

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.

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2017 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2022

State	Location	Code
Connecticut	Storrs	CT1
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Iowa	Ames (Shade)	IA2
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

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	A16-2	The Scotts Company			
*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.

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
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	SANDY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	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
MA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	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	SANDY LOAM	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	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	5.6-6.0	151-270	151-240	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	2.6-3.0	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	2.1-2.5	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	PARTIAL SHADE	1.6-2.0	TO PREVENT DORMANCY

TABLE B.				LOCATIONS AND DATA COLLECTED IN 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
CT1				X	X	X	X	X	X	X	X		X	X	X
IA1				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
MA1				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
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	
NJ2				X	X	X	X	X	X	X			X	X	
NJ3															
OK1	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		
VA1				X	X	X	X	X	X	X					

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2022

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	STEM RUST	DOLLAR SPOT	SUMMER PATCH	INSECT DAMAGE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER
CT1	X		X								X		
IA1		X											
IA2	X	X	X								X	X	X
IN1		X								X			
MA1													
MD1													
MI1			X										
MN1													
NC1		X							X				
ND1	X	X	X	X	X	X						X	X
NE1			X										
NJ1							X	X					
NJ2			X										
NJ3													
OK1		X	X		X	X							
TN1	X	X	X	X	X	X							
UT1													
VA1				X									

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2022

LOCATION	SEEDHEAD RATINGS	TURFGRASS UNIFORMITY	BILLBUG COUNTS	SUMMER PATCH RATINGS			WEAR TOLERANCE RATINGS		
				JULY	AUGUST	SEPTEMBER	MAY	JULY	OCTOBER
CT1									
IA1									
* IA2									
IN1	X		X						
MA1							X	X	X
MD1									
MI1									
MN1									
NC1	X	X		X	X	X			
ND1									
NE1		X							
NJ1									
NJ2									
* NJ3									
OK1									
TN1									
UT1		X							
VA1									

* MORE DATA FOR IA2 AND NJ3 IN TABLE 11 AND 10.

TABLE 1.

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
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 1.
(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 2. 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
AO6-8	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
A16-2	73	6.2	6.4	6.1	6.2	6.6	6.3

TABLE 2. 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 3. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
NAME	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
STARR (GO-2628)	6.4	7.4	7.0	4.5	6.7	6.6	6.6	6.8	6.1	6.8	7.8	6.1
BARVETTE HGT®	6.4	7.3	7.4	5.8	7.2	5.9	5.7	6.0	6.3	6.5	7.9	6.0
BARSERATI (BAR PP 110358)	6.0	5.7	7.6	5.0	7.0	6.7	6.3	6.7	6.4	6.4	7.5	6.0
CLOUD (GO-2425)	6.1	7.0	6.8	4.2	6.2	6.8	5.3	6.3	6.0	6.9	7.2	5.9
BOMBAY (GO-22B23)	6.2	6.1	7.4	3.7	6.5	6.9	6.4	6.7	5.3	6.9	7.5	5.9
PPG-KB 1304	6.3	6.9	7.6	4.0	6.3	6.2	5.2	6.8	5.7	5.9	7.1	5.9
SKYE	6.6	6.3	7.2	3.9	6.3	6.4	5.2	6.8	5.9	6.8	7.3	5.9
MIDNIGHT	6.4	6.9	6.4	5.5	7.0	6.4	5.2	6.4	5.1	6.8	6.6	5.8
J-1138	5.9	6.6	6.5	5.3	6.7	6.7	5.5	7.1	5.3	6.1	7.0	5.8
BLUE GEM (NAI-13-9)	6.5	6.5	5.7	4.2	7.0	6.7	4.9	6.5	5.3	7.0	6.6	5.8
BAR PP 7236V	6.5	6.5	7.4	4.7	7.3	6.0	5.0	5.6	6.1	6.4	7.5	5.8
BLUE MAGIC (A99-2897)	6.4	6.7	7.0	5.0	6.7	6.4	3.7	6.0	5.9	6.8	6.8	5.8
SYRAH (LTP-11-41)	6.4	7.1	7.1	3.5	6.2	6.8	4.5	6.7	5.9	6.5	7.7	5.8
A11-26	6.3	6.1	5.7	4.4	6.2	6.4	5.9	6.5	6.0	6.6	7.0	5.7
BAR PP 79494	6.3	6.8	6.2	5.5	7.0	6.7	4.0	5.8	5.3	7.0	6.8	5.7
SUPER MOON (PST-K13-141)	6.5	6.6	6.7	3.7	7.0	6.0	4.2	5.3	5.4	6.9	6.8	5.7
UNITED (NAI-13-14)	6.3	6.4	6.0	4.6	6.5	6.6	4.4	6.0	5.0	6.6	6.9	5.7
ACOUSTIC (PPG-KB 1131)	6.0	5.7	6.4	5.1	6.4	6.4	5.6	6.0	5.1	6.8	6.6	5.7
NURUSH (J-3510)	6.5	6.8	6.7	3.7	6.2	6.6	4.5	6.1	4.4	6.5	6.5	5.7
DLFPS-340/3550	6.2	5.7	6.4	4.6	6.1	6.3	5.7	6.3	4.0	7.2	6.4	5.7
A16-17	6.0	6.8	6.7	3.6	6.2	6.4	2.4	7.0	5.7	6.6	6.9	5.6
DLFPS-340/3552	6.4	6.1	6.9	4.6	6.2	6.2	3.5	6.2	5.5	7.1	6.3	5.6
PST-K15-172	6.3	6.7	6.3	3.9	6.5	6.6	5.3	5.9	5.2	6.4	6.3	5.6
DLFPS-340/3553	6.2	6.7	7.2	4.3	6.3	6.2	5.3	5.8	5.0	6.8	7.0	5.6
A11-40	6.3	6.8	7.3	4.0	6.8	5.7	5.5	5.9	4.9	6.3	6.4	5.6
AFTER MIDNIGHT	6.5	5.5	5.8	4.6	7.0	6.1	5.7	5.3	5.2	7.0	5.8	5.6
A10-280	6.5	5.9	6.4	5.3	6.8	5.9	5.7	4.2	4.9	6.4	7.3	5.6
BLUE DEVIL	6.6	6.9	6.6	3.7	5.8	6.5	4.8	6.1	5.5	6.8	6.1	5.6
ELECTRIC (PST-K11-118)	6.3	6.1	7.2	5.0	6.7	6.2	4.4	3.5	5.4	6.4	6.8	5.6
AKB3241	6.5	6.2	6.4	4.0	7.3	6.8	3.9	5.4	4.6	6.9	6.8	5.5
KH3492	6.5	6.7	7.1	3.5	7.0	5.9	4.1	5.4	5.1	6.8	5.7	5.5
SELWAY	6.3	6.0	6.4	3.5	6.3	6.1	6.7	4.8	5.3	6.1	7.0	5.5
TWILIGHT (NAI-13-132)	6.3	6.8	6.1	4.2	7.0	6.2	4.7	5.1	4.6	6.8	5.9	5.5
AKB3179	6.3	6.6	6.7	2.9	7.3	6.6	3.7	5.3	4.8	6.5	6.1	5.5
BAR PP 7K426	6.4	5.8	6.8	3.6	7.2	5.8	3.7	5.2	5.7	6.8	6.9	5.4
DLFPS-340/3551	6.1	5.9	6.9	4.3	6.3	6.2	2.8	5.6	4.7	6.3	5.4	5.4
DLFPS-340/3500	6.1	5.4	6.7	4.6	6.3	5.3	4.4	3.6	4.4	6.8	7.4	5.4
A15-6	6.4	4.9	6.3	4.5	6.3	5.9	4.7	5.1	6.0	6.6	6.2	5.4
BAR PP 79366	6.5	5.6	6.6	4.2	6.3	6.0	4.2	4.5	4.5	6.9	6.4	5.4
A13-1	5.9	5.8	6.6	3.7	6.3	6.3	3.0	5.7	4.9	7.1	7.1	5.4
ORION (PST-K13-143)	6.3	5.5	6.4	3.5	6.5	6.4	4.4	5.2	5.4	5.8	6.3	5.4
RAD-1776	6.0	5.8	6.8	3.3	7.0	6.0	3.8	5.0	5.3	6.5	6.7	5.4
A06-8	6.0	7.0	6.8	3.4	6.8	6.1	3.3	4.8	3.9	6.8	6.2	5.4
AKB3128	6.4	6.5	6.7	3.5	7.2	6.1	3.3	4.8	5.1	6.8	6.8	5.4
BAR PP 7309V	6.3	5.8	6.2	4.4	7.0	6.0	2.9	4.4	5.4	6.4	6.5	5.4
A16-2	6.4	6.8	5.9	3.2	6.5	5.8	4.5	4.8	4.3	7.1	6.4	5.4
JERSEY (NAI-A16-3)	6.4	5.5	6.3	3.6	6.7	6.6	4.3	5.2	4.8	5.9	5.5	5.3
NAI-14-128	6.2	7.5	5.9	2.4	6.5	6.2	4.1	4.3	5.1	6.4	6.0	5.3
BABE	6.0	6.2	6.2	3.2	7.2	6.3	4.4	5.5	4.7	6.2	6.6	5.3
NAI-14-122	6.3	5.6	6.7	2.9	6.5	6.3	3.5	4.5	5.3	6.5	6.5	5.3
DLFPS-340/3494	6.5	4.9	5.8	3.9	6.8	6.0	5.2	3.2	5.1	6.9	5.2	5.3
NAI-15-80	6.0	7.0	6.4	2.6	7.5	6.2	2.1	5.1	5.4	6.5	6.1	5.3

TABLE 3.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
NAME	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
FINISH LINE (NAI-14-178)	6.3	6.9	5.8	2.2	7.3	6.4	3.1	4.7	4.7	6.0	6.0	5.3
DLFPS-340/3549	6.2	6.3	6.5	2.6	6.3	5.9	5.2	4.8	4.6	5.6	6.3	5.3
DLFPS-340/3556	6.7	6.6	6.3	2.3	6.2	6.1	3.3	5.0	3.8	6.3	6.0	5.2
YELLOWSTONE (A12-7)	6.1	5.9	5.7	3.5	6.9	6.2	4.1	3.1	4.7	6.3	5.7	5.2
DLFPS-340/3444	6.4	6.4	6.2	3.3	6.6	6.3	3.5	4.8	5.4	6.2	6.2	5.2
AMAZE (NAI-14-133)	6.3	6.3	6.2	2.6	6.3	6.0	3.4	4.6	5.2	6.4	6.8	5.2
RAD 553	6.0	6.4	5.8	3.2	7.1	5.7	3.9	4.6	5.1	6.0	5.7	5.2
PIVOT	6.2	6.0	5.4	1.8	6.9	6.1	5.3	5.4	3.8	6.7	5.3	5.2
DUBLIN (PST-K15-157)	6.3	6.5	5.6	3.2	7.2	6.3	2.4	4.1	5.2	6.9	5.7	5.2
NK-1	6.2	6.2	7.1	3.6	6.3	5.9	2.2	4.8	5.8	6.3	6.2	5.2
A12-34	6.5	5.9	6.5	2.2	6.7	6.3	2.9	4.7	5.4	6.2	5.6	5.2
PST-T14-39	6.0	6.1	5.2	4.5	7.0	6.4	4.1	4.4	5.1	6.3	6.0	5.2
DLFPS-340/3455	6.2	6.0	6.0	2.7	7.2	6.0	3.6	4.8	4.4	6.2	6.6	5.2
MVS-130	6.6	5.9	6.2	2.7	6.5	6.1	4.0	4.0	4.1	7.0	6.0	5.2
DLFPS-340/3438	6.0	5.2	6.7	3.4	6.6	6.0	3.3	4.7	4.2	6.9	6.1	5.2
DLFPS-340/3364	6.0	6.1	5.8	4.2	6.3	6.3	2.6	5.0	5.0	6.9	6.1	5.2
PROSPERITY	6.2	5.2	5.3	2.3	6.2	6.5	4.5	4.4	3.9	6.5	5.4	5.1
BLUE KNIGHT	6.3	6.2	5.5	3.9	6.2	5.9	3.1	5.0	5.1	6.2	6.2	5.1
J-2726	6.5	5.3	5.4	2.7	6.0	6.1	4.7	3.7	4.4	5.9	6.1	5.1
DLFPS-340/3548	6.1	6.1	5.7	2.4	6.5	6.4	5.5	4.4	4.9	5.6	6.5	5.1
DLFPS-340/3446	6.4	6.3	6.5	2.9	6.0	6.4	2.5	4.4	4.4	6.6	5.7	5.1
PST-11-7	5.9	5.3	5.6	2.8	7.2	5.8	6.7	1.6	5.6	5.9	5.3	5.1
NEW MOON (PST-K15-177)	6.4	5.4	5.7	3.2	6.5	6.9	4.0	3.0	4.6	6.4	5.6	5.1
HEARTLAND (NAI-14-187)	6.3	6.1	6.0	2.8	6.7	6.2	3.4	4.5	5.1	5.8	5.2	5.1
A11-38	6.1	6.2	6.6	1.6	6.7	6.0	2.9	4.6	3.6	6.3	5.1	5.1
SHAMROCK	6.1	6.0	6.0	3.6	6.8	5.9	3.1	3.7	4.1	6.5	6.0	5.1
KENBLUE	6.0	6.6	6.1	3.8	6.2	5.4	4.3	4.2	4.6	6.5	5.6	5.0
A16-7	6.3	6.8	6.1	2.4	6.2	6.0	3.0	4.2	5.0	6.6	5.6	5.0
PPG-KB 1320	5.8	5.6	5.8	2.7	6.7	6.4	4.1	3.8	3.1	5.7	5.2	5.0
NAI-14-132	6.1	5.4	6.8	1.8	6.3	6.3	3.0	4.0	4.1	6.5	6.1	5.0
PST-K15-167	6.0	6.3	5.6	3.3	7.2	6.3	3.8	4.3	4.6	6.5	5.5	5.0
COMANCHE (NAI-14-176)	5.9	6.0	6.4	1.6	7.2	6.2	3.1	3.5	4.3	6.3	5.5	4.9
AVIATOR II (NAI-15-84)	6.1	6.0	5.9	2.8	6.7	5.7	2.4	3.6	4.7	5.9	5.7	4.9
PALOMA (PST-K13-139)	6.2	5.7	6.0	2.1	6.5	6.0	3.1	3.8	3.9	6.7	5.5	4.9
BAR PP 71213	6.4	5.2	6.5	3.5	7.0	5.9	2.3	3.6	5.2	6.1	6.2	4.9
A16-1	5.7	6.2	5.6	2.2	6.9	6.2	2.1	4.0	3.9	6.6	6.2	4.9
J-1319	6.3	6.7	6.0	3.5	5.8	6.2	2.7	4.2	3.7	5.9	5.8	4.9
LSD VALUE	0.7	1.6	0.9	1.4	0.1	0.5	1.6	1.0	1.4	0.9	1.2	0.3
C.V. (%)	6.8	15.9	9.2	24.6	0.8	4.5	24.0	12.0	17.6	8.6	11.6	12.2

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

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

TABLE 4.

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

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

NAME	IN1	MD1	MN1	UT1	MEAN
CLOUD (GO-2425)	5.9	7.0	4.9	5.9	5.9
PPG-KB 1304	6.0	7.3	4.4	5.7	5.9
BLUE MAGIC (A99-2897)	6.4	7.0	4.5	5.6	5.9
DLFPS-340/3550	6.1	6.5	4.6	6.0	5.8
NURUSH (J-3510)	5.7	6.7	4.7	5.9	5.7
DLFPS-340/3551	5.7	6.1	4.8	6.2	5.7
SUPER MOON (PST-K13-141)	5.7	6.4	5.0	5.7	5.7
UNITED (NAI-13-14)	5.4	6.6	4.8	6.0	5.7
BOMBAY (GO-22B23)	5.6	6.5	4.7	6.0	5.7
BLUE GEM (NAI-13-9)	5.6	7.0	4.4	5.7	5.7
SKYE	5.6	6.6	4.9	5.6	5.7
J-1138	5.4	7.0	4.8	5.4	5.7
STARR (GO-2628)	5.6	6.8	4.6	5.7	5.7
ELECTRIC (PST-K11-118)	6.0	6.9	4.6	5.1	5.7
DLFPS-340/3500	5.0	6.6	4.7	6.2	5.6
PROSPERITY	4.9	6.6	5.0	5.9	5.6
MIDNIGHT	5.5	6.6	4.5	5.8	5.6
BARSERATI (BAR PP 110358)	6.2	6.8	5.1	4.3	5.6
A06-8	5.8	6.7	4.0	5.7	5.5
AKB3179	5.7	6.3	4.9	5.2	5.5
NAI-14-128	5.4	6.7	4.6	5.4	5.5
DLFPS-340/3552	5.5	6.3	4.4	5.8	5.5
A11-26	6.2	6.5	4.4	4.7	5.5
SYRAH (LTP-11-41)	5.2	6.8	4.6	5.1	5.4
A13-1	5.8	6.2	4.3	5.5	5.4
ACOUSTIC (PPG-KB 1131)	5.4	7.2	4.0	5.1	5.4
ORION (PST-K13-143)	5.1	6.6	4.7	5.3	5.4
AFTER MIDNIGHT	4.3	7.2	4.2	5.9	5.4
NAI-14-122	4.8	6.5	4.4	5.9	5.4
A10-280	5.4	6.1	4.6	5.5	5.4
A11-40	6.0	7.0	4.4	4.2	5.4
BAR PP 79366	5.2	6.9	4.7	4.8	5.4
A11-38	5.2	6.5	4.8	5.0	5.4
A15-6	5.4	6.2	4.5	5.4	5.4
A16-17	5.8	6.7	4.9	4.1	5.4
RAD-1776	5.5	6.8	4.6	4.6	5.4
PST-K15-172	5.7	6.5	4.4	4.9	5.3
AMAZE (NAI-14-133)	5.7	6.3	4.8	4.6	5.3
DUBLIN (PST-K15-157)	4.6	6.8	4.9	5.1	5.3
TWILIGHT (NAI-13-132)	5.7	6.0	4.2	5.4	5.3
BARVETTE HGT®	5.6	6.2	4.7	4.8	5.3
J-2726	4.8	6.4	4.7	5.4	5.3
FINISH LINE (NAI-14-178)	5.3	6.0	4.7	5.2	5.3
MVS-130	5.4	6.5	4.4	4.9	5.3
AKB3241	5.5	6.5	3.8	5.4	5.3
DLFPS-340/3556	5.5	6.5	3.8	5.4	5.3
COMANCHE (NAI-14-176)	5.1	6.5	4.7	4.8	5.3
NAI-14-132	5.0	6.4	4.7	5.0	5.3
PIVOT	5.0	6.8	3.9	5.4	5.3
PPG-KB 1320	4.4	6.5	5.2	5.0	5.3
JERSEY (NAI-A16-3)	5.7	6.1	4.6	4.7	5.3

TABLE 4.
(CONT'D)

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

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

NAME	IN1	MD1	MN1	UT1	MEAN
YELLOWSTONE (A12-7)	5.1	6.4	4.9	4.6	5.2
KH3492	5.3	6.9	4.1	4.5	5.2
BAR PP 79494	5.2	6.9	3.8	4.9	5.2
HEARTLAND (NAI-14-187)	4.7	6.5	4.4	5.2	5.2
DLFPS-340/3553	5.5	6.4	4.0	5.0	5.2
BLUE DEVIL	5.0	6.5	4.3	4.9	5.2
NEW MOON (PST-K15-177)	4.2	6.9	3.8	5.8	5.2
A12-34	4.9	6.5	3.8	5.5	5.2
A16-2	5.7	6.3	4.2	4.5	5.2
NAI-15-80	4.6	6.8	4.0	5.2	5.2
AVIATOR II (NAI-15-84)	3.9	6.5	4.5	5.7	5.2
DLFPS-340/3446	5.1	6.3	4.1	5.1	5.1
DLFPS-340/3438	5.2	6.0	4.7	4.7	5.1
AKB3128	5.4	5.9	4.1	5.0	5.1
RAD 553	4.5	6.7	4.3	4.9	5.1
DLFPS-340/3549	5.1	6.4	4.2	4.4	5.1
DLFPS-340/3494	4.8	6.0	4.3	5.0	5.0
BAR PP 7236V	5.0	6.3	4.1	4.9	5.0
SELWAY	4.6	6.3	4.2	5.0	5.0
SHAMROCK	5.1	6.0	3.9	4.9	5.0
NK-1	5.2	6.3	3.8	4.7	5.0
BLUE KNIGHT	4.4	6.3	4.0	5.1	5.0
A16-1	5.2	6.4	3.8	4.5	5.0
BABE	4.8	6.5	4.1	4.5	5.0
BAR PP 7K426	5.0	6.2	3.8	4.8	4.9
PALOMA (PST-K13-139)	4.7	6.0	4.4	4.7	4.9
BAR PP 7309V	5.2	6.0	4.0	4.4	4.9
PST-11-7	5.0	6.0	3.9	4.5	4.9
A16-7	5.0	7.3	3.6	3.4	4.8
DLFPS-340/3548	4.1	5.9	4.0	5.2	4.8
PST-T14-39	4.6	6.0	3.9	4.6	4.8
DLFPS-340/3364	4.5	6.3	4.1	4.1	4.7
DLFPS-340/3444	5.0	5.8	3.3	4.8	4.7
DLFPS-340/3455	4.8	5.7	4.0	4.3	4.7
J-1319	3.7	6.2	4.5	4.1	4.6
PST-K15-167	4.1	6.2	3.7	4.1	4.5
BAR PP 71213	4.4	5.5	4.3	3.7	4.5
KENBLUE	4.5	6.3	3.4	3.4	4.4
LSD VALUE	0.7	0.9	1.0	1.2	0.5
C.V. (%)	7.9	8.9	14.1	15.2	11.6

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

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

TABLE 5.

