	5.9	6.2
DLFPS-340/3553	6.2	5.6	6.8	6.4	6.2	5.2	6.0	5.7	5.3	3.3	6.8	7.2	7.4	5.7	6.2
DLFPS-340/3552	5.8	6.1	6.7	6.8	6.1	4.9	5.9	4.6	5.7	6.7	6.7	7.1	7.1	6.1	6.2
AKB3179	6.1	5.7	6.7	6.3	6.0	5.3	6.0	5.6	5.9	4.3	6.7	7.3	6.0	6.6	6.2
SUPER MOON (PST-K13-141)	5.9	5.9	6.7	6.3	6.0	4.9	6.1	5.7	5.5	4.3	6.9	6.9	7.3	5.7	6.1
DLFPS-340/3438	5.7	5.6	6.4	6.4	6.1	4.0	6.0	5.7	5.7	7.0	7.3	7.5	6.6	5.8	6.1
NK-1	5.7	6.1	6.0	6.6	5.8	4.8	6.1	4.9	5.7	5.7	7.1	7.4	6.5	6.1	6.1
ORION (PST-K13-143)	6.4	5.9	7.0	6.3	6.6	5.6	5.8	5.3	5.6	4.0	6.0	7.3	5.7	5.3	6.0
PALOMA (PST-K13-139)	6.3	6.1	7.1	6.2	6.0	5.2	6.2	5.4	5.5	4.3	6.4	7.0	6.0	5.1	6.0
KH3492	6.2	5.9	7.3	6.3	6.2	3.8	5.7	6.5	5.7	2.7	5.9	7.1	6.7	4.8	6.0
SYRAH (LTP-11-41)	6.2	5.4	7.5	6.3	6.1	3.6	6.1	4.5	5.5	4.3	6.4	7.3	7.0	5.7	6.0
YELLOWSTONE (A12-7)	6.0	5.5	6.6	6.4	6.8	4.2	6.0	5.6	6.0	5.7	6.0	6.7	6.3	5.3	6.0
FINISH LINE (NAI-14-178)	6.6	5.7	6.5	6.2	6.0	4.2	6.1	5.6	5.7	3.7	6.0	7.3	6.5	5.3	5.9
A16-1	6.1	5.5	6.3	5.9	6.2	4.0	6.2	5.7	5.5	3.7	6.5	7.2	6.4	5.1	5.9
SHADOW HAWK (A16-2)	6.2	5.7	6.6	6.4	6.0	4.1	5.5	5.7	5.1	2.7	6.2	7.1	7.2	5.0	5.9
SHAMROCK	6.4	5.7	6.6	6.4	5.7	3.6	5.6	5.9	5.5	3.7	5.9	7.0	6.4	5.2	5.8
JERSEY (NAI-A16-3)	6.2	5.7	6.4	6.0	6.3	4.3	6.3	5.7	5.5	3.3	5.7	7.0	5.7	5.0	5.8
BABE	5.9	5.8	6.4	6.2	6.1	3.9	5.5	5.6	5.4	2.0	6.3	6.7	6.1	4.8	5.7
DLFPS-340/3444	5.8	5.4	6.4	5.9	6.1	4.3	6.2	5.4	5.6	3.3	4.5	7.1	6.3	4.7	5.7
BAR PP 7K426	5.9	4.9	6.4	5.9	5.8	3.9	5.5	6.4	5.2	2.0	5.5	6.5	6.6	4.9	5.6
RAD-1776	5.8	5.2	6.3	5.8	5.9	3.7	5.5	5.9	5.5	5.3	5.8	6.7	5.7	4.7	5.6
DLFPS-340/3455	5.8	4.9	6.3	6.0	5.9	3.4	5.4	6.4	5.2	4.0	5.9	7.0	6.2	4.3	5.6
A11-38	6.1	5.1	6.2	6.6	6.3	3.8	6.0	5.4	5.5	2.7	4.5	6.5	5.7	5.5	5.6
BARSERATI (BAR PP 110358)	6.0	5.3	6.5	5.9	5.7	3.9	5.4	5.9	5.4	2.3	5.3	6.7	6.9	4.1	5.6
SELWAY	5.9	5.7	6.5	5.8	5.7	4.2	5.9	4.2	5.3	7.0	4.8	6.9	6.7	4.4	5.6
ELECTRIC (PST-K11-118)	6.2	5.7	6.5	6.1	6.1	3.9	5.4	5.1	5.6	2.7	3.5	6.6	7.1	5.1	5.6
BAR PP 7309V	5.6	4.8	6.3	6.0	5.7	3.7	5.0	6.4	5.0	2.0	6.0	6.6	6.3	4.6	5.5
A11-40	5.6	4.9	6.4	5.8	5.9	3.3	5.6	6.6	5.1	2.7	6.0	6.7	5.9	4.1	5.5
RAD 553	5.8	5.5	6.5	5.4	5.6	3.5	5.3	5.5	5.4	2.7	4.8	7.0	6.5	4.3	5.5
BAR PP 7236V	5.6	4.9	6.4	5.4	6.1	3.3	5.3	6.4	5.0	2.3	4.7	6.5	6.6	4.7	5.4
DLFPS-340/3549	5.8	5.2	6.3	5.8	6.0	3.3	5.3	5.2	5.0	2.0	5.9	7.0	5.4	4.9	5.4
BARVETTE HGT®	5.9	5.1	6.7	5.3	5.5	3.4	5.1	6.4	5.1	2.7	4.5	6.5	6.9	4.1	5.4
A16-17	5.8	4.8	7.5	5.6	5.7	2.7	5.3	4.6	5.3	1.3	4.5	6.7	7.1	4.4	5.3
BAR PP 71213	5.8	4.9	6.3	4.8	5.6	2.3	5.3	5.6	5.1	1.3	3.8	7.1	6.8	4.1	5.2
KENBLUE	5.0	4.7	6.6	4.4	5.1	2.8	5.0	3.8	4.4	2.3	3.9	6.5	6.1	3.7	4.8
LSD VALUE	1.0	1.3	1.4	0.8	0.9	1.3	1.1	0.3	0.8	1.5	1.5	1.1	1.7	1.3	0.3
C.V. (%)	9.6	12.7	12.7	7.7	8.2	15.1	10.3	3.8	8.3	15.9	14.1	9.5	16.9	13.8	11.7

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

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

TABLE 30.

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	CT1	IA1	IN1	MD1	MI1	MN1	NC1	NE1	NJ1	NJ2	OK1	TN1	UT1	MEAN
BARVETTE HGT®	7.1	7.8	6.2	8.3	6.0	7.2	5.7	5.5	8.3	7.7	7.0	6.8	5.7	6.8
PPG-KB 1304	7.3	7.2	5.8	8.0	7.2	7.2	6.0	5.3	6.8	8.2	7.2	7.6	5.8	6.7
A11-40	6.5	7.6	6.5	8.0	6.5	6.3	5.3	5.3	7.5	7.4	7.3	7.8	5.1	6.6
FINISH LINE (NAI-14-178)	7.0	7.6	6.8	8.3	5.8	6.3	6.3	5.8	7.6	7.4	7.3	6.9	5.1	6.6
KENBLUE	6.2	7.4	6.0	8.0	4.8	7.7	6.7	5.1	7.8	7.9	7.3	7.2	5.0	6.5
BAR PP 7236V	6.5	7.9	5.5	8.0	4.8	4.8	6.0	5.1	7.8	7.0	8.0	7.1	5.2	6.3
BARSERATI (BAR PP 110358)	6.5	6.7	5.9	8.3	4.5	5.7	6.0	5.6	7.6	7.8	7.0	7.2	4.7	6.3
ELECTRIC (PST-K11-118)	6.0	7.2	6.0	7.7	5.3	6.5	6.3	5.8	7.2	6.8	6.5	7.2	5.0	6.2
KH3492	6.8	6.9	6.1	7.3	6.3	5.3	6.0	5.6	6.7	6.2	7.7	7.2	4.3	6.2
DLFPS-340/3553	6.3	7.2	6.1	8.0	6.3	6.7	5.3	5.3	7.5	7.0	7.0	6.2	4.7	6.1
SHADOW HAWK (A16-2)	6.8	6.0	6.0	7.3	6.5	4.5	5.7	5.6	6.4	6.3	7.8	7.1	4.8	6.0
SHAMROCK	6.8	7.1	6.1	7.3	5.7	6.0	5.3	5.3	6.2	5.1	7.3	6.9	4.9	6.0
DLFPS-340/3444	6.5	6.4	5.7	7.3	5.7	5.8	6.3	5.7	6.3	6.7	7.3	6.7	5.0	6.0
BABE	6.6	6.8	5.9	7.7	6.3	4.7	5.0	5.8	6.1	5.8	6.7	7.4	4.7	6.0
BAR PP 71213	5.8	6.4	5.8	7.7	4.5	4.8	5.3	5.9	6.2	5.9	6.7	7.4	5.6	6.0
SYRAH (LTP-11-41)	6.0	6.2	5.8	7.7	5.3	5.0	5.7	5.4	6.0	5.8	7.5	7.6	5.3	5.9
DLFPS-340/3446	5.8	6.0	5.5	7.0	4.8	6.2	7.0	5.6	5.7	6.0	6.8	7.6	5.2	5.9
AKB3128	6.2	6.0	5.5	8.0	4.0	4.8	6.0	5.5	6.2	6.8	7.3	7.2	5.2	5.9
BLUE MAGIC (A99-2897)	5.8	5.9	6.7	7.3	5.5	6.0	4.0	5.1	5.7	6.7	6.5	7.0	4.6	5.9
A06-8	6.0	6.9	5.9	8.0	6.3	5.2	6.7	5.2	5.7	6.4	7.3	6.6	4.6	5.9
A16-17	6.8	6.4	5.2	7.7	3.8	5.5	4.7	5.8	6.8	5.9	5.2	7.1	4.7	5.8
A10-280	6.6	6.1	5.7	8.3	4.3	5.5	6.0	4.7	3.4	7.2	7.7	7.6	4.3	5.8
RAD-1776	6.2	6.9	5.7	7.3	4.8	5.8	5.3	5.0	4.8	6.0	7.7	6.7	4.7	5.8
A16-1	6.3	6.8	6.1	7.3	5.7	4.8	6.0	5.8	5.0	4.9	6.8	6.6	5.1	5.7
A15-6	6.0	6.3	5.5	8.0	4.7	4.7	5.7	5.2	6.1	6.2	7.8	6.8	4.4	5.7
DLFPS-340/3551	5.9	6.7	5.3	7.7	5.2	5.2	5.3	5.3	5.8	5.9	6.7	7.0	4.7	5.7
DLFPS-340/3455	6.2	5.9	5.3	8.0	5.3	5.7	5.3	5.3	6.3	6.0	7.0	7.2	4.2	5.7
BAR PP 7309V	6.2	5.7	5.9	8.0	4.3	3.7	5.3	5.3	5.8	6.0	7.3	7.2	5.2	5.7
BOMBAY (GO-22B23)	5.4	7.6	4.5	6.3	5.2	5.7	5.3	5.8	5.3	5.4	6.5	7.3	5.7	5.7
DUBLIN (PST-K15-157)	6.5	6.2	6.0	7.7	4.0	5.5	5.3	5.2	5.9	5.9	7.0	6.7	4.2	5.7
PST-T14-39	5.9	5.6	5.3	7.3	3.7	6.5	5.0	5.3	6.2	6.7	7.0	6.6	4.9	5.7
DLFPS-340/3438	5.8	6.3	5.2	8.0	4.7	5.8	5.3	5.3	5.8	6.0	7.3	7.1	4.3	5.7
ORION (PST-K13-143)	6.1	6.1	5.3	8.0	4.2	5.0	5.3	5.3	6.3	5.6	7.3	7.3	4.1	5.7
SKYE	6.0	6.3	5.4	7.3	5.7	5.2	5.3	5.3	4.8	6.2	6.8	6.6	5.8	5.7
JERSEY (NAI-A16-3)	6.1	5.9	5.7	7.7	4.8	4.8	5.0	5.4	6.4	5.3	7.0	6.3	4.9	5.6
A11-38	5.9	6.3	5.9	8.0	4.7	6.0	5.3	5.1	6.0	5.1	6.8	6.8	4.1	5.6
SUPER MOON (PST-K13-141)	6.1	5.8	5.2	7.7	4.5	5.0	5.0	4.8	5.8	6.6	7.0	6.8	4.6	5.6
YELLOWSTONE (A12-7)	6.2	6.1	5.8	7.0	4.8	4.3	5.7	5.2	5.0	4.1	6.8	7.2	4.7	5.6
NAI-15-80	6.3	6.2	6.1	7.7	4.3	5.3	5.7	4.8	5.3	5.1	7.2	6.4	4.0	5.6
PIVOT	5.4	6.6	5.7	8.0	4.3	6.0	6.3	5.0	4.1	5.6	6.7	7.0	5.0	5.5
SELWAY	5.8	5.7	4.6	6.7	4.3	6.2	5.3	5.4	6.5	4.7	6.2	6.7	5.0	5.5
DLFPS-340/3550	5.5	5.0	6.0	8.0	4.3	4.3	4.7	5.2	6.2	6.2	6.3	7.0	4.2	5.5
RAD 553	5.8	5.4	5.1	8.0	3.3	4.8	5.3	5.5	5.2	5.4	6.7	7.4	5.2	5.4
STARR (GO-2628)	5.2	5.3	4.9	6.0	5.2	5.0	4.3	5.6	5.3	5.1	6.5	7.4	5.4	5.4
NK-1	5.5	6.1	5.5	8.0	4.3	4.2	5.0	5.2	4.8	5.3	6.8	7.0	4.3	5.4
CLOUD (GO-2425)	5.7	6.2	4.4	6.0	5.0	5.3	4.7	5.7	4.8	5.7	5.2	7.2	5.8	5.4
A12-34	5.4	5.6	5.3	8.0	4.3	4.8	5.7	5.0	5.2	6.0	7.2	6.8	4.4	5.4
AVIATOR II (NAI-15-84)	6.1	7.2	5.8	8.0	3.5	4.7	5.0	4.8	3.8	4.6	6.0	7.1	4.8	5.3
DLFPS-340/3548	5.6	7.2	4.6	8.0	3.5	5.0	5.7	5.2	5.3	5.3	6.8	6.7	4.9	5.3
PALOMA (PST-K13-139)	5.6	6.3	4.5	7.7	3.7	5.0	6.0	4.8	5.8	4.2	6.7	7.1	5.4	5.3

TABLE 30.
(CONT'D)SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/														
NAME	CT1	IA1	IN1	MD1	MI1	MN1	NC1	NE1	NJ1	NJ2	OK1	TN1	UT1	MEAN
BAR PP 7K426	5.8	5.4	5.4	7.7	4.0	3.8	5.7	5.1	5.0	5.9	7.3	6.2	5.0	5.3
A13-1	5.7	5.9	5.3	7.7	3.8	5.3	5.0	5.1	4.7	5.4	6.2	6.6	4.2	5.2
PST-11-7	5.5	6.8	6.2	8.0	5.0	5.0	5.0	4.6	3.6	4.0	6.7	7.1	3.6	5.2
NEW MOON (PST-K15-177)	5.8	5.1	5.1	7.3	3.7	5.2	4.7	5.6	5.3	4.1	5.2	7.0	5.4	5.2
DLFPS-340/3552	4.9	5.2	5.2	8.0	4.5	3.5	5.0	5.0	5.3	5.3	6.3	7.1	4.2	5.2
AKB3241	4.8	6.7	5.1	7.3	3.5	4.3	4.3	5.3	5.0	5.3	5.8	6.8	4.3	5.2
DLFPS-340/3549	5.4	5.8	4.3	6.7	4.2	4.2	5.0	5.2	5.5	5.6	6.8	7.2	3.9	5.2
A16-7	5.6	6.4	5.2	6.7	5.0	5.7	4.7	4.8	3.8	4.7	6.7	6.8	4.0	5.1
DLFPS-340/3364	5.3	7.3	5.6	6.7	4.7	5.0	5.3	5.1	2.8	5.7	6.3	6.7	3.3	5.1
PROSPERITY	4.8	5.8	6.1	6.7	4.5	4.7	4.7	4.6	3.6	4.6	6.5	6.3	4.7	5.0
PST-K15-172	5.5	5.8	3.7	6.7	3.8	4.3	4.7	5.2	5.4	4.9	5.3	7.0	4.6	4.9
PPG-KB 1320	4.6	5.1	5.7	7.0	4.5	3.3	5.7	4.8	4.2	4.4	6.8	6.9	3.6	4.9
A11-26	5.1	5.6	3.7	4.7	3.3	4.5	4.7	5.3	4.2	4.8	6.8	7.2	4.2	4.9
DLFPS-340/3556	5.7	4.7	5.2	6.0	5.3	3.2	4.3	4.8	2.8	4.8	6.8	7.3	4.2	4.8
AKB3179	5.1	5.1	5.1	8.0	3.0	3.8	5.0	5.3	3.5	3.4	6.7	7.3	3.9	4.8
DLFPS-340/3500	5.1	5.7	4.8	7.0	3.0	3.7	4.3	5.0	3.1	5.2	5.8	6.9	3.8	4.7
AFTER MIDNIGHT	5.0	6.1	5.5	6.0	4.7	4.7	3.7	4.8	3.8	3.3	5.7	6.1	3.8	4.7
BLUE KNIGHT	4.6	6.9	5.3	6.7	4.3	5.0	4.7	4.7	2.1	4.3	7.0	6.1	3.4	4.7
NAI-14-122	5.2	5.2	3.7	7.3	3.5	3.3	5.0	5.1	2.6	3.2	6.8	7.4	4.4	4.6
J-1319	4.8	5.8	5.8	6.0	5.2	4.3	5.3	4.9	1.9	3.2	6.3	6.3	3.2	4.6
BLUE DEVIL	4.7	6.1	5.1	5.7	4.0	4.0	4.0	4.8	2.5	4.1	6.2	6.6	3.8	4.6
BAR PP 79366	5.1	5.3	4.5	6.7	2.7	3.5	4.7	5.2	2.2	5.0	6.3	6.8	3.8	4.6
NURUSH (J-3510)	4.1	5.0	4.9	6.3	3.7	3.3	4.0	5.0	3.5	4.0	6.7	6.4	4.1	4.5
UNITED (NAI-13-14)	4.6	5.3	5.1	5.0	3.8	4.0	4.0	4.7	2.7	3.7	5.8	6.4	4.0	4.5
AMAZE (NAI-14-133)	5.2	5.3	3.8	7.0	3.3	3.5	4.0	5.0	2.0	5.0	6.3	6.3	3.9	4.4
ACOUSTIC (PPG-KB 1131)	4.7	5.7	4.5	4.3	3.7	3.5	3.3	4.8	3.1	4.3	6.0	6.2	4.3	4.4
BAR PP 79494	4.8	5.8	4.9	5.3	3.7	3.8	3.7	4.8	2.1	4.0	6.0	6.6	3.6	4.4
J-2726	5.0	6.7	5.7	3.7	4.5	3.3	4.0	4.8	1.7	2.9	5.5	5.9	3.4	4.4
NAI-14-132	5.3	5.3	3.8	7.3	2.7	3.7	4.3	4.9	1.8	3.8	6.7	6.8	3.9	4.4
BLUE GEM (NAI-13-9)	4.6	4.9	5.0	4.3	3.0	3.3	3.3	4.7	3.0	3.4	6.3	6.6	4.2	4.4
TWILIGHT (NAI-13-132)	4.5	5.0	5.1	4.7	4.3	3.8	3.7	4.8	2.5	3.1	5.8	6.1	4.0	4.4
HEARTLAND (NAI-14-187)	4.8	5.4	3.2	7.0	2.7	3.5	5.0	5.2	2.1	3.1	7.0	7.3	4.0	4.4
MIDNIGHT	4.4	5.6	4.7	4.7	3.7	4.0	4.0	4.6	2.5	3.8	6.2	6.3	4.0	4.3
J-1138	4.3	6.0	4.8	4.7	3.5	3.3	3.7	4.8	2.6	4.1	5.2	6.9	3.6	4.3
DLFPS-340/3494	4.7	5.6	4.6	5.7	3.3	3.5	4.3	5.2	1.0	2.7	6.3	7.6	3.3	4.3
COMANCHE (NAI-14-176)	5.1	5.6	3.7	7.0	3.8	3.7	4.7	4.7	2.3	3.4	6.7	6.1	3.6	4.3
MVS-130	4.8	5.3	3.9	7.0	2.8	3.7	4.3	4.7	2.0	3.4	6.7	6.8	3.7	4.3
NAI-14-128	5.1	5.4	3.8	7.0	3.8	3.2	4.0	4.8	2.3	3.1	6.7	6.4	3.4	4.3
PST-K15-167	4.2	5.4	4.1	7.0	3.7	2.8	4.3	4.9	2.8	3.4	4.3	6.4	3.3	4.1
LSD VALUE	1.2	1.6	1.3	1.0	1.3	1.3	1.1	0.8	1.8	1.5	1.5	1.5	1.4	0.6
C.V. (%)	13.0	16.7	15.8	8.5	19.1	17.1	13.8	10.3	23.1	18.0	13.8	16.8	19.1	16.9

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 31.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	AR1	CT1	IA1	IN1	MD1	MI1	MN1	NC1	NE1	NJ2	OK1	TN1	UT1	MEAN
SELWAY	6.3	5.2	7.6	6.7	8.0	6.7	8.2	8.2	6.8	6.3	7.4	5.1	8.1	6.8
BARVETTE HGT®	6.4	5.5	7.6	7.3	7.3	6.7	7.3	7.9	6.9	7.7	7.6	5.1	7.7	6.8
FINISH LINE (NAI-14-178)	6.6	5.6	7.6	7.5	7.0	6.3	7.7	7.7	7.0	7.7	7.0	5.2	7.7	6.8
KENBLUE	5.8	5.1	7.8	6.5	8.0	6.6	7.9	8.1	7.0	3.7	6.9	5.0	8.0	6.7
PST-T14-39	6.4	5.7	7.6	6.3	7.0	5.8	6.6	7.3	6.8	6.7	6.7	6.1	6.6	6.5
RAD 553	6.3	4.9	7.1	6.3	7.3	6.3	7.1	7.7	6.8	4.7	6.9	4.9	7.7	6.5
DUBLIN (PST-K15-157)	5.4	5.8	7.8	6.5	6.7	5.8	6.0	7.2	6.8	7.0	6.7	6.2	6.6	6.4
STARR (GO-2628)	6.2	5.3	7.7	7.0	7.0	6.1	5.8	7.0	6.9	6.7	6.9	5.6	6.7	6.4
AKB3179	5.9	5.7	7.6	7.2	7.0	6.0	6.2	7.6	6.4	6.7	6.9	5.2	6.1	6.4
SUPER MOON (PST-K13-141)	5.6	5.5	6.9	6.2	6.7	6.2	6.3	7.7	6.8	5.7	6.7	5.3	6.9	6.4
BOMBAY (GO-22B23)	6.6	5.6	6.4	7.0	7.0	5.9	6.4	7.0	6.8	6.0	6.8	5.4	6.7	6.4
A16-17	5.9	5.5	7.3	6.5	7.0	5.8	6.1	7.3	6.6	6.7	6.9	5.3	7.0	6.4
ORION (PST-K13-143)	6.2	5.5	8.0	5.5	7.0	6.0	6.6	7.0	7.1	4.7	6.7	5.0	6.9	6.3
NAI-15-80	5.4	5.7	7.7	6.5	7.0	6.1	6.8	6.7	6.5	6.3	6.9	5.2	6.6	6.3
BARSERATI (BAR PP 110358)	5.9	5.4	7.6	6.7	7.0	5.9	5.6	7.3	6.8	7.3	7.1	5.3	6.6	6.3
PALOMA (PST-K13-139)	6.0	5.7	7.4	6.5	7.0	6.1	6.8	6.7	6.9	4.7	6.7	5.1	6.9	6.3
SYRAH (LTP-11-41)	6.2	5.0	7.3	6.7	7.0	6.1	6.3	7.1	6.8	7.3	6.8	5.0	7.0	6.3
RAD-1776	5.7	5.8	6.7	6.8	7.0	5.6	5.9	7.5	6.6	4.7	6.9	5.4	6.9	6.3
DLFPS-340/3552	5.8	5.6	7.4	6.8	7.0	5.7	5.9	7.5	5.9	6.3	6.9	5.4	6.7	6.3
A11-40	5.6	5.7	7.6	6.5	7.0	6.1	6.3	7.2	6.3	5.7	6.6	5.3	6.7	6.3
CLOUD (GO-2425)	6.4	5.7	7.1	6.8	7.0	5.9	5.7	7.1	6.8	5.3	6.9	4.7	6.4	6.3
A11-26	6.0	5.8	7.7	6.8	6.3	5.9	5.1	7.0	6.2	7.3	6.9	5.7	6.0	6.3
AKB3241	6.1	5.4	6.9	6.3	7.0	5.6	6.3	6.9	6.5	7.0	6.7	5.5	6.6	6.2
PPG-KB 1320	6.1	5.8	7.3	5.8	6.7	6.2	6.2	6.7	6.2	3.0	6.6	5.6	6.6	6.2
NURUSH (J-3510)	6.7	5.8	7.3	6.2	7.0	5.3	5.6	6.7	6.3	5.3	6.8	5.5	6.3	6.2
ELECTRIC (PST-K11-118)	6.2	5.5	7.3	6.5	7.0	5.5	5.9	6.6	6.9	5.7	7.1	5.1	5.9	6.2
DLFPS-340/3549	6.0	5.5	7.4	6.2	7.0	5.7	5.9	6.9	6.7	5.3	6.7	5.2	5.9	6.2
NEW MOON (PST-K15-177)	6.2	6.1	6.9	6.0	7.0	5.5	5.7	6.4	6.5	5.7	6.8	5.8	6.2	6.2
PROSPERITY	6.1	5.8	7.2	5.7	6.7	5.7	5.8	6.9	5.9	5.3	6.7	5.3	6.7	6.2
BAR PP 79494	6.8	5.5	7.7	5.8	7.0	5.7	4.9	6.8	6.2	5.3	6.7	5.9	5.9	6.2
BAR PP 7236V	6.0	5.5	7.3	6.0	6.7	5.7	5.6	6.9	6.4	6.3	6.7	5.4	6.3	6.2
BLUE KNIGHT	6.0	5.9	7.0	5.8	7.0	6.3	5.6	6.7	6.4	3.0	6.6	5.2	6.4	6.1
DLFPS-340/3455	5.8	5.3	7.0	5.5	7.0	5.9	5.7	7.1	6.3	5.0	6.5	5.7	6.3	6.1
BABE	6.1	5.7	6.9	5.7	6.7	5.9	4.8	7.1	6.1	5.0	7.0	5.3	6.2	6.1
J-1138	6.8	5.5	7.4	6.2	6.7	5.7	5.1	6.7	6.5	5.7	6.7	4.9	5.8	6.1
BAR PP 7309V	5.9	5.6	7.8	5.7	6.3	5.7	5.6	7.3	5.8	5.0	6.6	5.4	6.3	6.1
HEARTLAND (NAI-14-187)	6.0	5.7	7.1	6.5	6.7	5.2	5.1	6.7	6.0	5.0	6.9	6.1	5.3	6.1
SKYE	6.2	5.5	7.2	6.3	7.0	5.7	5.2	6.5	6.4	5.0	6.8	5.2	6.3	6.1
A11-38	6.0	5.0	7.4	5.8	7.0	5.5	6.7	6.9	6.4	4.3	6.5	5.3	6.0	6.1
ACOUSTIC (PPG-KB 1131)	6.8	5.5	6.8	6.2	7.0	5.5	4.7	6.8	6.3	5.3	6.8	5.3	6.2	6.1
JERSEY (NAI-A16-3)	6.1	5.3	7.3	6.3	7.0	5.3	5.6	6.9	6.5	5.7	6.6	5.3	6.0	6.1
BLUE GEM (NAI-13-9)	6.0	5.7	7.6	6.0	6.7	5.2	5.3	6.7	6.3	6.0	6.8	5.1	5.9	6.1
KH3492	6.1	5.7	7.3	5.8	7.0	5.7	5.0	7.1	5.7	4.3	6.9	5.0	6.1	6.1
TWILIGHT (NAI-13-132)	6.3	5.7	7.2	6.1	6.7	5.3	5.7	6.6	6.3	5.3	6.7	5.0	6.3	6.1
AKB3128	6.0	5.5	6.7	6.8	6.3	5.7	5.7	6.9	5.9	6.0	6.7	5.3	6.0	6.1
NAI-14-122	5.9	5.5	7.4	6.3	7.0	5.5	5.0	6.8	6.1	6.0	6.6	5.7	5.7	6.0
SHADOW HAWK (A16-2)	6.0	5.5	7.3	5.8	6.3	5.7	4.4	6.7	6.4	4.7	6.7	5.5	6.1	6.0
UNITED (NAI-13-14)	6.2	5.7	7.2	5.7	6.0	5.6	5.2	6.6	6.0	4.7	6.7	5.3	6.3	6.0
MVS-130	6.0	5.4	7.3	6.5	6.7	5.7	4.6	6.7	6.3	6.3	6.7	5.3	5.8	6.0
DLFPS-340/3494	5.9	5.7	7.0	6.3	6.3	5.8	5.2	6.5	5.8	3.3	6.6	6.0	5.8	6.0