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
STARR (GO-2628)	6.4	6.6	6.8	6.6
BOMBAY (GO-22B23)	6.2	6.4	6.7	6.4
BARSERATI (BAR PP 110358)	6.0	6.3	6.7	6.3
A11-26	6.3	5.9	6.5	6.2
SKYE	6.6	5.2	6.8	6.2
J-1138	5.9	5.5	7.1	6.2
PPG-KB 1304	6.3	5.2	6.8	6.1
DLFPS-340/3550	6.2	5.7	6.3	6.1
BARVETTE HGT®	6.4	5.7	6.0	6.0
MIDNIGHT	6.4	5.2	6.4	6.0
BLUE GEM (NAI-13-9)	6.5	4.9	6.5	6.0
CLOUD (GO-2425)	6.1	5.3	6.3	5.9
SELWAY	6.3	6.7	4.8	5.9
A11-40	6.3	5.5	5.9	5.9
BLUE DEVIL	6.6	4.8	6.1	5.8
ACOUSTIC (PPG-KB 1131)	6.0	5.6	6.0	5.8
SYRAH (LTP-11-41)	6.4	4.5	6.7	5.8
AFTER MIDNIGHT	6.5	5.7	5.3	5.8
PST-K15-172	6.3	5.3	5.9	5.8
DLFPS-340/3553	6.2	5.3	5.8	5.8
NURUSH (J-3510)	6.5	4.5	6.1	5.7
BAR PP 7236V	6.5	5.0	5.6	5.7
PIVOT	6.2	5.3	5.4	5.6
UNITED (NAI-13-14)	6.3	4.4	6.0	5.6
A10-280	6.5	5.7	4.2	5.5
A15-6	6.4	4.7	5.1	5.4
DLFPS-340/3549	6.2	5.2	4.8	5.4
TWILIGHT (NAI-13-132)	6.3	4.7	5.1	5.4
BLUE MAGIC (A99-2897)	6.4	3.7	6.0	5.4
BAR PP 79494	6.3	4.0	5.8	5.4
DLFPS-340/3552	6.4	3.5	6.2	5.4
KH3492	6.5	4.1	5.4	5.4
DLFPS-340/3548	6.1	5.5	4.4	5.3
SUPER MOON (PST-K13-141)	6.5	4.2	5.3	5.3
ORION (PST-K13-143)	6.3	4.4	5.2	5.3
BABE	6.0	4.4	5.5	5.3
JERSEY (NAI-A16-3)	6.4	4.3	5.2	5.3
AKB3241	6.5	3.9	5.4	5.3
A16-2	6.4	4.5	4.8	5.2
AKB3179	6.3	3.7	5.3	5.1
A16-17	6.0	2.4	7.0	5.1
BAR PP 7K426	6.4	3.7	5.2	5.1
BAR PP 79366	6.5	4.2	4.5	5.1
PROSPERITY	6.2	4.5	4.4	5.0
DLFPS-340/3494	6.5	5.2	3.2	5.0
DLFPS-340/3556	6.7	3.3	5.0	5.0
RAD-1776	6.0	3.8	5.0	5.0
J-2726	6.5	4.7	3.7	4.9

TABLE 5.
(CONT'D)

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
DLFPS-340/3444	6.4	3.5	4.8	4.9
DLFPS-340/3455	6.2	3.6	4.8	4.9
MVS-130	6.6	4.0	4.0	4.9
NAI-14-128	6.2	4.1	4.3	4.9
A13-1	5.9	3.0	5.7	4.8
PST-T14-39	6.0	4.1	4.4	4.8
RAD 553	6.0	3.9	4.6	4.8
AKB3128	6.4	3.3	4.8	4.8
DLFPS-340/3551	6.1	2.8	5.6	4.8
KENBLUE	6.0	4.3	4.2	4.8
BLUE KNIGHT	6.3	3.1	5.0	4.8
AMAZE (NAI-14-133)	6.3	3.4	4.6	4.8
NAI-14-122	6.3	3.5	4.5	4.7
ELECTRIC (PST-K11-118)	6.3	4.4	3.5	4.7
A06-8	6.0	3.3	4.8	4.7
DLFPS-340/3500	6.1	4.4	3.6	4.7
PST-11-7	5.9	6.7	1.6	4.7
A12-34	6.5	2.9	4.7	4.7
HEARTLAND (NAI-14-187)	6.3	3.4	4.5	4.7
FINISH LINE (NAI-14-178)	6.3	3.1	4.7	4.7
PST-K15-167	6.0	3.8	4.3	4.7
DLFPS-340/3438	6.0	3.3	4.7	4.7
PPG-KB 1320	5.8	4.1	3.8	4.6
BAR PP 7309V	6.3	2.9	4.4	4.5
A11-38	6.1	2.9	4.6	4.5
DLFPS-340/3364	6.0	2.6	5.0	4.5
A16-7	6.3	3.0	4.2	4.5
NEW MOON (PST-K15-177)	6.4	4.0	3.0	4.5
DLFPS-340/3446	6.4	2.5	4.4	4.5
YELLOWSTONE (A12-7)	6.1	4.1	3.1	4.4
NAI-15-80	6.0	2.1	5.1	4.4
NK-1	6.2	2.2	4.8	4.4
PALOMA (PST-K13-139)	6.2	3.1	3.8	4.4
J-1319	6.3	2.7	4.2	4.4
NAI-14-132	6.1	3.0	4.0	4.4
SHAMROCK	6.1	3.1	3.7	4.3
DUBLIN (PST-K15-157)	6.3	2.4	4.1	4.3
COMANCHE (NAI-14-176)	5.9	3.1	3.5	4.1
BAR PP 71213	6.4	2.3	3.6	4.1
AVIATOR II (NAI-15-84)	6.1	2.4	3.6	4.0
A16-1	5.7	2.1	4.0	3.9
LSD VALUE	0.7	1.6	1.0	0.7
C.V. (%)	6.8	24.0	12.0	13.9

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

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

TABLE 6.

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MD1	NC1	OK1	TN1	VA1	MEAN
BARVETTE HGT®	6.2	5.8	6.3	6.5	7.9	6.5
BARSERATI (BAR PP 110358)	6.8	5.0	6.4	6.4	7.5	6.4
STARR (GO-2628)	6.8	4.5	6.1	6.8	7.8	6.4
BAR PP 79494	6.9	5.5	5.3	7.0	6.8	6.3
BLUE MAGIC (A99-2897)	7.0	5.0	5.9	6.8	6.8	6.3
CLOUD (GO-2425)	7.0	4.2	6.0	6.9	7.2	6.3
BAR PP 7236V	6.3	4.7	6.1	6.4	7.5	6.2
ACOUSTIC (PPG-KB 1131)	7.2	5.1	5.1	6.8	6.6	6.1
J-1138	7.0	5.3	5.3	6.1	7.0	6.1
SKYE	6.6	3.9	5.9	6.8	7.3	6.1
A11-26	6.5	4.4	6.0	6.6	7.0	6.1
MIDNIGHT	6.6	5.5	5.1	6.8	6.6	6.1
ELECTRIC (PST-K11-118)	6.9	5.0	5.4	6.4	6.8	6.1
SYRAH (LTP-11-41)	6.8	3.5	5.9	6.5	7.7	6.1
BLUE GEM (NAI-13-9)	7.0	4.2	5.3	7.0	6.6	6.0
PPG-KB 1304	7.3	4.0	5.7	5.9	7.1	6.0
A10-280	6.1	5.3	4.9	6.4	7.3	6.0
DLFPS-340/3552	6.3	4.6	5.5	7.1	6.3	6.0
BOMBAY (GO-22B23)	6.5	3.7	5.3	6.9	7.5	6.0
DLFPS-340/3500	6.6	4.6	4.4	6.8	7.4	6.0
AFTER MIDNIGHT	7.2	4.6	5.2	7.0	5.8	6.0
UNITED (NAI-13-14)	6.6	4.6	5.0	6.6	6.9	5.9
DLFPS-340/3553	6.4	4.3	5.0	6.8	7.0	5.9
A16-17	6.7	3.6	5.7	6.6	6.9	5.9
A15-6	6.2	4.5	6.0	6.6	6.2	5.9
SUPER MOON (PST-K13-141)	6.4	3.7	5.4	6.9	6.8	5.8
BAR PP 7K426	6.2	3.6	5.7	6.8	6.9	5.8
A13-1	6.2	3.7	4.9	7.1	7.1	5.8
BAR PP 79366	6.9	4.2	4.5	6.9	6.4	5.8
DLFPS-340/3550	6.5	4.6	4.0	7.2	6.4	5.7
AKB3241	6.5	4.0	4.6	6.9	6.8	5.7
BAR PP 7309V	6.0	4.4	5.4	6.4	6.5	5.7
DLFPS-340/3364	6.3	4.2	5.0	6.9	6.1	5.7
BLUE DEVIL	6.5	3.7	5.5	6.8	6.1	5.7
A11-40	7.0	4.0	4.9	6.3	6.4	5.7
RAD-1776	6.8	3.3	5.3	6.5	6.7	5.7
PST-K15-172	6.5	3.9	5.2	6.4	6.3	5.7
SELWAY	6.3	3.5	5.3	6.1	7.0	5.7
AKB3128	5.9	3.5	5.1	6.8	6.8	5.6
NK-1	6.3	3.6	5.8	6.3	6.2	5.6
KH3492	6.9	3.5	5.1	6.8	5.7	5.6
PST-T14-39	6.0	4.5	5.1	6.3	6.0	5.6
DUBLIN (PST-K15-157)	6.8	3.2	5.2	6.9	5.7	5.6
NURUSH (J-3510)	6.7	3.7	4.4	6.5	6.5	5.5

TABLE 6.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MD1	NC1	OK1	TN1	VA1	MEAN
NAI-14-122	6.5	2.9	5.3	6.5	6.5	5.5
BLUE KNIGHT	6.3	3.9	5.1	6.2	6.2	5.5
ORION (PST-K13-143)	6.6	3.5	5.4	5.8	6.3	5.5
NAI-15-80	6.8	2.6	5.4	6.5	6.1	5.5
TWILIGHT (NAI-13-132)	6.0	4.2	4.6	6.8	5.9	5.5
AMAZE (NAI-14-133)	6.3	2.6	5.2	6.4	6.8	5.5
A16-2	6.3	3.2	4.3	7.1	6.4	5.5
BABE	6.5	3.2	4.7	6.2	6.6	5.4
DLFPS-340/3494	6.0	3.9	5.1	6.9	5.2	5.4
A06-8	6.7	3.4	3.9	6.8	6.2	5.4
DLFPS-340/3444	5.8	3.3	5.4	6.2	6.2	5.4
A16-7	7.3	2.4	5.0	6.6	5.6	5.4
DLFPS-340/3551	6.1	4.3	4.7	6.3	5.4	5.4
KENBLUE	6.3	3.8	4.6	6.5	5.6	5.4
RAD 553	6.7	3.2	5.1	6.0	5.7	5.3
NEW MOON (PST-K15-177)	6.9	3.2	4.6	6.4	5.6	5.3
YELLOWSTONE (A12-7)	6.4	3.5	4.7	6.3	5.7	5.3
DLFPS-340/3438	6.0	3.4	4.2	6.9	6.1	5.3
AKB3179	6.3	2.9	4.8	6.5	6.1	5.3
NAI-14-128	6.7	2.4	5.1	6.4	6.0	5.3
BAR PP 71213	5.5	3.5	5.2	6.1	6.2	5.3
MVS-130	6.5	2.7	4.1	7.0	6.0	5.3
SHAMROCK	6.0	3.6	4.1	6.5	6.0	5.2
PST-K15-167	6.2	3.3	4.6	6.5	5.5	5.2
A12-34	6.5	2.2	5.4	6.2	5.6	5.2
JERSEY (NAI-A16-3)	6.1	3.6	4.8	5.9	5.5	5.2
DLFPS-340/3446	6.3	2.9	4.4	6.6	5.7	5.2
PST-11-7	6.0	2.8	5.6	5.9	5.3	5.2
AVIATOR II (NAI-15-84)	6.5	2.8	4.7	5.9	5.7	5.1
DLFPS-340/3455	5.7	2.7	4.4	6.2	6.6	5.1
DLFPS-340/3549	6.4	2.6	4.6	5.6	6.3	5.1
J-2726	6.4	2.7	4.4	5.9	6.1	5.1
A16-1	6.4	2.2	3.9	6.6	6.2	5.1
HEARTLAND (NAI-14-187)	6.5	2.8	5.1	5.8	5.2	5.1
DLFPS-340/3548	5.9	2.4	4.9	5.6	6.5	5.0
J-1319	6.2	3.5	3.7	5.9	5.8	5.0
NAI-14-132	6.4	1.8	4.1	6.5	6.1	5.0
FINISH LINE (NAI-14-178)	6.0	2.2	4.7	6.0	6.0	5.0
DLFPS-340/3556	6.5	2.3	3.8	6.3	6.0	5.0
PROSPERITY	6.6	2.3	3.9	6.5	5.4	5.0
PIVOT	6.8	1.8	3.8	6.7	5.3	4.8
COMANCHE (NAI-14-176)	6.5	1.6	4.3	6.3	5.5	4.8
PALOMA (PST-K13-139)	6.0	2.1	3.9	6.7	5.5	4.8
PPG-KB 1320	6.5	2.7	3.1	5.7	5.2	4.6
A11-38	6.5	1.6	3.6	6.3	5.1	4.6
LSD VALUE	0.9	1.4	1.4	0.9	1.2	0.5
C.V. (%)	8.9	24.6	17.6	8.6	11.6	13.3

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

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

TABLE 7.

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IN1	MI1	MN1	ND1	NE1	MEAN
BARSERATI (BAR PP 110358)	5.7	6.2	7.6	5.1	7.0	6.7	6.4
BARVETTE HGT®	7.3	5.6	7.4	4.7	7.2	5.9	6.3
AKB3179	6.6	5.7	6.7	4.9	7.3	6.6	6.3
STARR (GO-2628)	7.4	5.6	7.0	4.6	6.7	6.6	6.3
BLUE MAGIC (A99-2897)	6.7	6.4	7.0	4.5	6.7	6.4	6.3
CLOUD (GO-2425)	7.0	5.9	6.8	4.9	6.2	6.8	6.3
PPG-KB 1304	6.9	6.0	7.6	4.4	6.3	6.2	6.2
BOMBAY (GO-22B23)	6.1	5.6	7.4	4.7	6.5	6.9	6.2
A11-40	6.8	6.0	7.3	4.4	6.8	5.7	6.2
SYRAH (LTP-11-41)	7.1	5.2	7.1	4.6	6.2	6.8	6.2
SUPER MOON (PST-K13-141)	6.6	5.7	6.7	5.0	7.0	6.0	6.1
ELECTRIC (PST-K11-118)	6.1	6.0	7.2	4.6	6.7	6.2	6.1
MIDNIGHT	6.9	5.5	6.4	4.5	7.0	6.4	6.1
SKYE	6.3	5.6	7.2	4.9	6.3	6.4	6.1
A16-17	6.8	5.8	6.7	4.9	6.2	6.4	6.1
J-1138	6.6	5.4	6.5	4.8	6.7	6.7	6.1
NURUSH (J-3510)	6.8	5.7	6.7	4.7	6.2	6.6	6.1
A06-8	7.0	5.8	6.8	4.0	6.8	6.1	6.1
FINISH LINE (NAI-14-178)	6.9	5.3	5.8	4.7	7.3	6.4	6.1
BAR PP 7236V	6.5	5.0	7.4	4.1	7.3	6.0	6.1
KH3492	6.7	5.3	7.1	4.1	7.0	5.9	6.0
PST-K15-172	6.7	5.7	6.3	4.4	6.5	6.6	6.0
NAI-14-128	7.5	5.4	5.9	4.6	6.5	6.2	6.0
AKB3241	6.2	5.5	6.4	3.8	7.3	6.8	6.0
AKB3128	6.5	5.4	6.7	4.1	7.2	6.1	6.0
BLUE GEM (NAI-13-9)	6.5	5.6	5.7	4.4	7.0	6.7	6.0
TWILIGHT (NAI-13-132)	6.8	5.7	6.1	4.2	7.0	6.2	6.0
DLFPS-340/3553	6.7	5.5	7.2	4.0	6.3	6.2	6.0
DLFPS-340/3551	5.9	5.7	6.9	4.8	6.3	6.2	6.0
NAI-15-80	7.0	4.6	6.4	4.0	7.5	6.2	6.0
BAR PP 79494	6.8	5.2	6.2	3.8	7.0	6.7	6.0
UNITED (NAI-13-14)	6.4	5.4	6.0	4.8	6.5	6.6	6.0
RAD-1776	5.8	5.5	6.8	4.6	7.0	6.0	5.9
COMANCHE (NAI-14-176)	6.0	5.1	6.4	4.7	7.2	6.2	5.9
A11-38	6.2	5.2	6.6	4.8	6.7	6.0	5.9
DLFPS-340/3552	6.1	5.5	6.9	4.4	6.2	6.2	5.9
AMAZE (NAI-14-133)	6.3	5.7	6.2	4.8	6.3	6.0	5.9
JERSEY (NAI-A16-3)	5.5	5.7	6.3	4.6	6.7	6.6	5.9
DLFPS-340/3550	5.7	6.1	6.4	4.6	6.1	6.3	5.9
A11-26	6.1	6.2	5.7	4.4	6.2	6.4	5.9
A13-1	5.8	5.8	6.6	4.3	6.3	6.3	5.9
BLUE DEVIL	6.9	5.0	6.6	4.3	5.8	6.5	5.9
DUBLIN (PST-K15-157)	6.5	4.6	5.6	4.9	7.2	6.3	5.8
A10-280	5.9	5.4	6.4	4.6	6.8	5.9	5.8
A16-2	6.8	5.7	5.9	4.2	6.5	5.8	5.8

TABLE 7.
(CONT'D)

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

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IN1	MI1	MN1	ND1	NE1	MEAN
YELLOWSTONE (A12-7)	5.9	5.1	5.7	4.9	6.9	6.2	5.8
BABE	6.2	4.8	6.2	4.1	7.2	6.3	5.8
ORION (PST-K13-143)	5.5	5.1	6.4	4.7	6.5	6.4	5.8
NAI-14-132	5.4	5.0	6.8	4.7	6.3	6.3	5.8
MVS-130	5.9	5.4	6.2	4.4	6.5	6.1	5.8
BAR PP 79366	5.6	5.2	6.6	4.7	6.3	6.0	5.8
DLFPS-340/3556	6.6	5.5	6.3	3.8	6.2	6.1	5.7
NK-1	6.2	5.2	7.1	3.8	6.3	5.9	5.7
DLFPS-340/3438	5.2	5.2	6.7	4.7	6.6	6.0	5.7
DLFPS-340/3446	6.3	5.1	6.5	4.1	6.0	6.4	5.7
NAI-14-122	5.6	4.8	6.7	4.4	6.5	6.3	5.7
DLFPS-340/3549	6.3	5.1	6.5	4.2	6.3	5.9	5.7
BAR PP 7K426	5.8	5.0	6.8	3.8	7.2	5.8	5.7
BAR PP 7309V	5.8	5.2	6.2	4.0	7.0	6.0	5.7
ACOUSTIC (PPG-KB 1131)	5.7	5.4	6.4	4.0	6.4	6.4	5.7
HEARTLAND (NAI-14-187)	6.1	4.7	6.0	4.4	6.7	6.2	5.7
PPG-KB 1320	5.6	4.4	5.8	5.2	6.7	6.4	5.7
DLFPS-340/3455	6.0	4.8	6.0	4.0	7.2	6.0	5.7
A12-34	5.9	4.9	6.5	3.8	6.7	6.3	5.7
A16-1	6.2	5.2	5.6	3.8	6.9	6.2	5.6
RAD 553	6.4	4.5	5.8	4.3	7.1	5.7	5.6
DLFPS-340/3444	6.4	5.0	6.2	3.3	6.6	6.3	5.6
SHAMROCK	6.0	5.1	6.0	3.9	6.8	5.9	5.6
SELWAY	6.0	4.6	6.4	4.2	6.3	6.1	5.6
A16-7	6.8	5.0	6.1	3.6	6.2	6.0	5.6
DLFPS-340/3500	5.4	5.0	6.7	4.7	6.3	5.3	5.6
BAR PP 71213	5.2	4.4	6.5	4.3	7.0	5.9	5.6
PIVOT	6.0	5.0	5.4	3.9	6.9	6.1	5.5
PALOMA (PST-K13-139)	5.7	4.7	6.0	4.4	6.5	6.0	5.5
A15-6	4.9	5.4	6.3	4.5	6.3	5.9	5.5
PST-T14-39	6.1	4.6	5.2	3.9	7.0	6.4	5.5
PROSPERITY	5.2	4.9	5.3	5.0	6.2	6.5	5.5
PST-K15-167	6.3	4.1	5.6	3.7	7.2	6.3	5.5
DLFPS-340/3364	6.1	4.5	5.8	4.1	6.3	6.3	5.5
J-1319	6.7	3.7	6.0	4.5	5.8	6.2	5.5
AFTER MIDNIGHT	5.5	4.3	5.8	4.2	7.0	6.1	5.5
DLFPS-340/3548	6.1	4.1	5.7	4.0	6.5	6.4	5.5
PST-11-7	5.3	5.0	5.6	3.9	7.2	5.8	5.5
AVIATOR II (NAI-15-84)	6.0	3.9	5.9	4.5	6.7	5.7	5.4
DLFPS-340/3494	4.9	4.8	5.8	4.3	6.8	6.0	5.4
NEW MOON (PST-K15-177)	5.4	4.2	5.7	3.8	6.5	6.9	5.4
J-2726	5.3	4.8	5.4	4.7	6.0	6.1	5.4
BLUE KNIGHT	6.2	4.4	5.5	4.0	6.2	5.9	5.4
KENBLUE	6.6	4.5	6.1	3.4	6.2	5.4	5.4
LSD VALUE	1.6	0.7	0.9	1.0	0.1	0.5	0.4
C.V. (%)	15.9	7.9	9.2	14.1	0.8	4.5	9.8

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

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

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2022 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DLFPS-340/3500	2.3	7.3	6.7	6.0	5.3	8.0	7.7	6.2
DLFPS-340/3551	3.0	7.0	6.0	5.7	6.3	7.7	7.7	6.2
UNITED (NAI-13-14)	2.3	7.0	6.3	4.3	4.3	8.7	9.0	6.0
BOMBAY (GO-22B23)	4.0	6.0	6.0	6.0	6.0	6.3	7.3	6.0
DLFPS-340/3550	2.7	6.3	6.7	5.7	5.0	7.0	8.3	6.0
AFTER MIDNIGHT	3.3	6.7	7.3	3.7	4.3	7.3	8.7	5.9
CLOUD (GO-2425)	3.0	5.7	6.3	4.7	5.7	7.7	8.3	5.9
NURUSH (J-3510)	2.7	6.7	7.7	3.7	4.7	7.7	8.3	5.9
PROSPERITY	2.7	7.3	7.3	4.3	4.7	7.7	7.3	5.9
NAI-14-122	3.3	8.0	7.3	4.0	5.0	6.0	7.3	5.9
MIDNIGHT	2.7	6.0	7.3	3.7	4.7	7.7	8.7	5.8
DLFPS-340/3552	2.7	8.3	6.0	5.0	5.7	7.0	6.0	5.8
NEW MOON (PST-K15-177)	3.0	6.7	6.7	4.3	4.7	7.3	7.7	5.8
SUPER MOON (PST-K13-141)	3.7	6.0	5.3	6.3	6.3	6.0	6.3	5.7
A06-8	4.0	7.7	6.3	3.7	4.3	6.7	7.3	5.7
AVIATOR II (NAI-15-84)	3.0	7.0	6.7	5.3	5.3	7.0	5.7	5.7
PPG-KB 1304	4.7	6.0	6.7	4.7	4.7	6.3	7.0	5.7
BLUE GEM (NAI-13-9)	2.0	6.0	7.0	5.0	4.3	7.3	8.0	5.7
STARR (GO-2628)	3.0	6.3	6.0	4.7	4.7	7.0	8.0	5.7
SKYE	3.0	5.7	5.3	5.0	5.3	7.0	8.0	5.6
BLUE MAGIC (A99-2897)	3.7	7.3	5.7	4.0	4.3	6.3	7.7	5.6
A10-280	4.3	4.0	5.0	5.7	5.7	7.0	7.0	5.5
A12-34	3.0	6.7	6.3	4.7	5.3	5.7	7.0	5.5
A13-1	3.7	6.7	6.3	5.0	4.7	5.7	6.7	5.5
TWILIGHT (NAI-13-132)	2.3	7.3	6.3	3.7	4.0	6.7	7.7	5.4
A15-6	3.3	6.3	6.0	4.7	5.3	6.0	6.3	5.4
AKB3241	2.7	6.0	5.7	4.7	4.7	7.3	7.0	5.4
J-1138	2.3	5.3	6.7	4.0	4.0	7.3	8.3	5.4
J-2726	2.7	7.0	6.3	3.3	4.3	6.3	8.0	5.4
NAI-14-128	3.0	6.3	7.0	4.3	4.0	6.0	7.3	5.4
PIVOT	2.3	7.0	5.3	4.3	5.0	6.3	7.7	5.4
DLFPS-340/3556	2.7	5.3	6.0	4.3	4.3	7.0	8.0	5.4
ORION (PST-K13-143)	2.7	4.7	4.7	6.3	6.7	6.0	6.0	5.3
AKB3179	3.0	5.3	6.3	4.0	4.3	6.7	7.0	5.2
NAI-15-80	3.3	5.7	5.7	4.0	5.0	6.0	7.0	5.2
DLFPS-340/3548	3.7	7.0	6.0	4.0	3.7	5.0	7.0	5.2
FINISH LINE (NAI-14-178)	4.3	5.7	4.7	4.3	4.0	5.7	7.7	5.2
HEARTLAND (NAI-14-187)	2.0	6.0	6.0	3.7	4.0	6.7	8.0	5.2
DUBLIN (PST-K15-157)	4.0	6.7	5.7	3.7	4.0	5.0	7.0	5.1

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
(CONT'D) GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2022 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SYRAH (LTP-11-41)	3.7	6.0	5.7	4.0	4.0	5.7	7.0	5.1
ACOUSTIC (PPG-KB 1131)	1.7	5.3	6.0	4.0	3.3	7.0	8.7	5.1
BLUE KNIGHT	3.0	5.7	5.7	4.3	4.7	6.3	6.3	5.1
DLFPS-340/3446	3.7	6.0	5.7	3.7	3.7	5.7	7.7	5.1
ELECTRIC (PST-K11-118)	4.3	6.0	4.3	4.0	4.0	6.3	6.7	5.1
PPG-KB 1320	2.0	5.7	6.3	4.0	5.0	5.7	6.7	5.0
SELWAY	4.7	5.0	4.7	5.0	5.7	5.0	5.0	5.0
A11-38	3.0	6.0	5.0	4.0	4.3	5.7	7.0	5.0
AKB3128	3.7	6.0	4.7	3.0	4.0	6.7	6.7	5.0
DLFPS-340/3494	2.0	5.3	5.7	4.0	4.7	6.7	6.3	5.0
DLFPS-340/3553	3.0	5.7	5.7	3.7	3.7	6.0	7.0	5.0
NAI-14-132	2.7	5.3	7.0	4.0	4.3	5.0	6.3	5.0
BLUE DEVIL	3.0	4.0	6.0	4.0	4.3	6.3	6.7	4.9
MVS-130	2.0	6.0	5.7	3.7	4.0	6.0	7.0	4.9
SHAMROCK	3.3	5.7	5.0	3.0	4.3	6.0	7.0	4.9
BAR PP 7236V	5.0	6.0	4.3	3.7	3.3	6.0	5.7	4.9
BAR PP 79494	2.3	5.0	6.7	3.3	4.0	5.7	7.0	4.9
PST-K15-172	2.7	6.0	4.7	3.7	4.7	6.0	6.3	4.9
RAD 553	3.3	4.7	4.7	6.3	6.0	4.7	4.3	4.9
BAR PP 7K426	3.0	6.3	4.3	3.7	4.7	6.0	5.7	4.8
BARVETTE HGT®	5.7	4.0	4.7	4.7	3.7	5.3	5.7	4.8
BAR PP 79366	2.3	5.3	5.3	4.3	4.0	6.0	6.0	4.8
COMANCHE (NAI-14-176)	3.0	6.3	7.0	2.7	3.3	4.7	6.3	4.8
DLFPS-340/3444	3.7	5.7	4.7	3.3	4.0	5.3	6.7	4.8
JERSEY (NAI-A16-3)	3.7	6.0	5.0	3.3	3.7	5.0	6.3	4.7
A11-26	2.7	5.7	5.7	3.3	3.7	5.7	6.0	4.7
DLFPS-340/3438	3.3	5.7	5.7	4.0	4.3	4.7	5.0	4.7
NK-1	3.0	6.3	5.7	3.7	4.0	4.7	5.3	4.7
PALOMA (PST-K13-139)	3.3	5.3	5.0	4.7	4.0	5.0	5.3	4.7
AMAZE (NAI-14-133)	2.7	6.0	6.3	3.0	3.3	4.3	6.7	4.6
PST-T14-39	5.0	5.7	5.0	3.0	3.0	5.0	5.7	4.6
RAD-1776	4.3	6.0	5.0	2.7	3.3	5.0	5.7	4.6
YELLOWSTONE (A12-7)	3.7	4.7	5.0	3.0	3.7	5.7	6.3	4.6
BABE	4.0	6.3	4.7	3.7	3.0	4.7	5.3	4.5
KH3492	4.7	6.0	4.7	2.3	3.0	5.0	6.0	4.5
A16-1	4.3	5.3	4.7	2.3	3.3	4.7	6.7	4.5
PST-11-7	3.7	5.7	6.0	3.0	3.3	4.7	5.0	4.5
A16-2	3.3	5.0	5.0	2.7	3.7	5.7	6.0	4.5
BAR PP 7309V	3.0	5.0	3.7	4.0	4.3	5.3	5.7	4.4
DLFPS-340/3549	3.0	5.7	5.0	4.0	3.0	4.7	5.7	4.4
BARSERATI (BAR PP 110358)	3.7	5.7	4.3	2.7	3.0	5.0	6.0	4.3
DLFPS-340/3455	3.3	5.7	4.0	3.7	4.3	5.0	4.3	4.3
A11-40	3.7	5.0	3.7	3.7	3.3	4.7	5.3	4.2
PST-K15-167	2.0	5.3	4.0	3.0	3.0	5.3	6.3	4.1
J-1319	2.7	5.3	5.3	3.0	3.0	4.3	5.3	4.1
DLFPS-340/3364	3.0	5.0	5.7	2.7	3.7	3.3	5.3	4.1
A16-17	2.7	5.0	4.3	3.3	3.7	5.0	4.7	4.1
BAR PP 71213	4.3	4.3	3.3	2.3	2.3	4.7	4.3	3.7
KENBLUE	4.0	3.3	3.3	2.3	3.3	3.7	4.0	3.4
A16-7	1.7	4.0	5.0	2.7	3.0	3.7	3.7	3.4
LSD VALUE	1.4	2.0	1.3	2.3	2.2	2.2	2.2	1.2
C.V. (%)	27.5	20.9	14.4	35.6	32.6	23.5	20.9	15.2

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

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

TABLE 9.

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

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

NAME	MAY	WEAR TOLERANCE		OCTOBER	APR	MAY	JUN	JUL	QUALITY RATINGS				MEAN
		JULY							AUG	SEP	OCT	NOV	
A16-17	6.0	5.7		5.7	6.0	5.7	6.0	6.3	6.3	6.0	6.7	5.7	6.1
DLFPS-340/3556	6.0	6.0		5.3	6.7	6.0	6.0	5.7	5.3	6.3	5.3	6.3	6.0
KENBLUE	5.7	5.0		5.0	6.0	5.7	6.3	6.3	6.3	6.0	6.0	5.0	6.0
BAR PP 7236V	4.3	4.3		4.7	6.7	5.7	6.0	4.7	4.7	5.3	6.0	6.3	5.7
BAR PP 7309V	5.0	6.0		5.7	6.0	5.3	6.0	5.0	5.3	6.3	6.0	5.7	5.7
DLFPS-340/3500	5.7	5.7		5.3	5.7	6.0	6.3	5.7	5.3	6.0	5.0	5.3	5.7
FINISH LINE (NAI-14-178)	6.7	5.7		5.7	7.0	6.0	6.0	4.3	3.7	6.3	6.0	6.0	5.7
ACOUSTIC (PPG-KB 1131)	8.0	7.0		7.0	5.0	5.0	5.7	5.7	5.7	6.3	5.7	5.7	5.6
BARVETTE HGT®	6.3	6.0		6.7	6.0	5.3	5.3	5.3	6.3	5.7	5.7	5.3	5.6
DLFPS-340/3444	5.7	5.7		5.3	5.7	6.0	6.3	5.3	5.3	5.3	5.3	5.3	5.6
J-2726	6.7	6.3		6.0	6.0	6.0	6.0	5.0	5.0	5.3	6.0	5.3	5.6
AFTER MIDNIGHT	6.0	6.3		5.7	6.0	5.3	6.0	5.0	4.7	6.3	5.3	5.3	5.5
BAR PP 79366	5.3	5.3		5.0	5.7	5.3	6.0	4.7	5.0	6.0	5.7	5.3	5.5
PST-11-7	6.7	6.7		5.7	6.3	6.0	6.0	5.0	5.3	5.0	5.7	5.0	5.5
SUPER MOON (PST-K13-141)	5.0	5.3		5.0	5.7	5.3	6.0	5.7	5.7	5.7	5.0	4.7	5.5
RAD 553	5.0	5.7		5.0	6.0	5.3	5.7	5.7	5.3	5.0	5.7	5.0	5.5
YELLOWSTONE (A12-7)	6.0	6.0		5.7	6.0	5.7	6.0	5.7	5.3	5.3	5.0	5.3	5.5
BAR PP 79494	7.3	7.0		6.7	5.3	5.3	6.0	5.0	4.7	6.0	5.7	5.0	5.4
DLFPS-340/3494	4.7	4.3		4.3	5.7	5.7	5.7	4.7	4.7	5.7	5.7	5.7	5.4
DLFPS-340/3549	6.7	5.3		5.7	6.0	6.0	5.3	5.0	5.7	5.3	5.0	5.0	5.4
KH3492	4.7	5.0		4.7	6.7	5.7	6.3	5.0	4.7	5.3	5.0	4.3	5.4
A11-26	5.7	5.3		5.7	5.0	5.3	6.0	6.0	5.7	5.0	4.7	5.0	5.3
BLUE DEVIL	6.3	6.3		5.7	5.3	5.3	6.0	4.7	5.3	5.7	5.3	5.0	5.3
CLOUD (GO-2425)	6.7	6.3		6.0	5.0	5.3	5.7	5.0	5.7	5.3	5.3	5.0	5.3
NURUSH (J-3510)	6.7	6.7		5.3	5.0	5.0	5.7	5.3	5.7	5.3	5.0	5.0	5.3
PST-K15-172	5.3	5.7		5.3	5.7	5.0	6.0	5.0	4.7	5.3	5.3	5.0	5.3
SYRAH (LTP-11-41)	5.0	5.0		4.7	6.0	6.0	6.0	4.3	4.3	5.0	5.0	5.3	5.3
A11-38	4.0	4.0		4.7	7.0	5.3	6.0	4.7	4.0	5.3	4.7	4.7	5.2
A16-7	5.7	5.7		5.3	5.0	5.0	5.7	5.7	5.3	5.3	5.0	4.7	5.2
PROSPERITY	7.0	6.3		6.0	4.7	5.3	5.7	5.0	5.0	5.7	5.0	5.3	5.2
SHAMROCK	5.7	5.7		5.3	5.7	5.3	5.7	5.0	4.7	5.0	5.0	5.0	5.2
A16-2	4.3	4.7		4.3	5.3	5.3	5.7	5.0	5.3	4.7	4.7	4.7	5.1
BAR PP 7K426	5.0	5.3		5.0	6.0	5.7	6.0	3.7	3.7	5.0	5.0	5.7	5.1
ORION (PST-K13-143)	5.3	5.7		5.3	4.7	5.0	5.7	5.3	5.3	4.7	5.0	5.0	5.1
PPG-KB 1320	6.0	5.7		6.0	4.3	5.3	5.3	5.3	5.3	5.3	5.0	5.0	5.1
BLUE KNIGHT	5.0	5.7		4.7	5.0	5.0	5.3	5.0	4.7	5.0	4.7	5.0	5.0
DLFPS-340/3364	5.7	5.7		6.0	4.7	5.0	5.3	5.7	5.0	5.0	5.0	4.7	5.0
DLFPS-340/3455	3.7	4.0		4.0	5.7	5.0	5.3	5.3	5.0	4.7	4.7	4.7	5.0
DLFPS-340/3551	5.0	5.0		5.0	5.3	5.7	5.3	4.7	4.7	5.0	4.7	4.7	5.0
DLFPS-340/3552	5.0	5.7		6.0	4.7	5.0	6.0	5.7	6.0	4.3	4.3	4.3	5.0
MIDNIGHT	5.3	6.3		6.3	4.7	5.0	5.3	5.0	5.0	5.3	4.7	4.7	5.0
PIVOT	4.3	4.3		4.7	5.0	5.3	5.7	5.0	4.7	5.0	5.0	4.7	5.0
RAD-1776	4.7	4.7		4.3	5.3	5.3	5.3	5.7	5.0	5.0	4.7	4.0	5.0
STARR (GO-2628)	5.0	5.0		4.7	5.3	5.7	5.7	4.0	3.7	5.0	5.0	5.3	5.0
J-1138	6.0	6.0		5.3	5.3	5.3	6.0	3.3	3.3	5.3	5.3	5.3	4.9
NEW MOON (PST-K15-177)	6.0	6.0		5.7	5.3	4.3	5.3	5.0	5.0	5.0	4.7	4.7	4.9
BLUE GEM (NAI-13-9)	5.0	5.3		5.3	5.3	5.0	5.7	4.0	4.0	5.0	5.0	4.7	4.8
BOMBAY (GO-22B23)	6.7	5.3		5.3	5.3	5.3	6.3	3.3	3.0	4.7	5.0	5.0	4.8
TWILIGHT (NAI-13-132)	7.0	6.7		5.7	5.3	5.3	6.0	3.3	2.7	5.3	5.3	5.0	4.8
UNITED (NAI-13-14)	5.0	6.7		5.0	5.3	5.0	6.0	3.7	3.0	5.3	5.0	5.0	4.8