TABLE 31.
(CONT'D)LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	AR1	CT1	IA1	IN1	MD1	MI1	MN1	NC1	NE1	NJ2	OK1	TN1	UT1	MEAN
NAI-14-128	6.0	5.5	7.7	6.3	7.0	5.7	4.4	6.5	6.0	5.3	7.0	5.2	5.6	6.0
MIDNIGHT	7.0	5.1	7.2	5.7	6.7	5.3	5.2	6.7	6.5	5.0	6.8	5.0	5.9	6.0
BLUE DEVIL	6.3	5.5	7.1	5.7	6.3	5.2	5.2	6.6	6.3	5.0	6.8	5.2	5.9	6.0
PPG-KB 1304	6.0	5.7	7.1	6.2	7.0	5.3	4.2	6.8	6.4	5.7	6.7	5.5	6.0	6.0
BAR PP 7K426	5.8	5.6	6.9	5.8	6.7	5.4	4.9	7.1	5.8	5.3	6.9	5.1	6.7	6.0
DLFPS-340/3500	6.1	5.6	7.3	6.3	5.7	5.4	5.2	6.9	5.6	6.0	6.6	5.7	5.9	6.0
NAI-14-132	5.7	5.5	6.8	6.5	7.0	5.5	5.0	6.6	5.9	6.3	7.1	5.1	5.7	6.0
BLUE MAGIC (A99-2897)	6.0	5.9	7.6	5.8	7.0	5.4	4.4	6.5	5.8	5.7	6.7	5.5	5.8	6.0
DLFPS-340/3550	6.0	5.9	7.3	6.0	6.0	5.4	5.1	6.5	5.7	6.0	6.6	5.5	6.0	6.0
J-2726	6.2	5.9	6.7	6.0	5.7	5.8	4.8	6.3	5.8	5.0	6.7	5.7	5.6	6.0
DLFPS-340/3553	6.1	5.7	7.1	5.7	7.0	5.3	4.4	6.8	6.3	6.0	6.5	5.3	5.9	6.0
AMAZE (NAI-14-133)	6.1	5.5	6.9	6.2	7.0	5.5	4.4	6.7	5.9	5.7	7.1	5.2	5.6	6.0
DLFPS-340/3446	6.2	5.8	7.4	6.2	6.3	5.4	4.8	6.7	6.1	5.0	6.5	4.9	6.1	6.0
YELLOWSTONE (A12-7)	6.0	5.7	7.4	6.0	7.0	5.4	5.1	6.5	6.1	4.7	6.6	5.1	5.9	5.9
BAR PP 79366	6.3	5.5	7.3	6.0	5.7	5.4	4.6	6.5	5.6	6.3	6.8	5.3	5.7	5.9
COMANCHE (NAI-14-176)	6.0	5.7	6.9	6.3	6.3	5.3	4.3	6.4	6.1	5.0	6.9	5.5	5.2	5.9
A13-1	5.9	5.9	7.0	6.0	6.0	5.5	4.7	6.4	6.0	4.0	6.7	5.5	5.3	5.9
BAR PP 71213	6.1	5.5	7.2	5.7	5.7	5.2	5.2	6.2	6.0	5.7	6.7	5.7	5.8	5.9
SHAMROCK	6.1	5.3	7.4	5.8	6.7	5.7	4.4	6.7	5.9	3.0	6.5	5.2	6.0	5.9
PIVOT	5.6	5.6	7.4	5.3	7.0	5.3	4.6	6.1	6.0	5.0	6.7	5.8	6.1	5.9
PST-K15-172	6.2	5.6	7.6	5.3	6.3	5.1	3.9	6.6	6.3	5.3	6.5	5.6	6.0	5.9
DLFPS-340/3551	5.7	5.6	7.2	5.8	6.0	5.2	4.4	6.4	5.9	5.3	6.7	5.6	5.9	5.9
PST-11-7	6.1	5.7	7.7	6.0	6.0	5.9	3.3	6.0	5.8	4.7	6.8	5.5	5.2	5.9
DLFPS-340/3444	5.9	5.6	7.7	5.3	6.3	5.5	3.1	6.4	6.1	3.7	6.5	5.9	6.0	5.8
AFTER MIDNIGHT	6.7	5.9	6.9	5.3	6.0	5.5	3.0	6.1	5.9	5.3	6.8	5.9	5.2	5.8
A06-8	5.9	5.9	7.0	6.7	6.3	5.4	3.3	6.2	5.8	5.0	6.7	5.5	5.7	5.8
A10-280	5.8	5.8	6.8	5.7	6.7	5.3	4.6	6.7	5.8	4.7	6.6	5.5	5.0	5.8
NK-1	5.8	5.5	7.1	6.0	6.3	5.3	4.6	6.3	5.8	5.0	6.7	5.4	5.6	5.8
A12-34	5.8	5.8	7.3	5.7	6.7	5.2	3.7	6.6	5.9	5.3	6.5	5.5	5.6	5.8
A16-1	6.1	5.4	7.4	5.0	6.7	5.3	3.7	6.5	6.2	3.0	6.7	5.2	6.0	5.8
DLFPS-340/3438	5.6	5.6	7.0	5.5	7.0	5.1	4.2	6.6	5.9	5.7	6.5	5.6	5.6	5.8
DLFPS-340/3548	5.7	5.7	7.0	5.5	6.3	5.2	4.6	6.5	5.9	4.0	6.4	5.4	5.9	5.8
A16-7	6.2	5.7	7.2	5.2	6.3	5.7	4.0	6.1	5.8	4.0	6.5	5.1	5.9	5.8
AVIATOR II (NAI-15-84)	5.8	5.6	6.9	5.0	7.0	5.5	4.9	6.1	5.6	2.3	6.6	5.5	6.2	5.8
DLFPS-340/3364	5.1	6.2	7.6	5.8	6.3	5.4	3.4	6.0	5.5	4.3	6.6	5.4	5.7	5.7
PST-K15-167	6.3	5.9	7.1	4.8	5.7	5.3	3.7	6.0	5.8	5.0	6.7	5.1	5.6	5.7
J-1319	6.0	6.1	7.4	5.5	5.7	5.4	3.6	5.8	5.4	3.7	6.4	5.7	5.0	5.7
A15-6	5.9	5.5	6.8	5.5	6.0	5.1	3.8	6.0	5.8	5.0	6.6	5.8	5.1	5.7
DLFPS-340/3556	6.0	5.6	7.3	5.2	5.3	4.9	3.8	5.7	5.6	5.0	6.5	5.6	5.3	5.6
LSD VALUE	0.9	1.1	1.1	1.0	0.7	1.2	1.3	0.9	0.8	1.2	0.7	1.4	0.9	0.4
C.V. (%)	9.2	12.8	9.5	9.8	6.1	13.6	15.9	8.3	8.0	14.6	6.5	16.2	9.4	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 32. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2017 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/					
NAME	IN1	KY1	NC1	UT1	MEAN
STARR (GO-2628)	5.7	5.7	6.0	6.0	5.8
BAR PP 7309V	6.0	5.0	6.7	5.0	5.7
KENBLUE	6.0	5.0	6.7	5.0	5.7
J-1138	6.0	5.0	5.7	5.7	5.6
SELWAY	5.3	4.7	6.3	6.0	5.6
BAR PP 7236V	5.0	5.3	5.7	6.0	5.5
DLFPS-340/3552	5.3	5.7	6.0	5.0	5.5
RAD-1776	5.7	5.3	5.7	5.0	5.4
BOMBAY (GO-22B23)	5.7	5.7	6.0	4.0	5.3
A16-17	5.3	5.0	6.0	5.0	5.3
DLFPS-340/3455	5.0	5.3	5.3	5.7	5.3
ORION (PST-K13-143)	5.0	5.0	5.3	6.0	5.3
SYRAH (LTP-11-41)	4.7	5.7	5.7	5.0	5.3
SKYE	4.7	5.7	5.7	5.0	5.3
BARSERATI (BAR PP 110358)	5.0	5.7	6.0	4.0	5.2
NURUSH (J-3510)	6.3	5.0	4.7	4.7	5.2
JERSEY (NAI-A16-3)	4.7	5.3	6.0	4.7	5.2
PROSPERITY	5.0	5.0	5.7	5.0	5.2
BLUE MAGIC (A99-2897)	6.3	5.0	4.0	5.0	5.1
DLFPS-340/3444	4.0	5.0	6.0	5.3	5.1
BABE	4.3	5.0	4.7	6.0	5.0
CLOUD (GO-2425)	3.7	5.3	5.7	5.3	5.0
J-1319	6.0	4.3	5.0	4.7	5.0
KH3492	4.3	4.0	5.7	6.0	5.0
TWILIGHT (NAI-13-132)	4.7	4.7	5.3	5.3	5.0
AKB3128	3.7	4.3	6.0	5.7	4.9
AFTER MIDNIGHT	4.0	5.0	5.3	5.3	4.9
UNITED (NAI-13-14)	5.7	4.7	4.3	4.7	4.8
ELECTRIC (PST-K11-118)	4.7	4.7	6.3	3.7	4.8
PST-K15-172	5.3	4.7	4.7	4.7	4.8
BARVETTE HGT®	5.3	4.0	5.7	4.3	4.8
DLFPS-340/3446	3.3	6.0	4.7	5.3	4.8
DLFPS-340/3556	4.3	4.0	4.7	6.3	4.8
MIDNIGHT	4.0	4.7	5.3	5.3	4.8
NK-1	4.7	5.0	5.3	4.3	4.8
PALOMA (PST-K13-139)	4.3	5.3	5.7	4.0	4.8
DLFPS-340/3438	5.3	4.7	4.3	4.7	4.8
DLFPS-340/3550	4.3	4.3	5.0	5.3	4.8
PIVOT	4.7	4.0	6.0	4.3	4.8
PPG-KB 1304	4.0	5.7	5.0	4.3	4.8
SHADOW HAWK (A16-2)	4.0	5.0	5.0	4.7	4.7
BLUE DEVIL	5.0	4.7	5.0	4.0	4.7
SHAMROCK	3.7	5.0	5.3	4.7	4.7
A06-8	4.3	4.7	5.7	3.7	4.6
RAD 553	4.7	4.7	5.3	3.7	4.6
A11-26	5.0	3.7	5.3	4.3	4.6
A15-6	3.7	5.0	5.3	4.3	4.6
A16-1	3.7	5.3	5.3	4.0	4.6
AKB3179	4.7	4.3	5.3	4.0	4.6
J-2726	4.3	4.0	5.3	4.7	4.6

TABLE 32.
(CONT'D)

SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2017 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/					
NAME	IN1	KY1	NC1	UT1	MEAN
ACOUSTIC (PPG-KB 1131)	5.7	4.3	4.3	4.0	4.6
BLUE GEM (NAI-13-9)	4.0	4.7	4.7	4.7	4.5
YELLOWSTONE (A12-7)	5.0	4.0	5.0	4.0	4.5
BAR PP 71213	4.3	4.7	5.0	4.0	4.5
PST-11-7	4.7	4.7	4.7	4.0	4.5
PST-K15-167	4.0	5.0	4.7	4.3	4.5
AMAZE (NAI-14-133)	5.3	5.0	4.3	3.3	4.5
A10-280	5.0	4.7	4.3	3.7	4.4
A11-40	4.0	5.0	4.7	4.0	4.4
BAR PP 79494	3.3	6.0	5.3	3.0	4.4
SUPER MOON (PST-K13-141)	3.7	4.7	4.7	4.7	4.4
PST-T14-39	3.3	4.3	5.3	4.7	4.4
DUBLIN (PST-K15-157)	4.3	4.3	5.0	4.0	4.4
BAR PP 79366	4.0	5.0	5.7	2.7	4.3
A13-1	4.3	3.3	5.7	4.0	4.3
BAR PP 7K426	3.7	5.3	5.3	3.0	4.3
DLFPS-340/3494	4.7	4.3	4.3	4.0	4.3
DLFPS-340/3551	4.3	3.0	5.7	4.3	4.3
MVS-130	4.3	4.7	5.3	3.0	4.3
DLFPS-340/3549	3.7	3.3	5.7	4.3	4.3
DLFPS-340/3553	3.7	4.0	5.0	4.3	4.3
NAI-14-128	4.0	4.3	4.7	4.0	4.3
COMANCHE (NAI-14-176)	3.7	4.3	5.3	3.7	4.3
PPG-KB 1320	4.0	4.7	4.7	3.3	4.2
A11-38	3.7	5.0	5.0	2.7	4.1
DLFPS-340/3548	3.0	4.7	5.0	3.3	4.0
BLUE KNIGHT	3.7	3.3	5.0	3.7	3.9
AVIATOR II (NAI-15-84)	3.0	4.0	5.3	3.0	3.8
AKB3241	4.0	3.7	4.7	2.7	3.8
A16-7	3.0	4.0	4.3	3.3	3.7
NAI-14-132	3.0	4.3	4.3	3.0	3.7
NAI-14-122	2.3	5.0	4.7	2.3	3.6
DLFPS-340/3500	4.0	3.7	4.0	2.7	3.6
NEW MOON (PST-K15-177)	3.7	3.0	5.0	2.7	3.6
FINISH LINE (NAI-14-178)	2.7	4.7	4.0	2.3	3.4
HEARTLAND (NAI-14-187)	2.3	4.3	4.3	2.0	3.3
A12-34	2.7	3.0	4.3	2.0	3.0
NAI-15-80	3.0	2.7	4.3	1.7	2.9
DLFPS-340/3364	2.0	3.0	3.7	1.3	2.5
LSD VALUE	2.1	1.5	1.6	1.3	0.8
C.V. (%)	29.4	20.7	19.3	19.3	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 33.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	CT1	IN1	ND1	OK1	TN1	MEAN
BOMBAY (GO-22B23)	6.3	6.0	5.7	7.2	7.1	6.6
J-1138	6.3	5.8	5.5	6.5	7.3	6.5
AFTER MIDNIGHT	7.0	5.2	5.5	6.7	6.9	6.4
CLOUD (GO-2425)	6.7	6.7	5.1	7.3	7.3	6.4
UNITED (NAI-13-14)	6.7	5.5	5.3	6.5	7.2	6.3
KH3492	7.0	6.0	6.0	7.2	6.3	6.3
PST-T14-39	6.7	5.3	6.3	6.5	6.5	6.3
A11-40	7.0	5.8	6.0	7.0	6.5	6.3
PPG-KB 1304	6.3	6.0	5.5	7.2	6.7	6.3
BLUE MAGIC (A99-2897)	6.7	5.2	5.3	6.8	6.8	6.3
DLFPS-340/3548	6.7	5.0	5.8	6.8	6.5	6.3
BAR PP 79494	6.7	5.3	5.5	6.7	6.8	6.2
BLUE GEM (NAI-13-9)	6.3	5.2	6.0	6.3	6.7	6.2
A11-26	6.3	6.2	5.0	6.8	6.8	6.2
SKYE	7.0	6.3	5.0	7.2	6.3	6.2
ACOUSTIC (PPG-KB 1131)	6.0	5.3	5.7	6.7	6.9	6.2
PST-K15-167	6.7	5.5	6.0	6.8	6.3	6.1
AKB3179	6.3	6.7	5.5	6.7	6.5	6.1
DLFPS-340/3455	6.3	5.5	6.3	6.7	6.1	6.1
AKB3128	6.7	6.0	6.0	6.3	6.2	6.1
DLFPS-340/3550	7.0	6.0	5.0	6.8	6.8	6.1
RAD 553	6.3	5.0	5.5	7.3	6.5	6.1
MIDNIGHT	6.0	5.0	6.0	6.5	6.5	6.1
DUBLIN (PST-K15-157)	6.7	5.5	6.3	6.5	6.1	6.1
SHADOW HAWK (A16-2)	7.0	5.7	5.5	7.2	6.2	6.0
STARR (GO-2628)	6.3	6.3	5.5	7.0	6.5	6.0
YELLOWSTONE (A12-7)	6.0	5.8	5.5	6.7	6.3	6.0
DLFPS-340/3549	7.0	6.0	5.3	6.8	6.1	6.0
BAR PP 7309V	6.7	6.2	6.0	7.2	5.6	6.0
NAI-14-122	7.0	5.3	5.8	6.0	6.2	6.0
DLFPS-340/3438	6.7	5.8	5.8	6.5	5.7	6.0
A10-280	7.0	4.5	5.9	6.8	6.1	6.0
SHAMROCK	6.7	5.2	5.7	6.8	5.9	6.0
PROSPERITY	6.3	5.7	5.3	6.7	6.8	6.0
NURUSH (J-3510)	7.0	5.8	5.3	6.2	6.5	5.9
PIVOT	6.3	5.7	5.4	6.0	6.4	5.9
A13-1	6.0	5.7	5.0	6.7	6.4	5.9
BAR PP 7K426	6.7	6.2	6.0	7.5	5.4	5.9
BAR PP 7236V	6.7	6.2	6.0	7.0	5.9	5.9
BARSERATI (BAR PP 110358)	5.7	5.5	6.3	6.8	5.8	5.9
PALOMA (PST-K13-139)	6.3	5.7	5.3	6.3	6.5	5.9
BLUE DEVIL	6.7	5.2	4.2	6.3	7.1	5.9
A16-17	6.3	6.0	5.3	7.0	6.1	5.9
AKB3241	6.7	5.3	5.5	6.5	6.1	5.9
NAI-14-128	6.7	6.3	5.3	6.2	6.3	5.9
ORION (PST-K13-143)	6.3	6.2	5.0	6.5	6.3	5.8
RAD-1776	6.0	5.3	6.0	7.0	5.7	5.8
A16-1	6.0	5.5	6.0	6.8	5.7	5.8
A15-6	7.0	5.5	4.8	7.2	6.1	5.8
PST-11-7	5.7	5.8	6.0	7.0	5.4	5.8

TABLE 33. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2018-2022 DATA

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

NAME	CT1	IN1	ND1	OK1	TN1	MEAN
BAR PP 71213	7.0	6.3	5.5	7.0	5.9	5.8
NAI-14-132	6.3	5.8	4.7	5.3	6.9	5.8
SELWAY	6.3	5.5	4.5	6.5	6.6	5.8
DLFPS-340/3553	6.3	5.0	5.3	6.7	6.1	5.7
BAR PP 79366	7.0	5.7	4.5	7.0	6.4	5.7
TWILIGHT (NAI-13-132)	7.0	4.7	5.5	6.7	6.1	5.7
MVS-130	6.7	6.3	5.5	5.8	6.1	5.7
COMANCHE (NAI-14-176)	6.3	5.3	6.3	5.3	5.8	5.7
SYRAH (LTP-11-41)	5.7	6.0	4.5	6.8	6.4	5.7
BABE	6.0	5.5	5.5	6.8	5.5	5.7
DLFPS-340/3494	7.0	4.7	5.5	6.8	6.1	5.7
NAI-15-80	6.3	5.3	6.3	5.8	5.7	5.7
AMAZE (NAI-14-133)	6.3	5.7	5.7	5.7	6.0	5.7
SUPER MOON (PST-K13-141)	6.7	5.5	5.5	6.7	5.9	5.7
A16-7	6.3	5.3	5.0	6.7	6.2	5.7
ELECTRIC (PST-K11-118)	6.3	6.5	5.5	6.5	5.8	5.6
A11-38	6.0	6.8	5.5	6.2	5.7	5.6
DLFPS-340/3364	6.3	4.7	5.3	6.3	6.0	5.6
DLFPS-340/3500	6.3	6.0	5.0	6.8	5.6	5.6
A06-8	6.3	4.8	6.0	6.5	5.7	5.6
NEW MOON (PST-K15-177)	6.7	4.3	5.0	6.2	6.3	5.6
J-1319	6.3	4.3	4.0	6.7	6.3	5.6
A12-34	6.7	5.7	5.5	6.2	5.7	5.5
JERSEY (NAI-A16-3)	6.7	6.3	6.1	7.2	4.9	5.5
BARVETTE HGT®	6.3	5.7	6.3	7.3	5.5	5.5
FINISH LINE (NAI-14-178)	6.7	4.5	5.3	6.0	5.9	5.5
KENBLUE	6.3	5.2	4.5	6.5	6.1	5.5
PPG-KB 1320	5.7	5.5	6.0	5.5	5.7	5.5
DLFPS-340/3556	6.3	4.7	4.5	6.5	6.1	5.5
HEARTLAND (NAI-14-187)	6.3	4.8	4.8	5.7	6.1	5.5
DLFPS-340/3552	6.7	6.0	4.5	6.8	5.7	5.5
PST-K15-172	6.7	6.7	5.0	6.3	5.5	5.5
DLFPS-340/3551	6.7	5.5	5.0	6.8	5.5	5.5
AVIATOR II (NAI-15-84)	6.0	4.5	4.8	5.8	5.9	5.5
DLFPS-340/3446	6.7	5.5	4.5	5.8	5.7	5.4
J-2726	6.3	6.2	4.0	6.2	6.0	5.4
NK-1	6.0	5.7	4.5	6.2	5.8	5.3
BLUE KNIGHT	6.3	5.3	4.0	6.2	6.2	5.2
DLFPS-340/3444	6.7	5.0	5.0	6.7	5.1	5.2
LSD VALUE	1.0	1.3	0.2	1.3	1.9	1.1
C.V. (%)	9.6	14.9	2.7	13.1	19.3	16.1

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.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	CT1	IA1	IN1	NC1	ND1	NE1	OK1	TN1	UT1	MEAN
BARVETTE HGT®	7.8	7.6	7.0	7.3	7.0	6.0	6.8	5.5	7.3	6.7
J-1138	7.6	6.4	5.5	6.6	7.0	5.7	5.8	6.5	4.8	6.3
BAR PP 79494	6.9	6.8	5.0	6.3	7.0	7.7	6.1	6.4	5.8	6.3
CLOUD (GO-2425)	7.6	6.1	7.2	6.1	6.0	5.0	6.4	6.3	6.7	6.3
AFTER MIDNIGHT	8.0	5.2	4.3	5.9	7.0	6.0	6.4	7.1	5.8	6.3
BLUE GEM (NAI-13-9)	7.6	6.8	4.7	5.6	7.0	6.7	5.8	6.3	7.3	6.3
BARSERATI (BAR PP 110358)	7.2	5.2	6.8	6.1	7.0	7.3	7.2	5.7	6.0	6.2
STARR (GO-2628)	7.2	7.1	6.5	6.0	6.0	4.7	5.9	6.0	7.5	6.2
UNITED (NAI-13-14)	7.6	6.9	5.3	5.3	6.3	6.7	5.8	6.9	7.3	6.1
SKYE	6.9	6.3	7.2	5.7	6.0	6.0	6.7	5.4	6.8	6.1
SELWAY	7.0	6.8	6.5	5.7	6.1	6.3	6.0	5.9	6.5	6.1
NURUSH (J-3510)	7.4	6.9	5.8	5.5	6.0	7.0	5.3	6.4	6.0	6.0
BOMBAY (GO-22B23)	7.3	6.0	6.7	5.7	6.0	4.3	5.4	6.0	8.0	6.0
TWILIGHT (NAI-13-132)	7.1	7.1	5.0	5.3	7.0	6.7	5.4	5.9	6.8	6.0
MIDNIGHT	7.2	7.0	5.5	6.2	6.3	7.3	5.3	5.6	6.2	6.0
DLFPS-340/3550	6.2	6.3	6.5	6.1	6.0	5.7	6.0	6.3	6.5	6.0
ACOUSTIC (PPG-KB 1131)	7.6	5.7	5.2	6.0	6.0	7.7	6.2	6.2	6.3	6.0
DLFPS-340/3552	7.0	6.6	5.8	6.1	6.0	7.7	6.4	4.7	7.0	6.0
A16-17	6.9	7.3	6.7	5.1	6.3	5.0	7.3	4.7	7.2	6.0
BLUE DEVIL	7.3	6.6	5.2	5.6	5.4	7.3	6.0	6.5	5.7	6.0
AKB3179	6.0	7.2	7.5	5.1	7.0	4.7	5.8	5.4	5.5	5.9
BAR PP 7236V	7.0	6.3	5.0	5.3	7.0	6.0	6.1	5.5	6.0	5.9
PST-K15-172	6.6	7.2	6.3	5.5	6.0	6.7	6.3	5.2	6.2	5.9
ELECTRIC (PST-K11-118)	7.0	5.6	6.7	6.0	6.3	7.7	5.8	5.3	5.5	5.9
PPG-KB 1304	6.7	6.9	5.5	5.2	6.0	7.7	6.6	5.5	5.7	5.8
DLFPS-340/3553	7.1	6.6	6.2	4.7	6.0	7.7	5.9	5.8	6.0	5.8
AKB3241	6.4	6.3	6.0	4.6	7.0	7.7	5.6	5.4	6.7	5.8
YELLOWSTONE (A12-7)	6.8	6.1	5.5	5.2	7.0	6.0	5.2	5.6	5.8	5.8
FINISH LINE (NAI-14-178)	7.9	7.0	5.3	3.5	7.0	4.3	5.4	5.8	7.7	5.8
RAD 553	6.1	6.2	5.3	4.6	7.0	6.7	5.5	5.5	7.3	5.8
BAR PP 7K426	5.9	6.4	4.7	5.0	7.0	6.0	6.2	5.3	6.5	5.7
NAI-15-80	8.0	6.6	5.3	3.7	7.0	7.0	6.0	5.3	6.0	5.7
SUPER MOON (PST-K13-141)	5.4	6.8	6.2	5.5	6.3	6.0	6.7	4.7	5.7	5.7
BLUE MAGIC (A99-2897)	6.2	6.8	5.0	5.0	6.0	7.7	6.3	5.9	5.7	5.7
PST-T14-39	6.6	6.0	4.8	5.5	6.3	7.3	5.1	6.1	5.3	5.7
A10-280	5.7	6.0	5.0	6.1	6.3	6.7	6.2	5.1	5.2	5.7
SYRAH (LTP-11-41)	7.3	7.3	5.0	4.1	6.3	7.7	6.1	4.9	6.0	5.6
BABE	6.9	6.2	5.2	4.7	7.0	6.7	5.9	4.6	6.0	5.6
PST-K15-167	5.9	6.7	4.7	5.5	7.0	6.0	5.5	5.3	4.5	5.6
A11-26	6.3	6.2	6.0	5.4	6.0	7.0	5.8	5.3	5.2	5.6
A11-40	7.1	5.8	6.2	4.6	6.5	6.0	5.9	4.6	6.7	5.6
BAR PP 7309V	6.4	6.0	4.7	5.1	7.0	7.0	5.2	4.7	6.8	5.6
KH3492	7.1	7.0	5.7	5.2	6.0	5.3	5.5	4.9	5.0	5.6
DUBLIN (PST-K15-157)	6.0	7.1	5.3	4.7	7.0	6.7	5.2	5.3	4.5	5.6
PST-11-7	7.3	5.8	6.2	4.3	7.0	6.3	6.4	4.3	4.5	5.6
BAR PP 79366	7.1	5.8	5.0	5.4	5.5	3.3	6.1	5.7	6.2	5.6
RAD-1776	7.0	6.2	7.0	4.5	7.0	6.3	5.6	3.7	6.3	5.6
DLFPS-340/3551	6.6	5.7	5.7	5.6	6.0	6.3	5.6	4.8	6.5	5.5
A15-6	5.8	5.4	5.0	5.5	6.0	5.7	6.0	5.4	6.2	5.5
PROSPERITY	7.1	6.6	5.7	4.7	6.3	6.7	5.0	4.7	6.7	5.5