TABLE 9.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2022 DATA

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

NAME	WEAR TOLERANCE		OCTOBER	APR	MAY	JUN	JUL	QUALITY RATINGS			OCT	NOV	MEAN
	MAY	JULY						AUG	SEP				
A15-6	4.3	4.3	4.3	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.3	4.7	
ELECTRIC (PST-K11-118)	4.0	4.3	4.7	5.7	5.0	5.0	4.3	3.7	4.3	4.7	4.7	4.7	
JERSEY (NAI-A16-3)	4.0	5.0	5.0	6.3	5.7	6.0	3.0	2.3	4.7	4.7	5.0	4.7	
NAI-15-80	5.0	5.0	5.0	4.3	5.0	5.0	4.7	4.7	5.0	4.7	4.0	4.7	
PPG-KB 1304	6.7	5.0	5.0	5.0	4.7	5.0	4.7	4.7	5.0	4.3	4.3	4.7	
SELWAY	4.7	5.0	5.0	5.0	4.0	4.7	5.3	5.0	4.3	5.0	4.3	4.7	
SKYE	4.3	6.0	5.7	5.3	5.3	5.3	4.0	4.0	4.7	4.3	4.7	4.7	
A11-40	4.7	4.3	4.3	5.0	4.7	6.0	3.7	3.7	4.7	4.7	4.7	4.6	
A16-1	4.0	4.7	4.7	5.3	5.0	5.0	4.3	4.7	4.3	4.0	4.3	4.6	
DLFPS-340/3438	4.0	4.3	4.3	4.3	4.0	5.3	5.3	5.0	4.7	4.3	4.0	4.6	
DLFPS-340/3550	4.0	4.3	4.3	4.0	4.3	5.7	5.3	4.7	4.3	4.3	4.3	4.6	
A06-8	4.3	5.0	4.3	4.0	4.3	5.0	4.3	4.7	4.7	5.0	4.3	4.5	
A13-1	5.7	5.0	5.3	4.3	4.3	4.7	4.7	4.7	4.7	4.3	4.0	4.5	
BABE	5.0	5.0	4.7	5.0	4.3	5.7	3.7	3.3	4.7	4.7	4.7	4.5	
BAR PP 71213	6.0	6.0	5.3	5.0	5.0	5.7	3.3	2.3	5.0	5.0	5.0	4.5	
DLFPS-340/3548	5.0	5.0	5.3	4.3	4.3	5.0	4.3	4.7	4.3	4.3	4.3	4.5	
DLFPS-340/3553	5.0	5.7	5.7	4.3	4.7	5.0	4.0	4.3	4.7	4.7	4.7	4.5	
HEARTLAND (NAI-14-187)	5.3	5.7	5.7	3.3	4.3	5.0	4.7	4.3	5.0	4.7	4.3	4.5	
J-1319	5.3	6.0	5.7	4.0	4.3	4.7	4.7	4.3	4.7	4.7	4.3	4.5	
PALOMA (PST-K13-139)	5.0	5.0	4.3	4.3	4.0	4.3	5.0	5.0	4.7	4.3	4.3	4.5	
PST-T14-39	5.7	6.0	6.7	4.3	4.0	5.0	4.7	4.7	4.3	4.3	4.3	4.5	
A12-34	5.3	6.0	5.0	4.0	4.3	5.0	4.3	4.7	4.3	4.3	4.3	4.4	
BARSERATI (BAR PP 110358)	4.7	5.0	5.0	4.7	3.7	4.3	4.7	5.0	4.3	4.3	4.0	4.4	
NAI-14-128	4.3	5.0	5.0	4.0	4.3	4.7	4.7	4.3	4.7	4.3	4.3	4.4	
NK-1	4.3	5.0	4.3	3.7	3.7	5.0	5.0	5.0	4.3	4.0	4.3	4.4	
AKB3128	4.7	4.7	4.7	4.0	4.3	4.7	4.7	4.7	4.0	4.0	4.3	4.3	
AVIATOR II (NAI-15-84)	4.3	4.3	4.7	3.3	4.0	5.3	4.3	4.0	4.3	4.3	4.3	4.3	
BLUE MAGIC (A99-2897)	5.0	4.3	4.3	3.7	4.3	5.3	4.0	3.7	4.7	4.7	4.3	4.3	
DLFPS-340/3446	4.0	4.0	4.0	3.7	4.0	4.3	5.0	4.7	4.3	4.0	4.0	4.3	
DUBLIN (PST-K15-157)	4.7	4.7	4.7	4.0	4.0	4.7	4.7	4.3	4.3	4.3	4.3	4.3	
MVS-130	5.0	4.3	5.0	4.0	4.3	4.7	4.7	4.3	4.3	4.3	4.0	4.3	
A10-280	5.0	5.0	5.0	3.7	5.0	4.3	4.0	3.3	4.7	4.7	4.0	4.2	
AKB3179	4.0	4.7	4.3	4.0	3.3	5.0	5.0	5.0	3.7	4.0	3.7	4.2	
NAI-14-122	4.7	5.0	5.0	3.3	4.0	4.0	5.0	4.7	4.3	4.3	4.0	4.2	
PST-K15-167	5.3	6.0	5.0	4.0	3.7	4.7	4.7	4.7	3.7	4.0	4.0	4.2	
AKB3241	4.0	4.7	4.3	4.0	4.3	4.3	3.7	4.0	4.3	4.3	4.0	4.1	
AMAZE (NAI-14-133)	4.7	5.0	4.7	3.3	4.0	4.3	4.7	4.7	3.7	4.0	4.0	4.1	
NAI-14-132	4.3	5.0	4.3	3.7	4.0	4.0	4.3	4.7	4.0	4.0	3.7	4.0	
COMANCHE (NAI-14-176)	4.3	4.7	4.7	3.3	3.3	4.0	4.3	4.0	4.0	4.0	4.0	3.9	
LSD VALUE	0.8	0.9	0.9	0.9	0.8	0.7	1.1	1.2	0.8	0.7	0.9	0.5	
C.V. (%)	10.3	11.1	10.6	11.7	10.3	8.3	13.7	16.0	10.2	9.2	11.3	6.1	

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

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

TABLE 10A.

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 10A.
(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
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 10B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
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 10B. 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
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 10C.

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/							
	ANNUAL BLUEGRASS		UNIFORMITY		PERCENT GROUND COVER		FULLNESS OF CANOPY	
	PERCENT COVER		OCTOBER 5		OCTOBER 7		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 10C.
(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
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 11.

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

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

NAME	GENETIC COLOR	SPRING GREENUP	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	APR	MAY	JUN	QUALITY RATINGS			OCT	NOV	MEAN
									JUL	AUG	SEP			
DLFPS-340/3494	7.0	7.0	3.3	4.3	4.3	4.3	5.0	5.0	4.7	4.7	4.7	5.0	4.3	4.7
A16-17	4.7	4.7	4.3	3.7	4.7	3.3	5.0	3.7	4.3	5.3	4.3	4.3	3.7	4.3
BAR PP 7309V	4.7	4.7	4.7	2.0	4.7	3.3	5.0	3.7	3.7	4.7	4.3	5.0	5.0	4.3
BLUE GEM (NAI-13-9)	5.7	5.7	3.3	2.0	3.3	4.3	4.7	4.0	4.0	4.3	4.0	4.3	4.3	4.3
JERSEY (NAI-A16-3)	6.0	6.0	3.7	1.3	3.3	4.7	4.7	4.0	3.7	4.7	4.7	4.0	4.0	4.3
DLFPS-340/3551	4.3	4.3	2.7	1.7	2.0	4.0	4.3	4.0	3.7	5.0	4.0	4.0	4.7	4.2
YELLOWSTONE (A12-7)	5.0	5.0	2.7	2.3	4.7	3.3	4.3	3.3	4.0	4.7	4.7	4.7	4.3	4.2
DLFPS-340/3455	5.7	5.7	4.0	3.3	3.7	3.7	4.7	3.7	4.7	4.7	3.7	4.3	3.7	4.1
AKB3179	4.7	4.7	3.0	2.0	2.0	4.0	4.0	3.7	4.0	5.0	4.3	3.7	3.7	4.0
BAR PP 7K426	4.3	4.3	3.7	3.3	2.7	3.3	4.0	3.7	3.7	4.3	4.3	3.7	4.7	4.0
PST-11-7	5.3	5.3	2.0	1.0	2.3	4.0	4.3	4.0	3.7	4.7	3.7	4.7	3.3	4.0
SELWAY	5.3	5.3	3.0	2.7	3.7	3.7	4.0	4.0	3.7	4.3	4.0	4.0	4.3	4.0
STARR (GO-2628)	5.3	5.3	4.7	2.3	4.7	4.0	4.3	3.7	4.3	4.3	4.0	4.0	3.7	4.0
A11-38	5.0	5.0	4.7	1.7	2.0	4.0	3.3	3.7	3.7	4.3	3.7	4.0	4.3	3.9
A12-34	5.0	5.0	3.7	2.7	2.3	3.3	4.0	4.0	3.7	4.0	4.0	4.3	3.7	3.9
DLFPS-340/3446	5.7	5.7	4.7	2.0	2.7	3.3	4.0	3.7	4.0	4.0	4.0	4.0	4.0	3.9
PALOMA (PST-K13-139)	6.3	6.3	3.3	2.3	2.0	3.7	4.7	3.3	3.7	4.0	4.0	3.7	4.0	3.9
UNITED (NAI-13-14)	4.7	4.7	3.3	2.7	2.7	3.3	4.0	3.7	4.3	4.3	3.7	4.0	3.7	3.9
A06-8	4.7	4.7	4.0	2.7	2.7	3.3	4.0	3.3	3.7	3.3	4.7	3.7	4.3	3.8
AKB3241	3.7	3.7	2.0	2.3	3.0	3.3	4.0	3.7	3.7	4.3	3.7	4.3	3.0	3.8
BAR PP 7236V	4.3	4.3	3.0	2.0	1.7	3.3	4.0	3.7	3.7	4.0	3.3	3.7	4.3	3.8
BAR PP 79494	5.7	5.7	3.0	2.3	2.7	4.0	4.0	3.3	3.7	4.7	3.3	3.7	3.7	3.8
PIVOT	5.0	5.0	3.3	1.7	2.0	4.0	3.7	3.7	3.3	5.0	3.3	3.7	3.7	3.8
PPG-KB 1320	5.3	5.3	3.0	1.3	1.7	4.0	4.0	3.3	3.7	4.0	3.7	4.0	3.3	3.8
AKB3128	3.7	3.7	2.7	1.7	3.0	3.0	3.7	4.0	3.3	4.0	4.0	4.0	3.3	3.7
KH3492	3.7	3.7	3.0	2.0	3.0	3.3	4.0	3.7	3.7	4.0	3.3	4.0	3.3	3.7
SUPER MOON (PST-K13-141)	4.7	4.7	2.7	2.3	2.0	3.7	3.7	3.7	3.3	4.3	3.3	4.0	3.7	3.7
TWILIGHT (NAI-13-132)	4.3	4.3	3.7	2.3	2.3	3.3	3.7	3.0	3.7	4.7	3.7	3.7	3.7	3.7
A10-280	4.7	4.7	4.0	1.7	3.0	3.0	3.7	3.7	4.0	4.0	3.7	3.7	3.3	3.6
A16-2	3.3	3.3	2.7	2.3	2.3	2.7	3.7	4.0	4.0	3.7	3.3	4.0	3.3	3.6
DLFPS-340/3556	5.3	5.3	3.7	2.0	3.7	3.7	3.7	3.7	3.3	4.0	3.0	4.0	3.7	3.6
NAI-14-122	6.0	6.0	2.7	1.0	1.7	4.0	3.7	3.0	3.7	4.3	3.0	4.0	3.3	3.6
A13-1	4.3	4.3	3.0	2.0	3.7	3.7	3.3	3.0	3.3	3.7	4.0	3.3	3.3	3.5
AFTER MIDNIGHT	4.7	4.7	2.7	2.0	2.0	3.0	3.7	3.3	3.0	4.0	3.3	4.0	3.3	3.5
J-2726	4.7	4.7	5.7	1.3	3.3	3.7	3.7	2.7	3.3	3.7	3.3	4.0	4.0	3.5
NAI-14-128	5.0	5.0	3.7	1.7	1.3	3.0	3.7	3.7	3.3	3.7	3.3	4.0	3.3	3.5
NK-1	5.3	5.3	2.3	1.7	2.3	3.3	3.7	3.0	3.7	4.0	3.3	3.3	3.3	3.5
NURUSH (J-3510)	4.3	4.3	1.7	1.3	2.3	3.3	4.0	3.0	3.3	3.7	3.7	3.7	3.7	3.5
A16-1	5.3	5.3	2.7	1.0	1.7	3.3	3.7	3.0	3.3	3.7	3.0	3.7	3.7	3.4
BOMBAY (GO-22B23)	6.3	6.3	3.3	2.0	3.7	3.3	4.0	3.3	3.3	3.7	3.3	3.3	3.0	3.4
DLFPS-340/3438	4.7	4.7	2.7	2.0	3.3	3.7	3.7	3.0	3.0	3.3	3.3	3.3	3.7	3.4
PPG-KB 1304	4.7	4.7	3.0	2.3	1.3	3.3	3.3	3.3	3.3	3.7	3.7	3.0	3.3	3.4
PROSPERITY	5.3	5.3	2.7	2.3	1.0	3.7	3.3	3.0	3.3	4.0	3.3	3.3	3.3	3.4
PST-K15-172	4.3	4.3	2.7	1.3	2.7	3.0	3.3	2.7	3.0	4.0	4.0	4.0	3.3	3.4
RAD 553	4.7	4.7	2.7	2.0	2.0	3.3	3.7	3.3	3.0	3.7	3.3	3.3	3.3	3.4
A11-26	4.7	4.7	1.3	2.3	1.3	3.0	3.3	3.0	4.0	3.7	3.3	3.3	3.0	3.3
AMAZE (NAI-14-133)	4.7	4.7	2.3	1.7	1.0	3.7	3.3	3.3	3.7	3.3	3.0	3.0	3.0	3.3
AVIATOR II (NAI-15-84)	5.3	5.3	1.7	2.0	1.3	3.3	3.3	3.3	3.3	4.0	3.0	3.0	3.3	3.3
BARVETTE HGT®	5.3	5.3	3.3	2.3	2.7	3.3	3.3	3.0	3.0	3.7	3.3	4.0	3.0	3.3
BLUE MAGIC (A99-2897)	3.3	3.3	4.0	2.7	3.7	3.0	3.0	3.3	3.7	4.0	3.0	3.3	2.7	3.3

TABLE 11.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2022 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/														
NAME	GENETIC COLOR	SPRING GREENUP	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
DLFPS-340/3364	3.3	3.3	2.7	2.0	1.3	3.3	3.3	3.3	3.0	3.7	3.7	3.0	2.7	3.3
DLFPS-340/3500	4.0	4.0	3.3	1.7	3.0	3.3	3.7	3.0	3.0	3.3	3.0	3.3	3.3	3.3
DLFPS-340/3548	3.0	3.0	2.0	1.3	1.3	3.0	3.3	3.0	3.0	3.7	3.3	3.7	3.0	3.3
DLFPS-340/3549	5.0	5.0	3.3	1.7	1.7	3.0	3.7	3.3	3.0	3.3	3.3	3.3	3.3	3.3
DLFPS-340/3550	6.0	6.0	1.7	2.0	1.7	3.3	3.3	2.7	3.3	3.7	3.0	4.0	3.0	3.3
DLFPS-340/3552	6.7	6.7	3.0	2.3	3.0	3.7	3.3	3.0	3.0	3.3	3.3	3.3	3.7	3.3
DUBLIN (PST-K15-157)	4.0	4.0	3.7	1.7	1.0	3.0	3.0	3.3	3.3	3.7	3.3	3.0	3.3	3.3
J-1319	5.3	5.3	3.3	1.7	2.3	3.3	3.7	3.0	3.3	3.7	3.3	3.3	3.0	3.3
MIDNIGHT	6.3	6.3	1.7	1.3	1.0	3.7	3.7	3.0	3.7	3.3	3.3	3.0	3.0	3.3
ORION (PST-K13-143)	7.7	7.7	2.0	1.3	2.3	3.7	3.7	2.7	3.3	3.3	3.3	3.0	3.3	3.3
PST-T14-39	5.3	5.3	3.3	1.3	1.7	3.7	3.3	2.7	3.0	4.0	3.3	3.3	3.0	3.3
SHAMROCK	5.3	5.3	1.7	2.0	1.7	3.3	3.0	3.3	3.3	4.0	3.3	3.3	2.7	3.3
SKYE	5.7	5.7	2.7	1.0	1.3	3.3	3.7	3.0	3.3	3.7	3.3	3.0	2.7	3.3
A15-6	5.3	5.3	2.7	1.7	2.7	3.3	3.3	3.3	3.0	3.3	3.0	3.3	3.0	3.2
ACOUSTIC (PPG-KB 1131)	3.3	3.3	1.7	2.3	2.0	3.0	3.7	3.3	3.0	3.3	3.3	3.0	2.7	3.2
BABE	4.7	4.7	2.7	1.3	2.7	3.7	3.0	2.7	3.3	3.7	3.3	3.0	3.0	3.2
BAR PP 71213	3.7	3.7	2.7	2.3	2.0	2.7	3.3	2.7	3.0	3.3	3.3	4.0	3.3	3.2
BAR PP 79366	4.0	4.0	2.7	1.7	2.0	3.0	3.3	3.3	3.3	3.3	3.0	3.0	3.3	3.2
BLUE DEVIL	4.3	4.3	2.3	1.7	2.0	2.7	3.0	3.3	3.7	3.7	3.0	3.7	2.7	3.2
BLUE KNIGHT	3.0	3.0	2.0	1.7	1.3	3.0	3.0	3.3	3.3	3.0	3.7	3.3	2.7	3.2
DLFPS-340/3444	3.0	3.0	2.3	2.7	1.3	3.0	3.0	3.0	3.3	3.3	3.0	3.0	3.7	3.2
ELECTRIC (PST-K11-118)	6.0	6.0	1.3	2.3	1.7	4.0	3.3	2.7	3.3	3.0	2.7	3.3	3.3	3.2
HEARTLAND (NAI-14-187)	4.7	4.7	3.0	1.7	1.7	3.3	3.0	3.0	3.7	3.3	3.0	3.0	3.3	3.2
NAI-14-132	5.0	5.0	3.0	2.0	2.0	2.7	3.3	3.0	3.0	3.3	3.3	3.3	3.3	3.2
NEW MOON (PST-K15-177)	5.0	5.0	2.3	1.7	1.7	3.7	3.3	3.0	3.7	3.3	3.0	3.0	2.7	3.2
PST-K15-167	4.0	4.0	1.3	3.0	1.3	3.0	3.7	3.3	3.0	3.3	3.3	3.0	3.0	3.2
A11-40	3.7	3.7	3.0	2.0	2.0	3.3	3.3	2.7	3.7	3.0	3.3	2.7	2.7	3.1
A16-7	4.3	4.3	2.3	2.3	1.7	3.0	3.7	3.0	3.0	3.3	3.0	3.0	3.0	3.1
BARSERATI (BAR PP 110358)	5.0	5.0	2.0	1.7	1.3	3.0	3.0	3.0	3.7	3.7	2.7	3.0	3.0	3.1
FINISH LINE (NAI-14-178)	4.0	4.0	1.3	1.7	2.7	3.0	3.3	2.3	3.0	3.7	3.0	3.0	3.3	3.1
J-1138	4.3	4.3	3.7	2.0	2.3	3.3	2.7	3.0	3.0	3.0	3.3	3.3	3.0	3.1
NAI-15-80	3.3	3.3	2.3	1.7	3.0	3.0	3.3	3.0	3.7	3.3	3.3	2.7	2.7	3.1
SYRAH (LTP-11-41)	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.3	3.0	3.7	3.0	2.7	3.0	3.1
CLOUD (GO-2425)	4.0	4.0	3.3	1.7	1.7	3.0	3.3	3.0	3.0	3.3	3.0	2.7	3.0	3.0
COMANCHE (NAI-14-176)	5.7	5.7	3.0	1.3	1.3	3.0	3.3	3.0	3.3	3.3	2.3	3.0	3.0	3.0
DLFPS-340/3553	4.7	4.7	2.0	1.7	1.7	3.0	3.3	2.7	3.0	3.0	3.0	3.0	3.0	3.0
KENBLUE	3.7	3.7	2.0	2.3	2.0	3.3	3.0	3.0	3.3	3.3	2.7	2.7	2.7	3.0
MVS-130	4.7	4.7	4.0	2.3	2.7	3.3	3.7	2.7	3.7	3.0	2.7	2.7	2.3	3.0
RAD-1776	5.0	5.0	5.0	3.0	2.3	3.7	3.3	2.7	3.0	3.3	3.0	3.0	2.3	3.0
LSD VALUE	4.5	4.5	6.5	5.3	6.1	2.4	2.2	2.4	2.1	2.6	1.8	2.1	2.1	1.4
C.V.(%)	30.1	30.1	52.7	54.4	65.7	19.3	20.5	21.6	18.0	21.5	20.1	22.1	23.3	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 11.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT AMES, IA 1/
2022 DATA