TABLE 34.
(CONT'D)SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/									MEAN
	CT1	IA1	IN1	NC1	ND1	NE1	OK1	TN1	UT1	
HEARTLAND (NAI-14-187)	5.7	6.0	5.3	4.7	6.0	7.3	5.8	5.1	7.3	5.5
BAR PP 71213	6.9	5.8	4.7	4.3	7.0	4.3	5.9	5.1	6.2	5.5
NAI-14-128	5.9	6.8	6.5	4.1	6.3	8.0	5.0	5.5	6.3	5.5
DLFPS-340/3494	5.9	5.1	5.0	4.8	6.0	5.0	5.7	5.9	6.5	5.5
NK-1	5.2	6.2	5.5	4.8	5.5	6.3	6.5	5.2	6.2	5.5
J-2726	7.3	5.6	5.8	4.8	6.0	5.3	5.4	4.7	5.5	5.5
AKB3128	5.4	5.9	5.7	5.0	7.0	4.3	5.5	5.1	5.3	5.4
MVS-130	4.9	6.3	6.5	4.7	6.0	6.3	5.2	5.3	6.7	5.4
A12-34	5.7	6.2	5.0	4.7	6.0	7.7	5.9	5.5	5.3	5.4
JERSEY (NAI-A16-3)	7.2	6.1	5.3	4.9	6.3	6.7	5.4	3.7	6.0	5.4
NAI-14-122	5.8	6.0	5.7	4.1	6.0	6.7	5.1	5.9	6.8	5.4
NEW MOON (PST-K15-177)	7.0	6.4	4.3	4.7	6.3	6.0	5.5	5.1	5.8	5.4
SHADOW HAWK (A16-2)	7.2	6.8	6.0	4.3	6.0	5.7	5.1	5.0	6.0	5.4
A13-1	5.3	5.7	5.2	4.3	6.0	5.3	5.6	6.1	6.0	5.4
A06-8	6.3	6.1	5.2	5.1	7.0	6.3	4.2	4.9	5.5	5.4
A16-7	6.3	6.2	4.8	4.5	6.0	6.3	6.0	5.3	4.5	5.4
PIVOT	6.4	5.7	5.7	3.6	6.0	8.0	5.2	5.4	6.8	5.3
AVIATOR II (NAI-15-84)	6.0	5.9	3.8	4.5	6.0	7.7	5.0	5.3	6.3	5.3
DLFPS-340/3455	5.8	6.6	5.2	4.3	7.0	7.7	4.4	4.7	5.3	5.3
ORION (PST-K13-143)	6.8	6.2	5.7	4.0	6.0	7.7	5.5	4.3	6.3	5.3
DLFPS-340/3500	7.1	5.4	4.5	4.3	6.0	3.0	5.7	5.4	6.7	5.3
DLFPS-340/3556	6.0	6.9	4.8	4.3	6.0	6.0	5.2	5.1	5.7	5.2
DLFPS-340/3438	6.0	4.9	5.0	4.7	6.3	7.0	4.9	5.0	5.5	5.2
AMAZE (NAI-14-133)	5.6	6.1	5.8	3.7	6.0	7.7	5.6	5.2	5.8	5.2
DLFPS-340/3364	5.7	5.9	4.0	4.6	6.0	6.7	6.0	5.2	4.5	5.2
DLFPS-340/3549	6.3	6.3	5.5	4.7	6.0	7.0	5.6	3.1	5.3	5.2
NAI-14-132	6.2	5.9	5.7	3.4	6.0	7.0	4.9	5.4	6.8	5.2
DLFPS-340/3444	6.3	6.6	4.8	4.8	5.3	6.0	5.5	4.3	5.5	5.2
DLFPS-340/3548	6.1	6.3	4.5	4.1	6.0	7.3	4.9	4.4	5.3	5.1
PALOMA (PST-K13-139)	6.1	6.2	6.0	3.8	6.0	6.7	5.2	3.9	6.8	5.1
DLFPS-340/3446	6.1	5.4	4.7	4.1	6.0	6.3	5.3	5.0	5.7	5.1
COMANCHE (NAI-14-176)	5.7	6.2	5.3	3.9	6.5	7.3	4.7	4.2	5.7	5.1
SHAMROCK	6.8	5.9	4.8	4.7	6.3	5.3	4.2	3.9	5.5	5.0
BLUE KNIGHT	6.6	5.6	4.2	4.0	6.3	5.7	5.3	4.5	5.2	5.0
KENBLUE	5.4	6.7	5.8	5.0	5.5	3.0	5.0	3.9	4.7	5.0
A11-38	5.8	5.8	6.2	3.7	6.3	4.3	4.7	4.1	5.8	5.0
A16-1	6.4	6.2	4.2	3.7	7.0	6.3	4.0	4.1	5.3	4.9
J-1319	7.0	6.3	3.8	4.1	5.5	5.3	4.3	5.0	4.3	4.9
PPG-KB 1320	7.2	6.2	4.2	3.8	6.0	6.7	3.8	3.8	5.5	4.8
LSD VALUE	1.4	2.0	1.7	1.7	0.0	1.7	2.1	2.0	2.3	0.8
C.V. (%)	13.5	19.5	19.0	23.9	0.3	16.2	24.8	26.6	24.2	20.1

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 35.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	CT1	IN1	MI1	MN1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	MEAN
BARVETTE HGT®	6.3	7.3	8.7	7.7	8.0	7.3	6.2	8.4	6.7	5.5	6.7	7.1
BARSERATI (BAR PP 110358)	6.3	7.2	8.5	6.7	8.0	7.3	7.1	7.9	6.8	5.2	4.0	7.0
STARR (GO-2628)	7.0	7.0	8.2	6.7	6.7	6.5	6.8	7.9	6.9	5.8	6.3	6.9
BAR PP 7236V	7.7	7.2	8.6	5.8	6.3	7.3	6.7	7.3	6.7	5.2	6.0	6.9
BOMBAY (GO-22B23)	7.0	7.2	8.5	6.8	6.0	6.5	6.7	7.6	6.4	5.7	8.0	6.9
CLOUD (GO-2425)	6.7	6.7	8.5	6.8	6.3	6.3	6.7	6.6	6.9	5.8	5.7	6.8
SKYE	7.3	7.0	8.6	6.3	6.3	6.3	6.5	6.8	6.8	5.3	6.3	6.7
A16-17	6.7	7.0	8.1	6.7	5.3	6.3	6.9	8.3	6.3	5.1	6.7	6.7
BAR PP 79494	7.0	6.0	7.5	4.5	7.0	7.3	7.3	7.0	6.3	6.4	2.7	6.6
BLUE DEVIL	7.0	6.0	8.4	4.5	5.0	6.3	7.1	7.0	6.6	6.3	3.7	6.6
PPG-KB 1304	6.7	7.0	8.4	5.0	7.3	6.5	6.9	6.7	6.5	5.3	6.0	6.6
A11-26	7.3	7.0	7.8	6.2	5.7	6.7	6.3	7.9	6.1	5.7	4.7	6.6
NAI-14-122	6.7	6.2	8.5	5.8	6.7	7.3	7.0	6.4	6.5	4.9	3.0	6.6
J-1138	6.0	5.5	8.1	5.3	6.7	6.5	7.1	7.8	6.8	5.5	2.7	6.6
SELWAY	7.0	6.0	8.4	6.5	6.7	6.5	6.5	6.7	6.7	5.0	5.3	6.6
PST-K15-172	7.0	7.3	8.5	6.2	4.3	6.3	6.2	8.2	6.4	4.8	3.3	6.6
BLUE MAGIC (A99-2897)	7.0	5.7	8.0	4.5	5.0	7.3	7.0	6.9	6.5	5.8	3.3	6.5
BLUE GEM (NAI-13-9)	6.7	5.0	7.8	4.8	5.7	7.3	7.0	7.2	6.8	5.6	4.0	6.5
AKB3179	6.3	7.3	8.3	6.3	5.7	6.8	6.5	6.2	6.3	4.9	3.3	6.5
UNITED (NAI-13-14)	7.3	5.2	7.8	4.3	5.7	7.3	7.0	6.7	6.3	6.1	3.3	6.5
A10-280	7.3	6.7	8.4	5.5	5.0	7.0	6.2	7.1	5.7	5.5	4.0	6.5
SYRAH (LTP-11-41)	6.7	6.0	8.1	5.3	4.0	7.0	6.8	7.3	6.3	5.0	5.7	6.5
NAI-14-132	6.3	6.2	8.5	6.0	5.7	6.5	7.0	6.7	6.1	5.1	3.0	6.5
AKB3128	6.7	6.7	8.2	6.0	5.3	6.8	6.3	6.3	6.3	5.3	4.3	6.5
DLFPS-340/3553	7.3	5.8	7.9	4.7	5.7	6.3	6.5	6.7	6.7	5.8	5.3	6.5
DLFPS-340/3552	7.0	6.5	7.9	5.3	5.0	5.8	7.0	8.4	6.6	4.7	5.3	6.5
AKB3241	7.0	6.2	7.9	6.5	4.7	6.8	7.0	6.2	5.9	5.5	6.0	6.5
RAD-1776	7.0	7.2	8.5	6.0	3.3	7.3	6.5	5.1	6.3	4.9	5.0	6.5
BAR PP 7K426	7.3	6.2	8.5	5.5	3.7	7.3	6.5	6.0	6.4	4.9	4.7	6.5
MIDNIGHT	6.7	5.7	8.1	4.7	6.0	7.3	6.9	7.2	6.4	5.1	3.0	6.4
A13-1	6.7	6.3	8.4	5.3	4.0	7.3	6.3	6.4	6.1	5.5	4.0	6.4
NAI-14-128	6.3	6.7	8.1	5.0	5.3	7.3	6.9	6.7	6.1	4.8	4.0	6.4
DLFPS-340/3550	6.7	6.0	8.2	5.2	4.0	6.3	6.6	7.2	6.1	5.8	5.0	6.4
ACOUSTIC (PPG-KB 1131)	7.0	5.3	7.9	4.5	6.0	6.5	7.0	7.2	6.3	5.6	4.7	6.4
ELECTRIC (PST-K11-118)	7.0	6.3	8.4	7.0	7.5	6.8	6.4	4.4	6.5	5.1	4.0	6.4
SUPER MOON (PST-K13-141)	7.3	6.3	8.3	5.0	5.7	6.8	6.0	6.8	6.1	5.5	4.0	6.4
RAD 553	6.7	5.8	8.1	6.2	4.0	7.3	6.3	5.0	6.3	5.3	7.3	6.4
NURUSH (J-3510)	7.3	5.2	8.0	4.2	7.7	6.5	7.3	6.8	6.2	5.6	3.7	6.4
AMAZE (NAI-14-133)	7.0	6.2	8.3	5.3	6.7	6.3	6.6	6.6	6.2	5.0	3.0	6.4
A11-40	7.0	4.7	8.3	7.5	4.3	7.3	7.0	4.9	6.1	4.7	6.0	6.3
ORION (PST-K13-143)	7.0	6.5	8.1	6.3	4.7	7.0	6.2	5.0	6.4	4.9	5.3	6.3
BAR PP 71213	7.0	7.5	7.9	6.3	5.3	6.8	6.3	5.6	6.1	5.2	3.7	6.3
BAR PP 79366	6.7	6.5	8.6	6.0	5.7	6.3	5.3	5.4	6.4	6.1	2.0	6.3
JERSEY (NAI-A16-3)	6.7	6.8	8.3	5.7	4.7	6.5	6.7	6.1	6.9	3.9	3.3	6.3
MVS-130	7.3	7.2	8.1	5.5	6.7	6.3	6.3	6.2	5.9	5.1	3.0	6.3
AFTER MIDNIGHT	7.3	4.8	7.3	3.8	6.7	6.5	6.7	6.9	6.7	6.3	1.7	6.3
PST-T14-39	6.7	5.5	7.3	5.7	5.3	7.3	6.3	6.6	5.9	5.7	4.3	6.3
BAR PP 7309V	6.7	6.7	7.9	5.8	3.7	7.3	6.3	5.2	6.3	4.9	5.7	6.3
PST-K15-167	7.0	5.7	7.8	3.5	7.0	7.3	6.3	6.2	6.5	5.3	1.3	6.3
TWILIGHT (NAI-13-132)	7.3	4.8	7.7	4.7	6.7	7.3	6.8	6.2	5.9	5.3	3.7	6.2

TABLE 35.
(CONT'D)FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	CT1	IN1	MI1	MN1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	MEAN
COMANCHE (NAI-14-176)	6.7	6.5	8.3	5.8	5.7	7.3	6.5	5.6	5.7	4.5	2.7	6.2
DLFPS-340/3438	7.0	7.3	8.3	4.7	5.0	7.0	6.1	5.4	6.1	4.6	4.0	6.2
HEARTLAND (NAI-14-187)	6.7	5.0	8.1	5.3	6.7	6.3	6.7	6.6	5.9	4.8	4.0	6.2
PALOMA (PST-K13-139)	6.7	6.8	8.3	6.3	5.3	6.3	6.2	4.0	5.9	5.1	6.0	6.2
A15-6	7.0	5.5	7.5	4.3	5.7	6.3	6.4	5.9	6.3	5.5	4.7	6.2
DLFPS-340/3551	6.7	5.8	8.0	4.8	5.3	5.8	6.8	6.4	6.5	4.6	4.7	6.2
BABE	6.7	5.3	7.9	5.2	4.7	6.8	7.1	4.7	6.7	4.4	4.0	6.1
KH3492	7.0	6.0	7.9	5.7	6.0	6.5	6.7	4.9	6.7	4.1	4.3	6.1
PIVOT	7.0	5.2	7.4	5.8	5.7	6.3	6.7	5.4	5.9	5.6	4.7	6.1
YELLOWSTONE (A12-7)	6.3	6.3	8.1	6.5	5.0	6.8	6.3	3.3	6.1	5.3	3.7	6.1
SHADOW HAWK (A16-2)	7.3	5.5	7.7	5.7	4.7	6.8	6.3	4.4	6.2	5.4	4.3	6.1
NAI-15-80	6.3	4.5	7.9	5.8	3.7	7.3	6.7	6.0	5.9	5.0	3.0	6.1
A12-34	7.0	5.0	8.3	4.3	4.0	6.3	6.3	6.1	5.9	5.2	5.0	6.1
FINISH LINE (NAI-14-178)	6.7	5.3	7.4	6.7	6.0	6.8	5.9	6.7	6.0	4.7	4.0	6.1
DLFPS-340/3548	6.7	6.7	7.9	5.0	4.7	6.5	6.1	5.6	6.2	4.6	4.7	6.1
DLFPS-340/3455	6.7	5.8	7.9	5.8	3.3	6.8	6.5	5.1	6.1	4.7	4.3	6.1
NK-1	7.3	6.8	8.0	3.7	4.3	6.5	6.0	5.9	6.0	4.9	4.0	6.1
DLFPS-340/3500	7.0	6.8	8.1	6.0	4.3	6.0	5.1	5.7	5.9	5.0	3.7	6.0
DLFPS-340/3549	7.3	6.5	8.2	5.8	4.0	6.8	6.1	4.9	6.3	4.0	3.0	6.0
DLFPS-340/3446	7.0	6.2	8.1	4.8	4.0	6.3	6.2	4.9	6.2	4.4	5.7	6.0
A06-8	6.7	5.5	7.8	3.8	5.7	6.5	6.7	5.7	5.5	5.3	5.0	6.0
A16-7	7.3	5.2	7.5	4.2	4.7	6.3	6.6	4.8	6.3	5.6	2.7	6.0
DUBLIN (PST-K15-157)	7.0	5.3	7.9	5.2	5.0	7.0	6.3	4.6	5.9	5.1	3.0	6.0
NEW MOON (PST-K15-177)	6.7	5.5	7.6	5.3	4.0	6.3	6.8	4.7	6.0	4.9	5.7	6.0
DLFPS-340/3494	7.3	4.7	7.1	6.0	6.0	6.3	6.3	3.4	6.6	5.3	4.0	5.9
A11-38	7.0	5.3	8.1	7.3	5.0	7.0	5.7	3.6	5.7	4.5	3.7	5.9
DLFPS-340/3444	7.0	5.5	7.0	4.3	5.0	6.3	6.6	5.3	6.3	4.5	4.0	5.9
PROSPERITY	7.0	5.5	7.2	4.8	5.0	6.3	6.7	4.6	5.7	5.1	5.0	5.9
DLFPS-340/3556	7.0	5.3	8.1	5.2	4.7	5.8	5.7	4.8	5.9	5.1	4.3	5.9
DLFPS-340/3364	7.0	5.3	7.5	3.2	4.7	6.3	6.2	6.0	5.7	5.3	2.7	5.9
AVIATOR II (NAI-15-84)	6.3	4.8	7.5	5.2	4.0	6.3	6.4	3.3	5.9	5.0	5.0	5.8
KENBLUE	6.3	6.0	7.5	6.2	3.3	5.8	5.1	4.7	6.3	4.4	5.0	5.8
J-2726	7.0	4.8	7.0	5.3	5.7	6.3	6.5	4.8	6.1	4.7	1.0	5.7
SHAMROCK	7.0	4.5	6.8	5.2	4.3	7.5	6.2	3.9	5.5	4.6	5.7	5.7
J-1319	7.3	4.0	7.5	4.3	4.7	6.5	6.8	4.0	6.1	5.1	1.7	5.7
BLUE KNIGHT	6.7	4.7	6.6	5.3	3.0	7.3	5.8	4.4	6.3	4.7	2.3	5.7
A16-1	6.0	4.8	7.2	5.2	3.7	6.8	6.2	3.7	5.8	4.7	5.0	5.6
PST-11-7	6.7	6.0	6.3	4.8	4.3	7.5	6.5	2.7	6.8	4.1	1.7	5.6
PPG-KB 1320	6.3	4.5	7.1	6.5	5.3	7.0	6.2	3.3	5.4	3.7	2.7	5.5
LSD VALUE	1.0	1.1	1.3	1.5	2.0	0.1	1.2	1.9	1.3	2.1	2.0	0.6
C.V. (%)	8.8	12.1	10.4	16.6	23.1	1.0	11.0	20.6	13.8	26.7	29.2	15.3

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

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

TABLE 36. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AR1	NC1	ND1	OK1	TN1	VA1	MEAN
A06-8	97.0	76.7	95.8	93.3	92.7	99.0	94.2
BLUE MAGIC (A99-2897)	97.5	75.0	93.8	97.0	92.3	99.0	93.9
AKB3128	98.2	81.7	94.6	94.3	90.5	99.0	93.8
ELECTRIC (PST-K11-118)	98.0	85.0	93.6	91.7	91.7	99.0	93.6
BARSERATI (BAR PP 110358)	98.5	78.3	94.6	94.0	89.9	99.0	93.4
BAR PP 7236V	97.0	85.0	93.0	93.0	90.3	99.0	93.3
BOMBAY (GO-22B23)	96.5	80.0	91.0	94.7	93.1	99.0	93.2
DLFPS-340/3455	96.7	73.3	94.6	96.7	89.5	99.0	93.2
A11-40	98.0	78.3	96.6	91.0	88.3	99.0	93.2
DLFPS-340/3550	98.0	85.0	89.0	95.0	93.0	98.0	93.1
A13-1	98.0	75.0	93.8	89.7	92.2	99.0	93.0
SHADOW HAWK (A16-2)	96.3	73.3	90.7	97.7	92.3	99.0	92.9
BAR PP 7K426	94.8	80.0	93.0	95.3	89.8	99.0	92.9
A15-6	97.8	78.3	88.7	94.0	94.5	99.0	92.9
A16-1	91.7	83.3	93.0	92.3	90.6	99.0	92.7
DLFPS-340/3500	98.0	66.7	90.0	95.0	94.4	99.0	92.7
SUPER MOON (PST-K13-141)	97.5	75.0	93.1	90.7	91.3	99.0	92.6
RAD 553	97.5	73.3	93.5	94.0	89.9	98.3	92.6
CLOUD (GO-2425)	97.7	75.0	88.3	98.0	92.2	99.0	92.6
A10-280	96.8	80.0	93.9	88.3	90.5	99.0	92.5
STARR (GO-2628)	97.0	75.0	90.0	98.3	90.5	99.0	92.5
SYRAH (LTP-11-41)	95.3	85.0	90.3	96.7	87.9	99.0	92.4
PPG-KB 1304	97.7	75.0	91.0	96.0	90.5	99.0	92.4
AKB3179	97.8	80.0	93.3	92.3	88.5	98.3	92.4
MIDNIGHT	98.0	78.3	94.3	93.3	87.3	98.7	92.3
RAD-1776	97.3	83.3	93.0	90.0	87.9	99.0	92.3
BLUE GEM (NAI-13-9)	98.3	76.7	93.0	87.7	90.9	99.0	92.2
PALOMA (PST-K13-139)	96.7	81.7	90.0	92.3	90.5	99.0	92.2
NAI-15-80	98.0	73.3	94.6	89.7	88.9	99.0	92.2
DLFPS-340/3438	95.3	80.0	92.3	92.3	90.3	97.0	92.2
KH3492	96.8	80.0	92.0	94.3	87.2	99.0	92.1
ACOUSTIC (PPG-KB 1131)	98.7	73.3	92.3	89.7	90.8	99.0	92.0
DUBLIN (PST-K15-157)	97.5	71.7	97.4	87.7	88.7	97.0	91.9
BAR PP 79494	97.8	70.0	91.7	93.0	90.0	99.0	91.9
A16-17	98.7	81.7	89.0	93.3	93.7	93.1	91.9
SELWAY	97.5	76.7	88.7	95.0	89.9	99.0	91.8
DLFPS-340/3552	97.2	76.7	87.0	98.0	92.5	95.5	91.8
DLFPS-340/3551	98.0	86.7	89.0	94.7	86.4	99.0	91.8
PST-11-7	98.3	80.0	96.6	94.7	82.1	97.0	91.7
JERSEY (NAI-A16-3)	97.0	81.7	95.3	94.7	81.9	98.3	91.7
KENBLUE	95.3	75.0	88.0	93.3	92.3	98.3	91.7
BARVETTE HGT®	96.7	78.3	92.0	87.6	90.7	99.0	91.6
SKYE	96.3	81.7	88.7	95.3	88.4	99.0	91.6
PST-K15-167	97.8	70.0	93.0	92.7	88.7	97.5	91.5
BAR PP 7309V	96.7	76.7	94.6	86.8	88.3	98.3	91.5
YELLOWSTONE (A12-7)	97.2	78.3	91.0	95.7	87.2	98.3	91.5
BAR PP 71213	96.5	78.3	91.0	93.3	87.5	98.3	91.5
J-1138	98.5	71.7	91.0	90.0	89.8	99.0	91.4
DLFPS-340/3444	94.3	81.7	90.0	96.0	87.7	97.8	91.4
AKB3241	96.2	70.0	93.0	92.0	87.5	99.0	91.3

TABLE 36. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2018-2022 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AR1	NC1	ND1	OK1	TN1	VA1	MEAN
UNITED (NAI-13-14)	98.2	68.3	90.0	92.3	91.3	97.3	91.2
MVS-130	93.8	71.7	91.0	88.3	91.3	99.0	91.2
PROSPERITY	97.3	81.7	90.0	91.7	88.9	97.0	91.1
SHAMROCK	97.0	78.3	92.8	94.0	85.1	96.8	91.1
BAR PP 79366	98.3	80.0	84.0	94.0	92.5	98.3	91.1
A11-26	96.2	80.0	88.0	91.3	89.3	99.0	91.1
DLFPS-340/3553	98.3	73.3	88.0	95.0	89.3	99.0	91.1
A11-38	97.2	75.0	92.0	90.3	88.4	96.7	91.0
PST-T14-39	96.7	78.3	95.8	90.7	85.9	96.0	91.0
ORION (PST-K13-143)	97.0	78.3	90.0	93.3	85.7	99.0	91.0
NAI-14-128	94.2	71.7	92.0	87.3	90.3	98.3	91.0
BABE	96.8	66.7	92.9	91.0	86.5	99.0	90.8
DLFPS-340/3548	95.8	76.7	92.3	95.7	82.7	99.0	90.8
NURUSH (J-3510)	98.3	75.0	87.0	94.0	89.0	99.0	90.8
BLUE DEVIL	98.2	73.3	87.3	91.3	90.0	99.0	90.7
DLFPS-340/3556	98.2	78.3	87.0	93.7	89.3	97.1	90.6
AFTER MIDNIGHT	98.0	70.0	91.8	95.7	84.9	99.0	90.5
DLFPS-340/3549	97.5	86.7	89.7	94.0	81.3	99.0	90.4
DLFPS-340/3446	97.0	78.3	88.0	88.0	88.9	98.3	90.2
PIVOT	96.7	75.0	90.3	83.3	89.4	98.3	90.2
A16-7	98.2	70.0	86.0	93.0	89.6	97.8	90.0
NAI-14-122	95.0	76.7	92.0	82.0	86.6	99.0	89.9
A12-34	96.0	71.7	88.0	91.0	87.4	99.0	89.8
COMANCHE (NAI-14-176)	94.7	65.0	94.6	83.3	86.2	98.3	89.8
DLFPS-340/3494	95.7	70.0	91.0	86.0	90.1	94.7	89.6
AVIATOR II (NAI-15-84)	96.7	75.0	89.0	90.0	84.6	99.0	89.5
HEARTLAND (NAI-14-187)	94.0	76.7	91.0	87.7	85.0	98.3	89.5
AMAZE (NAI-14-133)	92.3	70.0	90.0	84.0	88.1	98.7	89.3
NEW MOON (PST-K15-177)	96.2	68.3	89.0	89.7	86.9	95.8	89.0
PST-K15-172	96.5	73.3	89.0	92.0	81.6	97.8	88.7
TWILIGHT (NAI-13-132)	98.7	75.0	91.0	86.0	82.0	99.0	88.6
NK-1	97.8	73.3	84.0	81.7	90.3	99.0	88.5
FINISH LINE (NAI-14-178)	97.3	68.3	91.0	84.3	83.3	97.8	88.2
J-1319	97.5	70.0	84.0	93.0	84.5	98.3	88.1
NAI-14-132	95.2	68.3	86.7	83.3	87.9	97.1	88.0
J-2726	97.3	80.0	84.0	91.7	81.1	98.3	87.8
PPG-KB 1320	97.8	78.3	93.0	86.7	78.2	93.4	87.8
DLFPS-340/3364	97.5	60.0	88.0	85.7	86.0	97.5	87.6
BLUE KNIGHT	96.8	70.0	90.0	87.3	79.3	97.5	87.4
LSD VALUE	2.6	13.5	1.2	10.0	9.3	4.0	3.8
C.V. (%)	1.7	11.1	0.9	6.8	6.7	2.5	5.1

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 37. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	AR1	NC1	ND1	OK1	TN1	MEAN
AKB3128	90.8	97.7	96.6	85.6	82.9	89.1
A16-17	96.0	97.0	94.7	86.3	82.7	89.1
STARR (GO-2628)	90.5	97.7	94.0	84.6	85.4	89.0
J-1138	87.7	95.7	93.6	86.5	85.5	88.9
BLUE MAGIC (A99-2897)	88.0	93.0	95.8	91.6	79.8	88.8
BARVETTE HGT®	91.7	96.3	96.6	79.4	86.3	88.7
BARSERATI (BAR PP 110358)	94.0	94.3	96.6	80.8	83.7	88.4
A15-6	91.2	96.3	92.5	80.7	86.1	88.2
BAR PP 79494	90.5	91.7	95.9	86.4	80.6	88.2
BLUE GEM (NAI-13-9)	91.8	94.0	96.6	85.4	80.1	88.0
SELWAY	93.0	97.0	92.1	82.3	83.9	87.8
BAR PP 7236V	90.7	97.7	96.6	81.2	80.8	87.8
BAR PP 7K426	83.8	97.7	96.6	87.5	78.5	87.8
SUPER MOON (PST-K13-141)	88.3	97.7	95.9	79.6	84.8	87.7
BOMBAY (GO-22B23)	85.0	97.0	93.8	83.6	83.5	87.5
A13-1	93.3	92.3	96.3	81.3	82.2	87.3
A11-40	88.2	97.0	97.4	81.9	79.4	87.2
PPG-KB 1304	95.0	97.0	95.1	80.7	80.5	87.0
CLOUD (GO-2425)	87.0	97.0	93.2	81.8	82.4	86.9
A11-26	89.0	97.7	93.8	81.7	81.7	86.8
ACOUSTIC (PPG-KB 1131)	86.7	94.0	94.3	80.9	82.1	86.8
ELECTRIC (PST-K11-118)	91.7	97.7	96.6	74.7	83.8	86.7
DLFPS-340/3550	91.2	98.3	92.8	77.8	84.3	86.6
NAI-15-80	90.2	90.0	96.6	83.2	77.2	86.5
BAR PP 71213	80.3	92.3	95.1	82.5	82.1	86.2
SKYE	88.2	98.3	93.3	81.6	79.6	86.2
A10-280	93.3	98.3	96.1	76.6	81.4	86.1
DLFPS-340/3494	93.3	95.0	94.8	77.2	80.6	86.0
PST-K15-172	84.0	97.0	93.8	84.0	79.1	86.0
BLUE DEVIL	86.7	97.0	91.3	79.8	83.3	85.9
BAR PP 79366	88.2	96.3	90.8	80.5	83.5	85.8
NEW MOON (PST-K15-177)	90.0	96.3	93.8	83.9	76.4	85.8
DLFPS-340/3553	90.3	91.7	92.0	83.0	79.9	85.7
AKB3179	85.2	99.0	95.6	83.3	75.5	85.7
AFTER MIDNIGHT	92.7	91.7	94.6	78.3	80.3	85.5
DLFPS-340/3552	87.8	95.7	92.0	76.3	83.5	85.5
DLFPS-340/3364	91.3	91.7	92.0	85.2	77.4	85.4
PST-T14-39	86.0	94.7	98.2	74.3	79.9	85.4
PST-K15-167	91.0	96.3	97.4	73.1	79.3	85.0
AKB3241	88.2	96.3	96.6	73.6	79.9	85.0
TWILIGHT (NAI-13-132)	88.7	97.0	96.3	67.7	82.9	84.8
DLFPS-340/3551	91.5	99.0	92.8	76.8	78.1	84.8
SYRAH (LTP-11-41)	88.7	96.3	93.8	81.5	73.9	84.6
YELLOWSTONE (A12-7)	85.0	97.0	95.6	77.8	77.1	84.5
UNITED (NAI-13-14)	88.0	92.3	93.6	73.4	81.5	84.5
RAD 553	92.2	94.7	96.6	71.8	78.8	84.5
NURUSH (J-3510)	89.5	97.7	84.5	76.7	86.2	84.3
FINISH LINE (NAI-14-178)	91.8	95.0	97.2	73.4	76.0	84.1
KH3492	87.0	97.7	94.5	74.3	76.2	84.1
A12-34	87.0	96.3	92.8	71.5	81.3	83.9

TABLE 37.
(CONT'D)PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	AR1	NC1	ND1	OK1	TN1	MEAN
DUBLIN (PST-K15-157)	76.3	97.0	97.4	72.6	78.9	83.8
DLFPS-340/3500	90.8	90.0	95.5	69.8	79.9	83.3
NK-1	91.3	93.7	91.5	69.3	81.2	83.3
MIDNIGHT	90.3	96.3	96.6	65.0	78.3	82.7
DLFPS-340/3446	88.7	93.0	93.1	71.0	78.7	82.7
ORION (PST-K13-143)	91.3	90.0	96.6	74.8	70.2	82.5
JERSEY (NAI-A16-3)	88.2	97.7	96.6	74.1	67.9	82.4
PST-11-7	91.3	97.7	97.7	72.8	69.3	82.4
A16-7	87.3	96.3	92.0	65.3	80.7	82.2
DLFPS-340/3444	77.0	95.7	93.8	78.1	71.3	82.0
RAD-1776	81.3	95.7	96.6	78.6	66.3	81.9
NAI-14-122	76.8	94.7	95.0	65.7	77.9	81.6
PIVOT	77.7	97.0	95.5	66.4	79.3	81.6
MVS-130	67.7	91.3	93.5	69.2	81.4	81.2
BAR PP 7309V	76.8	97.0	96.6	69.1	75.3	81.2
AVIATOR II (NAI-15-84)	81.7	93.0	93.8	69.3	74.5	80.9
HEARTLAND (NAI-14-187)	76.8	97.0	95.5	69.7	72.5	80.9
BLUE KNIGHT	78.2	93.3	92.8	72.6	73.5	80.8
DLFPS-340/3556	87.0	96.3	92.0	60.3	82.7	80.7
SHADOW HAWK (A16-2)	84.3	97.7	94.6	57.8	79.3	80.6
DLFPS-340/3455	91.5	92.3	96.6	59.1	74.1	80.4
A06-8	89.3	97.0	97.4	57.1	75.3	80.4
BABE	87.7	94.0	95.6	61.5	72.2	79.8
NAI-14-128	71.5	93.3	95.8	61.3	76.9	79.3
KENBLUE	83.0	94.7	92.0	57.9	77.1	79.3
DLFPS-340/3438	88.3	97.0	95.9	48.7	79.4	79.1
J-2726	88.2	97.7	93.5	67.7	66.1	78.8
DLFPS-340/3548	83.0	95.7	95.5	70.3	62.3	78.7
PALOMA (PST-K13-139)	80.0	96.3	93.0	64.0	70.7	78.6
J-1319	86.3	94.0	91.8	57.2	75.3	78.1
NAI-14-132	73.3	86.7	92.5	59.4	74.6	77.7
DLFPS-340/3549	84.8	98.3	94.5	61.1	65.4	77.7
AMAZE (NAI-14-133)	72.7	93.3	92.8	54.7	74.9	77.6
SHAMROCK	81.8	94.0	95.4	51.3	71.4	76.5
PROSPERITY	90.0	97.0	94.3	51.7	68.5	76.4
A11-38	83.5	97.0	93.0	58.0	65.3	75.7
COMANCHE (NAI-14-176)	70.2	94.0	97.4	50.7	64.3	74.8
PPG-KB 1320	86.5	97.0	96.6	45.1	67.1	74.5
A16-1	71.2	97.0	96.6	35.8	74.3	73.8
LSD VALUE	12.1	5.6	3.6	34.7	16.1	11.0
C.V. (%)	8.8	3.6	2.4	31.6	15.4	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 38. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	AR1	ND1	NJ2	OK1	TN1	VA1	MEAN
BARVETTE HGT®	95.2	99.0	98.7	85.7	92.2	99.0	95.1
CLOUD (GO-2425)	90.0	95.8	97.7	83.1	92.9	99.0	93.1
BARSERATI (BAR PP 110358)	93.0	99.0	99.0	73.7	91.6	99.0	92.6
SKYE	92.5	95.8	95.7	79.7	91.7	99.0	92.0
BLUE DEVIL	95.5	95.5	90.6	76.3	94.6	99.0	91.7
J-1138	94.3	97.9	94.6	73.2	92.3	99.0	91.6
STARR (GO-2628)	94.2	96.3	94.5	71.4	91.1	99.0	91.0
BAR PP 7236V	94.0	99.0	93.8	77.3	86.0	99.0	90.9
BLUE MAGIC (A99-2897)	93.8	99.0	96.9	60.6	91.7	99.0	90.7
A10-280	94.7	97.4	96.5	62.1	93.7	99.0	90.6
BOMBAY (GO-22B23)	93.0	96.6	95.2	71.9	89.4	99.0	90.6
A11-26	93.7	96.6	95.8	69.4	91.1	99.0	90.6
A15-6	93.0	95.8	91.8	77.1	90.3	99.0	90.5
UNITED (NAI-13-14)	94.8	96.6	92.1	70.9	90.9	99.0	90.4
PPG-KB 1304	95.2	96.6	96.2	74.1	85.7	99.0	90.2
SUPER MOON (PST-K13-141)	92.7	97.4	93.4	64.4	93.4	99.0	90.0
A16-17	95.3	96.6	97.9	70.0	86.0	96.0	89.9
DLFPS-340/3552	94.0	95.8	96.1	68.2	89.3	99.0	89.9
ELECTRIC (PST-K11-118)	95.5	97.4	86.6	67.7	93.3	99.0	89.5
BAR PP 7309V	90.7	98.7	84.0	78.9	89.0	96.0	89.4
TWILIGHT (NAI-13-132)	94.5	98.2	87.3	64.4	92.5	99.0	89.1
MIDNIGHT	94.5	99.0	91.8	62.8	90.1	97.7	89.1
BLUE GEM (NAI-13-9)	95.2	99.0	91.8	62.8	88.7	99.0	89.0
ACOUSTIC (PPG-KB 1131)	94.3	96.6	93.3	61.6	90.7	99.0	88.9
DLFPS-340/3550	93.8	95.8	94.7	60.0	93.1	99.0	88.8
BAR PP 79366	93.0	96.6	94.8	53.3	95.9	96.0	88.7
BAR PP 79494	92.2	98.7	88.8	63.7	91.4	99.0	88.5
AFTER MIDNIGHT	95.0	98.5	91.4	62.8	90.0	99.0	88.5
DLFPS-340/3553	94.0	96.3	91.8	63.3	90.0	99.0	88.5
AKB3128	94.3	99.0	93.5	54.4	89.7	99.0	88.3
BAR PP 7K426	91.2	99.0	89.6	66.6	87.9	99.0	88.3
NURUSH (J-3510)	95.0	96.6	94.3	55.7	90.5	99.0	88.2
DLFPS-340/3500	94.8	98.2	96.3	43.3	94.5	99.0	87.8
BAR PP 71213	94.3	97.9	94.0	63.2	84.3	96.0	87.8
PST-K15-172	92.2	96.6	98.0	58.9	84.5	96.0	87.4
SELWAY	92.5	95.1	86.3	66.0	89.9	99.0	87.2
A13-1	94.0	99.0	96.7	56.0	84.3	99.0	87.2
AKB3241	93.0	98.5	93.5	47.2	90.5	99.0	86.7
A16-7	91.8	96.6	82.7	63.2	90.9	96.0	86.5
DLFPS-340/3364	93.5	95.8	83.5	61.4	91.5	94.3	86.3
A12-34	90.8	96.6	91.0	57.1	86.6	99.0	86.2
DLFPS-340/3551	92.7	96.6	92.9	70.0	75.6	99.0	86.0
SYRAH (LTP-11-41)	93.0	97.4	90.8	65.9	78.1	99.0	85.8
PST-T14-39	92.3	99.0	92.2	45.0	89.7	91.3	85.7
NAI-15-80	91.7	99.0	79.4	67.6	83.2	99.0	85.5
NK-1	91.5	97.1	91.3	53.2	84.3	99.0	85.4
KH3492	94.3	97.4	80.8	67.2	81.9	99.0	85.2
NAI-14-128	83.5	97.9	84.0	67.7	81.2	96.0	84.6
DLFPS-340/3438	89.5	88.5	89.8	42.2	90.5	92.7	84.6
YELLOWSTONE (A12-7)	90.5	96.7	75.4	68.7	86.5	97.7	84.5

TABLE 38.
(CONT'D)PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	ND1	NJ2	OK1	TN1	VA1	MEAN
DLFPS-340/3494	94.0	97.4	66.5	72.9	87.9	86.7	84.2
ORION (PST-K13-143)	91.5	99.0	76.5	66.4	80.5	99.0	84.2
MVS-130	85.2	95.5	78.9	58.8	90.6	99.0	84.2
PST-K15-167	94.7	99.0	86.1	47.2	84.5	94.7	84.0
SHADOW HAWK (A16-2)	90.3	97.4	80.8	65.0	80.2	99.0	84.0
DLFPS-340/3556	93.3	95.8	91.3	44.4	87.7	93.0	83.8
RAD 553	91.7	98.2	83.1	43.9	88.3	97.7	83.8
NAI-14-122	87.3	99.0	79.8	63.9	79.3	99.0	83.6
PIVOT	85.5	97.4	84.4	39.4	91.8	99.0	83.2
A11-40	94.2	98.7	81.1	50.4	82.9	99.0	83.0
AKB3179	91.2	98.2	80.2	58.3	80.4	97.7	83.0
NEW MOON (PST-K15-177)	94.8	96.6	72.8	68.2	78.7	88.3	82.6
AMAZE (NAI-14-133)	82.2	96.6	81.1	59.8	81.6	99.0	82.3
A06-8	93.5	99.0	81.1	43.3	83.0	99.0	82.3
NAI-14-132	80.3	96.3	82.3	60.4	80.5	94.3	82.0
FINISH LINE (NAI-14-178)	94.5	98.2	81.9	45.0	82.0	94.3	81.8
DLFPS-340/3446	93.5	96.6	81.5	41.1	84.9	96.0	81.7
DLFPS-340/3455	92.0	98.5	73.2	55.6	83.3	99.0	81.7
JERSEY (NAI-A16-3)	94.3	98.2	74.8	72.2	68.5	96.0	81.6
BABE	93.3	97.4	77.3	61.0	76.3	99.0	81.5
DLFPS-340/3549	89.0	97.4	71.1	64.9	75.8	99.0	80.8
HEARTLAND (NAI-14-187)	87.5	97.4	82.3	40.6	82.4	96.0	80.5
DLFPS-340/3548	89.2	98.7	70.7	67.7	71.5	99.0	80.4
J-1319	89.2	95.8	81.7	42.8	80.9	97.7	80.1
DUBLIN (PST-K15-157)	90.0	99.0	75.8	35.4	84.5	92.7	80.0
RAD-1776	91.0	99.0	64.8	59.9	77.1	99.0	79.4
KENBLUE	86.0	95.6	61.9	52.7	85.1	97.7	78.7
COMANCHE (NAI-14-176)	86.8	99.0	76.2	35.0	77.2	96.0	77.5
PROSPERITY	89.2	96.6	69.5	42.2	77.5	92.7	77.2
SHAMROCK	93.0	97.9	62.3	40.6	80.4	99.0	76.7
DLFPS-340/3444	88.8	95.8	62.7	54.4	74.1	96.0	76.7
PST-11-7	95.5	99.0	43.8	80.6	65.4	91.3	76.5
AVIATOR II (NAI-15-84)	86.5	95.8	52.8	56.7	80.7	99.0	76.5
BLUE KNIGHT	88.2	95.0	59.9	52.8	75.4	96.3	76.1
J-2726	92.7	95.1	79.6	40.0	67.1	96.0	76.0
A16-1	86.7	98.5	57.3	40.0	82.4	99.0	75.5
A11-38	90.8	97.4	60.8	42.2	73.3	93.0	74.5
PALOMA (PST-K13-139)	91.5	96.6	57.8	38.3	77.3	99.0	74.2
PPG-KB 1320	86.8	96.6	45.4	25.6	67.9	80.0	66.8
LSD VALUE	6.0	1.0	14.3	35.8	18.5	6.3	9.5
C.V. (%)	4.1	0.7	11.1	40.3	14.0	4.1	13.8

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

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

TABLE 39.

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	IN1	KY1	TN1	MEAN
BLUE MAGIC (A99-2897)	6.3	5.0	5.7	5.7
A16-7	6.3	4.7	5.7	5.6
FINISH LINE (NAI-14-178)	7.0	5.0	4.7	5.6
A15-6	5.0	5.3	6.0	5.4
AVIATOR II (NAI-15-84)	4.7	6.0	5.3	5.3
STARR (GO-2628)	5.3	4.7	6.0	5.3
A11-40	6.0	5.0	4.7	5.2
DLFPS-340/3556	4.7	5.0	6.0	5.2
NAI-15-80	6.0	5.7	4.0	5.2
PPG-KB 1304	4.7	5.3	5.7	5.2
PROSPERITY	6.7	5.0	4.0	5.2
SHAMROCK	6.0	5.3	4.3	5.2
PST-11-7	6.3	4.0	5.3	5.2
SHADOW HAWK (A16-2)	5.7	4.7	5.0	5.1
BABE	5.7	5.0	4.7	5.1
YELLOWSTONE (A12-7)	5.0	4.7	5.7	5.1
DLFPS-340/3364	5.7	5.3	4.3	5.1
ORION (PST-K13-143)	5.7	4.3	5.3	5.1
SYRAH (LTP-11-41)	5.0	5.0	5.3	5.1
A06-8	5.7	5.0	4.3	5.0
A16-1	6.0	4.7	4.3	5.0
BAR PP 79494	5.3	4.0	5.7	5.0
DLFPS-340/3553	5.7	5.3	4.0	5.0
PIVOT	5.3	4.7	5.0	5.0
AFTER MIDNIGHT	6.0	4.0	4.7	4.9
DLFPS-340/3444	6.0	4.7	4.0	4.9
DLFPS-340/3550	5.3	4.7	4.7	4.9
DLFPS-340/3551	4.0	5.0	5.7	4.9
KH3492	5.7	5.0	4.0	4.9
BAR PP 7236V	5.3	5.0	4.3	4.9
DUBLIN (PST-K15-157)	5.3	5.0	4.3	4.9
ELECTRIC (PST-K11-118)	4.3	4.3	6.0	4.9
J-1319	5.7	4.7	4.0	4.8
UNITED (NAI-13-14)	5.7	4.0	4.7	4.8
A10-280	4.3	5.0	5.0	4.8
BLUE DEVIL	5.3	4.0	5.0	4.8
DLFPS-340/3446	5.0	5.3	4.0	4.8
PST-K15-167	5.0	4.0	5.3	4.8
SUPER MOON (PST-K13-141)	4.3	4.7	5.3	4.8
BAR PP 71213	4.7	5.0	4.3	4.7
BARVETTE HGT®	3.3	5.7	5.0	4.7
BOMBAY (GO-22B23)	4.0	4.3	5.7	4.7
J-1138	5.0	3.7	5.3	4.7
J-2726	5.0	4.3	4.7	4.7
KENBLUE	4.0	5.0	5.0	4.7
A11-38	5.0	4.7	4.0	4.6
AKB3241	4.3	4.7	4.7	4.6
DLFPS-340/3548	4.0	4.7	5.0	4.6
DLFPS-340/3549	3.3	4.7	5.7	4.6
PALOMA (PST-K13-139)	4.0	4.7	5.0	4.6
A12-34	3.3	5.0	5.3	4.6
DLFPS-340/3438	3.7	5.0	5.0	4.6
PPG-KB 1320	6.0	4.3	3.3	4.6
NURUSH (J-3510)	5.0	3.7	4.7	4.4

TABLE 39.
(CONT'D)

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	IN1	KY1	TN1	MEAN
A13-1	4.0	5.0	4.3	4.4
BAR PP 7309V	4.7	5.0	3.7	4.4
BAR PP 7K426	4.7	4.3	4.3	4.4
BLUE GEM (NAI-13-9)	5.3	3.7	4.3	4.4
BLUE KNIGHT	5.7	4.0	3.7	4.4
MVS-130	3.0	4.0	6.3	4.4
RAD-1776	4.0	5.0	4.3	4.4
AKB3179	3.3	5.0	4.7	4.3
A16-17	3.7	4.0	5.3	4.3
ACOUSTIC (PPG-KB 1131)	6.0	3.3	3.7	4.3
AKB3128	3.7	5.0	4.3	4.3
BARSERATI (BAR PP 110358)	3.7	5.3	4.0	4.3
CLOUD (GO-2425)	4.0	4.0	5.0	4.3
DLFPS-340/3494	4.7	4.0	4.3	4.3
DLFPS-340/3500	3.0	4.7	5.3	4.3
DLFPS-340/3552	3.3	4.3	5.3	4.3
NK-1	4.3	4.7	4.0	4.3
PST-T14-39	4.7	5.0	3.3	4.3
SKYE	4.3	4.0	4.7	4.3
HEARTLAND (NAI-14-187)	2.7	4.0	6.0	4.2
DLFPS-340/3455	3.7	4.7	4.0	4.1
NEW MOON (PST-K15-177)	4.7	3.3	4.3	4.1
TWILIGHT (NAI-13-132)	5.0	3.7	3.7	4.1
A11-26	3.3	4.0	4.7	4.0
AMAZE (NAI-14-133)	2.0	4.7	5.3	4.0
MIDNIGHT	5.0	3.0	4.0	4.0
NAI-14-122	2.3	4.3	5.3	4.0
RAD 553	3.0	4.7	4.3	4.0
COMANCHE (NAI-14-176)	2.7	4.3	5.0	4.0
BAR PP 79366	3.0	4.0	4.7	3.9
NAI-14-128	2.3	4.3	5.0	3.9
NAI-14-132	3.0	3.7	5.0	3.9
SELWAY	2.7	4.0	5.0	3.9
JERSEY (NAI-A16-3)	3.0	4.0	4.0	3.7
PST-K15-172	2.7	3.7	3.7	3.3
LSD VALUE	1.2	0.8	1.5	1.2
C.V. (%)	15.9	10.8	19.8	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 40.

DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2021 DATA

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

NAME	KY1	NJ1	NJ2	MEAN
PPG-KB 1304	6.3	8.7	8.7	7.5
BLUE MAGIC (A99-2897)	5.7	9.0	8.3	7.2
A16-17	6.3	8.3	7.7	7.2
BOMBAY (GO-22B23)	6.0	8.7	8.0	7.2
BARSERATI (BAR PP 110358)	6.0	9.0	7.0	7.0
DLFPS-340/3550	6.7	8.0	6.7	7.0
J-1138	6.7	8.7	5.3	6.8
A12-34	6.3	8.7	6.0	6.8
BAR PP 7K426	6.0	8.7	6.7	6.8
CLOUD (GO-2425)	6.3	6.7	7.7	6.8
BLUE GEM (NAI-13-9)	6.3	9.0	5.0	6.7
NK-1	5.7	8.7	6.3	6.6
NURUSH (J-3510)	6.3	8.3	5.3	6.6
STARR (GO-2628)	6.0	6.7	7.7	6.6
BAR PP 79494	6.0	7.7	6.3	6.5
DLFPS-340/3553	6.0	7.7	6.3	6.5
AFTER MIDNIGHT	7.0	6.0	5.7	6.4
PIVOT	6.0	8.3	5.3	6.4
A15-6	5.3	8.3	6.7	6.4
DLFPS-340/3552	5.3	9.0	6.0	6.4
MIDNIGHT	6.3	8.0	5.0	6.4
A13-1	6.3	4.3	8.3	6.3
UNITED (NAI-13-14)	6.7	7.3	4.7	6.3
SKYE	5.0	7.3	8.0	6.3
A06-8	6.3	7.7	4.7	6.3
ACOUSTIC (PPG-KB 1131)	6.0	7.7	5.3	6.3
DLFPS-340/3551	5.7	8.7	5.0	6.3
BLUE DEVIL	6.0	7.7	5.0	6.2
SYRAH (LTP-11-41)	5.7	5.0	8.3	6.2
A11-40	5.3	6.7	7.3	6.2
ELECTRIC (PST-K11-118)	5.3	8.0	6.0	6.2
DLFPS-340/3556	7.0	3.3	7.0	6.1
A16-7	6.3	8.0	3.7	6.1
BAR PP 79366	7.0	3.0	7.3	6.1
TWILIGHT (NAI-13-132)	6.3	8.0	3.7	6.1
DLFPS-340/3364	5.7	7.3	5.3	6.0
PST-K15-172	6.0	6.7	5.3	6.0
SUPER MOON (PST-K13-141)	5.7	7.7	4.7	5.9
DLFPS-340/3438	5.0	8.7	5.0	5.9
SELWAY	5.3	8.0	5.0	5.9
BAR PP 7236V	5.3	8.0	4.7	5.8
BAR PP 7309V	5.7	8.0	3.7	5.8
FINISH LINE (NAI-14-178)	6.0	8.3	2.7	5.8
RAD 553	5.3	8.3	4.0	5.8
ORION (PST-K13-143)	6.0	6.7	4.0	5.7
DLFPS-340/3500	6.7	2.0	7.3	5.7
J-1319	7.0	5.0	3.7	5.7
KH3492	5.7	6.0	5.3	5.7
A11-26	6.3	4.0	5.7	5.6

TABLE 40.
(CONT'D)

DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2021 DATA

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

NAME	KY1	NJ1	NJ2	MEAN
A10-280	5.0	8.0	4.3	5.6
NAI-15-80	6.0	7.3	3.0	5.6
DLFPS-340/3455	5.0	8.0	4.0	5.5
DLFPS-340/3548	5.7	5.0	5.7	5.5
JERSEY (NAI-A16-3)	5.7	6.7	3.7	5.4
PST-K15-167	6.0	5.7	4.0	5.4
AVIATOR II (NAI-15-84)	6.0	7.0	2.7	5.4
AKB3128	5.7	5.0	5.0	5.3
SHADOW HAWK (A16-2)	5.0	5.7	5.3	5.3
NAI-14-128	5.7	5.0	4.7	5.3
NEW MOON (PST-K15-177)	7.0	6.0	1.0	5.3
PROSPERITY	7.0	5.3	1.7	5.3
BARVETTE HGT®	4.7	8.3	3.0	5.2
BAR PP 71213	5.0	7.0	3.7	5.2
BLUE KNIGHT	6.3	5.0	2.7	5.1
DLFPS-340/3494	5.3	8.3	1.0	5.0
DUBLIN (PST-K15-157)	5.3	7.0	2.3	5.0
PALOMA (PST-K13-139)	5.7	7.7	1.0	5.0
DLFPS-340/3444	5.7	5.7	2.7	4.9
KENBLUE	5.0	7.7	2.0	4.9
DLFPS-340/3549	5.3	4.0	5.0	4.9
NAI-14-132	5.7	2.7	5.3	4.8
PPG-KB 1320	6.3	5.0	1.7	4.8
BABE	5.0	4.7	4.3	4.8
PST-T14-39	5.0	4.7	4.3	4.8
A11-38	6.0	5.0	1.7	4.7
AKB3241	5.7	3.0	4.0	4.6
HEARTLAND (NAI-14-187)	5.0	2.0	6.3	4.6
PST-11-7	5.0	7.3	1.0	4.6
AMAZE (NAI-14-133)	5.0	3.0	4.7	4.4
J-2726	6.7	2.0	2.3	4.4
AKB3179	6.0	1.3	4.3	4.4
NAI-14-122	6.0	2.0	3.7	4.4
RAD-1776	5.0	5.0	2.0	4.3
SHAMROCK	5.0	4.3	2.7	4.3
DLFPS-340/3446	5.7	1.7	3.7	4.2
MVS-130	5.7	2.0	3.0	4.1
YELLOWSTONE (A12-7)	6.0	3.0	1.3	4.1
A16-1	5.7	2.3	1.7	3.8
COMANCHE (NAI-14-176)	5.0	1.3	4.0	3.8
LSD VALUE	0.7	2.4	2.3	1.2
C.V. (%)	7.6	23.5	30.7	17.1

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

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

TABLE 41. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/						
NAME	IN1	MI1	NJ1	NJ2	OK1	MEAN
A10-280	7.9	9.0	8.7	8.3	8.7	8.3
A11-26	7.8	9.0	9.0	9.0	8.0	8.2
A13-1	8.2	7.7	8.0	7.3	9.0	8.1
BARSERATI (BAR PP 110358)	7.8	9.0	8.7	8.3	7.0	8.1
BAR PP 79366	7.6	9.0	9.0	8.0	8.0	8.0
BARVETTE HGT®	7.8	9.0	8.7	7.0	7.7	8.0
DLFPS-340/3500	7.4	9.0	8.7	8.0	9.0	7.9
PPG-KB 1304	7.1	9.0	7.7	9.0	8.0	7.6
A16-17	7.3	9.0	6.3	9.0	8.3	7.6
SUPER MOON (PST-K13-141)	7.1	9.0	7.7	7.3	8.7	7.5
A06-8	6.9	9.0	8.3	6.3	8.0	7.5
AKB3128	7.5	9.0	7.0	6.7	8.0	7.5
SELWAY	6.5	9.0	9.0	6.0	8.3	7.4
DLFPS-340/3455	7.7	9.0	7.7	5.7	6.3	7.4
DLFPS-340/3550	6.6	9.0	7.7	8.7	8.0	7.4
DUBLIN (PST-K15-157)	7.5	9.0	8.3	4.0	8.0	7.4
DLFPS-340/3553	7.2	9.0	7.0	7.0	8.0	7.4
A12-34	7.1	9.0	6.7	7.0	8.7	7.3
AKB3179	7.7	9.0	6.7	5.0	8.0	7.3
BOMBAY (GO-22B23)	7.0	9.0	7.3	8.3	7.3	7.3
DLFPS-340/3556	6.4	9.0	7.7	8.3	8.7	7.3
JERSEY (NAI-A16-3)	7.2	9.0	8.0	4.7	8.3	7.3
SHADOW HAWK (A16-2)	7.0	8.0	7.7	7.0	7.0	7.3
BAR PP 7K426	7.3	9.0	5.7	7.7	8.3	7.3
AKB3241	7.0	9.0	6.7	7.0	8.0	7.2
DLFPS-340/3551	6.9	8.3	6.3	8.3	8.3	7.2
SKYE	6.9	9.0	7.0	7.3	8.3	7.2
PALOMA (PST-K13-139)	6.8	9.0	8.3	5.0	8.7	7.2
BAR PP 71213	7.5	9.0	6.3	6.3	6.3	7.2
DLFPS-340/3446	7.0	9.0	6.7	5.3	9.0	7.2
KH3492	6.6	6.7	8.0	7.3	8.3	7.1
A16-7	6.5	9.0	7.7	6.3	8.0	7.1
BAR PP 7236V	6.4	9.0	8.7	5.0	8.0	7.1
CLOUD (GO-2425)	6.8	9.0	7.0	8.0	8.0	7.1
PST-K15-172	6.8	9.0	7.3	7.0	7.7	7.1
RAD-1776	8.3	9.0	4.7	3.3	7.7	7.1
ACOUSTIC (PPG-KB 1131)	6.0	8.3	8.0	7.0	9.0	7.1
MIDNIGHT	6.2	9.0	7.7	7.0	8.7	7.1
DLFPS-340/3364	6.5	9.0	7.0	6.3	8.3	7.0
BLUE GEM (NAI-13-9)	6.4	8.0	7.7	7.0	7.7	7.0
STARR (GO-2628)	6.4	9.0	7.7	7.3	8.0	7.0
J-1138	6.3	9.0	7.3	7.3	7.7	7.0
DLFPS-340/3549	7.1	9.0	7.0	3.0	8.0	6.9
BLUE MAGIC (A99-2897)	6.5	8.3	6.0	8.0	8.3	6.9
DLFPS-340/3438	7.2	9.0	5.7	5.3	8.3	6.9
PST-T14-39	6.8	9.0	6.0	6.7	8.7	6.9
UNITED (NAI-13-14)	5.8	8.3	8.0	7.0	8.3	6.9
A15-6	6.4	8.3	6.7	7.0	8.3	6.9
BAR PP 7309V	7.6	9.0	4.7	6.7	6.3	6.9
BAR PP 79494	6.0	9.0	7.3	6.0	8.3	6.9

TABLE 41. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2018-2022 DATA

NAME	STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/					
	IN1	MI1	NJ1	NJ2	OK1	MEAN
BLUE DEVIL	6.3	9.0	7.0	5.7	8.3	6.9
DLFPS-340/3548	6.3	9.0	8.3	3.3	7.7	6.9
TWILIGHT (NAI-13-132)	6.1	9.0	7.3	5.3	8.7	6.9
ELECTRIC (PST-K11-118)	7.3	9.0	3.7	7.3	8.7	6.9
SYRAH (LTP-11-41)	5.6	9.0	8.0	8.7	7.7	6.8
A11-40	6.2	9.0	7.0	6.3	7.3	6.8
HEARTLAND (NAI-14-187)	6.8	9.0	6.3	4.7	8.7	6.8
BABE	6.8	7.7	7.0	4.0	8.3	6.8
NK-1	6.8	8.3	5.7	6.3	8.3	6.7
COMANCHE (NAI-14-176)	6.5	8.7	6.7	4.7	8.3	6.7
NAI-14-132	6.5	9.0	6.7	3.7	9.0	6.6
NURUSH (J-3510)	5.8	9.0	5.7	8.0	8.7	6.6
ORION (PST-K13-143)	6.4	9.0	6.3	4.7	7.3	6.6
RAD 553	6.4	9.0	5.3	7.7	7.3	6.6
KENBLUE	6.2	9.0	6.0	6.3	5.3	6.5
NAI-14-122	6.5	9.0	6.7	2.0	9.0	6.4
MVS-130	6.4	9.0	6.7	3.0	8.0	6.4
PST-K15-167	5.6	9.0	6.7	5.7	7.7	6.4
DLFPS-340/3552	6.7	7.7	3.7	8.7	7.0	6.3
AMAZE (NAI-14-133)	6.3	8.3	6.0	4.7	7.7	6.3
NAI-14-128	6.4	9.0	5.7	3.7	7.7	6.2
A16-1	6.1	7.7	5.3	4.0	8.0	6.0
DLFPS-340/3444	6.3	7.0	4.7	5.3	7.3	6.0
FINISH LINE (NAI-14-178)	5.9	6.7	6.0	5.0	7.3	6.0
J-1319	5.1	9.0	5.0	6.0	8.7	5.9
AVIATOR II (NAI-15-84)	5.9	9.0	5.3	2.7	6.7	5.9
NAI-15-80	5.1	9.0	6.3	2.7	8.7	5.9
NEW MOON (PST-K15-177)	5.4	9.0	6.7	2.7	7.7	5.8
DLFPS-340/3494	5.3	6.7	8.3	3.0	7.7	5.8
YELLOWSTONE (A12-7)	5.9	8.3	4.7	4.0	8.0	5.8
SHAMROCK	5.7	6.0	5.7	3.7	8.7	5.8
PST-11-7	5.8	6.3	5.3	1.0	8.7	5.6
A11-38	6.4	8.3	1.7	3.0	8.3	5.5
PIVOT	5.1	7.0	4.7	5.3	7.3	5.4
PROSPERITY	4.4	4.7	5.7	3.7	7.7	5.0
BLUE KNIGHT	4.5	6.0	4.0	4.0	8.7	5.0
J-2726	4.7	7.0	5.0	3.0	8.0	5.0
AFTER MIDNIGHT	4.0	7.3	3.3	5.7	6.7	4.6
PPG-KB 1320	4.2	4.3	1.7	2.0	8.7	3.9
LSD VALUE	1.4	1.3	2.0	2.8	1.8	1.4
C.V. (%)	12.9	9.8	19.1	29.3	14.2	15.9

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

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

3/ STEM RUST DATA COLLECTED: IN1 (2018-2021) MI1 ((2019) NJ1 (2022) NJ2 (2020) OK1 (2018).

TABLE 42.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE			2/	3/
NAME	IN1	MI1	NJ1	MEAN	
DLFPS-340/3550	8.0	9.0	8.8	8.6	
NK-1	8.1	9.0	8.8	8.5	
DLFPS-340/3551	7.7	9.0	9.0	8.5	
AKB3241	7.8	9.0	8.8	8.4	
DLFPS-340/3438	7.9	9.0	8.8	8.4	
AKB3128	7.7	9.0	8.8	8.3	
DLFPS-340/3552	7.2	9.0	9.0	8.3	
PIVOT	7.0	9.0	9.0	8.1	
A12-34	7.3	9.0	8.7	8.1	
AKB3179	7.8	9.0	8.0	8.1	
BARSERATI (BAR PP 110358)	7.2	9.0	8.7	8.1	
BLUE MAGIC (A99-2897)	6.9	9.0	9.0	8.0	
ACOUSTIC (PPG-KB 1131)	6.8	9.0	9.0	8.0	
MVS-130	7.3	9.0	8.5	8.0	
DUBLIN (PST-K15-157)	7.3	9.0	8.2	8.0	
NAI-14-132	6.9	9.0	8.8	8.0	
A15-6	7.0	9.0	8.7	8.0	
A06-8	7.0	9.0	8.7	7.9	
A13-1	7.1	9.0	8.3	7.9	
A11-40	6.7	9.0	8.7	7.9	
DLFPS-340/3364	6.7	9.0	8.8	7.9	
DLFPS-340/3446	6.9	9.0	8.7	7.9	
MIDNIGHT	6.8	9.0	8.7	7.9	
BLUE GEM (NAI-13-9)	6.7	9.0	8.7	7.9	
NAI-14-128	7.1	9.0	8.3	7.9	
AMAZE (NAI-14-133)	7.2	9.0	8.0	7.8	
AVIATOR II (NAI-15-84)	7.1	9.0	8.3	7.8	
NAI-14-122	6.6	8.7	8.7	7.8	
PPG-KB 1304	6.8	9.0	8.2	7.8	
BOMBAY (GO-22B23)	6.7	9.0	8.3	7.8	
COMANCHE (NAI-14-176)	6.8	9.0	8.3	7.8	
STARR (GO-2628)	6.8	9.0	8.3	7.8	
J-1319	5.8	9.0	8.8	7.8	
A16-7	6.8	9.0	8.5	7.7	
DLFPS-340/3556	6.9	9.0	8.3	7.7	
PST-K15-167	6.8	8.7	8.3	7.7	
CLOUD (GO-2425)	6.3	9.0	8.5	7.7	
UNITED (NAI-13-14)	6.3	9.0	8.5	7.6	
ELECTRIC (PST-K11-118)	7.3	9.0	7.5	7.6	
PROSPERITY	7.4	9.0	7.2	7.6	
PPG-KB 1320	6.0	9.0	8.8	7.6	
RAD-1776	7.2	8.7	7.5	7.6	
SKYE	6.7	9.0	8.0	7.6	
AFTER MIDNIGHT	7.3	9.0	7.3	7.6	
DLFPS-340/3455	6.7	9.0	8.0	7.6	
BAR PP 79494	6.7	9.0	8.0	7.5	
DLFPS-340/3553	6.2	9.0	8.2	7.5	
HEARTLAND (NAI-14-187)	6.7	9.0	8.2	7.5	
NEW MOON (PST-K15-177)	7.1	8.3	7.7	7.5	
BLUE DEVIL	6.1	9.0	8.3	7.5	

TABLE 42.
(CONT'D)

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE			2/	3/
NAME	IN1	MI1	NJ1	MEAN	
NURUSH (J-3510)	6.3	9.0	8.0	7.4	
J-1138	6.2	9.0	8.2	7.4	
ORION (PST-K13-143)	6.0	9.0	8.3	7.4	
NAI-15-80	5.9	9.0	8.8	7.4	
TWILIGHT (NAI-13-132)	5.4	9.0	8.8	7.4	
PST-11-7	6.3	9.0	7.5	7.3	
PST-K15-172	6.3	9.0	7.8	7.3	
DLFPS-340/3444	6.3	9.0	7.3	7.2	
SUPER MOON (PST-K13-141)	5.8	9.0	8.0	7.2	
A10-280	5.9	8.7	7.8	7.0	
SHADOW HAWK (A16-2)	5.8	9.0	7.3	6.9	
BAR PP 7K426	5.7	9.0	7.5	6.8	
SHAMROCK	5.9	9.0	7.2	6.8	
DLFPS-340/3494	6.5	9.0	6.3	6.8	
KH3492	6.2	9.0	6.5	6.8	
BAR PP 7309V	5.3	9.0	7.3	6.7	
A11-26	5.7	8.7	7.0	6.7	
A16-1	5.3	9.0	7.3	6.6	
SELWAY	5.4	7.7	7.3	6.6	
BABE	5.8	9.0	7.0	6.6	
BAR PP 7236V	5.6	8.7	7.0	6.5	
PST-T14-39	5.0	9.0	7.3	6.5	
SYRAH (LTP-11-41)	5.2	9.0	7.0	6.5	
JERSEY (NAI-A16-3)	5.2	8.7	6.5	6.2	
DLFPS-340/3500	5.6	9.0	5.8	6.1	
BARVETTE HGT®	5.3	8.3	5.5	6.0	
BAR PP 79366	5.0	9.0	5.7	5.8	
J-2726	5.1	9.0	5.7	5.7	
PALOMA (PST-K13-139)	4.6	8.7	6.0	5.7	
DLFPS-340/3548	5.4	9.0	5.2	5.6	
YELLOWSTONE (A12-7)	5.9	8.7	4.0	5.6	
BAR PP 71213	5.1	8.0	4.8	5.4	
BLUE KNIGHT	5.3	9.0	3.5	5.2	
FINISH LINE (NAI-14-178)	4.7	8.7	4.0	5.1	
KENBLUE	3.3	8.0	5.8	5.0	
DLFPS-340/3549	4.9	9.0	3.5	4.8	
A16-17	4.4	5.0	4.3	4.7	
A11-38	5.9	8.3	1.7	4.6	
RAD 553	4.1	7.7	3.7	4.4	
LSD VALUE	1.7	0.7	2.0	1.6	
C.V. (%)	16.9	5.1	16.4	14.5	

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

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

3/ DOLLAR SPOT DATE COLLECTED: IN1 (2018, 2019, 2021) MI1 (2019) NJ1 (2020, 2022).

TABLE 43.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE			2/	3/
NAME	NC1	NJ2	OK1	MEAN	
BARSERATI (BAR PP 110358)	7.2	8.9	9.0	7.7	
DLFPS-340/3550	7.3	8.1	8.7	7.5	
DLFPS-340/3551	7.1	8.0	7.7	7.3	
PPG-KB 1304	6.8	8.6	8.3	7.2	
BOMBAY (GO-22B23)	6.9	8.1	7.7	7.1	
AFTER MIDNIGHT	6.9	7.3	8.0	7.0	
STARR (GO-2628)	6.5	8.3	8.0	7.0	
J-1138	6.7	7.8	7.7	6.9	
MIDNIGHT	6.6	7.7	7.7	6.9	
BLUE MAGIC (A99-2897)	6.2	8.7	8.7	6.9	
CLOUD (GO-2425)	6.7	8.1	7.7	6.9	
ACOUSTIC (PPG-KB 1131)	6.7	7.6	8.3	6.9	
ELECTRIC (PST-K11-118)	7.0	6.4	8.0	6.9	
DLFPS-340/3552	6.5	8.1	7.7	6.8	
SKYE	6.5	8.1	7.3	6.8	
AKB3128	6.5	7.8	8.3	6.8	
BAR PP 79494	6.6	6.8	8.7	6.8	
UNITED (NAI-13-14)	6.6	7.4	7.7	6.7	
SUPER MOON (PST-K13-141)	6.5	7.7	8.3	6.7	
A13-1	5.7	8.9	9.0	6.7	
BLUE GEM (NAI-13-9)	6.5	7.2	8.3	6.7	
A06-8	7.0	5.8	6.3	6.7	
A10-280	6.0	8.8	8.7	6.7	
NURUSH (J-3510)	6.4	8.2	7.0	6.7	
A15-6	6.7	7.0	8.0	6.6	
PST-K15-172	6.0	8.4	9.0	6.6	
NK-1	6.2	7.8	8.3	6.5	
A16-17	5.5	8.3	8.7	6.5	
BAR PP 79366	5.5	8.4	8.7	6.4	
DLFPS-340/3556	5.8	8.1	8.3	6.4	
A11-40	6.6	5.1	8.7	6.4	
J-1319	6.9	5.0	7.0	6.3	
DLFPS-340/3553	5.7	7.8	7.3	6.3	
AKB3241	5.6	7.9	8.7	6.3	
PST-K15-167	6.2	6.8	8.3	6.3	
TWILIGHT (NAI-13-132)	6.3	6.3	8.0	6.3	
A12-34	6.1	7.2	8.0	6.3	
BAR PP 7236V	5.6	8.6	7.7	6.3	
DLFPS-340/3364	6.3	6.0	8.0	6.3	
DLFPS-340/3438	6.1	7.0	8.0	6.2	
BLUE DEVIL	6.3	6.4	8.0	6.2	
BARVETTE HGT®	5.4	8.7	8.7	6.2	
SHADOW HAWK (A16-2)	6.6	5.1	5.7	6.2	
PST-T14-39	5.6	7.9	7.3	6.1	
DLFPS-340/3500	5.0	8.4	8.7	6.0	
NEW MOON (PST-K15-177)	6.2	4.8	7.3	6.0	
DLFPS-340/3444	6.7	3.1	6.3	5.9	
A16-7	6.1	6.1	6.7	5.8	

TABLE 43.
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE			2/	3/
NAME	NC1	NJ2	OK1	MEAN	
BAR PP 71213	5.4	7.2	9.0	5.8	
A11-26	5.0	8.0	8.3	5.8	
SELWAY	5.8	6.4	7.0	5.8	
DLFPS-340/3446	5.9	5.3	7.3	5.7	
BAR PP 7309V	5.7	5.7	8.0	5.7	
HEARTLAND (NAI-14-187)	6.1	4.2	7.0	5.6	
BAR PP 7K426	5.1	6.8	8.7	5.6	
J-2726	5.9	4.8	8.0	5.5	
NAI-15-80	5.4	5.6	7.7	5.5	
PIVOT	5.3	6.2	7.0	5.5	
SYRAH (LTP-11-41)	5.2	6.7	8.0	5.4	
DUBLIN (PST-K15-157)	5.9	4.2	8.0	5.4	
MVS-130	5.6	4.7	6.7	5.4	
KH3492	5.6	5.3	6.0	5.4	
RAD 553	5.1	6.1	6.7	5.4	
DLFPS-340/3455	5.9	4.3	7.0	5.3	
NAI-14-122	5.5	4.2	6.7	5.3	
FINISH LINE (NAI-14-178)	4.9	5.2	8.0	5.3	
PROSPERITY	5.9	4.7	5.0	5.3	
NAI-14-128	5.5	4.7	6.7	5.3	
SHAMROCK	6.3	2.6	7.0	5.2	
AKB3179	5.3	4.9	7.7	5.2	
AMAZE (NAI-14-133)	5.3	5.1	5.0	5.1	
JERSEY (NAI-A16-3)	5.8	3.8	5.7	5.1	
ORION (PST-K13-143)	5.5	4.2	5.3	5.1	
PST-11-7	5.2	5.1	6.3	5.1	
YELLOWSTONE (A12-7)	5.1	4.9	6.7	4.9	
DLFPS-340/3494	4.9	4.4	6.7	4.9	
COMANCHE (NAI-14-176)	5.3	4.1	5.7	4.8	
RAD-1776	5.1	3.0	7.3	4.8	
BLUE KNIGHT	4.7	3.0	7.3	4.8	
DLFPS-340/3548	5.3	3.9	6.3	4.7	
BABE	5.1	4.4	6.7	4.7	
DLFPS-340/3549	5.4	3.8	5.0	4.7	
A16-1	5.9	2.1	5.7	4.7	
NAI-14-132	4.7	5.0	5.0	4.6	
AVIATOR II (NAI-15-84)	5.2	2.8	5.7	4.5	
PALOMA (PST-K13-139)	4.9	2.3	6.0	4.2	
KENBLUE	4.3	3.8	3.7	4.1	
A11-38	4.5	2.8	6.3	4.0	
PPG-KB 1320	4.2	1.2	4.7	3.4	
LSD VALUE	2.1	1.9	2.0	1.6	
C.V. (%)	23.1	19.0	17.0	21.5	

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH DATA COLLECTED: NC1 (2018-2020, 2022) NJ2 (2018-2020) OK1 (2019).

TABLE 44.

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018 DATA

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

NAME	MI1	NAME	MI1	NAME	MI1
A10-280	9.0	JERSEY (NAI-A16-3)	9.0	SHADOW HAWK (A16-2)	8.0
A11-26	9.0	KENBLUE	9.0	ACOUSTIC (PPG-KB 1131)	8.0
A11-38	9.0	MVS-130	9.0	AVIATOR II (NAI-15-84)	8.0
A11-40	9.0	NAI-14-122	9.0	BABE	8.0
A12-34	9.0	NAI-14-128	9.0	BLUE GEM (NAI-13-9)	8.0
A13-1	9.0	NAI-14-132	9.0	CLOUD (GO-2425)	8.0
A16-17	9.0	NAI-15-80	9.0	DLFPS-340/3444	8.0
A16-7	9.0	NEW MOON (PST-K15-177)	9.0	DLFPS-340/3551	8.0
AKB3128	9.0	NK-1	9.0	PIVOT	8.0
AKB3179	9.0	ORION (PST-K13-143)	9.0	YELLOWSTONE (A12-7)	8.0
AKB3241	9.0	PALOMA (PST-K13-139)	9.0	A15-6	7.7
AMAZE (NAI-14-133)	9.0	PPG-KB 1304	9.0	BAR PP 79494	7.7
BAR PP 71213	9.0	PST-T14-39	9.0	BLUE DEVIL	7.7
BAR PP 7236V	9.0	RAD 553	9.0	DLFPS-340/3552	7.3
BAR PP 7309V	9.0	RAD-1776	9.0	DLFPS-340/3556	7.3
BAR PP 79366	9.0	STARR (GO-2628)	9.0	NURUSH (J-3510)	7.3
BAR PP 7K426	9.0	SUPER MOON (PST-K13-141)	9.0	FINISH LINE (NAI-14-178)	7.0
BARSERATI (BAR PP 110358)	9.0	BLUE MAGIC (A99-2897)	8.7	TWILIGHT (NAI-13-132)	7.0
BARVETTE HGT®	9.0	DLFPS-340/3548	8.7	UNITED (NAI-13-14)	7.0
BOMBAY (GO-22B23)	9.0	PST-K15-172	8.7	PROSPERITY	6.3
COMANCHE (NAI-14-176)	9.0	SELWAY	8.7	J-1319	5.7
DLFPS-340/3438	9.0	SKYE	8.7	PPG-KB 1320	5.7
DLFPS-340/3446	9.0	SYRAH (LTP-11-41)	8.7	PST-11-7	5.3
DLFPS-340/3455	9.0	A06-8	8.3	SHAMROCK	5.3
DLFPS-340/3494	9.0	A16-1	8.3	BLUE KNIGHT	5.0
DLFPS-340/3500	9.0	DLFPS-340/3364	8.3	J-2726	4.7
DLFPS-340/3549	9.0	DLFPS-340/3550	8.3	AFTER MIDNIGHT	3.3
DLFPS-340/3553	9.0	J-1138	8.3		
DUBLIN (PST-K15-157)	9.0	KH3492	8.3		
ELECTRIC (PST-K11-118)	9.0	MIDNIGHT	8.3	LSD VALUE	1.4
HEARTLAND (NAI-14-187)	9.0	PST-K15-167	8.3	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 45.