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

NAME	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	NAME	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER
DLFPS-340/3494	6.3	6.3	6.7	AMAZE (NAI-14-133)	5.0	3.7	3.3
A16-17	5.3	6.7	5.7	AVIATOR II (NAI-15-84)	4.0	3.3	3.3
BAR PP 7309V	6.0	7.7	7.0	BARVETTE HGT®	6.0	7.7	5.3
BLUE GEM (NAI-13-9)	5.0	5.7	5.7	BLUE MAGIC (A99-2897)	5.7	6.0	4.3
JERSEY (NAI-A16-3)	5.7	7.3	6.7	DLFPS-340/3364	6.0	4.7	4.0
DLFPS-340/3551	6.3	5.0	4.7	DLFPS-340/3500	4.7	4.0	4.0
YELLOWSTONE (A12-7)	6.0	6.7	6.7	DLFPS-340/3548	6.0	5.0	4.0
DLFPS-340/3455	5.3	5.7	5.3	DLFPS-340/3549	5.0	5.3	5.0
AKB3179	5.3	5.0	4.7	DLFPS-340/3550	4.7	5.3	4.0
BAR PP 7K426	5.3	6.3	6.3	DLFPS-340/3552	5.0	5.3	5.0
PST-11-7	5.7	5.7	4.7	DUBLIN (PST-K15-157)	4.7	4.3	3.0
SELWAY	5.3	6.7	5.7	J-1319	6.3	6.0	4.3
STARR (GO-2628)	5.7	7.0	6.0	MIDNIGHT	4.0	4.0	4.7
A11-38	5.3	5.3	6.0	ORION (PST-K13-143)	5.7	5.0	4.3
A12-34	5.7	6.7	5.3	PST-T14-39	6.0	3.3	5.0
DLFPS-340/3446	5.7	6.0	5.0	SHAMROCK	4.3	3.3	3.3
PALOMA (PST-K13-139)	5.3	6.0	6.3	SKYE	5.3	3.0	3.0
UNITED (NAI-13-14)	5.7	5.7	5.3	A15-6	4.0	4.3	3.3
A06-8	6.0	6.0	6.7	ACOUSTIC (PPG-KB 1131)	5.0	5.3	3.7
AKB3241	4.7	5.0	5.0	BABE	5.3	4.7	3.7
BAR PP 7236V	4.7	5.0	6.0	BAR PP 71213	4.7	4.7	3.0
BAR PP 79494	5.7	4.3	4.7	BAR PP 79366	4.0	5.0	4.0
PIVOT	5.0	5.0	5.0	BLUE DEVIL	5.0	4.7	2.7
PPG-KB 1320	5.3	5.7	5.0	BLUE KNIGHT	5.7	3.3	2.7
AKB3128	5.0	4.0	3.7	DLFPS-340/3444	5.3	5.0	5.0
KH3492	4.3	4.7	4.7	ELECTRIC (PST-K11-118)	3.7	4.0	2.3
SUPER MOON (PST-K13-141)	4.7	4.0	4.7	HEARTLAND (NAI-14-187)	5.3	4.7	3.7
TWILIGHT (NAI-13-132)	4.3	5.0	5.0	NAI-14-132	5.0	4.7	3.7
A10-280	5.7	5.3	5.0	NEW MOON (PST-K15-177)	5.3	4.7	5.3
A16-2	5.3	5.0	4.7	PST-K15-167	4.3	4.3	4.3
DLFPS-340/3556	4.7	5.0	5.3	A11-40	4.0	3.3	3.7
NAI-14-122	3.7	6.0	4.0	A16-7	4.0	4.7	3.0
A13-1	6.0	5.7	4.0	BARSERATI (BAR PP 110358)	3.7	4.7	3.0
AFTER MIDNIGHT	5.7	5.7	5.0	FINISH LINE (NAI-14-178)	4.7	3.7	3.0
J-2726	5.0	5.7	5.7	J-1138	5.0	6.3	4.0
NAI-14-128	5.0	6.0	4.7	NAI-15-80	6.0	3.3	3.3
NK-1	5.3	4.7	4.7	SYRAH (LTP-11-41)	4.7	4.3	4.0
NURUSH (J-3510)	5.7	5.3	5.7	CLOUD (GO-2425)	5.3	4.7	4.3
A16-1	5.0	4.3	6.0	COMANCHE (NAI-14-176)	3.7	2.7	3.7
BOMBAY (GO-22B23)	5.0	4.7	3.7	DLFPS-340/3553	4.3	3.3	4.3
DLFPS-340/3438	5.3	5.3	5.0	KENBLUE	4.3	4.3	4.3
PPG-KB 1304	5.7	5.0	3.7	MVS-130	4.7	5.0	3.3
PROSPERITY	4.3	4.7	3.3	RAD-1776	4.7	4.7	3.3
PST-K15-172	5.7	7.3	5.7				
RAD 553	5.3	5.3	5.7	LSD VALUE	5.3	8.2	6.2
A11-26	4.3	4.0	3.0	C.V. (%)	23.5	37.3	38.7

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 12.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

NAME	CT1	IA1	IN1	MI1	MN1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	MEAN
BLUE GEM (NAI-13-9)	6.7	7.7	7.3	7.3	6.3	7.0	7.0	7.3	8.0	6.7	6.3	8.0	7.1
J-1138	6.0	8.7	7.0	6.7	6.7	7.3	6.0	7.7	8.3	6.7	7.0	7.7	7.1
AFTER MIDNIGHT	7.0	8.0	6.0	6.3	7.0	8.0	6.0	7.3	8.0	6.7	6.3	8.3	7.1
BLUE MAGIC (A99-2897)	6.0	7.3	7.3	7.0	6.3	7.7	6.0	7.0	7.3	7.3	7.7	7.0	7.0
MIDNIGHT	6.0	8.3	6.3	6.7	6.7	7.0	6.0	7.7	8.3	7.0	6.0	8.0	7.0
TWILIGHT (NAI-13-132)	6.3	8.0	7.0	7.0	6.3	6.7	7.0	7.0	8.0	5.7	7.3	7.7	7.0
NURUSH (J-3510)	6.3	7.7	7.3	7.0	5.3	7.0	6.0	7.3	8.7	6.7	7.0	7.3	7.0
UNITED (NAI-13-14)	6.7	7.0	6.7	7.7	6.7	7.3	6.0	7.3	8.0	6.0	6.7	7.3	6.9
NAI-14-122	6.7	7.0	7.0	7.0	7.3	7.3	6.0	7.0	6.3	7.0	6.3	8.0	6.9
MVS-130	6.7	7.0	6.7	7.3	7.7	7.0	6.0	7.7	4.7	7.0	6.7	7.7	6.8
BAR PP 79494	6.3	7.7	6.0	6.7	5.7	7.3	6.0	7.3	8.0	6.0	6.3	8.3	6.8
NAI-14-132	6.3	7.0	7.0	7.3	8.0	6.7	5.0	7.0	5.3	7.0	6.3	8.3	6.8
ACOUSTIC (PPG-KB 1131)	6.3	7.3	6.7	6.7	6.3	7.3	6.0	7.3	7.7	5.7	5.7	7.3	6.7
BLUE DEVIL	6.3	7.7	5.7	7.0	6.0	7.0	5.0	7.3	8.0	6.3	7.0	7.0	6.7
DUBLIN (PST-K15-157)	6.3	7.7	7.7	6.7	5.0	6.3	6.0	7.7	7.0	7.0	6.7	6.3	6.7
NAI-14-128	6.7	7.7	6.7	6.3	7.0	6.7	5.0	7.0	6.0	7.0	6.0	8.3	6.7
A12-34	6.7	7.7	6.7	6.7	6.3	6.7	6.0	6.7	5.7	8.0	6.0	7.0	6.7
A13-1	6.0	7.0	7.0	7.7	4.7	6.0	6.0	7.0	8.0	6.7	7.7	6.3	6.7
PPG-KB 1304	6.3	7.0	6.7	7.7	6.3	6.7	6.0	7.3	7.0	7.7	5.0	6.3	6.7
COMANCHE (NAI-14-176)	6.3	7.0	6.7	6.0	7.0	7.3	6.0	7.0	6.0	6.7	6.3	7.3	6.6
HEARTLAND (NAI-14-187)	7.0	7.3	7.0	6.7	6.3	7.7	5.0	7.0	5.3	6.7	6.3	7.3	6.6
PROSPERITY	6.3	7.3	6.7	8.0	7.0	6.3	5.0	7.0	6.0	5.7	6.3	8.0	6.6
DLFPS-340/3550	6.3	7.0	7.0	6.7	5.0	6.7	5.0	6.7	8.0	7.0	6.7	7.0	6.6
AMAZE (NAI-14-133)	6.3	7.7	6.3	6.0	7.0	7.3	6.0	7.0	6.3	5.7	5.3	7.7	6.6
BLUE KNIGHT	6.7	7.0	6.0	6.0	5.7	7.0	5.0	7.3	7.0	7.3	6.7	6.3	6.5
NEW MOON (PST-K15-177)	6.7	7.3	6.7	5.7	6.3	7.0	5.0	7.3	5.7	7.0	6.0	7.3	6.5
PPG-KB 1320	6.3	8.3	6.0	6.0	6.7	6.0	6.0	7.3	6.3	6.7	4.3	8.0	6.5
A16-7	7.0	7.0	5.3	6.7	5.7	7.0	5.0	7.0	6.7	7.0	8.0	5.3	6.5
AKB3128	7.0	6.7	6.3	6.3	4.7	7.0	7.0	7.0	7.3	7.7	6.7	4.0	6.5
BOMBAY (GO-22B23)	6.7	6.7	6.7	7.0	5.7	6.3	6.0	6.7	6.0	7.3	7.0	5.7	6.5
J-1319	6.0	7.3	6.0	6.0	7.0	7.7	4.0	7.7	7.0	5.7	5.3	8.0	6.5
DLFPS-340/3556	7.0	7.3	6.3	7.0	5.3	7.3	5.0	6.3	5.7	7.0	6.0	7.0	6.4
AKB3241	7.3	6.3	6.3	6.3	4.7	6.0	6.0	7.7	7.0	7.0	7.3	5.3	6.4
DLFPS-340/3548	7.0	7.3	5.7	6.7	6.0	6.3	6.0	7.3	6.7	6.7	5.7	5.7	6.4
DLFPS-340/3553	7.0	7.7	5.7	7.0	6.0	6.3	6.0	5.7	7.7	6.0	7.0	5.0	6.4
A11-26	6.7	6.3	7.0	6.0	6.0	6.0	5.0	7.0	6.7	7.3	7.0	5.7	6.4
A15-6	6.3	7.0	7.0	6.3	5.3	6.7	5.0	6.7	7.7	7.3	5.7	5.7	6.4
STARR (GO-2628)	6.7	7.0	6.0	6.3	5.3	6.3	6.0	6.7	6.7	7.3	6.7	5.7	6.4
A06-8	5.7	7.0	6.7	6.7	5.7	6.3	6.0	6.7	6.3	6.7	6.7	6.0	6.4
CLOUD (GO-2425)	6.3	7.7	6.5	6.3	5.7	6.7	6.0	6.3	6.3	6.3	6.0	5.7	6.3
DLFPS-340/3364	6.3	6.3	6.0	6.0	5.7	7.3	6.0	6.3	6.3	6.7	6.0	6.7	6.3
PIVOT	6.7	6.7	6.3	6.3	6.0	7.0	6.0	7.3	5.0	6.0	7.3	5.0	6.3
SKYE	6.7	6.3	6.0	7.0	6.0	6.3	6.0	6.3	6.7	7.0	6.3	5.0	6.3
DLFPS-340/3552	7.0	7.0	6.3	6.3	4.7	6.7	5.0	5.3	7.3	7.0	7.0	5.7	6.3
DLFPS-340/3500	7.0	7.0	6.5	7.3	5.3	5.7	6.0	6.3	4.7	6.7	6.0	6.7	6.3
AVIATOR II (NAI-15-84)	6.0	7.0	5.7	7.0	6.0	6.3	6.0	7.0	5.3	6.0	5.7	7.0	6.3
PST-K15-172	6.0	8.0	6.0	7.0	5.7	6.7	5.0	6.7	6.7	6.7	6.0	4.7	6.3

TABLE 12.
(CONT'D)GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/												
NAME	CT1	IA1	IN1	MI1	MN1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	MEAN
A10-280	6.0	6.7	6.3	6.3	5.7	7.3	6.0	6.3	5.7	6.0	6.0	6.3	6.2
DLFPS-340/3446	6.7	7.3	7.0	5.7	5.3	6.7	5.0	6.3	6.7	6.3	6.0	5.7	6.2
NAI-15-80	6.7	7.3	5.7	6.0	5.3	6.0	7.0	6.7	6.7	6.3	5.7	5.3	6.2
J-2726	7.7	7.0	6.5	6.7	6.0	7.0	4.0	7.3	5.7	5.3	4.0	7.3	6.2
SUPER MOON (PST-K13-141)	6.7	7.0	5.7	6.3	4.3	6.3	6.0	6.0	7.0	6.3	7.0	5.7	6.2
DLFPS-340/3494	6.3	7.3	5.7	6.0	5.0	7.3	6.0	7.3	6.0	7.0	5.3	5.0	6.2
PST-T14-39	6.7	7.3	5.7	6.0	6.0	6.7	6.0	7.3	6.0	5.7	5.7	5.0	6.2
AKB3179	7.0	6.3	6.0	6.0	5.3	6.3	6.0	6.0	6.3	7.0	4.7	6.7	6.1
ORION (PST-K13-143)	6.0	6.7	5.7	6.7	6.0	6.0	6.0	6.3	6.0	7.0	6.0	5.3	6.1
SYRAH (LTP-11-41)	6.0	7.0	6.0	6.7	4.0	6.7	5.0	7.0	6.3	7.3	6.0	5.7	6.1
DLFPS-340/3438	6.3	6.3	6.3	6.7	4.3	6.0	6.0	6.0	6.0	7.7	6.0	6.0	6.1
BAR PP 79366	6.3	6.7	6.3	7.7	4.7	6.3	5.0	6.3	4.3	6.3	7.3	6.0	6.1
PST-11-7	6.7	6.7	6.0	6.0	4.7	7.3	6.0	6.7	5.3	6.3	5.7	6.0	6.1
NK-1	6.0	6.7	6.3	6.7	4.0	6.7	6.0	5.7	7.0	7.3	5.0	5.7	6.1
KH3492	7.0	6.3	5.7	6.7	5.0	5.7	7.0	6.7	6.0	7.0	6.0	4.0	6.1
PST-K15-167	6.0	7.3	5.3	6.3	5.0	6.3	6.0	7.0	6.3	6.3	5.7	5.3	6.1
DLFPS-340/3551	6.3	7.0	6.3	6.7	5.0	6.7	4.0	6.7	7.0	7.0	5.0	5.3	6.1
A16-2	6.7	6.7	6.3	6.3	5.0	5.3	6.0	5.3	6.3	6.7	7.0	4.7	6.0
A16-1	6.7	7.0	5.3	6.0	5.0	6.3	6.0	6.7	7.0	6.3	6.0	3.7	6.0
FINISH LINE (NAI-14-178)	6.3	7.0	6.0	6.3	5.3	6.3	6.0	6.3	6.3	7.0	5.0	4.0	6.0
BAR PP 7309V	6.7	6.7	6.3	6.0	4.3	5.3	7.0	6.0	7.7	5.7	6.3	3.3	5.9
BARVETTE HGT®	6.7	6.0	5.0	6.3	5.3	5.3	7.0	7.0	5.7	6.0	7.3	3.3	5.9
PALOMA (PST-K13-139)	6.0	7.0	6.0	6.0	5.7	6.3	6.0	5.7	4.7	6.7	6.7	4.3	5.9
BABE	6.7	6.7	5.7	6.3	5.0	5.7	6.0	6.0	7.7	6.0	5.0	4.0	5.9
BARSERATI (BAR PP 110358)	7.0	6.0	6.0	6.0	5.0	5.7	6.0	6.7	6.7	5.7	6.3	3.7	5.9
A11-40	6.3	6.7	5.3	6.3	5.0	6.0	7.0	6.3	7.0	5.3	6.3	2.7	5.9
RAD-1776	6.7	6.3	5.0	6.0	5.0	6.3	6.0	6.7	5.7	6.3	6.0	4.3	5.9
YELLOWSTONE (A12-7)	7.0	6.7	6.3	6.7	5.3	6.3	6.0	7.0	4.0	5.7	5.0	4.3	5.9
BAR PP 7K426	6.3	6.7	5.7	6.0	4.7	5.7	7.0	6.3	6.0	6.3	6.3	3.0	5.8
JERSEY (NAI-A16-3)	6.0	7.0	5.3	6.3	5.3	6.3	6.0	6.3	6.3	6.0	5.0	4.0	5.8
BAR PP 7236V	6.3	6.3	5.3	7.0	4.7	5.3	7.0	6.0	7.0	6.0	5.7	3.0	5.8
DLFPS-340/3455	6.3	6.0	6.0	5.7	4.3	5.7	7.0	6.7	6.7	7.0	5.0	3.0	5.8
DLFPS-340/3444	6.3	7.0	5.0	6.0	5.3	6.0	6.0	6.0	4.7	6.0	5.7	4.0	5.7
A16-17	6.0	7.7	5.3	6.3	3.7	6.0	5.0	6.3	4.7	6.0	7.0	3.7	5.6
RAD 553	6.7	6.3	4.7	5.7	4.7	5.3	5.7	6.7	5.3	6.7	6.0	4.0	5.6
SHAMROCK	6.3	6.7	5.7	5.7	4.3	6.0	6.0	6.0	4.0	6.3	6.0	4.3	5.6
SELWAY	6.7	6.0	5.3	6.0	4.7	6.3	5.0	6.3	4.7	6.7	5.0	4.3	5.6
DLFPS-340/3549	6.3	6.3	5.7	6.7	4.3	5.0	5.0	5.0	5.7	7.0	5.0	4.0	5.5
A11-38	6.3	6.7	6.0	6.7	4.3	6.0	6.0	6.0	3.0	6.0	5.0	3.7	5.5
BAR PP 71213	6.7	6.0	4.0	6.0	3.7	6.3	6.0	6.3	5.0	6.3	6.7	2.3	5.4
ELECTRIC (PST-K11-118)	6.3	6.0	5.3	6.3	5.0	5.3	5.0	7.0	2.3	5.7	6.7	3.3	5.4
KENBLUE	6.0	6.0	4.0	5.7	4.0	5.7	4.0	4.3	4.0	6.3	5.7	3.0	4.9
LSD VALUE	1.0	1.2	1.1	1.1	1.2	1.0	0.1	1.0	1.8	1.1	2.0	1.1	0.4
C.V. (%)	9.2	10.9	11.0	10.7	13.0	9.7	1.1	9.6	17.5	10.3	20.0	12.3	12.1

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 13.