PINK SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018 DATA

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

NAME	MN1	NAME	MN1	NAME	MN1
A06-8	9.0	MVS-130	9.0	J-1319	8.3
A10-280	9.0	NAI-14-122	9.0	JERSEY (NAI-A16-3)	8.3
A11-26	9.0	NAI-14-128	9.0	YELLOWSTONE (A12-7)	8.3
A11-38	9.0	NAI-14-132	9.0	AKB3241	8.0
A11-40	9.0	NEW MOON (PST-K15-177)	9.0	BABE	8.0
A12-34	9.0	NK-1	9.0	DLFPS-340/3500	8.0
A13-1	9.0	PALOMA (PST-K13-139)	9.0	DLFPS-340/3550	8.0
A15-6	9.0	PIVOT	9.0	DUBLIN (PST-K15-157)	8.0
A16-17	9.0	PPG-KB 1304	9.0	NAI-15-80	8.0
A16-7	9.0	PPG-KB 1320	9.0	PST-K15-167	8.0
AFTER MIDNIGHT	9.0	PROSPERITY	9.0	AKB3179	7.7
AMAZE (NAI-14-133)	9.0	PST-11-7	9.0	BAR PP 7236V	7.7
AVIATOR II (NAI-15-84)	9.0	PST-K15-172	9.0	AKB3128	7.3
BAR PP 71213	9.0	PST-T14-39	9.0	BLUE MAGIC (A99-2897)	7.3
BAR PP 7309V	9.0	SHAMROCK	9.0	DLFPS-340/3552	7.3
BAR PP 7K426	9.0	SKYE	9.0	KH3492	7.0
BARSERATI (BAR PP 110358)	9.0	STARR (GO-2628)	9.0	BAR PP 79494	6.3
BLUE KNIGHT	9.0	SUPER MOON (PST-K13-141)	9.0	BLUE DEVIL	6.3
BOMBAY (GO-22B23)	9.0	SYRAH (LTP-11-41)	9.0	DLFPS-340/3549	6.3
CLOUD (GO-2425)	9.0	SHADOW HAWK (A16-2)	8.7	A16-1	5.3
COMANCHE (NAI-14-176)	9.0	BARVETTE HGT®	8.7	NURUSH (J-3510)	5.3
DLFPS-340/3364	9.0	DLFPS-340/3455	8.7	TWILIGHT (NAI-13-132)	5.3
DLFPS-340/3438	9.0	DLFPS-340/3553	8.7	ACOUSTIC (PPG-KB 1131)	5.0
DLFPS-340/3444	9.0	ELECTRIC (PST-K11-118)	8.7	MIDNIGHT	5.0
DLFPS-340/3446	9.0	KENBLUE	8.7	UNITED (NAI-13-14)	5.0
DLFPS-340/3548	9.0	ORION (PST-K13-143)	8.7	J-1138	4.0
DLFPS-340/3551	9.0	RAD 553	8.7	BLUE GEM (NAI-13-9)	3.7
DLFPS-340/3556	9.0	RAD-1776	8.7		
FINISH LINE (NAI-14-178)	9.0	SELWAY	8.7		
HEARTLAND (NAI-14-187)	9.0	BAR PP 79366	8.3	LSD VALUE	1.8
J-2726	9.0	DLFPS-340/3494	8.3	C.V. (%)	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 46.

FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018 & 2022 DATA

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

NAME	CT1	IN1	MEAN	NAME	CT1	IN1	MEAN	NAME	CT1	IN1	MEAN
AKB3128	7.7	7.3	7.5	YELLOWSTONE (A12-7)	7.0	6.7	6.8	DLFPS-340/3455	7.0	6.0	6.5
NEW MOON (PST-K15-177)	8.0	6.7	7.3	A11-26	7.3	6.3	6.8	DLFPS-340/3494	7.0	6.0	6.5
RAD-1776	7.3	7.3	7.3	A16-1	7.3	6.3	6.8	DLFPS-340/3551	6.3	6.7	6.5
BLUE GEM (NAI-13-9)	7.3	7.0	7.2	BAR PP 79366	7.3	6.3	6.8	NAI-14-132	6.3	6.7	6.5
ORION (PST-K13-143)	7.0	7.3	7.2	BARSERATI (BAR PP 110358)	7.3	6.3	6.8	PPG-KB 1320	6.3	6.7	6.5
PPG-KB 1304	7.3	7.0	7.2	DUBLIN (PST-K15-157)	6.3	7.3	6.8	PST-11-7	7.0	6.0	6.5
A06-8	7.0	7.0	7.0	PST-K15-172	7.3	6.3	6.8	SHAMROCK	7.0	6.0	6.5
A13-1	7.3	6.7	7.0	SYRAH (LTP-11-41)	7.3	6.3	6.8	SKYE	6.7	6.3	6.5
AFTER MIDNIGHT	7.0	7.0	7.0	A12-34	6.7	6.7	6.7	AKB3179	6.7	6.0	6.3
AKB3241	7.0	7.0	7.0	PIVOT	6.7	6.7	6.7	AMAZE (NAI-14-133)	6.7	6.0	6.3
BLUE KNIGHT	7.3	6.7	7.0	SUPER MOON (PST-K13-141)	6.7	6.7	6.7	BAR PP 7309V	6.7	6.0	6.3
DLFPS-340/3364	7.0	7.0	7.0	TWILIGHT (NAI-13-132)	6.7	6.7	6.7	CLOUD (GO-2425)	6.7	6.0	6.3
DLFPS-340/3500	7.0	7.0	7.0	A11-38	7.0	6.3	6.7	ELECTRIC (PST-K11-118)	6.7	6.0	6.3
DLFPS-340/3556	7.7	6.3	7.0	A15-6	7.3	6.0	6.7	FINISH LINE (NAI-14-178)	6.7	6.0	6.3
J-1319	7.0	7.0	7.0	BAR PP 79494	7.0	6.3	6.7	JERSEY (NAI-A16-3)	6.7	6.0	6.3
NAI-14-128	7.0	7.0	7.0	BOMBAY (GO-22B23)	7.0	6.3	6.7	SELWAY	7.0	5.7	6.3
PROSPERITY	7.0	7.0	7.0	DLFPS-340/3444	7.3	6.0	6.7	SHADOW HAWK (A16-2)	6.3	6.3	6.3
A16-7	6.7	7.0	6.8	DLFPS-340/3552	7.3	6.0	6.7	MIDNIGHT	6.3	6.3	6.3
AVIATOR II (NAI-15-84)	7.0	6.7	6.8	DLFPS-340/3553	7.0	6.3	6.7	PALOMA (PST-K13-139)	6.3	6.3	6.3
BAR PP 71213	7.7	6.0	6.8	HEARTLAND (NAI-14-187)	7.0	6.3	6.7	BAR PP 7K426	6.7	5.7	6.2
BLUE MAGIC (A99-2897)	7.0	6.7	6.8	NAI-15-80	7.3	6.0	6.7	BARVETTE HGT®	6.7	5.7	6.2
COMANCHE (NAI-14-176)	6.7	7.0	6.8	NURUSH (J-3510)	7.0	6.3	6.7	A16-17	7.3	5.0	6.2
DLFPS-340/3446	7.0	6.7	6.8	PST-T14-39	7.0	6.3	6.7	DLFPS-340/3438	6.3	6.0	6.2
DLFPS-340/3548	7.7	6.0	6.8	STARR (GO-2628)	7.3	6.0	6.7	DLFPS-340/3549	7.0	5.3	6.2
DLFPS-340/3550	7.0	6.7	6.8	UNITED (NAI-13-14)	7.0	6.3	6.7	KENBLUE	7.0	5.3	6.2
J-1138	7.0	6.7	6.8	A10-280	6.3	6.7	6.5	NK-1	6.3	6.0	6.2
J-2726	7.0	6.7	6.8	A11-40	7.0	6.0	6.5	RAD 553	7.0	5.0	6.0
KH3492	7.7	6.0	6.8	ACOUSTIC (PPG-KB 1131)	6.3	6.7	6.5				
MVS-130	7.0	6.7	6.8	BABE	7.7	5.3	6.5				
NAI-14-122	7.0	6.7	6.8	BAR PP 7236V	7.0	6.0	6.5	LSD VALUE	1.0	0.8	0.9
PST-K15-167	7.0	6.7	6.8	BLUE DEVIL	7.0	6.0	6.5	C.V. (%)	9.3	7.6	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.

3/ FALL COLOR SEPTEMBER DATA COLLECTED: CT1 (2022) IN1 (2018).

TABLE 47.

FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

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

NAME	NC1	ND1	MEAN	NAME	NC1	ND1	MEAN	NAME	NC1	ND1	MEAN
J-1319	8.0	7.0	7.5	MVS-130	5.3	7.0	6.2	AKB3241	3.0	8.0	5.5
J-1138	6.7	8.0	7.3	NAI-14-128	5.3	7.0	6.2	DLFPS-340/3438	4.0	7.0	5.5
BLUE GEM (NAI-13-9)	7.3	7.0	7.2	PST-11-7	4.3	8.0	6.2	DLFPS-340/3500	4.0	7.0	5.5
TWILIGHT (NAI-13-132)	6.3	8.0	7.2	SKYE	6.3	6.0	6.2	NAI-14-122	4.0	7.0	5.5
BAR PP 79494	7.0	7.0	7.0	A10-280	5.0	7.0	6.0	NEW MOON (PST-K15-177)	4.0	7.0	5.5
ELECTRIC (PST-K11-118)	7.0	7.0	7.0	A11-26	5.0	7.0	6.0	PST-K15-172	4.0	7.0	5.5
UNITED (NAI-13-14)	7.0	7.0	7.0	A16-1	5.0	7.0	6.0	SHAMROCK	4.0	7.0	5.5
AKB3128	5.7	8.0	6.8	ACOUSTIC (PPG-KB 1131)	6.0	6.0	6.0	A11-38	3.7	7.0	5.3
DLFPS-340/3364	6.7	7.0	6.8	AMAZE (NAI-14-133)	5.0	7.0	6.0	ORION (PST-K13-143)	3.7	7.0	5.3
PST-T14-39	5.7	8.0	6.8	BAR PP 79366	5.0	7.0	6.0	RAD 553	2.7	8.0	5.3
MIDNIGHT	6.3	7.0	6.7	BARSERATI (BAR PP 110358)	4.0	8.0	6.0	RAD-1776	2.7	8.0	5.3
NAI-15-80	6.3	7.0	6.7	BLUE DEVIL	6.0	6.0	6.0	SELWAY	3.7	7.0	5.3
A06-8	6.0	7.0	6.5	BLUE MAGIC (A99-2897)	5.0	7.0	6.0	A16-17	3.3	7.0	5.2
A15-6	6.0	7.0	6.5	HEARTLAND (NAI-14-187)	5.0	7.0	6.0	BABE	3.3	7.0	5.2
A16-7	6.0	7.0	6.5	STARR (GO-2628)	5.0	7.0	6.0	BAR PP 7236V	3.3	7.0	5.2
COMANCHE (NAI-14-176)	5.0	8.0	6.5	SHADOW HAWK (A16-2)	4.7	7.0	5.8	BLUE KNIGHT	3.3	7.0	5.2
DLFPS-340/3494	5.0	8.0	6.5	DLFPS-340/3550	4.7	7.0	5.8	DLFPS-340/3455	3.3	7.0	5.2
A11-40	4.7	8.0	6.3	DLFPS-340/3556	4.7	7.0	5.8	DLFPS-340/3548	3.3	7.0	5.2
A13-1	5.7	7.0	6.3	KH3492	4.7	7.0	5.8	DLFPS-340/3552	3.3	7.0	5.2
AFTER MIDNIGHT	6.7	6.0	6.3	NAI-14-132	4.7	7.0	5.8	NK-1	3.3	7.0	5.2
CLOUD (GO-2425)	5.7	7.0	6.3	SYRAH (LTP-11-41)	4.7	7.0	5.8	BAR PP 7309V	4.3	6.0	5.2
NURUSH (J-3510)	6.7	6.0	6.3	PST-K15-167	3.7	8.0	5.8	BAR PP 7K426	4.0	6.0	5.0
PALOMA (PST-K13-139)	5.7	7.0	6.3	SUPER MOON (PST-K13-141)	3.7	8.0	5.8	PIVOT	3.0	7.0	5.0
DLFPS-340/3444	5.7	6.7	6.2	AVIATOR II (NAI-15-84)	4.3	7.0	5.7	PPG-KB 1320	2.7	7.0	4.8
BAR PP 71213	4.3	8.0	6.2	BARVETTE HGT®	4.3	7.0	5.7	YELLOWSTONE (A12-7)	3.7	6.0	4.8
BOMBAY (GO-22B23)	5.3	7.0	6.2	DLFPS-340/3551	4.3	7.0	5.7	DLFPS-340/3549	2.3	7.0	4.7
DLFPS-340/3446	5.3	7.0	6.2	FINISH LINE (NAI-14-178)	4.3	7.0	5.7	KENBLUE	2.0	7.0	4.5
DLFPS-340/3553	5.3	7.0	6.2	PPG-KB 1304	5.3	6.0	5.7				
DUBLIN (PST-K15-157)	5.3	7.0	6.2	PROSPERITY	4.3	7.0	5.7				
J-2726	6.3	6.0	6.2	A12-34	4.0	7.0	5.5	LSD VALUE	1.6	0.1	0.8
JERSEY (NAI-A16-3)	4.3	8.0	6.2	AKB3179	3.0	8.0	5.5	C.V. (%)	20.6	0.9	10.7

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

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

3/ FALL COLOR OCTOBER DATA COLLECTED: NC1 (2019, 2022)

TABLE 48.

FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/											
NAME	NC1	ND1	MEAN	NAME	NC1	ND1	MEAN	NAME	NC1	ND1	MEAN
COMANCHE (NAI-14-176)	7.3	6.7	6.7	BAR PP 7309V	5.0	6.0	5.8	NEW MOON (PST-K15-177)	7.0	5.0	5.3
DUBLIN (PST-K15-157)	7.0	6.3	6.5	RAD 553	5.0	6.0	5.8	PROSPERITY	7.0	5.0	5.3
SHADOW HAWK (A16-2)	5.7	6.7	6.4	SKYE	6.3	5.8	5.8	UNITED (NAI-13-14)	7.0	5.0	5.3
NAI-14-122	7.7	6.1	6.4	YELLOWSTONE (A12-7)	6.3	5.8	5.8	A11-26	6.7	5.0	5.3
NAI-15-80	6.0	6.6	6.4	ACOUSTIC (PPG-KB 1131)	6.7	5.7	5.8	DLFPS-340/3446	6.3	5.0	5.2
BARSERATI (BAR PP 110358)	5.3	6.7	6.4	NURUSH (J-3510)	6.7	5.7	5.8	DLFPS-340/3551	6.3	5.0	5.2
KH3492	5.3	6.7	6.4	STARR (GO-2628)	6.7	5.7	5.8	DLFPS-340/3444	6.0	5.0	5.2
AKB3128	6.0	6.4	6.3	BAR PP 7236V	4.0	6.1	5.8	NK-1	6.0	5.0	5.2
TWILIGHT (NAI-13-132)	7.0	6.1	6.3	BAR PP 7K426	5.7	5.8	5.7	BAR PP 79366	5.7	5.0	5.1
PST-T14-39	6.0	6.2	6.2	A11-38	6.3	5.7	5.7	PST-K15-172	5.7	5.0	5.1
RAD-1776	5.0	6.6	6.2	BAR PP 71213	4.3	6.0	5.7	SYRAH (LTP-11-41)	5.3	5.0	5.1
A10-280	7.3	6.0	6.2	CLOUD (GO-2425)	6.3	5.7	5.7	A16-7	7.0	4.7	5.0
BAR PP 79494	7.3	6.0	6.2	DLFPS-340/3364	6.3	5.7	5.7	BLUE GEM (NAI-13-9)	7.0	4.7	5.0
PIVOT	6.3	6.1	6.2	DLFPS-340/3550	6.3	5.7	5.7	J-2726	7.0	4.7	5.0
DLFPS-340/3494	6.7	6.0	6.1	PPG-KB 1320	6.3	5.7	5.7	NAI-14-128	7.0	4.7	5.0
J-1138	6.7	6.0	6.1	DLFPS-340/3438	6.0	5.7	5.7	PALOMA (PST-K13-139)	6.0	4.7	5.0
PST-K15-167	6.7	6.0	6.1	DLFPS-340/3548	6.0	5.7	5.7	BLUE DEVIL	6.7	4.7	4.9
BARVETTE HGT®	5.3	6.2	6.1	DLFPS-340/3553	6.0	5.7	5.7	DLFPS-340/3556	6.7	4.7	4.9
JERSEY (NAI-A16-3)	6.0	6.1	6.1	A16-1	5.7	5.7	5.6	ORION (PST-K13-143)	4.7	5.0	4.9
BOMBAY (GO-22B23)	6.3	6.0	6.1	AVIATOR II (NAI-15-84)	5.3	5.7	5.6	A15-6	6.3	4.7	4.9
PST-11-7	6.3	6.0	6.1	BLUE MAGIC (A99-2897)	7.3	5.2	5.6	BLUE KNIGHT	6.3	4.7	4.9
AKB3179	5.3	6.1	6.0	DLFPS-340/3500	5.3	5.7	5.6	PPG-KB 1304	6.3	4.7	4.9
AKB3241	6.0	6.0	6.0	FINISH LINE (NAI-14-178)	5.3	5.7	5.6	A16-17	4.7	4.7	4.8
SUPER MOON (PST-K13-141)	6.0	6.0	6.0	DLFPS-340/3455	5.0	5.7	5.5	DLFPS-340/3552	5.0	4.7	4.7
A11-40	5.7	6.0	5.9	HEARTLAND (NAI-14-187)	8.0	5.0	5.5	J-1319	7.7	4.0	4.6
MVS-130	7.7	5.7	5.9	NAI-14-132	7.3	5.1	5.5	KENBLUE	4.0	4.7	4.5
MIDNIGHT	6.7	5.8	5.9	SHAMROCK	5.0	5.7	5.5	SELWAY	6.0	4.0	4.2
BABE	5.3	6.0	5.9	AFTER MIDNIGHT	7.7	5.0	5.4				
A06-8	7.0	5.7	5.8	DLFPS-340/3549	4.7	5.7	5.4				
A12-34	7.0	5.7	5.8	ELECTRIC (PST-K11-118)	6.0	5.4	5.4	LSD VALUE	1.0	0.2	0.3
AMAZE (NAI-14-133)	7.0	5.7	5.8	A13-1	6.3	5.3	5.4	C.V. (%)	9.7	2.2	4.3

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/ FALL COLOR DATA COLLECTED: NC1 (2022) ND1 (2018, 2020).

TABLE 49.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/			MEAN
	IN1	NC1	NJ1	
BARVETTE HGT®	8.2	9.0	9.0	8.6
FINISH LINE (NAI-14-178)	8.0	8.0	8.8	8.3
KENBLUE	7.7	8.7	9.0	8.2
A16-17	7.8	7.3	9.0	8.2
PPG-KB 1304	7.6	8.3	9.0	8.1
SELWAY	7.4	7.7	9.0	8.0
DLFPS-340/3549	7.3	8.0	9.0	8.0
RAD 553	7.4	6.3	8.8	7.8
A11-26	7.0	7.7	9.0	7.7
DLFPS-340/3548	7.2	7.0	8.7	7.7
SYRAH (LTP-11-41)	7.2	6.3	9.0	7.7
A13-1	7.1	6.7	8.8	7.6
JERSEY (NAI-A16-3)	7.1	6.3	8.7	7.6
A11-40	6.9	7.0	9.0	7.5
J-1138	6.8	8.3	8.7	7.5
DLFPS-340/3455	6.8	6.7	9.0	7.4
NURUSH (J-3510)	6.9	7.3	8.7	7.4
AKB3179	7.4	7.7	7.3	7.4
MIDNIGHT	7.1	8.7	7.5	7.4
PPG-KB 1320	6.8	7.3	8.5	7.4
A11-38	6.8	6.5	8.8	7.4
DLFPS-340/3553	6.8	7.0	8.8	7.4
BLUE GEM (NAI-13-9)	6.8	7.7	8.3	7.3
RAD-1776	6.8	6.0	9.0	7.3
BARSERATI (BAR PP 110358)	7.0	8.0	7.7	7.3
PALOMA (PST-K13-139)	6.8	6.3	8.5	7.2
STARR (GO-2628)	6.5	7.3	8.7	7.2
UNITED (NAI-13-14)	7.0	7.3	7.5	7.2
CLOUD (GO-2425)	6.5	7.7	8.3	7.1
AFTER MIDNIGHT	6.2	8.0	8.3	7.1
BAR PP 7236V	6.2	6.3	8.8	7.1
YELLOWSTONE (A12-7)	6.3	6.3	8.8	7.0
ACOUSTIC (PPG-KB 1131)	6.5	8.0	7.8	7.0
BAR PP 79494	6.4	8.0	7.7	7.0
BOMBAY (GO-22B23)	6.3	7.3	8.5	6.9
TWILIGHT (NAI-13-132)	6.3	7.7	7.7	6.9
J-2726	5.7	8.0	8.5	6.9
DLFPS-340/3444	5.7	7.0	9.0	6.8
KH3492	5.9	5.3	8.8	6.8
DLFPS-340/3556	6.4	8.0	6.7	6.7
BABE	5.7	6.0	8.7	6.7
DUBLIN (PST-K15-157)	6.1	6.0	8.0	6.6
PIVOT	5.5	7.0	8.3	6.6
ELECTRIC (PST-K11-118)	5.3	8.3	8.7	6.6
SKYE	5.8	7.0	7.8	6.6
DLFPS-340/3438	5.8	7.0	8.0	6.5
NAI-14-128	5.6	6.3	8.3	6.5
ORION (PST-K13-143)	5.8	6.0	8.2	6.5
BLUE DEVIL	5.9	7.7	7.5	6.5

TABLE 49.
(CONT'D)

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/			
	IN1	NC1	NJ1	MEAN
DLFPS-340/3550	6.4	8.0	6.3	6.5
PST-T14-39	5.4	5.7	8.3	6.4
A16-1	5.2	6.0	8.8	6.4
SHADOW HAWK (A16-2)	5.5	5.7	8.3	6.4
SHAMROCK	5.5	5.0	8.8	6.4
NAI-14-132	5.1	6.7	8.8	6.4
AMAZE (NAI-14-133)	5.4	5.7	8.2	6.4
AVIATOR II (NAI-15-84)	5.0	6.3	8.8	6.4
DLFPS-340/3500	5.9	7.7	6.5	6.3
PROSPERITY	5.8	7.0	7.3	6.3
A10-280	5.4	4.0	8.0	6.3
BAR PP 79366	6.2	7.7	5.7	6.2
BLUE MAGIC (A99-2897)	6.3	8.0	5.3	6.2
DLFPS-340/3446	5.6	6.7	7.3	6.2
MVS-130	5.0	7.0	8.0	6.2
COMANCHE (NAI-14-176)	5.1	6.7	8.0	6.2
BLUE KNIGHT	5.3	6.0	8.0	6.1
NAI-14-122	4.8	6.7	8.3	6.1
AKB3241	5.8	5.0	6.7	6.1
BAR PP 7K426	5.3	6.3	7.0	6.0
HEARTLAND (NAI-14-187)	4.8	6.7	8.0	6.0
PST-K15-172	5.3	4.7	8.3	6.0
A06-8	5.4	6.7	6.8	6.0
SUPER MOON (PST-K13-141)	5.3	6.0	6.8	5.8
A16-7	5.4	8.0	5.5	5.8
NK-1	5.7	5.3	5.7	5.8
BAR PP 7309V	5.2	4.3	6.7	5.7
DLFPS-340/3364	5.8	7.3	4.5	5.7
J-1319	5.2	7.0	6.3	5.6
NAI-15-80	4.8	6.3	6.5	5.5
A12-34	6.1	6.7	3.7	5.4
BAR PP 71213	3.5	4.0	8.8	5.4
PST-11-7	4.3	3.0	7.7	5.2
A15-6	4.9	7.7	5.2	5.2
DLFPS-340/3551	4.6	6.7	5.0	5.0
NEW MOON (PST-K15-177)	4.2	5.3	6.2	4.9
DLFPS-340/3494	3.1	5.3	8.2	4.9
PST-K15-167	4.2	6.0	6.2	4.8
DLFPS-340/3552	4.7	7.7	3.2	4.5
AKB3128	3.8	7.0	2.0	3.6
LSD VALUE	1.4	1.5	1.3	1.2
C.V. (%)	14.0	13.8	10.3	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.

3/ SEEDHEAD DATA COLLECTED: IN1 (2018, 2019, 2021, 2022) NC1 (2022) NJ1 (2019, 2020).