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/										
NAME	CT1	IA1	IN1	MD1	MN1	NE1	NJ1	NJ2	TN1	MEAN
FINISH LINE (NAI-14-178)	6.0	8.0	6.0	8.3	6.3	7.3	8.0	7.7	8.3	7.2
KENBLUE	6.0	7.7	5.7	8.0	7.7	4.3	9.0	7.3	8.3	7.0
DLFPS-340/3553	5.7	8.0	5.0	8.0	7.3	6.3	7.7	7.0	8.0	7.0
BARVETTE HGT®	5.7	7.3	5.0	8.3	7.3	4.7	8.3	6.7	7.3	6.9
A11-40	5.7	7.7	6.0	8.0	6.0	5.3	8.0	7.7	8.3	6.9
BARSERATI (BAR PP 110358)	5.7	7.0	5.3	8.3	5.7	6.7	7.7	7.7	8.7	6.9
PPG-KB 1304	6.0	7.3	4.3	8.0	7.3	6.0	7.0	8.0	8.0	6.9
ELECTRIC (PST-K11-118)	5.7	8.0	5.0	7.7	6.7	7.0	7.0	6.7	9.0	6.8
BAR PP 7236V	5.7	8.0	5.7	8.0	4.7	5.7	8.7	7.0	8.3	6.8
DLFPS-340/3444	6.0	6.7	3.7	7.3	6.0	6.7	7.7	7.3	8.3	6.6
BLUE MAGIC (A99-2897)	6.0	7.3	5.0	7.3	6.3	6.7	6.0	7.0	7.7	6.5
A06-8	5.3	8.3	4.3	8.0	4.3	6.7	6.0	7.3	8.3	6.5
SHAMROCK	6.0	7.7	4.7	7.3	6.0	6.7	6.3	5.3	8.7	6.4
DLFPS-340/3455	6.0	6.7	4.0	8.0	6.3	6.7	7.0	6.0	8.3	6.4
KH3492	5.7	7.3	5.0	7.3	5.0	6.7	7.0	6.0	8.3	6.4
A16-2	5.7	7.7	4.7	7.3	4.0	7.0	7.3	5.7	8.3	6.4
DLFPS-340/3550	5.7	6.3	3.7	8.0	4.3	7.0	7.7	8.0	8.0	6.4
AKB3128	5.3	7.3	4.0	8.0	5.0	6.7	6.7	7.7	8.0	6.4
BABE	5.7	6.7	5.0	7.7	5.0	7.0	6.3	5.7	8.0	6.3
SYRAH (LTP-11-41)	5.7	7.0	3.7	7.7	5.0	6.7	6.3	6.3	8.7	6.3
DLFPS-340/3438	6.0	7.3	4.0	8.0	5.7	6.7	5.7	6.7	8.0	6.3
A11-38	5.7	7.3	4.3	8.0	6.0	7.0	6.3	5.7	8.0	6.3
RAD 553	5.7	7.3	4.7	8.0	5.3	5.7	6.3	6.7	8.0	6.2
PST-T14-39	5.7	7.0	4.3	7.3	6.3	6.3	6.7	7.0	7.7	6.2
DLFPS-340/3551	6.0	7.0	3.7	7.7	3.7	6.3	7.0	7.0	8.0	6.2
PST-11-7	5.7	7.7	6.3	8.0	5.0	5.3	6.0	4.0	8.0	6.2
DLFPS-340/3446	5.3	7.0	4.0	7.0	6.0	7.0	5.7	5.7	8.3	6.2
DLFPS-340/3548	5.0	8.0	4.3	8.0	5.0	6.7	6.0	4.7	8.3	6.1
A12-34	5.7	7.0	4.3	8.0	4.3	7.0	4.3	7.0	8.3	6.1
A16-17	5.0	8.0	3.3	7.7	4.7	7.0	6.0	5.3	8.7	6.1
BAR PP 71213	5.7	6.3	4.7	7.7	4.7	6.7	5.0	6.0	9.0	6.1
ORION (PST-K13-143)	5.7	7.0	4.0	8.0	4.7	6.0	5.7	6.7	8.3	6.1
BAR PP 7309V	5.7	6.7	4.3	8.0	4.0	6.7	6.0	6.3	8.3	6.1
DUBLIN (PST-K15-157)	5.7	7.7	4.3	7.7	5.7	6.3	6.0	5.0	8.3	6.1
SKYE	5.7	7.7	3.0	7.3	5.0	6.3	4.7	7.0	8.0	6.1
BOMBAY (GO-22B23)	5.7	8.0	2.3	6.3	5.3	7.3	5.7	6.0	8.3	6.0
NAI-15-80	6.0	7.3	5.0	7.7	5.0	5.7	4.0	6.0	8.3	6.0
A10-280	6.3	6.3	4.7	8.3	4.7	4.7	5.0	6.3	8.0	6.0
JERSEY (NAI-A16-3)	6.0	6.0	3.7	7.7	5.0	7.0	6.7	4.7	7.7	6.0
A15-6	5.7	7.3	3.0	8.0	3.3	6.0	5.7	7.3	8.0	6.0
A16-1	5.0	7.7	4.7	7.3	6.0	6.7	4.7	5.3	7.0	6.0
DLFPS-340/3549	5.3	7.3	3.7	6.7	4.7	6.0	6.0	5.7	8.7	6.0
NEW MOON (PST-K15-177)	6.0	6.7	3.3	7.3	5.3	7.3	5.3	5.0	8.3	6.0
PIVOT	6.0	8.0	4.0	8.0	6.0	5.7	3.3	6.0	8.3	6.0
SELWAY	6.0	6.7	3.3	6.7	7.0	5.3	8.0	2.3	8.0	6.0
DLFPS-340/3364	5.3	7.7	4.3	6.7	5.0	7.0	2.3	6.3	9.0	5.9
NK-1	5.3	7.7	3.7	8.0	3.3	6.0	6.0	5.7	8.0	5.9
A13-1	5.7	7.3	4.3	7.7	5.0	6.7	5.0	5.0	8.0	5.9
AVIATOR II (NAI-15-84)	6.0	7.3	5.3	8.0	4.3	5.7	4.7	4.7	8.0	5.9

TABLE 13.
(CONT'D)SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/										
NAME	CT1	IA1	IN1	MD1	MN1	NE1	NJ1	NJ2	TN1	MEAN
SUPER MOON (PST-K13-141)	5.3	7.0	3.7	7.7	4.3	5.0	5.0	6.7	8.7	5.9
A16-7	6.0	7.7	3.7	6.7	6.0	6.0	3.7	5.0	8.3	5.8
CLOUD (GO-2425)	5.3	8.0	2.7	6.0	5.0	6.3	4.3	6.3	8.7	5.8
PALOMA (PST-K13-139)	5.3	7.3	3.3	7.7	5.7	6.0	5.3	4.7	8.0	5.8
RAD-1776	5.7	8.0	3.0	7.3	5.0	5.3	5.3	5.7	7.7	5.8
DLFPS-340/3552	5.0	6.3	3.3	8.0	2.3	6.3	6.3	6.7	8.3	5.8
BAR PP 7K426	6.0	6.3	3.3	7.7	4.0	6.7	5.0	6.0	8.0	5.8
PPG-KB 1320	5.7	6.3	5.0	7.0	2.0	6.0	6.3	5.3	8.3	5.8
PROSPERITY	6.0	7.3	4.7	6.7	4.0	5.3	5.0	5.3	8.3	5.7
STARR (GO-2628)	5.3	7.3	3.0	6.0	4.3	6.7	5.3	5.0	8.3	5.7
AKB3241	5.7	7.0	3.0	7.3	3.3	6.7	5.3	5.3	8.7	5.6
PST-K15-172	6.0	7.0	2.3	6.7	4.3	7.0	5.0	5.0	8.3	5.6
BLUE KNIGHT	5.7	7.7	3.7	6.7	5.3	6.0	2.0	5.0	8.0	5.6
YELLOWSTONE (A12-7)	5.7	7.0	3.3	7.0	4.0	6.3	4.0	5.0	8.0	5.6
AKB3179	6.3	6.3	4.3	8.0	3.3	7.0	3.0	3.7	8.3	5.4
J-1319	6.0	6.3	6.0	6.0	3.7	6.3	2.3	3.0	8.3	5.4
AFTER MIDNIGHT	5.3	6.3	5.0	6.0	4.7	6.0	3.3	3.0	8.0	5.3
DLFPS-340/3500	6.0	7.3	3.3	7.0	2.7	6.7	3.0	5.7	8.3	5.3
DLFPS-340/3556	6.0	5.7	3.7	6.0	2.7	6.7	2.0	5.7	8.7	5.3
PST-K15-167	5.0	7.0	2.7	7.0	2.7	6.7	2.3	5.3	8.3	5.2
AMAZE (NAI-14-133)	5.3	6.0	2.7	7.0	3.0	5.7	2.7	6.0	8.0	5.2
BLUE DEVIL	6.0	7.3	3.3	5.7	3.7	6.0	2.0	4.7	8.7	5.2
NURUSH (J-3510)	5.7	5.7	2.3	6.3	3.7	6.3	4.0	4.3	8.3	5.1
A11-26	5.3	6.3	2.0	4.7	4.0	7.0	3.0	5.3	8.7	5.0
UNITED (NAI-13-14)	5.7	6.7	3.7	5.0	3.7	6.0	2.0	4.3	8.3	5.0
ACOUSTIC (PPG-KB 1131)	6.0	6.0	3.0	4.3	4.0	6.0	2.3	5.3	8.7	5.0
BAR PP 79366	5.7	6.3	3.0	6.7	2.3	7.0	1.3	6.7	8.7	5.0
BAR PP 79494	6.0	7.0	2.7	5.3	4.0	6.3	1.0	4.3	8.3	5.0
COMANCHE (NAI-14-176)	5.3	6.3	3.0	7.0	2.7	5.0	3.0	4.7	7.3	5.0
J-1138	5.7	7.3	3.0	4.7	3.7	5.7	2.0	4.3	9.0	5.0
J-2726	6.0	6.7	6.0	3.7	3.0	6.3	2.7	2.7	7.7	5.0
MVS-130	5.7	7.0	2.7	7.0	2.3	5.3	2.7	4.3	8.7	5.0
NAI-14-132	6.0	6.0	3.0	7.3	2.7	5.7	2.0	4.3	9.0	5.0
NAI-14-122	6.0	6.3	2.3	7.3	2.3	6.0	2.7	3.0	8.7	5.0
DLFPS-340/3494	5.7	7.0	3.7	5.7	2.3	7.0	1.0	3.7	8.3	4.9
NAI-14-128	5.7	7.0	2.0	7.0	2.0	5.3	3.0	3.7	8.0	4.9
MIDNIGHT	5.7	6.3	2.3	4.7	4.3	6.0	1.3	4.7	8.3	4.8
TWILIGHT (NAI-13-132)	6.0	6.7	3.5	4.7	3.3	6.0	1.3	3.7	8.0	4.8
HEARTLAND (NAI-14-187)	5.7	6.7	2.0	7.0	2.7	6.3	2.3	3.3	8.3	4.8
BLUE GEM (NAI-13-9)	5.7	5.7	4.0	4.3	4.0	5.7	2.3	3.7	8.0	4.7
LSD VALUE	0.8	1.4	1.5	1.0	1.3	1.0	1.9	1.5	0.9	0.4
C.V. (%)	8.4	12.6	22.8	8.5	17.4	9.8	24.1	16.9	7.1	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 14. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										
NAME	CT1	IN1	MD1	MI1	MN1	NC1	NE1	OK1	TN1	MEAN
SELWAY	6.3	6.7	8.0	3.3	7.7	8.0	7.0	8.0	6.3	6.8
BARVETTE HGT®	6.3	7.7	7.3	4.3	7.0	8.0	6.7	8.0	6.0	6.8
KENBLUE	6.0	7.0	8.0	4.7	7.7	8.0	7.3	7.3	5.0	6.8
FINISH LINE (NAI-14-178)	6.7	8.0	7.0	4.7	7.0	7.7	7.0	7.0	5.7	6.7
AKB3179	6.7	7.3	7.0	5.0	6.7	7.7	6.3	7.0	6.0	6.6
BOMBAY (GO-22B23)	6.3	7.3	7.0	5.0	6.3	7.0	7.0	7.0	6.7	6.6
STARR (GO-2628)	6.7	7.0	7.0	4.7	5.7	7.0	7.0	7.0	7.7	6.6
DUBLIN (PST-K15-157)	7.0	6.3	6.7	5.7	6.0	7.0	6.7	6.7	7.3	6.6
SUPER MOON (PST-K13-141)	6.3	6.3	6.7	5.0	6.7	8.0	7.0	7.3	5.7	6.6
ELECTRIC (PST-K11-118)	6.7	7.0	7.0	5.7	6.0	7.0	7.0	7.0	5.3	6.5
SYRAH (LTP-11-41)	6.3	6.7	7.0	4.7	6.3	7.3	7.0	7.0	6.3	6.5
PST-T14-39	7.0	6.3	7.0	4.3	6.0	7.3	7.0	7.0	6.3	6.5
RAD 553	6.3	6.3	7.3	4.7	6.7	7.7	6.7	7.0	5.7	6.5
BLUE GEM (NAI-13-9)	6.3	6.3	6.7	5.7	6.0	7.0	6.0	7.3	6.3	6.4
A11-40	7.0	7.0	7.0	5.0	6.3	7.0	5.7	6.7	6.0	6.4
AKB3241	6.7	6.3	7.0	5.0	6.7	6.3	6.3	6.7	6.7	6.4
BARSERATI (BAR PP 110358)	6.0	7.3	7.0	5.3	5.3	7.0	6.7	7.3	5.7	6.4
DLFPS-340/3552	6.7	6.7	7.0	4.7	6.3	7.7	5.7	7.0	6.0	6.4
RAD-1776	6.0	7.3	7.0	4.3	6.0	7.3	6.7	6.7	6.3	6.4
BAR PP 7236V	6.7	6.0	6.7	6.3	5.3	6.7	6.0	7.0	6.7	6.4
DLFPS-340/3549	7.0	6.3	7.0	5.0	6.0	7.0	6.7	6.7	5.7	6.4
PPG-KB 1320	6.3	6.5	6.7	5.0	6.3	6.7	6.3	6.7	6.7	6.4
PALOMA (PST-K13-139)	6.3	6.7	7.0	4.7	6.7	6.3	6.7	7.0	5.7	6.3
CLOUD (GO-2425)	7.0	7.0	7.0	4.3	5.3	7.0	6.7	7.0	5.7	6.3
A11-38	6.3	5.7	7.0	5.7	6.3	6.3	6.3	6.7	6.3	6.3
A16-17	6.3	7.0	7.0	4.7	6.0	7.0	6.3	7.0	5.3	6.3
A11-26	6.3	7.0	6.3	5.3	5.0	6.7	6.0	7.3	6.7	6.3
NURUSH (J-3510)	7.0	6.3	7.0	4.7	5.7	6.7	5.7	7.0	6.7	6.3
AKB3128	6.3	7.0	6.3	4.7	6.3	6.7	6.0	6.7	6.7	6.3
KH3492	7.0	6.3	7.0	5.3	5.7	7.0	5.7	7.0	5.7	6.3
ACOUSTIC (PPG-KB 1131)	6.0	6.3	7.0	5.3	5.0	7.0	6.3	6.7	6.7	6.3
HEARTLAND (NAI-14-187)	6.3	7.0	6.7	4.0	5.3	7.0	5.7	7.0	7.3	6.3
NAI-14-122	7.0	6.3	7.0	6.0	5.0	6.3	6.0	6.7	6.0	6.3
BLUE DEVIL	6.3	6.0	6.3	5.7	5.7	6.3	6.0	7.3	6.3	6.2
BAR PP 79494	7.0	6.3	7.0	5.0	4.7	7.0	5.7	6.7	6.7	6.2
BAR PP 7K426	7.0	6.3	6.7	5.0	5.3	7.3	5.3	6.7	6.0	6.2
PPG-KB 1304	6.7	6.7	7.0	5.3	3.7	6.7	6.0	7.0	6.7	6.2
PROSPERITY	6.3	5.7	6.7	6.0	5.7	6.7	5.7	7.0	6.0	6.2
SKYE	6.3	6.7	7.0	4.7	5.3	6.0	6.7	7.0	6.0	6.2
BLUE MAGIC (A99-2897)	6.3	5.7	7.0	5.7	5.7	6.3	5.3	7.0	6.3	6.1
ORION (PST-K13-143)	6.3	5.0	7.0	5.0	6.3	6.3	7.3	6.7	5.3	6.1
UNITED (NAI-13-14)	6.7	6.0	6.0	6.0	5.3	6.7	5.3	7.0	6.3	6.1
NAI-15-80	6.7	6.7	7.0	4.0	6.7	6.0	5.7	7.0	5.7	6.1
TWILIGHT (NAI-13-132)	6.7	6.5	6.7	5.0	6.0	6.7	5.7	6.3	5.7	6.1
BAR PP 7309V	6.7	5.3	6.3	6.0	5.7	7.3	5.3	6.3	6.0	6.1
BLUE KNIGHT	6.7	6.0	7.0	5.0	5.7	6.7	5.7	6.7	5.7	6.1
DLFPS-340/3553	6.3	5.7	7.0	5.7	5.0	7.0	6.0	6.7	5.7	6.1
MIDNIGHT	6.3	5.7	6.7	4.7	5.3	7.0	6.0	7.3	5.7	6.1

TABLE 14.
(CONT'D)LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										
NAME	CT1	IN1	MD1	MI1	MN1	NC1	NE1	OK1	TN1	MEAN
NEW MOON (PST-K15-177)	6.7	5.3	7.0	3.7	5.7	6.3	6.3	7.0	6.7	6.1
JERSEY (NAI-A16-3)	6.3	6.3	7.0	4.3	5.7	6.7	6.3	6.7	5.3	6.1
DLFPS-340/3500	6.7	6.5	5.7	5.7	4.7	7.0	5.0	6.7	6.7	6.1
A16-2	6.7	5.7	6.3	4.7	4.7	7.0	6.3	7.0	6.0	6.0
DLFPS-340/3438	7.0	5.0	7.0	5.7	5.0	6.3	5.3	6.7	6.3	6.0
DLFPS-340/3550	6.7	6.3	6.0	6.0	5.0	6.3	5.0	7.0	6.0	6.0
J-1138	6.3	6.3	6.7	5.3	5.7	6.3	6.3	6.3	5.0	6.0
MVS-130	6.7	6.3	6.7	5.3	4.3	6.7	6.0	6.7	5.7	6.0
NK-1	6.7	5.7	6.3	5.7	5.7	6.0	5.7	6.7	6.0	6.0
DLFPS-340/3455	6.0	5.3	7.0	4.0	5.7	6.7	6.3	6.3	6.7	6.0
NAI-14-132	6.3	6.0	7.0	4.7	5.0	6.0	6.0	7.3	5.7	6.0
BABE	6.3	6.0	6.7	4.7	4.7	7.0	5.7	7.0	5.7	6.0
DLFPS-340/3444	7.0	6.3	6.3	5.0	3.3	6.7	6.3	6.7	6.0	6.0
PST-K15-172	6.7	5.0	6.3	6.3	4.3	6.3	6.0	6.7	6.0	6.0
A06-8	6.7	7.3	6.3	6.0	3.3	5.7	5.7	7.0	5.7	6.0
BAR PP 79366	6.3	6.0	5.7	6.0	4.7	6.3	5.3	7.0	6.0	5.9
DLFPS-340/3551	6.7	5.7	6.0	5.3	5.0	6.3	5.3	7.0	6.0	5.9
YELLOWSTONE (A12-7)	6.7	5.7	7.0	5.7	5.7	6.0	6.0	5.7	5.0	5.9
A16-7	6.3	5.3	6.3	6.7	4.7	6.0	5.7	6.7	5.7	5.9
BAR PP 71213	6.7	5.7	5.7	6.0	4.7	6.0	5.7	6.3	6.3	5.9
A13-1	6.3	6.0	6.0	6.7	4.3	6.0	5.3	6.7	5.7	5.9
DLFPS-340/3494	6.3	6.7	6.3	3.7	5.0	6.0	5.7	6.7	6.7	5.9
A10-280	6.3	6.0	6.7	5.0	4.7	6.0	5.3	6.7	5.7	5.8
A15-6	7.0	5.0	6.0	6.3	4.0	6.0	5.3	6.7	6.0	5.8
AVIATOR II (NAI-15-84)	6.3	5.3	7.0	5.3	5.0	6.0	5.0	6.7	5.7	5.8
COMANCHE (NAI-14-176)	6.3	6.3	6.3	4.0	4.3	6.0	5.7	7.0	6.3	5.8
PIVOT	6.3	5.3	7.0	5.0	4.0	5.3	5.7	7.0	6.7	5.8
DLFPS-340/3548	6.3	5.3	6.3	4.7	4.7	6.3	6.0	6.3	5.7	5.7
NAI-14-128	6.3	6.3	7.0	2.7	4.7	6.3	5.3	7.0	6.0	5.7
A12-34	7.0	5.3	6.7	5.0	3.7	6.3	5.7	6.3	5.7	5.7
AMAZE (NAI-14-133)	6.3	5.7	7.0	2.7	4.7	6.7	5.3	7.7	5.7	5.7
SHAMROCK	6.3	6.7	6.7	3.0	4.3	7.0	5.7	6.3	5.7	5.7
DLFPS-340/3364	6.3	6.0	6.3	4.7	4.3	5.7	5.3	6.7	6.0	5.7
J-2726	6.7	6.5	5.7	4.7	5.0	5.7	5.0	6.0	6.0	5.7
A16-1	6.0	5.7	6.7	3.3	4.0	6.3	6.0	7.0	6.0	5.7
PST-11-7	6.0	6.0	6.0	6.0	4.0	5.3	5.3	6.7	5.3	5.6
DLFPS-340/3446	6.7	6.3	6.3	3.0	5.0	6.0	6.0	6.7	4.3	5.6
AFTER MIDNIGHT	7.0	5.0	6.0	5.3	3.0	5.7	5.3	6.7	5.7	5.5
PST-K15-167	6.7	4.3	5.7	5.3	4.0	5.7	5.7	6.3	5.0	5.4
J-1319	6.7	6.0	5.7	3.3	3.3	5.7	5.0	7.0	5.7	5.4
DLFPS-340/3556	6.0	5.3	5.3	5.7	4.3	4.7	5.0	6.3	5.3	5.3
LSD VALUE	0.9	1.1	0.7	1.8	1.1	0.9	1.0	0.8	1.4	0.4
C.V. (%)	8.1	10.4	6.1	23.1	12.5	9.0	10.6	7.5	14.8	11.5

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

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

TABLE 15. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	CT1	ND1	TN1	MEAN
BAR PP 71213	7.0	6	8.0	7.0
UNITED (NAI-13-14)	6.7	6	7.7	6.8
A11-40	7.0	6	7.3	6.8
J-1138	6.3	6	7.7	6.7
PROSPERITY	6.3	6	7.7	6.7
BAR PP 79494	6.7	6	7.0	6.6
BLUE DEVIL	6.7	5	8.0	6.6
BLUE KNIGHT	6.3	5	8.3	6.6
COMANCHE (NAI-14-176)	6.3	7	6.3	6.6
SHAMROCK	6.7	6	6.7	6.4
SUPER MOON (PST-K13-141)	6.7	6	6.7	6.4
ACOUSTIC (PPG-KB 1131)	6.0	6	7.3	6.4
AFTER MIDNIGHT	7.0	6	6.3	6.4
BAR PP 79366	7.0	5	7.3	6.4
NAI-14-132	6.3	5	8.0	6.4
A10-280	7.0	7	5.0	6.3
A16-17	6.3	6	6.7	6.3
AKB3241	6.7	6	6.3	6.3
BAR PP 7309V	6.7	6	6.3	6.3
BOMBAY (GO-22B23)	6.3	6	6.7	6.3
CLOUD (GO-2425)	6.7	5	7.3	6.3
DLFPS-340/3455	6.3	7	5.7	6.3
DLFPS-340/3548	6.7	6	6.3	6.3
DLFPS-340/3550	7.0	5	7.0	6.3
DUBLIN (PST-K15-157)	6.7	7	5.3	6.3
FINISH LINE (NAI-14-178)	6.7	6	6.3	6.3
KH3492	7.0	6	6.0	6.3
NURUSH (J-3510)	7.0	5	7.0	6.3
STARR (GO-2628)	6.3	6	6.7	6.3
TWILIGHT (NAI-13-132)	7.0	6	6.0	6.3
A12-34	6.7	6	6.0	6.2
A16-2	7.0	6	5.7	6.2
DLFPS-340/3494	7.0	6	5.7	6.2
JERSEY (NAI-A16-3)	6.7	7	5.0	6.2
MVS-130	6.7	6	6.0	6.2
NEW MOON (PST-K15-177)	6.7	5	7.0	6.2
PST-K15-167	6.7	6	6.0	6.2
A11-26	6.3	5	7.3	6.2
AKB3179	6.3	6	6.3	6.2
HEARTLAND (NAI-14-187)	6.3	5	7.3	6.2
NAI-15-80	6.3	7	5.3	6.2
BLUE MAGIC (A99-2897)	6.7	6	5.7	6.1
A06-8	6.3	6	6.0	6.1
A11-38	6.0	6	6.3	6.1
A13-1	6.0	5	7.3	6.1
DLFPS-340/3549	7.0	5	6.3	6.1
DLFPS-340/3556	6.3	5	7.0	6.1
ELECTRIC (PST-K11-118)	6.3	6	6.0	6.1
A15-6	7.0	6	5.0	6.0

TABLE 15. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2022 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	CT1	ND1	TN1	MEAN
A16-1	6.0	6	6.0	6.0
A16-7	6.3	5	6.7	6.0
BARSERATI (BAR PP 110358)	5.7	7	5.3	6.0
BLUE GEM (NAI-13-9)	6.3	6	5.7	6.0
DLFPS-340/3364	6.3	5	6.7	6.0
J-1319	6.3	5	6.7	6.0
NAI-14-128	6.7	6	5.3	6.0
PALOMA (PST-K13-139)	6.3	5	6.7	6.0
PST-T14-39	6.7	6	5.3	6.0
AKB3128	6.7	6	5.0	5.9
BABE	6.0	6	5.7	5.9
NAI-14-122	7.0	6	4.7	5.9
PPG-KB 1320	5.7	6	6.0	5.9
YELLOWSTONE (A12-7)	6.0	6	5.7	5.9
J-2726	6.3	5	6.3	5.9
PIVOT	6.3	5	6.3	5.9
PPG-KB 1304	6.3	6	5.3	5.9
BAR PP 7K426	6.7	6	4.7	5.8
DLFPS-340/3438	6.7	6	4.7	5.8
PST-K15-172	6.7	5	5.7	5.8
SYRAH (LTP-11-41)	5.7	5	6.7	5.8
AMAZE (NAI-14-133)	6.3	6	5.0	5.8
MIDNIGHT	6.0	6	5.3	5.8
NK-1	6.0	5	6.3	5.8
RAD 553	6.3	6	5.0	5.8
RAD-1776	6.0	6	5.3	5.8
BAR PP 7236V	6.7	6	4.3	5.7
DLFPS-340/3551	6.7	5	5.3	5.7
DLFPS-340/3552	6.7	5	5.3	5.7
PST-11-7	5.7	6	5.3	5.7
SELWAY	6.3	5	5.7	5.7
DLFPS-340/3444	6.7	5	5.0	5.6
DLFPS-340/3446	6.7	5	5.0	5.6
SKYE	7.0	5	4.7	5.6
BARVETTE HGT®	6.3	6	4.3	5.6
DLFPS-340/3500	6.3	5	5.3	5.6
DLFPS-340/3553	6.3	5	5.3	5.6
KENBLUE	6.3	5	5.3	5.6
ORION (PST-K13-143)	6.3	5	5.3	5.6
AVIATOR II (NAI-15-84)	6.0	5	5.0	5.3
LSD VALUE	1.0	0	2.3	0.8
C.V. (%)	9.6	0	23.6	14.8

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

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

TABLE 16. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	IA1	IN1	NC1	ND1	OK1	TN1	
BARVETTE HGT®	7.3	7.3	7.3	7	7.0	4.7	6.8
CLOUD (GO-2425)	7.0	7.7	6.7	6	6.0	6.3	6.6
A16-17	8.0	7.0	4.7	7	7.0	5.7	6.6
UNITED (NAI-13-14)	7.0	5.3	6.7	7	5.3	7.7	6.5
BARSERATI (BAR PP 110358)	5.3	7.0	7.0	7	6.7	5.7	6.4
J-1138	6.7	6.0	6.7	7	4.7	7.0	6.3
BAR PP 79494	6.3	5.3	6.7	7	5.7	6.7	6.3
BLUE DEVIL	7.3	5.3	6.0	6	6.0	7.0	6.3
STARR (GO-2628)	8.0	6.7	6.3	6	5.0	5.7	6.3
BLUE GEM (NAI-13-9)	8.0	5.0	6.0	7	4.7	6.7	6.2
SKYE	6.0	7.7	6.3	6	6.3	5.0	6.2
ACOUSTIC (PPG-KB 1131)	6.3	5.7	7.0	6	5.3	6.7	6.2
AKB3179	6.7	7.3	5.3	7	5.0	5.7	6.2
SUPER MOON (PST-K13-141)	7.0	6.7	6.3	7	5.3	4.7	6.2
BLUE MAGIC (A99-2897)	7.0	6.3	5.3	6	6.3	5.7	6.1
AKB3241	6.7	7.0	5.3	7	5.0	5.3	6.1
MIDNIGHT	7.7	6.0	6.7	7	3.3	5.7	6.1
PPG-KB 1304	7.7	6.7	4.7	6	6.0	5.3	6.1
TWILIGHT (NAI-13-132)	7.0	6.0	6.3	7	4.0	6.0	6.1
ELECTRIC (PST-K11-118)	5.7	7.3	6.7	7	4.3	5.0	6.0
AFTER MIDNIGHT	5.7	4.0	5.7	7	4.7	8.3	5.9
NURUSH (J-3510)	7.7	6.0	5.7	6	3.0	7.0	5.9
A11-26	6.0	6.3	5.3	6	6.3	5.3	5.9
BOMBAY (GO-22B23)	6.7	7.3	5.3	6	4.0	5.7	5.8
DLFPS-340/3550	5.7	6.3	6.7	6	3.3	7.0	5.8
SELWAY	7.0	6.0	6.0	6	4.7	5.3	5.8
DLFPS-340/3552	6.0	6.0	5.7	6	6.7	4.3	5.8
BAR PP 7236V	6.3	5.3	5.3	7	5.3	5.3	5.8
NAI-15-80	7.3	5.7	3.3	7	6.0	5.3	5.8
A10-280	6.0	5.0	6.3	7	4.7	5.3	5.7
DUBLIN (PST-K15-157)	7.3	5.7	4.7	7	3.7	6.0	5.7
PST-K15-172	7.0	7.0	5.0	6	4.3	5.0	5.7
A12-34	6.7	5.7	4.7	6	5.0	6.0	5.7
DLFPS-340/3553	7.3	6.0	5.0	6	3.7	6.0	5.7
NK-1	6.3	6.0	4.3	6	6.0	5.3	5.7
PST-K15-167	6.3	4.3	6.0	7	4.7	5.7	5.7
RAD-1776	7.0	7.0	4.7	7	4.0	4.3	5.7
A15-6	5.3	5.3	6.3	6	4.7	5.7	5.6
A16-2	6.7	6.7	4.3	6	4.0	5.7	5.6
BABE	6.3	5.3	5.0	7	4.7	5.0	5.6
BAR PP 7K426	6.3	4.3	4.0	7	5.7	6.0	5.6
A11-40	6.3	6.3	4.7	7	3.3	5.3	5.5
A16-7	6.7	5.3	4.7	6	4.7	5.7	5.5
AKB3128	6.0	6.0	4.7	7	4.3	5.0	5.5
BAR PP 79366	6.3	5.7	5.3	6	3.7	6.0	5.5
NAI-14-128	6.7	7.0	4.7	7	2.7	5.0	5.5
DLFPS-340/3551	5.7	5.7	6.7	6	3.7	5.0	5.4

TABLE 16. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2022 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	IA1	IN1	NC1	ND1	OK1	TN1	
MVS-130	6.0	7.0	4.7	6	3.7	5.3	5.4
NAI-14-122	6.0	5.7	4.0	6	5.0	6.0	5.4
SYRAH (LTP-11-41)	7.7	5.7	3.0	7	5.0	4.3	5.4
A13-1	6.7	5.7	4.3	6	3.3	6.7	5.4
PST-T14-39	6.3	4.3	5.0	7	3.0	7.0	5.4
KH3492	7.0	6.0	4.7	6	3.7	5.0	5.4
RAD 553	7.3	5.0	3.7	7	3.7	5.7	5.4
AMAZE (NAI-14-133)	6.3	6.0	3.3	6	5.7	5.0	5.4
A06-8	6.7	6.3	5.0	7	1.7	5.3	5.3
JERSEY (NAI-A16-3)	6.3	5.7	5.3	7	4.3	3.3	5.3
PST-11-7	6.0	6.7	3.0	7	5.0	4.3	5.3
FINISH LINE (NAI-14-178)	7.0	5.5	3.3	7	3.3	5.7	5.3
BAR PP 7309V	6.3	5.0	4.3	7	4.3	4.7	5.3
DLFPS-340/3364	6.7	5.0	5.0	6	4.0	5.0	5.3
HEARTLAND (NAI-14-187)	6.0	6.0	4.3	6	4.3	5.0	5.3
KENBLUE	7.7	5.3	4.7	6	3.7	4.3	5.3
BLUE KNIGHT	6.3	4.3	5.3	7	4.0	4.3	5.2
DLFPS-340/3444	6.7	5.0	4.3	6	5.0	4.3	5.2
YELLOWSTONE (A12-7)	6.3	5.0	4.3	7	2.3	6.3	5.2
NEW MOON (PST-K15-177)	6.0	4.0	5.0	7	3.7	5.3	5.2
DLFPS-340/3446	6.7	4.7	4.3	6	4.0	5.0	5.1
PROSPERITY	5.7	6.3	4.0	7	2.7	5.0	5.1
J-1319	6.7	5.0	4.3	6	3.3	5.3	5.1
J-2726	6.0	5.5	4.0	6	4.3	4.7	5.1
COMANCHE (NAI-14-176)	6.3	5.7	3.0	8	3.0	4.3	5.1
A11-38	6.3	6.0	3.0	7	2.0	5.7	5.0
AVIATOR II (NAI-15-84)	7.0	3.7	4.7	6	4.0	4.7	5.0
DLFPS-340/3438	5.7	5.3	4.3	7	2.3	5.0	4.9
DLFPS-340/3494	5.0	5.0	3.7	6	3.7	6.0	4.9
PIVOT	5.7	6.3	2.7	6	3.3	5.3	4.9
PALOMA (PST-K13-139)	6.3	5.7	3.3	6	2.7	5.0	4.8
ORION (PST-K13-143)	6.0	5.0	4.3	6	3.3	4.3	4.8
SHAMROCK	6.0	5.7	4.7	7	1.7	3.7	4.8
BAR PP 71213	5.7	3.7	3.7	7	3.7	5.0	4.8
DLFPS-340/3455	6.7	5.0	3.3	7	1.7	5.0	4.8
DLFPS-340/3500	5.7	4.3	3.3	6	4.0	5.3	4.8
DLFPS-340/3556	6.3	5.3	3.3	6	2.3	5.3	4.8
NAI-14-132	5.7	6.0	2.7	6	2.7	5.3	4.7
A16-1	7.0	4.7	3.3	7	2.0	4.0	4.7
DLFPS-340/3548	6.7	4.0	2.7	6	3.0	4.3	4.4
DLFPS-340/3549	6.3	5.3	3.3	6	3.0	2.7	4.4
PPG-KB 1320	6.3	4.0	3.7	6	1.7	3.7	4.2
LSD VALUE	1.9	1.7	2.0	0	2.8	1.7	0.8
C.V. (%)	17.7	18.1	25.5	0	42.2	19.9	21.2

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 17. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
NAME	CT1	MI1	ND1	NE1	NJ2	OK1	TN1	MEAN
BLUE DEVIL	7.0	9.0	7	7.3	8.7	7.3	7.3	7.7
BAR PP 79494	7.0	9.0	8	7.3	9.0	6.3	7.0	7.7
BOMBAY (GO-22B23)	7.0	9.0	8	7.3	8.7	6.3	6.3	7.5
DLFPS-340/3552	7.0	9.0	7	7.3	9.0	7.0	6.3	7.5
BARVETTE HGT®	6.3	9.0	8	6.0	9.0	7.7	6.3	7.5
STARR (GO-2628)	7.0	9.0	8	7.3	8.3	7.0	5.7	7.5
BARSERATI (BAR PP 110358)	6.3	9.0	8	7.0	9.0	6.3	6.0	7.4
BLUE GEM (NAI-13-9)	6.7	9.0	8	7.0	8.7	6.7	5.7	7.4
UNITED (NAI-13-14)	7.3	9.0	8	7.3	8.0	6.0	6.0	7.4
BAR PP 7236V	7.7	9.0	8	6.7	8.3	7.0	4.7	7.3
J-1138	6.0	9.0	8	7.0	8.3	7.0	6.0	7.3
TWILIGHT (NAI-13-132)	7.3	9.0	8	7.0	7.7	6.0	6.3	7.3
AFTER MIDNIGHT	7.3	9.0	8	6.3	7.7	7.0	6.0	7.3
NURUSH (J-3510)	7.3	9.0	7	7.3	7.7	7.0	6.0	7.3
SKYE	7.3	9.0	7	7.0	8.3	7.0	5.7	7.3
A16-17	6.7	9.0	7	6.3	9.0	6.7	6.3	7.3
BLUE MAGIC (A99-2897)	7.0	9.0	8	6.7	6.7	6.0	7.7	7.3
AKB3241	7.0	9.0	8	7.0	7.0	5.3	7.3	7.2
NAI-14-122	6.7	9.0	8	7.3	7.7	7.0	4.7	7.2
PST-K15-167	7.0	8.7	8	6.7	7.7	6.7	5.7	7.2
CLOUD (GO-2425)	6.7	9.0	7	7.0	7.0	7.3	5.7	7.1
A11-26	7.3	8.7	7	6.3	7.7	6.7	6.0	7.1
MIDNIGHT	6.7	9.0	8	7.0	8.3	5.7	5.0	7.1
SYRAH (LTP-11-41)	6.7	9.0	7	6.3	8.0	6.0	6.7	7.1
DLFPS-340/3553	7.3	9.0	7	6.0	7.3	6.0	6.7	7.0
PST-K15-172	7.0	9.0	7	6.0	8.7	6.7	5.0	7.0
A16-7	7.3	9.0	7	6.3	5.7	6.3	7.3	7.0
AKB3128	6.7	8.7	8	6.3	6.3	6.3	6.7	7.0
BLUE KNIGHT	6.7	9.0	8	5.3	7.0	6.3	6.7	7.0
PIVOT	7.0	8.7	7	6.3	6.7	6.0	7.3	7.0
ACOUSTIC (PPG-KB 1131)	7.0	9.0	7	7.0	7.3	6.0	5.3	7.0
A13-1	6.7	9.0	8	6.3	6.3	5.7	6.7	7.0
BAR PP 7K426	7.3	9.0	8	5.7	7.7	6.0	5.0	7.0
NAI-14-128	6.3	8.7	8	7.0	7.3	6.7	4.7	7.0
NAI-14-132	6.3	9.0	7	7.0	6.7	6.0	6.7	7.0
DLFPS-340/3548	6.7	9.0	7	6.0	7.0	6.7	6.0	6.9
PPG-KB 1304	6.7	9.0	7	6.7	7.3	6.7	5.0	6.9
SELWAY	7.0	9.0	7	6.0	7.7	6.7	5.0	6.9
DLFPS-340/3550	6.7	8.7	7	6.7	7.3	5.3	6.3	6.9
A15-6	7.0	8.7	7	6.7	6.7	6.7	5.3	6.9
BAR PP 71213	7.0	8.7	8	6.7	4.3	7.0	6.3	6.9
DLFPS-340/3364	7.0	9.0	7	6.7	7.0	5.3	5.7	6.8
SUPER MOON (PST-K13-141)	7.3	8.7	7	5.0	7.3	6.3	6.0	6.8
A12-34	7.0	9.0	7	6.7	6.3	6.0	5.7	6.8
A16-2	7.3	9.0	7	6.0	5.7	6.0	6.7	6.8
AMAZE (NAI-14-133)	7.0	9.0	7	6.3	7.0	6.3	5.0	6.8
HEARTLAND (NAI-14-187)	6.7	9.0	7	6.3	7.7	5.7	5.3	6.8
NAI-15-80	6.3	8.7	8	6.3	7.0	6.3	5.0	6.8

TABLE 17. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2022 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							MEAN
	CT1	MI1	ND1	NE1	NJ2	OK1	TN1	
DLFPS-340/3444	7.0	8.7	6	6.7	7.7	6.3	5.0	6.8
A16-1	6.0	9.0	8	6.0	6.7	6.0	5.7	6.8
DUBLIN (PST-K15-157)	7.0	9.0	8	6.0	5.7	6.0	5.7	6.8
KH3492	7.0	9.0	8	6.3	6.3	6.0	4.7	6.8
MVS-130	7.3	9.0	7	6.0	6.7	5.7	5.7	6.8
NK-1	7.3	9.0	7	6.3	6.3	6.7	4.7	6.8
BAR PP 7309V	6.7	9.0	8	5.7	5.3	7.0	5.3	6.7
A10-280	7.3	8.7	8	6.3	7.0	4.3	5.3	6.7
A11-40	7.0	9.0	8	6.7	5.7	5.0	5.7	6.7
ORION (PST-K13-143)	7.0	9.0	7	6.0	7.0	6.0	5.0	6.7
RAD-1776	7.0	9.0	8	5.7	6.7	5.7	5.0	6.7
J-2726	7.0	9.0	7	6.7	5.7	6.7	4.7	6.7
JERSEY (NAI-A16-3)	6.7	9.0	8	6.3	6.7	6.7	3.3	6.7
DLFPS-340/3551	6.7	8.7	7	6.3	7.7	5.7	4.7	6.7
COMANCHE (NAI-14-176)	6.7	9.0	8	6.3	5.7	5.3	5.3	6.6
J-1319	7.3	8.7	7	7.0	5.3	5.7	5.3	6.6
BABE	6.7	8.7	8	6.3	6.7	5.7	4.3	6.6
A06-8	6.7	9.0	7	6.3	6.7	5.0	5.3	6.6
AKB3179	6.3	9.0	8	6.3	6.7	6.3	3.3	6.6
DLFPS-340/3549	7.3	9.0	7	5.0	6.7	6.0	5.0	6.6
RAD 553	6.7	8.0	8	5.3	5.7	6.3	6.0	6.6
DLFPS-340/3455	6.7	8.7	8	5.7	6.0	5.7	5.0	6.5
PST-T14-39	6.7	8.3	8	6.0	7.0	4.7	4.7	6.5
DLFPS-340/3446	7.0	9.0	7	6.0	6.0	5.3	4.7	6.4
FINISH LINE (NAI-14-178)	6.7	9.0	8	4.7	5.7	6.0	5.0	6.4
DLFPS-340/3438	7.0	9.0	8	5.7	5.0	5.7	4.3	6.4
PROSPERITY	7.0	8.3	7	6.3	6.0	4.7	5.3	6.4
SHAMROCK	7.0	8.7	8	6.0	5.7	4.0	5.3	6.4
PALOMA (PST-K13-139)	6.7	8.3	7	5.0	5.7	5.3	6.0	6.3
NEW MOON (PST-K15-177)	6.7	8.7	7	6.3	4.7	5.3	5.0	6.2
AVIATOR II (NAI-15-84)	6.3	8.7	7	6.0	5.0	5.3	5.0	6.2
DLFPS-340/3494	7.3	8.3	7	5.7	4.0	6.0	5.0	6.2
PST-11-7	6.7	8.7	8	6.3	3.0	6.3	4.3	6.2
ELECTRIC (PST-K11-118)	7.0	8.7	7	6.0	2.7	6.0	5.7	6.1
PPG-KB 1320	6.3	8.7	8	6.3	4.7	4.0	4.3	6.0
A11-38	7.0	9.0	8	5.3	5.0	4.7	3.0	6.0
BAR PP 79366	6.7	9.0	7	5.7	1.0	5.3	7.0	6.0
DLFPS-340/3556	7.0	9.0	7	5.0	3.3	4.7	5.3	5.9
KENBLUE	6.3	7.3	7	4.3	5.7	6.7	4.0	5.9
YELLOWSTONE (A12-7)	6.3	8.7	8	6.0	3.0	4.7	4.3	5.9
DLFPS-340/3500	7.0	9.0	6	5.0	1.3	5.7	4.0	5.4
LSD VALUE	1.0	0.6	0	1.0	2.1	1.8	2.5	0.6
C.V. (%)	8.8	4.0	0	10.3	19.7	18.7	28.1	13.9