TABLE 50.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2017 DATA 2/

NAME	IA1	MD1	MI1	MN1	NE1	NJ2	VA1	MEAN
BARSERATI (BAR PP 110358)	50.0	99.0	71.7	5.7	50.0	83.7	84.7	63.5
KENBLUE	36.7	99.0	73.3	5.7	46.7	93.7	83.0	62.6
BAR PP 7236V	46.7	96.0	63.3	5.0	43.3	84.0	80.0	59.8
BARVETTE HGT®	46.7	86.7	65.0	5.3	50.0	83.7	78.3	59.4
BABE	40.0	96.3	66.7	5.3	46.7	78.3	80.0	59.0
SYRAH (LTP-11-41)	53.3	91.7	55.0	5.7	46.7	81.0	80.0	59.0
J-1138	33.3	93.3	61.7	5.3	46.7	90.7	81.7	59.0
BAR PP 7309V	50.0	93.3	66.7	6.0	50.0	67.3	78.3	58.8
JERSEY (NAI-A16-3)	46.7	88.3	55.0	5.3	50.0	80.0	84.7	58.6
RAD 553	36.7	93.0	56.7	5.0	60.0	78.0	80.0	58.5
NURUSH (J-3510)	30.0	93.0	60.0	4.7	50.0	94.0	76.7	58.3
AKB3128	26.7	96.3	70.0	4.3	46.7	85.0	78.3	58.2
AFTER MIDNIGHT	40.0	90.0	56.7	4.0	60.0	79.3	76.7	58.1
A11-40	33.3	88.3	70.0	5.0	50.0	79.7	80.0	58.0
BAR PP 71213	53.3	91.7	65.0	5.0	56.7	56.0	78.3	58.0
PROSPERITY	36.7	85.0	48.3	4.7	56.7	93.3	80.0	57.8
MIDNIGHT	28.3	90.0	65.0	5.0	46.7	93.7	75.0	57.7
J-1319	33.3	93.3	60.0	4.0	46.7	87.7	78.3	57.6
AKB3179	43.3	91.7	60.0	4.3	50.0	71.3	81.7	57.5
BAR PP 7K426	40.0	96.3	50.0	4.7	53.3	79.0	78.3	57.4
DLFPS-340/3455	40.0	90.0	63.3	5.3	46.7	80.7	75.0	57.3
BLUE GEM (NAI-13-9)	30.0	90.0	55.0	5.0	53.3	88.0	78.3	57.1
UNITED (NAI-13-14)	30.0	91.7	56.7	4.7	53.3	87.3	75.0	57.0
KH3492	50.0	86.7	56.7	6.0	46.7	69.3	83.0	56.9
J-2726	33.3	91.7	55.0	5.7	56.7	75.0	80.0	56.8
STARR (GO-2628)	28.3	91.7	61.7	4.3	60.0	73.0	78.3	56.8
DLFPS-340/3550	36.7	88.3	53.3	5.0	60.0	75.3	73.3	56.0
ORION (PST-K13-143)	50.0	94.7	63.3	5.3	46.7	54.3	76.7	55.9
A11-26	36.7	88.3	50.0	5.3	50.0	78.3	81.3	55.7
NK-1	40.0	85.0	50.0	4.7	56.7	74.3	78.3	55.6
PST-K15-172	36.7	90.0	56.7	5.0	46.7	75.7	78.3	55.6
BOMBAY (GO-22B23)	26.7	93.3	63.3	5.0	56.7	67.0	76.7	55.5
TWILIGHT (NAI-13-132)	21.7	90.0	56.7	4.7	50.0	87.0	78.3	55.5
A16-17	43.3	96.3	50.0	5.0	53.3	65.0	73.3	55.2
SHADOW HAWK (A16-2)	50.0	90.0	60.0	4.3	46.7	59.7	75.0	55.1
SUPER MOON (PST-K13-141)	40.0	88.3	51.7	4.7	46.7	80.0	73.3	55.0
CLOUD (GO-2425)	33.3	91.7	53.3	5.3	56.7	65.0	78.3	54.8
PPG-KB 1304	33.3	88.3	61.7	4.7	50.0	69.0	76.7	54.8
BLUE DEVIL	23.3	93.0	55.0	4.0	46.7	81.0	78.3	54.5
RAD-1776	33.3	91.7	65.0	5.3	40.0	61.7	83.0	54.3
SELWAY	33.3	91.7	55.0	4.7	53.3	62.3	78.3	54.1
PST-11-7	36.7	88.3	46.7	5.0	56.7	70.0	75.0	54.0
PIVOT	30.0	93.0	48.3	6.0	53.3	67.0	78.3	53.7
BLUE MAGIC (A99-2897)	23.3	86.7	45.0	5.7	56.7	79.0	78.3	53.5
DLFPS-340/3494	33.3	91.7	43.3	4.3	53.3	62.7	81.3	52.9
SHAMROCK	30.0	90.0	43.3	5.7	50.0	73.7	76.7	52.8
BAR PP 79494	43.3	86.7	48.3	5.0	46.7	59.3	80.0	52.8
DLFPS-340/3549	40.0	93.3	56.7	4.7	50.0	45.3	78.3	52.6
ACOUSTIC (PPG-KB 1131)	33.3	83.3	56.7	4.7	50.0	63.0	75.0	52.3
DLFPS-340/3551	43.3	86.7	38.3	5.0	53.3	65.0	73.3	52.1
ELECTRIC (PST-K11-118)	33.3	93.3	50.0	5.0	43.3	65.0	75.0	52.1
DLFPS-340/3552	33.3	88.3	43.3	5.0	56.7	66.0	71.7	52.0

TABLE 50.
(CONT'D)PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2017 DATA 2/

NAME	IA1	MD1	MI1	MN1	NE1	NJ2	VA1	MEAN
DLFPS-340/3446	33.3	90.0	41.7	5.0	46.7	68.7	76.7	51.7
DLFPS-340/3556	25.0	93.3	45.0	4.3	50.0	68.0	75.0	51.5
PST-K15-167	28.3	88.3	40.0	4.0	50.0	73.0	76.7	51.5
A16-1	35.0	83.3	46.7	4.0	53.3	62.3	75.0	51.4
DLFPS-340/3553	50.0	85.0	31.7	4.7	46.7	64.3	76.7	51.3
SKYE	33.3	93.3	50.0	4.3	43.3	56.7	76.7	51.1
PPG-KB 1320	40.0	81.7	35.0	4.3	46.7	66.7	83.0	51.0
DLFPS-340/3444	25.0	86.7	45.0	5.3	50.0	64.0	81.3	51.0
A15-6	40.0	90.0	50.0	5.0	56.7	38.7	75.0	50.8
BLUE KNIGHT	36.7	93.3	46.7	4.0	43.3	51.7	78.3	50.6
DUBLIN (PST-K15-157)	26.7	83.3	46.7	4.7	40.0	72.7	76.7	50.1
DLFPS-340/3438	30.0	88.3	45.0	4.7	46.7	61.0	75.0	50.1
YELLOWSTONE (A12-7)	33.3	88.3	40.0	4.7	53.3	51.0	80.0	50.1
A10-280	23.3	81.7	40.0	4.0	56.7	64.0	78.3	49.7
AVIATOR II (NAI-15-84)	30.0	76.7	41.7	4.3	53.3	65.0	76.7	49.7
PST-T14-39	33.3	91.7	51.7	5.0	43.3	49.3	73.3	49.7
A16-7	40.0	85.0	41.7	4.3	43.3	49.3	76.7	48.6
AMAZE (NAI-14-133)	23.3	86.7	48.3	3.3	50.0	50.7	75.0	48.2
DLFPS-340/3548	43.3	63.3	46.7	4.3	36.7	61.0	80.0	47.9
A13-1	23.3	85.0	48.3	4.0	40.0	55.0	78.3	47.7
A06-8	18.3	86.7	31.7	4.3	50.0	61.7	79.7	47.5
AKB3241	30.0	80.0	46.7	4.3	43.3	49.3	76.7	47.2
NAI-14-128	23.3	85.0	46.7	3.7	46.7	47.3	75.0	46.8
NEW MOON (PST-K15-177)	30.0	75.0	40.0	4.3	40.0	54.3	81.3	46.4
BAR PP 79366	31.7	78.3	45.0	5.0	43.3	37.0	80.0	45.8
PALOMA (PST-K13-139)	33.3	83.3	43.3	4.3	36.7	41.0	78.3	45.8
NAI-14-132	26.7	73.3	41.7	3.0	50.0	45.0	75.0	45.0
A11-38	23.3	66.7	43.3	4.7	43.3	54.3	76.7	44.6
DLFPS-340/3500	31.7	81.7	41.7	3.7	40.0	28.3	83.0	44.3
COMANCHE (NAI-14-176)	43.3	63.3	38.3	2.3	43.3	39.3	75.0	43.6
NAI-14-122	20.0	78.3	41.7	3.7	40.0	39.3	78.3	43.0
MVS-130	16.7	80.0	45.0	2.7	43.3	35.0	78.3	43.0
A12-34	26.7	68.3	26.7	3.7	53.3	33.7	76.7	41.3
HEARTLAND (NAI-14-187)	23.3	61.7	36.7	2.7	46.7	29.3	81.3	40.2
NAI-15-80	16.7	50.0	33.3	3.7	33.3	36.7	78.3	36.0
FINISH LINE (NAI-14-178)	21.7	56.7	33.3	4.0	36.7	17.3	81.3	35.9
DLFPS-340/3364	15.0	46.7	13.3	2.7	33.3	38.7	81.3	33.0
LSD VALUE	22.5	8.0	15.2	1.1	15.0	16.4	14.6	5.5
C.V. (%)	41.3	5.8	18.7	15.2	19.1	15.7	11.6	17.4

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 51.

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

TURF UNIFORMITY RATINGS 1-9; 9=COMPLETELY UNIFORM 2/ 3/

NAME	CT1	MI1	MN1	NC1	NE1	NJ2	UT1	MEAN
BARVETTE HGT®	6.3	9.0	6.7	7.2	6.9	8.0	6.3	7.3
BAR PP 7236V	7.0	8.7	7.7	5.9	6.5	7.2	7.0	7.1
J-1138	7.3	6.7	6.3	6.0	6.6	7.8	8.0	6.8
ELECTRIC (PST-K11-118)	7.0	8.7	7.3	5.8	6.8	6.0	6.7	6.8
BARSERATI (BAR PP 110358)	6.3	8.0	6.0	5.8	7.1	8.0	6.3	6.8
MIDNIGHT	7.7	7.3	7.0	5.8	6.3	6.5	8.0	6.8
BOMBAY (GO-22B23)	6.7	7.7	7.3	4.9	6.6	7.3	8.0	6.8
A16-17	7.0	7.3	6.7	4.6	6.7	8.8	7.3	6.7
PPG-KB 1304	6.0	8.7	7.0	5.1	6.5	7.0	6.7	6.7
ACOUSTIC (PPG-KB 1131)	6.7	7.3	7.0	5.3	6.4	6.7	7.7	6.7
DLFPS-340/3552	6.3	7.0	7.3	5.0	5.9	7.7	7.3	6.7
CLOUD (GO-2425)	6.3	7.0	7.0	5.3	6.7	6.7	7.7	6.6
SKYE	6.0	8.0	6.7	4.6	6.5	7.5	8.0	6.6
SYRAH (LTP-11-41)	7.3	7.7	7.0	4.1	6.8	7.3	6.7	6.5
NURUSH (J-3510)	7.3	7.3	7.3	4.3	6.3	6.8	7.7	6.5
AFTER MIDNIGHT	7.7	5.7	7.7	4.8	6.3	6.7	7.7	6.5
DLFPS-340/3551	6.3	7.7	6.3	5.2	6.6	6.3	8.0	6.5
UNITED (NAI-13-14)	7.7	7.3	6.0	5.7	6.3	6.7	8.0	6.5
BLUE DEVIL	8.0	8.0	7.0	4.4	6.5	6.2	6.3	6.5
DLFPS-340/3500	7.7	6.7	6.7	5.4	5.8	7.3	7.3	6.5
PST-K15-172	6.0	6.7	7.0	4.7	6.5	7.3	6.7	6.5
A11-26	6.0	6.0	7.0	5.1	6.5	8.2	5.0	6.5
SELWAY	5.3	7.3	7.0	5.0	6.9	6.5	6.0	6.5
A11-40	8.0	7.3	7.3	5.2	6.3	6.0	6.3	6.4
A10-280	6.0	7.3	5.7	6.3	6.2	7.0	6.3	6.4
BLUE GEM (NAI-13-9)	7.0	6.0	6.3	4.9	6.4	6.8	8.0	6.4
BAR PP 79366	8.0	7.0	5.7	5.2	6.2	8.0	5.7	6.4
BLUE MAGIC (A99-2897)	6.7	6.7	6.3	5.1	6.0	7.5	6.7	6.3
A13-1	6.7	7.3	6.7	4.3	6.2	7.5	6.0	6.3
STARR (GO-2628)	6.7	7.3	5.0	5.2	6.8	7.3	7.3	6.3
DLFPS-340/3553	7.0	6.3	7.0	4.2	6.3	6.8	6.3	6.3
FINISH LINE (NAI-14-178)	6.3	5.0	8.0	4.0	6.9	6.2	6.7	6.3
DLFPS-340/3556	7.0	7.3	7.3	3.8	6.3	6.5	6.0	6.2
BAR PP 7309V	6.3	6.0	7.0	5.3	6.3	6.2	5.0	6.2
BAR PP 79494	7.0	6.0	5.7	6.2	6.2	6.5	5.7	6.2
BAR PP 7K426	6.7	7.3	6.0	5.0	6.4	5.5	6.7	6.2
AKB3179	7.0	7.0	6.7	3.9	6.7	5.8	6.7	6.1
PST-T14-39	7.0	4.0	7.0	5.0	6.7	6.8	4.7	6.1
AKB3241	5.7	5.3	6.3	4.6	6.6	6.8	7.0	6.1
SUPER MOON (PST-K13-141)	5.0	8.0	6.3	3.9	6.6	6.5	6.3	6.1
NK-1	7.3	6.7	6.7	4.4	6.1	7.0	4.7	6.1
A15-6	6.7	6.0	6.3	5.3	6.0	6.5	6.0	6.1
BAR PP 71213	7.3	6.0	6.0	4.9	6.3	6.8	5.3	6.1
AKB3128	6.0	6.0	6.7	4.6	6.0	6.7	6.3	6.0
DLFPS-340/3550	6.7	6.0	5.7	4.6	6.3	6.5	7.7	6.0
DLFPS-340/3549	5.7	6.7	7.7	4.2	6.8	5.0	5.0	6.0
NEW MOON (PST-K15-177)	6.0	4.3	7.7	3.8	7.0	4.7	7.3	6.0
RAD-1776	6.7	8.0	7.0	4.6	6.4	4.2	5.7	6.0
KH3492	6.3	7.3	6.3	5.2	6.5	4.8	5.0	6.0
DUBLIN (PST-K15-157)	6.0	6.0	7.0	4.6	6.7	5.2	5.0	5.9

TABLE 51.
(CONT'D)TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018-2022 DATA

NAME	TURF UNIFORMITY RATINGS 1-9; 9=COMPLETELY UNIFORM 2/ 3/							MEAN
	CT1	MI1	MN1	NC1	NE1	NJ2	UT1	
DLFPS-340/3446	5.3	6.3	7.0	3.7	6.4	5.3	6.7	5.9
NAI-14-122	5.7	6.7	6.3	3.7	6.6	5.7	7.0	5.9
YELLOWSTONE (A12-7)	5.7	6.7	6.3	4.6	6.3	5.0	6.7	5.9
SHADOW HAWK (A16-2)	7.7	6.7	5.7	5.2	6.6	4.8	6.3	5.9
HEARTLAND (NAI-14-187)	4.3	5.3	7.7	3.7	6.4	6.0	6.7	5.9
DLFPS-340/3364	4.7	5.3	7.0	5.2	6.1	5.7	4.3	5.9
NAI-14-128	4.7	5.7	7.7	3.4	6.4	6.0	6.3	5.9
BABE	6.7	7.0	6.7	4.1	6.4	5.2	4.7	5.8
NAI-15-80	5.7	5.3	7.7	3.7	6.4	5.3	5.7	5.8
DLFPS-340/3455	6.0	6.7	7.0	4.1	6.8	4.0	5.0	5.8
AVIATOR II (NAI-15-84)	6.3	4.7	7.7	4.7	6.1	4.5	6.3	5.8
NAI-14-132	5.7	6.3	7.7	3.1	6.5	5.3	5.3	5.8
ORION (PST-K13-143)	6.7	5.7	6.3	4.2	7.1	4.0	6.7	5.8
TWILIGHT (NAI-13-132)	6.7	6.3	5.3	4.7	6.3	5.5	6.3	5.8
DLFPS-340/3438	6.7	7.7	4.7	4.2	6.3	6.8	4.7	5.7
A06-8	6.7	6.7	5.0	4.4	6.3	5.5	6.7	5.7
JERSEY (NAI-A16-3)	6.7	7.0	5.0	4.2	6.6	5.3	6.0	5.7
RAD 553	5.3	6.7	6.0	3.8	6.6	5.2	5.7	5.7
PIVOT	6.3	5.7	6.7	3.6	6.2	4.8	6.7	5.6
AMAZE (NAI-14-133)	4.7	5.7	7.0	3.9	6.3	5.3	4.7	5.6
J-2726	6.3	4.0	7.3	3.9	6.2	5.3	6.3	5.6
MVS-130	4.7	4.7	7.3	4.0	6.3	4.8	5.7	5.6
A12-34	5.0	6.3	5.7	3.9	6.3	6.0	6.7	5.6
PROSPERITY	6.0	6.3	6.7	3.6	6.3	4.2	7.7	5.6
J-1319	7.0	7.0	5.7	3.9	6.0	5.3	4.0	5.5
DLFPS-340/3494	5.0	3.7	7.3	4.6	6.3	3.3	6.7	5.5
PST-K15-167	6.3	4.7	5.7	3.8	6.3	5.7	5.0	5.4
SHAMROCK	7.3	6.0	5.0	5.2	6.3	3.2	6.7	5.4
KENBLUE	4.0	7.0	6.3	4.7	6.6	3.0	5.0	5.4
A11-38	5.3	6.7	6.3	2.9	6.5	3.0	7.3	5.4
BLUE KNIGHT	5.0	5.0	7.0	4.1	6.3	3.0	6.3	5.3
A16-7	7.0	5.3	5.3	3.4	6.3	5.5	4.0	5.3
PST-11-7	7.3	3.0	7.0	3.8	6.3	4.0	4.7	5.3
PALOMA (PST-K13-139)	5.0	6.0	6.0	3.4	6.8	3.7	6.3	5.3
DLFPS-340/3548	5.7	6.0	5.0	3.3	6.8	5.0	5.3	5.3
PPG-KB 1320	7.3	6.0	7.0	2.9	6.5	1.8	6.3	5.3
DLFPS-340/3444	6.3	6.0	5.7	4.2	6.6	3.2	5.3	5.2
COMANCHE (NAI-14-176)	4.3	5.7	5.3	2.6	6.7	5.2	5.0	5.1
A16-1	6.7	4.3	5.7	3.9	6.4	3.7	4.7	5.0
LSD VALUE	1.4	2.2	2.2	2.1	0.9	1.8	2.6	1.3
C.V. (%)	13.8	21.7	20.7	29.4	8.4	18.8	26.1	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.
- 3/ UNIFORMITY DATA COLLECTED: CT1 (2020) MI1 (2020, 2021) MN1 (2018) NC1 (2018-2021) NE1 (2019-2022) NJ2 (2018-2020) UT1 (2021).

TABLE 52.

DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT LEXINGTON, KY 1/
2019 DATA

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

NAME	MAY	AUGUST	MEAN	NAME	MAY	AUGUST	MEAN	NAME	MAY	AUGUST	MEAN
NEW MOON (PST-K15-177)	7.0	7.0	7.0	DLFPS-340/3552	5.3	6.7	6.0	SYRAH (LTP-11-41)	5.7	5.3	5.5
DLFPS-340/3556	7.0	6.7	6.8	PIVOT	6.0	6.0	6.0	SHADOW HAWK (A16-2)	5.0	5.7	5.3
DLFPS-340/3550	6.7	6.7	6.7	YELLOWSTONE (A12-7)	6.0	6.0	6.0	DLFPS-340/3494	5.3	5.3	5.3
PPG-KB 1304	6.3	7.0	6.7	A11-40	5.3	6.3	5.8	DLFPS-340/3548	5.7	5.0	5.3
DLFPS-340/3500	6.7	6.3	6.5	AFTER MIDNIGHT	7.0	4.7	5.8	JERSEY (NAI-A16-3)	5.7	5.0	5.3
MIDNIGHT	6.3	6.7	6.5	BLUE DEVIL	6.0	5.7	5.8	PALOMA (PST-K13-139)	5.7	5.0	5.3
NURUSH (J-3510)	6.3	6.7	6.5	DLFPS-340/3364	5.7	6.0	5.8	SHAMROCK	5.0	5.7	5.3
PROSPERITY	7.0	6.0	6.5	NAI-14-128	5.7	6.0	5.8	SKYE	5.0	5.7	5.3
A16-17	6.3	6.3	6.3	NK-1	5.7	6.0	5.8	A16-1	5.7	4.7	5.2
A16-7	6.3	6.3	6.3	PPG-KB 1320	6.3	5.3	5.8	AKB3128	5.7	4.7	5.2
BAR PP 79494	6.0	6.7	6.3	STARR (GO-2628)	6.0	5.7	5.8	AMAZE (NAI-14-133)	5.0	5.3	5.2
BLUE GEM (NAI-13-9)	6.3	6.3	6.3	A15-6	5.3	6.0	5.7	BAR PP 7309V	5.7	4.7	5.2
CLOUD (GO-2425)	6.3	6.3	6.3	AKB3179	6.0	5.3	5.7	DLFPS-340/3444	5.7	4.7	5.2
J-1138	6.7	6.0	6.3	COMANCHE (NAI-14-176)	5.0	6.3	5.7	PST-11-7	5.0	5.3	5.2
J-1319	7.0	5.7	6.3	MVS-130	5.7	5.7	5.7	RAD 553	5.3	5.0	5.2
ACOUSTIC (PPG-KB 1131)	6.0	6.7	6.3	NAI-14-132	5.7	5.7	5.7	BABE	5.0	5.0	5.0
PST-K15-167	6.0	6.7	6.3	ORION (PST-K13-143)	6.0	5.3	5.7	BAR PP 71213	5.0	5.0	5.0
BLUE MAGIC (A99-2897)	5.7	6.7	6.2	SUPER MOON (PST-K13-141)	5.7	5.7	5.7	BAR PP 7K426	6.0	4.0	5.0
BAR PP 79366	7.0	5.3	6.2	DUBLIN (PST-K15-157)	5.3	6.0	5.7	PST-T14-39	5.0	5.0	5.0
BARSERATI (BAR PP 110358)	6.0	6.3	6.2	PST-K15-172	6.0	5.3	5.7	SELWAY	5.3	4.7	5.0
DLFPS-340/3551	5.7	6.7	6.2	A10-280	5.0	6.0	5.5	BAR PP 7236V	5.3	4.3	4.8
DLFPS-340/3553	6.0	6.3	6.2	AVIATOR II (NAI-15-84)	6.0	5.0	5.5	HEARTLAND (NAI-14-187)	5.0	4.7	4.8
TWILIGHT (NAI-13-132)	6.3	6.0	6.2	BLUE KNIGHT	6.3	4.7	5.5	KENBLUE	5.0	4.7	4.8
UNITED (NAI-13-14)	6.7	5.7	6.2	DLFPS-340/3438	5.0	6.0	5.5	NAI-15-80	6.0	3.7	4.8
A06-8	6.3	5.7	6.0	DLFPS-340/3446	5.7	5.3	5.5	RAD-1776	5.0	4.7	4.8
A11-26	6.3	5.7	6.0	DLFPS-340/3549	5.3	5.7	5.5	BARVETTE HGT®	4.7	4.7	4.7
A11-38	6.0	6.0	6.0	FINISH LINE (NAI-14-178)	6.0	5.0	5.5	DLFPS-340/3455	5.0	4.3	4.7
A12-34	6.3	5.7	6.0	J-2726	6.7	4.3	5.5				
A13-1	6.3	5.7	6.0	KH3492	5.7	5.3	5.5				
AKB3241	5.7	6.3	6.0	NAI-14-122	6.0	5.0	5.5	LSD VALUE	0.7	1.3	0.7
BOMBAY (GO-22B23)	6.0	6.0	6.0	ELECTRIC (PST-K11-118)	5.3	5.7	5.5	C.V. (%)	7.5	13.0	7.7

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

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

TABLE 53.

MESOTRIONE DAMAGE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2018 DATA

MESOTRIONE DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/					
NAME	NJ2	NAME	NJ2	NAME	NJ2
NURUSH (J-3510)	9.0	A16-7	5.3	NAI-15-80	3.7
MIDNIGHT	9.0	DLFPS-340/3455	5.3	BAR PP 7236V	3.3
BLUE GEM (NAI-13-9)	9.0	J-2726	5.3	CLOUD (GO-2425)	3.3
PPG-KB 1304	9.0	ELECTRIC (PST-K11-118)	5.3	RAD 553	3.3
DLFPS-340/3553	8.7	NEW MOON (PST-K15-177)	5.3	SKYE	3.3
SYRAH (LTP-11-41)	8.7	AKB3241	5.0	A06-8	3.0
TWILIGHT (NAI-13-132)	8.7	DLFPS-340/3556	5.0	A15-6	3.0
PROSPERITY	8.7	MVS-130	5.0	BAR PP 79366	3.0
BLUE DEVIL	8.3	NAI-14-122	5.0	DLFPS-340/3438	3.0
J-1138	8.3	NAI-14-128	5.0	DLFPS-340/3549	3.0
UNITED (NAI-13-14)	8.3	NAI-14-132	5.0	DLFPS-340/3551	3.0
PPG-KB 1320	8.3	COMANCHE (NAI-14-176)	5.0	DLFPS-340/3552	3.0
J-1319	8.0	HEARTLAND (NAI-14-187)	5.0	BOMBAY (GO-22B23)	3.0
AFTER MIDNIGHT	7.7	AVIATOR II (NAI-15-84)	5.0	NK-1	3.0
PST-11-7	7.7	JERSEY (NAI-A16-3)	5.0	ORION (PST-K13-143)	3.0
A11-26	7.0	PST-K15-167	5.0	A11-38	2.7
BARVETTE HGT®	7.0	BARSERATI (BAR PP 110358)	4.7	A12-34	2.7
AKB3179	6.7	DLFPS-340/3494	4.7	A13-1	2.7
DLFPS-340/3550	6.7	YELLOWSTONE (A12-7)	4.3	BAR PP 7309V	2.7
ACOUSTIC (PPG-KB 1131)	6.7	BAR PP 7K426	4.3	DLFPS-340/3500	2.7
SUPER MOON (PST-K13-141)	6.7	AMAZE (NAI-14-133)	4.3	BAR PP 71213	2.3
PIVOT	6.3	PST-K15-172	4.3	PALOMA (PST-K13-139)	2.3
A10-280	6.0	A16-1	4.0	PST-T14-39	2.3
BLUE MAGIC (A99-2897)	6.0	SHADOW HAWK (A16-2)	4.0	SELWAY	2.3
BABE	6.0	BLUE KNIGHT	4.0	FINISH LINE (NAI-14-178)	2.0
BAR PP 79494	6.0	DLFPS-340/3444	4.0	RAD-1776	2.0
DUBLIN (PST-K15-157)	6.0	DLFPS-340/3548	4.0	A16-17	1.0
AKB3128	5.7	STARR (GO-2628)	4.0		
KENBLUE	5.7	KH3492	4.0		
SHAMROCK	5.7	DLFPS-340/3364	3.7	LSD VALUE	1.4
A11-40	5.3	DLFPS-340/3446	3.7	C.V. (%)	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 54.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT RALEIGH, NC 2/
2018 DATA

NAME	PERCENT ESTABLISHMENT			NAME	PERCENT ESTABLISHMENT			NAME	PERCENT ESTABLISHMENT		
	DECEMBER	FEBRUARY	MEAN		DECEMBER	FEBRUARY	MEAN		DECEMBER	FEBRUARY	MEAN
DLFPS-340/3444	71.7	76.7	74.2	A10-280	53.3	70.0	61.7	DLFPS-340/3438	51.7	60.0	55.8
SKYE	71.7	76.7	74.2	BARVETTE HGT®	55.0	68.3	61.7	DLFPS-340/3553	50.0	61.7	55.8
BAR PP 7236V	70.0	76.7	73.3	J-2726	56.7	66.7	61.7	BLUE GEM (NAI-13-9)	51.7	60.0	55.8
KENBLUE	71.7	73.3	72.5	NK-1	56.7	66.7	61.7	A11-26	51.7	58.3	55.0
RAD-1776	70.0	75.0	72.5	SUPER MOON (PST-K13-141)	56.7	66.7	61.7	A16-7	50.0	60.0	55.0
BAR PP 7309V	68.3	73.3	70.8	PST-K15-172	56.7	66.7	61.7	BAR PP 79494	50.0	60.0	55.0
A16-1	65.0	75.0	70.0	SHAMROCK	53.3	70.0	61.7	MVS-130	51.7	58.3	55.0
BAR PP 7K426	66.7	71.7	69.2	A11-38	58.3	63.3	60.8	COMANCHE (NAI-14-176)	50.0	60.0	55.0
DLFPS-340/3549	65.0	73.3	69.2	A15-6	55.0	66.7	60.8	A06-8	48.3	60.0	54.2
CLOUD (GO-2425)	66.7	71.7	69.2	AKB3128	56.7	65.0	60.8	A13-1	50.0	58.3	54.2
BARSERATI (BAR PP 110358)	63.3	70.0	66.7	DLFPS-340/3552	55.0	66.7	60.8	SHADOW HAWK (A16-2)	48.3	60.0	54.2
DLFPS-340/3551	61.7	71.7	66.7	PPG-KB 1320	55.0	66.7	60.8	AFTER MIDNIGHT	51.7	56.7	54.2
STARR (GO-2628)	65.0	68.3	66.7	DLFPS-340/3494	56.7	63.3	60.0	AKB3241	50.0	58.3	54.2
SYRAH (LTP-11-41)	61.7	71.7	66.7	AVIATOR II (NAI-15-84)	55.0	65.0	60.0	BABE	50.0	58.3	54.2
MIDNIGHT	61.7	71.7	66.7	ACOUSTIC (PPG-KB 1131)	55.0	65.0	60.0	BAR PP 71213	48.3	60.0	54.2
A16-17	63.3	68.3	65.8	AKB3179	51.7	66.7	59.2	NAI-14-122	50.0	58.3	54.2
NURUSH (J-3510)	63.3	68.3	65.8	DLFPS-340/3556	55.0	63.3	59.2	NAI-14-132	48.3	58.3	53.3
PIVOT	63.3	68.3	65.8	J-1319	56.7	61.7	59.2	NEW MOON (PST-K15-177)	46.7	58.3	52.5
PALOMA (PST-K13-139)	61.7	70.0	65.8	UNITED (NAI-13-14)	56.7	61.7	59.2	BLUE MAGIC (A99-2897)	46.7	56.7	51.7
SELWAY	63.3	68.3	65.8	PST-K15-167	56.7	61.7	59.2	DUBLIN (PST-K15-157)	46.7	56.7	51.7
BLUE DEVIL	61.7	68.3	65.0	RAD 553	55.0	63.3	59.2	DLFPS-340/3500	45.0	56.7	50.8
DLFPS-340/3446	60.0	70.0	65.0	YELLOWSTONE (A12-7)	53.3	63.3	58.3	NAI-14-128	46.7	55.0	50.8
J-1138	61.7	68.3	65.0	DLFPS-340/3550	55.0	60.0	57.5	NAI-14-178	46.7	55.0	50.8
BOMBAY (GO-22B23)	61.7	66.7	64.2	HEARTLAND (NAI-14-187)	51.7	63.3	57.5	A12-34	46.7	53.3	50.0
JERSEY (NAI-A16-3)	61.7	66.7	64.2	ORION (PST-K13-143)	51.7	63.3	57.5	AMAZE (NAI-14-133)	45.0	55.0	50.0
PST-T14-39	60.0	68.3	64.2	ELECTRIC (PST-K11-118)	55.0	60.0	57.5	DLFPS-340/3364	43.3	55.0	49.2
A11-40	60.0	66.7	63.3	TWILIGHT (NAI-13-132)	51.7	61.7	56.7	NAI-15-80	41.7	50.0	45.8
KH3492	63.3	63.3	63.3	PPG-KB 1304	51.7	61.7	56.7				
BAR PP 79366	58.3	66.7	62.5	PROSPERITY	53.3	60.0	56.7				
DLFPS-340/3455	58.3	66.7	62.5	PST-11-7	53.3	60.0	56.7	LSD VALUE	22.3	16.4	18.1
DLFPS-340/3548	58.3	66.7	62.5	BLUE KNIGHT	51.7	60.0	55.8	C.V. (%)	16.9	11.8	13.6

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

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

TABLE 55. PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT STILLWATER, OK 2/
2018 DATA

NAME	PERCENT ESTABLISHMENT			MEAN
	2 WEEKS AFTER PLANTING	3 WEEKS AFTER PLANTING	4 WEEKS AFTER PLANTING	
SHADOW HAWK (A16-2)	12.7	60.0	46.7	39.8
BOMBAY (GO-22B23)	8.3	56.7	48.3	37.8
MIDNIGHT	17.3	50.0	41.7	36.3
BAR PP 7236V	12.0	46.7	46.7	35.1
PPG-KB 1304	12.3	50.0	41.7	34.7
STARR (GO-2628)	11.3	50.0	40.0	33.8
RAD-1776	15.3	46.7	36.7	32.9
BARSERATI (BAR PP 110358)	11.0	53.3	33.3	32.6
YELLOWSTONE (A12-7)	11.3	43.3	41.7	32.1
BAR PP 7K426	11.3	50.0	33.3	31.6
DLFPS-340/3438	8.0	50.0	36.7	31.6
A16-1	11.0	46.7	36.7	31.4
BABE	14.3	38.3	40.0	30.9
A15-6	10.0	50.0	31.7	30.6
DLFPS-340/3444	11.7	46.7	33.3	30.6
CLOUD (GO-2425)	10.0	46.7	35.0	30.6
KH3492	10.7	33.3	46.7	30.2
JERSEY (NAI-A16-3)	13.0	43.3	34.3	30.2
A11-26	11.7	46.7	30.0	29.4
DLFPS-340/3551	6.3	50.0	31.7	29.3
DLFPS-340/3552	9.3	40.0	38.3	29.2
NURUSH (J-3510)	11.7	43.3	31.7	28.9
BAR PP 7309V	10.0	50.0	23.3	27.8
BARVETTE HGT®	14.0	40.0	28.3	27.4
RAD 553	9.0	43.3	30.0	27.4
DLFPS-340/3549	7.0	43.3	31.7	27.3
PPG-KB 1320	8.3	46.7	26.7	27.2
A16-7	7.7	46.7	26.7	27.0
SELWAY	8.7	33.3	38.3	26.8
KENBLUE	11.0	43.3	25.0	26.4
J-1138	14.0	46.7	18.3	26.3
SHAMROCK	12.7	36.7	29.3	26.2
J-1319	15.7	36.7	26.0	26.1
SKYE	6.7	43.3	28.3	26.1
SYRAH (LTP-11-41)	11.3	36.7	30.0	26.0
PST-11-7	10.7	45.0	21.7	25.8
A11-38	6.3	46.7	23.3	25.4
A12-34	6.3	46.7	23.3	25.4
PST-K15-167	8.3	43.3	23.3	25.0
UNITED (NAI-13-14)	10.0	38.3	25.0	24.4
PST-T14-39	8.3	40.0	25.0	24.4
ACOUSTIC (PPG-KB 1131)	12.7	33.3	26.7	24.2
AFTER MIDNIGHT	12.0	43.3	16.7	24.0
DLFPS-340/3494	5.7	50.0	15.0	23.6
PST-K15-172	10.0	33.3	26.7	23.3
NEW MOON (PST-K15-177)	10.3	40.0	18.3	22.9
BAR PP 79494	6.3	36.7	25.0	22.7
NK-1	7.3	23.3	36.7	22.4

TABLE 55.
(CONT'D)

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT STILLWATER, OK 2/
2018 DATA

NAME	PERCENT ESTABLISHMENT			MEAN
	2 WEEKS AFTER PLANTING	3 WEEKS AFTER PLANTING	4 WEEKS AFTER PLANTING	
NAI-14-132	7.0	36.7	21.7	21.8
NAI-14-122	7.7	33.3	23.3	21.4
DLFPS-340/3455	9.0	40.0	15.0	21.3
A16-17	13.7	30.0	20.0	21.2
AKB3128	13.0	36.7	13.3	21.0
A11-40	16.7	33.3	12.7	20.9
BLUE DEVIL	7.7	36.7	18.3	20.9
DLFPS-340/3556	9.0	36.7	16.7	20.8
ORION (PST-K13-143)	7.3	36.7	18.3	20.8
TWILIGHT (NAI-13-132)	14.7	28.3	18.3	20.4
PROSPERITY	9.0	28.3	23.3	20.2
PIVOT	7.0	30.0	23.3	20.1
ELECTRIC (PST-K11-118)	5.7	41.7	12.0	19.8
MVS-130	9.3	33.3	15.0	19.2
AMAZE (NAI-14-133)	9.0	26.7	21.7	19.1
DLFPS-340/3500	6.0	36.7	13.3	18.7
DLFPS-340/3553	6.0	33.3	16.7	18.7
NAI-15-80	8.7	25.0	21.7	18.4
BLUE MAGIC (A99-2897)	8.3	33.3	13.3	18.3
BAR PP 79366	9.7	30.0	15.0	18.2
AKB3179	8.3	33.3	11.7	17.8
NAI-14-128	6.7	33.3	13.3	17.8
AVIATOR II (NAI-15-84)	9.0	31.7	11.7	17.4
A10-280	8.7	30.0	13.3	17.3
BAR PP 71213	15.0	30.0	6.7	17.2
COMANCHE (NAI-14-176)	6.7	33.3	11.7	17.2
BLUE KNIGHT	8.0	33.3	10.0	17.1
DLFPS-340/3550	6.3	33.3	11.7	17.1
DUBLIN (PST-K15-157)	7.3	23.3	20.0	16.9
SUPER MOON (PST-K13-141)	7.7	26.7	15.0	16.4
AKB3241	5.7	26.7	16.7	16.3
BLUE GEM (NAI-13-9)	6.3	23.3	18.3	16.0
J-2726	7.7	28.3	11.7	15.9
A13-1	12.7	23.3	10.0	15.3
DLFPS-340/3548	7.0	26.7	11.7	15.1
A06-8	7.3	25.0	11.0	14.4
PALOMA (PST-K13-139)	5.7	25.0	10.0	13.6
NAI-14-178	6.3	18.3	11.7	12.1
DLFPS-340/3364	4.0	20.0	11.7	11.9
NAI-14-187	5.3	20.0	5.0	10.1
DLFPS-340/3446	4.3	16.7	8.3	9.8
LSD VALUE	19.0	51.0	42.7	27.8
C.V. (%)	52.4	40.0	65.9	41.4

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 56.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT RALEIGH, NC 1/
2018-2022 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/						
NAME	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
DLFPS-340/3550	8.3	6.9	7.3	5.0	3.3	6.6
BARVETTE HGT®	7.7	4.4	6.3	7.3	9.0	6.4
BARSERATI (BAR PP 110358)	9.0	7.0	6.3	5.2	3.7	6.3
CLOUD (GO-2425)	9.0	5.7	6.7	5.2	3.7	6.2
DLFPS-340/3552	7.3	5.7	6.7	5.3	6.7	6.2
BAR PP 79494	7.3	5.9	6.6	5.3	4.7	6.1
DLFPS-340/3551	9.0	6.6	6.5	4.3	4.3	6.1
AFTER MIDNIGHT	9.0	5.9	6.3	4.9	2.7	6.0
ELECTRIC (PST-K11-118)	9.0	6.0	6.5	4.8	5.7	6.0
J-1138	9.0	5.6	6.1	5.4	4.7	6.0
A10-280	7.7	4.8	6.0	6.0	6.3	5.9
ACOUSTIC (PPG-KB 1131)	8.3	5.9	6.6	4.6	4.0	5.9
A15-6	8.3	5.7	6.5	4.3	3.0	5.8
BOMBAY (GO-22B23)	9.0	6.0	5.9	4.1	3.3	5.8
MIDNIGHT	8.3	5.8	5.5	5.3	5.7	5.8
SKYE	8.3	5.6	6.3	4.7	2.3	5.8
STARR (GO-2628)	8.0	5.7	6.3	4.7	3.3	5.8
BLUE GEM (NAI-13-9)	9.0	5.4	6.1	4.0	3.7	5.6
NK-1	9.0	4.8	6.1	4.3	5.0	5.6
PPG-KB 1304	8.3	5.9	6.2	3.6	3.7	5.6
UNITED (NAI-13-14)	9.0	6.0	6.2	3.7	3.3	5.6
BLUE MAGIC (A99-2897)	9.0	5.4	5.8	4.0	4.7	5.5
TWILIGHT (NAI-13-132)	8.0	5.2	5.7	4.7	3.3	5.5
BLUE DEVIL	8.3	5.2	6.2	3.8	3.0	5.4
NURUSH (J-3510)	9.0	5.0	6.2	3.6	2.3	5.4
SUPER MOON (PST-K13-141)	9.0	5.3	6.0	3.9	2.0	5.4
A06-8	9.0	6.1	5.4	3.4	1.7	5.3
AKB3128	8.3	5.7	5.7	3.3	3.0	5.3
BAR PP 7309V	8.0	4.2	5.5	4.6	5.7	5.3
BAR PP 79366	7.3	4.8	5.3	4.2	4.7	5.1
PST-K15-167	9.0	5.0	5.3	3.9	2.3	5.1
BAR PP 7236V	8.3	4.0	5.3	4.0	3.7	5.0
J-1319	9.0	5.8	5.1	3.0	1.7	5.0
A12-34	8.3	5.1	5.3	3.1	1.3	4.9
DLFPS-340/3444	8.3	6.0	5.1	2.8	2.3	4.9
PST-K15-172	9.0	4.9	4.6	4.0	3.7	4.9
SELWAY	9.0	4.4	5.3	3.4	2.7	4.9
A16-7	9.0	4.8	5.2	2.9	2.0	4.8
DLFPS-340/3364	9.0	5.4	4.8	3.2	3.3	4.8
DLFPS-340/3455	9.0	4.9	4.8	3.3	1.7	4.8
DLFPS-340/3553	7.7	4.6	5.3	3.7	2.3	4.8
DUBLIN (PST-K15-157)	9.0	4.7	4.8	3.8	2.7	4.8
KH3492	7.3	4.4	5.3	3.4	3.0	4.8
A11-26	6.7	3.8	5.3	3.8	3.7	4.7
NEW MOON (PST-K15-177)	8.0	5.6	4.3	3.7	2.7	4.7
PST-T14-39	8.3	4.3	4.9	3.7	3.3	4.7
A13-1	6.7	5.2	4.6	3.6	1.7	4.6
AKB3241	9.0	4.9	4.0	3.8	4.7	4.6
SHAMROCK	9.0	5.0	4.6	2.4	3.3	4.6

TABLE 56.
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT RALEIGH, NC 1/
2018-2022 DATA

NAME	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE					MEAN
	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	
A11-40	8.3	6.0	4.0	2.4	2.7	4.5
DLFPS-340/3438	9.0	5.2	4.6	2.4	1.7	4.5
JERSEY (NAI-A16-3)	9.0	4.8	4.4	3.1	2.3	4.5
A16-17	6.0	4.7	4.9	3.3	2.0	4.4
BAR PP 7K426	8.7	4.2	3.9	3.4	4.0	4.4
DLFPS-340/3500	6.3	3.8	4.8	3.7	4.0	4.4
DLFPS-340/3556	8.3	4.9	4.5	2.6	1.0	4.4
J-2726	8.3	4.7	4.7	2.4	1.7	4.4
SHADOW HAWK (A16-2)	9.0	6.1	3.7	1.8	1.3	4.3
BABE	9.0	3.4	4.6	3.2	2.3	4.3
BAR PP 71213	8.3	3.8	5.0	2.4	1.7	4.3
DLFPS-340/3446	9.0	4.9	4.2	2.6	2.0	4.3
MVS-130	9.0	4.7	4.5	2.4	1.7	4.3
YELLOWSTONE (A12-7)	8.3	4.1	4.5	2.8	3.3	4.3
DLFPS-340/3494	8.0	3.4	4.3	3.6	2.3	4.2
DLFPS-340/3548	8.3	3.4	4.8	2.4	1.7	4.2
HEARTLAND (NAI-14-187)	9.0	5.6	3.9	2.1	1.3	4.2
AVIATOR II (NAI-15-84)	7.7	4.0	4.1	2.8	3.0	4.1
ORION (PST-K13-143)	9.0	4.2	3.9	2.8	2.7	4.1
PROSPERITY	9.0	4.2	4.0	2.7	1.3	4.1
AKB3179	9.0	4.1	4.0	2.2	2.0	4.0
DLFPS-340/3549	9.0	4.0	3.7	2.7	2.0	4.0
NAI-14-122	8.3	5.0	3.8	2.3	1.0	4.0
PIVOT	9.0	3.8	4.3	2.1	1.0	4.0
PST-11-7	8.0	3.8	3.8	3.0	1.7	4.0
RAD 553	7.3	3.8	4.3	2.6	1.7	4.0
A16-1	9.0	5.0	3.6	1.7	1.3	3.9
NAI-14-128	9.0	4.9	3.6	1.9	1.0	3.9
SYRAH (LTP-11-41)	9.0	3.4	3.9	2.6	2.0	3.9
KENBLUE	7.0	3.6	3.5	3.0	4.0	3.8
COMANCHE (NAI-14-176)	9.0	4.3	3.4	1.8	1.0	3.7
NAI-15-80	7.7	4.9	3.6	1.7	1.3	3.7
RAD-1776	7.7	4.8	3.0	2.4	2.0	3.7
AMAZE (NAI-14-133)	9.0	4.4	3.0	1.7	1.0	3.5
NAI-14-132	7.7	3.9	3.2	1.9	1.7	3.5
PALOMA (PST-K13-139)	9.0	4.1	2.8	2.1	1.3	3.5
FINISH LINE (NAI-14-178)	5.3	4.4	3.4	1.8	1.7	3.4
BLUE KNIGHT	6.3	4.7	3.0	2.2	2.0	3.3
A11-38	6.7	3.1	3.5	1.6	1.0	3.2
PPG-KB 1320	7.3	3.4	2.7	1.7	1.3	3.0
LSD VALUE	3.3	1.3	1.5	1.2	2.4	1.2
C.V. (%)	4.5	28.2	37.5	41.0	50.0	35.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH DATES OF COLLECTION: JUNE 2019, JULY 2020-2022, AUGUST 18/19/20/22, SEPTEMBER 18/21/22, OCTOBER 2021.

TABLE 57.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT NORTH BRUNSWICK, NJ 1/
2020 AND 2022 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE 2020	JULY 2020	JUNE 2022	MEAN
DLFPS-340/3551	9.0	8.7	9.0	8.9
DLFPS-340/3552	9.0	8.7	9.0	8.9
AKB3241	9.0	9.0	8.7	8.8
NAI-15-80	9.0	8.7	8.7	8.8
NK-1	9.0	8.7	8.7	8.8
PIVOT	9.0	8.0	9.0	8.8
BLUE GEM (NAI-13-9)	9.0	8.7	8.3	8.6
DLFPS-340/3438	9.0	7.3	8.7	8.4
MIDNIGHT	9.0	8.0	8.3	8.4
TWILIGHT (NAI-13-132)	9.0	7.3	8.7	8.4
A11-40	8.7	7.3	8.7	8.3
A12-34	9.0	7.7	8.3	8.3
ACOUSTIC (PPG-KB 1131)	9.0	6.0	9.0	8.3
AKB3128	9.0	6.7	8.7	8.3
DLFPS-340/3364	9.0	7.0	8.7	8.3
NAI-14-132	9.0	7.0	8.7	8.3
BARSERATI (BAR PP 110358)	8.7	6.7	8.7	8.2
BLUE MAGIC (A99-2897)	9.0	5.7	9.0	8.2
UNITED (NAI-13-14)	8.7	7.3	8.3	8.2
A15-6	8.7	6.3	8.7	8.1
J-1319	9.0	6.0	8.7	8.1
AVIATOR II (NAI-15-84)	8.0	6.7	8.7	8.0
CLOUD (GO-2425)	8.7	6.7	8.3	8.0
DLFPS-340/3550	9.0	5.7	8.7	8.0
DUBLIN (PST-K15-157)	9.0	8.3	7.3	8.0
MVS-130	8.7	6.7	8.3	8.0
PST-K15-167	8.0	6.7	8.7	8.0
DLFPS-340/3446	9.0	6.0	8.3	7.9
NAI-14-122	9.0	6.0	8.3	7.9
A06-8	8.3	4.7	9.0	7.8
A16-7	9.0	6.3	8.0	7.8
AMAZE (NAI-14-133)	7.7	6.7	8.3	7.8
BLUE DEVIL	8.7	6.3	8.0	7.8
COMANCHE (NAI-14-176)	9.0	6.7	7.7	7.8
HEARTLAND (NAI-14-187)	8.7	7.0	7.7	7.8
ORION (PST-K13-143)	9.0	7.0	7.7	7.8
PPG-KB 1320	8.7	4.7	9.0	7.8
STARR (GO-2628)	8.7	6.3	8.0	7.8
A13-1	8.3	5.7	8.3	7.7
BOMBAY (GO-22B23)	8.7	6.0	8.0	7.7
NAI-14-128	9.0	6.3	7.7	7.7
SKYE	9.0	7.7	7.0	7.7
AKB3179	8.7	6.3	7.3	7.4
DLFPS-340/3455	8.0	5.7	8.0	7.4
BAR PP 79494	8.7	6.0	7.3	7.3
DLFPS-340/3553	7.7	4.3	8.7	7.3
DLFPS-340/3556	8.3	4.3	8.3	7.3
J-1138	9.0	5.3	7.3	7.3

TABLE 57. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) AT NORTH BRUNSWICK, NJ 1/
 2020 AND 2022 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/				
NAME	JUNE 2020	JULY 2020	JUNE 2022	MEAN
NURUSH (J-3510)	9.0	6.3	7.0	7.3
PPG-KB 1304	7.7	4.3	8.7	7.3
RAD-1776	9.0	8.3	6.0	7.3
PST-K15-172	8.7	6.0	7.0	7.2
BAR PP 7K426	7.7	5.3	7.3	6.9
NEW MOON (PST-K15-177)	7.7	4.7	7.7	6.9
A10-280	8.3	4.3	7.3	6.8
BAR PP 7309V	8.7	6.3	6.0	6.8
DLFPS-340/3444	7.0	4.7	7.7	6.8
PST-11-7	6.0	3.3	9.0	6.8
PST-T14-39	7.7	5.3	7.0	6.8
SUPER MOON (PST-K13-141)	8.0	3.3	8.0	6.8
SYRAH (LTP-11-41)	5.0	4.0	9.0	6.8
SHADOW HAWK (A16-2)	7.3	4.3	7.3	6.6
AFTER MIDNIGHT	8.0	4.7	6.7	6.5
SHAMROCK	7.0	4.0	7.3	6.4
A16-1	7.7	3.7	7.0	6.3
ELECTRIC (PST-K11-118)	7.3	2.7	7.7	6.3
PROSPERITY	6.3	3.0	8.0	6.3
SELWAY	6.7	2.7	8.0	6.3
A11-26	6.0	2.7	8.0	6.2
BABE	6.3	3.0	7.7	6.2
BAR PP 7236V	7.0	3.3	7.0	6.1
JERSEY (NAI-A16-3)	6.0	3.3	7.0	5.8
KH3492	6.3	3.3	6.7	5.8
DLFPS-340/3494	6.3	2.0	6.3	5.3
DLFPS-340/3500	6.7	3.3	5.0	5.0
PALOMA (PST-K13-139)	7.7	3.7	4.3	5.0
BAR PP 79366	6.3	3.3	5.0	4.9
KENBLUE	5.0	1.3	6.7	4.9
DLFPS-340/3548	2.7	1.0	7.7	4.8
J-2726	5.0	1.7	6.3	4.8
BARVETTE HGT®	7.0	3.0	4.0	4.5
BAR PP 71213	5.7	2.0	4.0	3.9
A16-17	4.7	1.3	4.0	3.5
RAD 553	2.0	1.3	5.3	3.5
YELLOWSTONE (A12-7)	3.7	1.0	4.3	3.3
BLUE KNIGHT	2.3	1.0	4.7	3.2
DLFPS-340/3549	2.7	1.3	4.3	3.2
FINISH LINE (NAI-14-178)	5.3	2.0	2.7	3.2
A11-38	1.3	1.0	2.0	1.6
LSD VALUE	1.8	2.5	2.1	1.6
C.V. (%)	15.4	30.8	17.4	21.6

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
2018-2022 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/
A06-8	5.6	5.6	DLFPS-340/3552	5.8	33.3
A10-280	5.8	33.3	DLFPS-340/3553	5.7	16.7
A11-26	5.9	38.9	DLFPS-340/3556	5.6	22.2
A11-38	5.2	11.1	DUBLIN (PST-K15-157)	5.3	11.1
A11-40	5.8	22.2	ELECTRIC (PST-K11-118)	5.9	55.6
A12-34	5.3	0.0	FINISH LINE (NAI-14-178)	5.6	22.2
A13-1	5.7	38.9	HEARTLAND (NAI-14-187)	5.2	0.0
A15-6	5.5	16.7	J-1138	6.1	61.1
A16-1	5.2	0.0	J-1319	5.3	22.2
A16-17	5.7	27.8	J-2726	5.4	11.1
SHADOW HAWK (A16-2)	5.6	16.7	JERSEY (NAI-A16-3)	5.6	16.7
A16-7	5.4	16.7	KENBLUE	4.9	5.6
ACOUSTIC (PPG-KB 1131)	5.9	27.8	KH3492	5.7	22.2
AFTER MIDNIGHT	5.8	44.4	MIDNIGHT	5.9	44.4
AKB3128	5.7	27.8	MVS-130	5.3	5.6
AKB3179	5.6	33.3	NAI-14-122	5.4	11.1
AKB3241	5.7	22.2	NAI-14-128	5.4	11.1
AMAZE (NAI-14-133)	5.3	5.6	NAI-14-132	5.2	11.1
AVIATOR II (NAI-15-84)	5.1	5.6	NAI-15-80	5.3	11.1
BABE	5.5	11.1	NEW MOON (PST-K15-177)	5.4	22.2
BAR PP 71213	5.3	11.1	NK-1	5.3	0.0
BAR PP 7236V	5.8	27.8	NURUSH (J-3510)	5.9	55.6
BAR PP 7309V	5.5	5.6	ORION (PST-K13-143)	5.5	22.2
BAR PP 79366	5.8	38.9	PALOMA (PST-K13-139)	5.2	0.0
BAR PP 79494	5.9	50.0	PIVOT	5.4	5.6
BAR PP 7K426	5.6	22.2	PPG-KB 1304	6.1	61.1
BARSERATI (BAR PP 110358)	6.1	61.1	PPG-KB 1320	5.1	5.6
BARVETTE HGT®	6.0	50.0	PROSPERITY	5.5	22.2
BLUE DEVIL	5.7	33.3	PST-11-7	5.3	16.7
BLUE GEM (NAI-13-9)	6.0	50.0	PST-K15-167	5.3	5.6
BLUE KNIGHT	4.9	0.0	PST-K15-172	5.7	27.8
BLUE MAGIC (A99-2897)	5.8	33.3	PST-T14-39	5.4	11.1
BOMBAY (GO-22B23)	6.2	72.2	RAD 553	5.3	5.6
CLOUD (GO-2425)	6.2	77.8	RAD-1776	5.5	16.7
COMANCHE (NAI-14-176)	5.2	16.7	SELWAY	5.5	16.7
DLFPS-340/3364	5.0	0.0	SHAMROCK	5.3	5.6
DLFPS-340/3438	5.4	11.1	SKYE	6.1	61.1
DLFPS-340/3444	5.2	0.0	STARR (GO-2628)	6.3	83.3
DLFPS-340/3446	5.3	5.6	SUPER MOON (PST-K13-141)	5.6	16.7
DLFPS-340/3455	5.4	11.1	SYRAH (LTP-11-41)	5.9	33.3
DLFPS-340/3494	5.3	16.7	TWILIGHT (NAI-13-132)	5.8	27.8
DLFPS-340/3500	5.7	44.4	UNITED (NAI-13-14)	5.9	50.0
DLFPS-340/3548	5.3	0.0	YELLOWSTONE (A12-7)	5.5	5.6
DLFPS-340/3549	5.4	0.0			
DLFPS-340/3550	5.9	38.9	LSL VALUE	0.3	
DLFPS-340/3551	5.6	27.8	C.V. (%)	11.9	

*/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
**/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.
2/ MAXIMUM IN TOP 25% THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.