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

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

TABLE 18. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	ND1	TN1	VA1	MEAN
A06-8	99.0	93.7	99.0	97.2
A13-1	99.0	92.3	99.0	96.8
BLUE MAGIC (A99-2897)	99.0	91.7	99.0	96.6
AFTER MIDNIGHT	99.0	90.3	99.0	96.1
SUPER MOON (PST-K13-141)	99.0	90.3	99.0	96.1
DUBLIN (PST-K15-157)	99.0	90.0	99.0	96.0
A10-280	99.0	89.7	99.0	95.9
DLFPS-340/3455	99.0	89.7	99.0	95.9
DLFPS-340/3500	95.0	93.7	99.0	95.9
NAI-15-80	99.0	89.7	99.0	95.9
A15-6	93.3	95.0	99.0	95.8
AKB3128	99.0	89.0	99.0	95.7
BAR PP 7309V	99.0	89.0	99.0	95.7
ELECTRIC (PST-K11-118)	99.0	89.0	99.0	95.7
BARSERATI (BAR PP 110358)	99.0	88.7	99.0	95.6
BAR PP 7K426	95.0	92.3	99.0	95.4
BOMBAY (GO-22B23)	95.0	92.3	99.0	95.4
KENBLUE	95.0	92.3	99.0	95.4
AKB3179	99.0	87.7	99.0	95.2
NAI-14-128	95.0	91.7	99.0	95.2
A16-1	95.0	91.3	99.0	95.1
ACOUSTIC (PPG-KB 1131)	95.0	91.3	99.0	95.1
COMANCHE (NAI-14-176)	99.0	87.0	99.0	95.0
DLFPS-340/3553	95.0	91.0	99.0	95.0
BAR PP 7236V	95.0	90.7	99.0	94.9
BLUE GEM (NAI-13-9)	95.0	90.7	99.0	94.9
DLFPS-340/3438	95.0	90.7	99.0	94.9
DLFPS-340/3550	95.0	92.0	97.7	94.9
PPG-KB 1304	95.0	90.7	99.0	94.9
AMAZE (NAI-14-133)	95.0	90.3	99.0	94.8
BARVETTE HGT®	95.0	90.3	99.0	94.8
CLOUD (GO-2425)	95.0	90.3	99.0	94.8
DLFPS-340/3444	95.0	90.3	99.0	94.8
DLFPS-340/3446	95.0	90.3	99.0	94.8
BAR PP 79494	95.0	90.0	99.0	94.7
NEW MOON (PST-K15-177)	95.0	90.0	99.0	94.7
PALOMA (PST-K13-139)	95.0	90.0	99.0	94.7
SELWAY	95.0	90.0	99.0	94.7
MVS-130	95.0	89.7	99.0	94.6
UNITED (NAI-13-14)	95.0	91.0	97.7	94.6
A16-2	93.3	91.3	99.0	94.6
DLFPS-340/3364	95.0	89.3	99.0	94.4
SYRAH (LTP-11-41)	96.3	88.0	99.0	94.4
A11-40	99.0	85.0	99.0	94.3
J-1138	95.0	89.0	99.0	94.3
RAD 553	96.3	87.7	99.0	94.3
RAD-1776	95.0	89.0	99.0	94.3
STARR (GO-2628)	95.0	89.0	99.0	94.3
JERSEY (NAI-A16-3)	99.0	84.3	99.0	94.1

TABLE 18.
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	ND1	TN1	VA1	MEAN
MIDNIGHT	95.0	88.3	99.0	94.1
NAI-14-122	95.0	88.0	99.0	94.0
PST-11-7	99.0	83.3	99.0	93.8
SKYE	93.3	89.0	99.0	93.8
A11-26	95.0	87.0	99.0	93.7
AKB3241	95.0	87.0	99.0	93.7
YELLOWSTONE (A12-7)	95.0	87.0	99.0	93.7
A11-38	95.0	86.7	99.0	93.6
BAR PP 71213	95.0	86.7	99.0	93.6
DLFPS-340/3494	95.0	86.7	99.0	93.6
TWILIGHT (NAI-13-132)	95.0	86.7	99.0	93.6
BLUE DEVIL	91.7	89.7	99.0	93.4
BABE	96.3	85.0	99.0	93.4
DLFPS-340/3552	95.0	91.0	94.3	93.4
SHAMROCK	99.0	85.0	96.0	93.3
KH3492	95.0	85.7	99.0	93.2
PST-K15-167	95.0	85.7	99.0	93.2
A12-34	95.0	85.0	99.0	93.0
FINISH LINE (NAI-14-178)	95.0	84.7	99.0	92.9
PROSPERITY	90.0	89.3	99.0	92.8
PIVOT	90.0	89.0	99.0	92.7
NAI-14-132	90.0	88.7	99.0	92.6
PST-K15-172	95.0	83.7	99.0	92.6
DLFPS-340/3548	95.0	83.3	99.0	92.4
DLFPS-340/3551	95.0	83.0	99.0	92.3
HEARTLAND (NAI-14-187)	91.7	85.7	99.0	92.1
PST-T14-39	95.0	85.3	96.0	92.1
A16-7	90.0	87.0	99.0	92.0
BLUE KNIGHT	95.0	81.7	99.0	91.9
A16-17	90.0	92.3	92.7	91.7
BAR PP 79366	85.0	90.3	99.0	91.4
DLFPS-340/3549	95.0	80.3	99.0	91.4
PPG-KB 1320	95.0	80.3	99.0	91.4
NK-1	85.0	90.0	99.0	91.3
ORION (PST-K13-143)	90.0	84.7	99.0	91.2
AVIATOR II (NAI-15-84)	90.0	83.7	99.0	90.9
DLFPS-340/3556	90.0	83.3	99.0	90.8
NURUSH (J-3510)	85.0	88.0	99.0	90.7
J-1319	85.0	87.0	99.0	90.3
J-2726	85.0	82.0	99.0	88.7
LSD VALUE	1.3	6.1	2.7	2.3
C.V. (%)	0.8	4.3	1.7	2.6

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

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

TABLE 19. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/				
NAME	ND1	OK1	TN1	MEAN
BARVETTE HGT®	99.0	89.7	92.3	93.7
SELWAY	99.0	86.7	93.0	92.9
BLUE MAGIC (A99-2897)	99.0	86.7	91.3	92.3
A15-6	99.0	86.7	90.0	91.9
BAR PP 79494	99.0	83.3	92.7	91.7
AKB3179	99.0	81.7	93.3	91.3
ACOUSTIC (PPG-KB 1131)	95.0	86.7	91.7	91.1
J-1138	99.0	80.0	94.0	91.0
BAR PP 7K426	99.0	79.7	93.0	90.6
CLOUD (GO-2425)	97.7	81.7	92.3	90.6
BAR PP 7236V	99.0	80.0	91.0	90.0
STARR (GO-2628)	99.0	80.0	90.7	89.9
BLUE DEVIL	95.0	81.7	91.3	89.3
NAI-15-80	99.0	76.7	92.3	89.3
SKYE	97.7	82.7	86.7	89.0
AKB3128	99.0	75.0	91.7	88.6
PPG-KB 1304	99.0	81.7	84.3	88.3
A12-34	99.0	71.7	91.0	87.2
BLUE GEM (NAI-13-9)	99.0	73.3	88.7	87.0
NAI-14-122	95.0	73.3	92.7	87.0
PST-K15-172	99.0	68.3	92.3	86.6
A11-26	99.0	67.7	92.3	86.3
BOMBAY (GO-22B23)	99.0	71.7	88.3	86.3
JERSEY (NAI-A16-3)	99.0	75.0	84.3	86.1
KH3492	97.7	70.0	90.3	86.0
NEW MOON (PST-K15-177)	99.0	70.0	89.0	86.0
BARSERATI (BAR PP 110358)	99.0	63.3	94.7	85.7
BAR PP 71213	99.0	65.0	91.7	85.2
DLFPS-340/3444	99.0	68.3	88.3	85.2
A16-17	95.0	68.3	91.7	85.0
BAR PP 79366	99.0	63.3	92.7	85.0
DLFPS-340/3364	95.0	66.7	92.3	84.7
RAD-1776	99.0	65.0	89.7	84.6
DLFPS-340/3552	95.0	68.3	90.0	84.4
SYRAH (LTP-11-41)	99.0	71.7	81.7	84.1
A11-40	99.0	60.0	93.3	84.1
DLFPS-340/3553	95.0	66.7	90.0	83.9
ELECTRIC (PST-K11-118)	99.0	60.0	92.7	83.9
AMAZE (NAI-14-133)	99.0	64.7	87.7	83.8
BAR PP 7309V	99.0	60.0	91.0	83.3
UNITED (NAI-13-14)	99.0	57.7	93.0	83.2
DLFPS-340/3550	99.0	55.0	94.7	82.9
TWILIGHT (NAI-13-132)	99.0	56.7	92.0	82.6
BLUE KNIGHT	99.0	60.0	87.0	82.0
ORION (PST-K13-143)	99.0	61.7	85.3	82.0
HEARTLAND (NAI-14-187)	99.0	60.0	86.3	81.8
DLFPS-340/3494	99.0	53.3	89.7	80.7
DLFPS-340/3548	99.0	63.3	78.7	80.3
NURUSH (J-3510)	99.0	48.3	93.7	80.3
SUPER MOON (PST-K13-141)	99.0	48.3	93.7	80.3

TABLE 19. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2022 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/				
NAME	ND1	OK1	TN1	MEAN
A10-280	99.0	53.3	88.3	80.2
COMANCHE (NAI-14-176)	99.0	55.0	85.7	79.9
NK-1	99.0	50.0	88.7	79.2
DUBLIN (PST-K15-157)	99.0	46.7	92.0	79.2
NAI-14-132	99.0	46.7	91.3	79.0
PST-K15-167	99.0	50.0	87.3	78.8
RAD 553	99.0	45.0	92.3	78.8
DLFPS-340/3551	99.0	46.7	88.3	78.0
DLFPS-340/3446	99.0	45.0	89.7	77.9
AKB3241	99.0	41.7	92.7	77.8
AFTER MIDNIGHT	99.0	43.3	90.3	77.6
YELLOWSTONE (A12-7)	99.0	43.3	90.0	77.4
AVIATOR II (NAI-15-84)	99.0	50.0	82.7	77.2
A13-1	99.0	40.0	92.3	77.1
A16-7	95.0	43.3	92.3	76.9
KENBLUE	95.0	43.3	92.0	76.8
FINISH LINE (NAI-14-178)	99.0	43.3	87.3	76.6
NAI-14-128	99.0	40.0	90.7	76.6
PST-T14-39	99.0	40.7	90.0	76.6
MIDNIGHT	99.0	38.3	91.0	76.1
PIVOT	99.0	39.0	89.0	75.7
DLFPS-340/3500	99.0	40.0	87.7	75.6
MVS-130	96.3	36.7	93.0	75.3
PST-11-7	99.0	50.0	76.7	75.2
J-1319	99.0	39.0	87.3	75.1
DLFPS-340/3549	99.0	41.7	83.0	74.6
PPG-KB 1320	99.0	34.0	87.3	73.4
DLFPS-340/3455	99.0	23.3	93.3	71.9
BABE	99.0	28.3	87.7	71.7
PROSPERITY	95.0	35.0	84.0	71.3
A16-2	99.0	29.0	84.3	70.8
A06-8	99.0	22.3	89.7	70.3
J-2726	99.0	35.0	76.7	70.2
A11-38	95.0	21.0	88.0	68.0
DLFPS-340/3438	99.0	12.7	92.3	68.0
PALOMA (PST-K13-139)	95.0	18.3	90.3	67.9
A16-1	99.0	11.7	89.0	66.6
DLFPS-340/3556	95.0	9.0	91.0	65.0
SHAMROCK	99.0	12.7	83.0	64.9
LSD VALUE	0.8	46.4	7.8	15.7
C.V. (%)	0.5	51.7	5.4	20.8

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. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/				
NAME	ND1	OK1	TN1	MEAN
BARVETTE HGT®	99.0	97.7	98.7	98.4
BLUE DEVIL	99.0	97.7	94.7	97.1
BAR PP 7236V	99.0	96.0	92.0	95.7
CLOUD (GO-2425)	99.0	94.7	90.7	94.8
STARR (GO-2628)	99.0	94.7	90.7	94.8
BAR PP 7309V	99.0	90.0	94.3	94.4
BOMBAY (GO-22B23)	99.0	89.3	94.7	94.3
UNITED (NAI-13-14)	99.0	89.3	92.3	93.6
PST-11-7	99.0	89.3	90.7	93.0
BARSERATI (BAR PP 110358)	99.0	88.0	90.0	92.3
DLFPS-340/3494	99.0	92.7	85.3	92.3
NEW MOON (PST-K15-177)	99.0	88.0	89.0	92.0
ORION (PST-K13-143)	99.0	89.7	86.3	91.7
BLUE MAGIC (A99-2897)	99.0	80.0	95.3	91.4
NAI-15-80	99.0	89.7	85.3	91.3
SKYE	99.0	83.0	91.7	91.2
SUPER MOON (PST-K13-141)	99.0	78.3	95.7	91.0
TWILIGHT (NAI-13-132)	99.0	80.0	93.7	90.9
J-1138	99.0	76.3	96.0	90.4
ACOUSTIC (PPG-KB 1131)	99.0	83.3	88.7	90.3
JERSEY (NAI-A16-3)	99.0	81.7	90.3	90.3
PPG-KB 1304	99.0	87.7	84.3	90.3
A11-26	99.0	76.7	93.7	89.8
NAI-14-122	99.0	73.3	95.7	89.3
A16-17	99.0	71.7	97.0	89.2
BAR PP 71213	99.0	75.0	93.7	89.2
ELECTRIC (PST-K11-118)	99.0	71.3	97.3	89.2
DLFPS-340/3552	99.0	71.7	96.0	88.9
BLUE KNIGHT	95.0	76.7	93.7	88.4
NAI-14-128	99.0	71.7	94.3	88.3
BLUE GEM (NAI-13-9)	99.0	73.3	91.3	87.9
KH3492	99.0	73.3	91.3	87.9
AKB3128	99.0	70.0	94.0	87.7
A15-6	99.0	81.3	82.3	87.6
DLFPS-340/3553	99.0	70.0	93.3	87.4
A10-280	99.0	65.0	96.3	86.8
A12-34	99.0	73.0	87.0	86.3
BAR PP 7K426	99.0	68.3	91.3	86.2
NURUSH (J-3510)	99.0	66.7	92.7	86.1
PST-K15-172	99.0	68.3	90.7	86.0
AKB3179	99.0	70.0	88.0	85.7
SYRAH (LTP-11-41)	99.0	66.3	91.3	85.6
BAR PP 79494	99.0	66.3	91.0	85.4
SELWAY	99.0	71.3	86.0	85.4
A16-7	99.0	60.0	97.0	85.3
MIDNIGHT	99.0	66.7	90.3	85.3
DLFPS-340/3444	99.0	66.7	90.0	85.2

TABLE 20. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2022 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/				
NAME	ND1	OK1	TN1	MEAN
DLFPS-340/3548	99.0	76.3	79.3	84.9
A16-2	99.0	60.0	94.7	84.6
NK-1	99.0	71.3	83.3	84.6
DUBLIN (PST-K15-157)	99.0	59.7	94.7	84.4
MVS-130	96.3	60.0	97.0	84.4
DLFPS-340/3549	99.0	63.3	90.7	84.3
DLFPS-340/3551	99.0	76.7	76.7	84.1
AVIATOR II (NAI-15-84)	99.0	56.7	95.7	83.8
DLFPS-340/3364	99.0	63.0	89.3	83.8
RAD 553	99.0	60.0	92.3	83.8
AMAZE (NAI-14-133)	99.0	66.3	85.7	83.7
NAI-14-132	99.0	60.0	92.0	83.7
A11-40	99.0	56.7	92.7	82.8
KENBLUE	99.0	59.7	88.0	82.2
A13-1	99.0	53.3	92.0	81.4
A06-8	99.0	53.3	90.7	81.0
RAD-1776	99.0	53.3	90.3	80.9
YELLOWSTONE (A12-7)	99.0	56.7	87.0	80.9
PST-K15-167	99.0	58.3	84.7	80.7
BAR PP 79366	99.0	46.7	96.0	80.6
DLFPS-340/3446	99.0	48.3	94.0	80.4
DLFPS-340/3550	99.0	48.3	93.3	80.2
AKB3241	99.0	45.0	96.0	80.0
PIVOT	99.0	43.3	95.3	79.2
HEARTLAND (NAI-14-187)	99.0	43.3	94.7	79.0
BABE	99.0	48.3	89.3	78.9
DLFPS-340/3438	99.0	41.7	95.0	78.6
DLFPS-340/3500	99.0	40.0	96.7	78.6
PROSPERITY	99.0	41.7	94.7	78.4
PST-T14-39	99.0	50.0	85.7	78.2
FINISH LINE (NAI-14-178)	99.0	53.3	80.7	77.7
A11-38	99.0	50.0	83.7	77.6
AFTER MIDNIGHT	99.0	46.7	86.0	77.2
DLFPS-340/3455	99.0	43.3	88.3	76.9
PALOMA (PST-K13-139)	99.0	30.0	97.3	75.4
COMANCHE (NAI-14-176)	99.0	33.3	93.7	75.3
PPG-KB 1320	99.0	40.0	87.0	75.3
SHAMROCK	99.0	33.3	91.7	74.7
J-1319	99.0	40.0	84.3	74.4
A16-1	99.0	26.7	92.7	72.8
DLFPS-340/3556	99.0	25.0	92.0	72.0
J-2726	99.0	40.0	69.0	69.3
LSD VALUE	0.4	40.1	12.2	14.0
C.V. (%)	0.2	38.1	8.4	17.7

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

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

TABLE 21. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

NAME	NJ1	NAME	NJ1
A11-26	9.0	AKB3241	6.7
BAR PP 79366	9.0	COMANCHE (NAI-14-176)	6.7
SELWAY	9.0	DLFPS-340/3446	6.7
A10-280	8.7	MVS-130	6.7
BAR PP 7236V	8.7	NAI-14-122	6.7
BARSERATI (BAR PP 110358)	8.7	NAI-14-132	6.7
BARVETTE HGT®	8.7	NEW MOON (PST-K15-177)	6.7
DLFPS-340/3500	8.7	PST-K15-167	6.7
A06-8	8.3	A16-17	6.3
DLFPS-340/3494	8.3	BAR PP 71213	6.3
DLFPS-340/3548	8.3	DLFPS-340/3551	6.3
DUBLIN (PST-K15-157)	8.3	HEARTLAND (NAI-14-187)	6.3
PALOMA (PST-K13-139)	8.3	NAI-15-80	6.3
A13-1	8.0	ORION (PST-K13-143)	6.3
ACOUSTIC (PPG-KB 1131)	8.0	AMAZE (NAI-14-133)	6.0
JERSEY (NAI-A16-3)	8.0	BLUE MAGIC (A99-2897)	6.0
KH3492	8.0	FINISH LINE (NAI-14-178)	6.0
SYRAH (LTP-11-41)	8.0	KENBLUE	6.0
UNITED (NAI-13-14)	8.0	PST-T14-39	6.0
A16-2	7.7	BAR PP 7K426	5.7
A16-7	7.7	DLFPS-340/3438	5.7
BLUE GEM (NAI-13-9)	7.7	NAI-14-128	5.7
DLFPS-340/3455	7.7	NK-1	5.7
DLFPS-340/3550	7.7	NURUSH (J-3510)	5.7
DLFPS-340/3556	7.7	PROSPERITY	5.7
MIDNIGHT	7.7	SHAMROCK	5.7
PPG-KB 1304	7.7	A16-1	5.3
STARR (GO-2628)	7.7	AVIATOR II (NAI-15-84)	5.3
SUPER MOON (PST-K13-141)	7.7	PST-11-7	5.3
BAR PP 79494	7.3	RAD 553	5.3
BOMBAY (GO-22B23)	7.3	J-1319	5.0
J-1138	7.3	J-2726	5.0
PST-K15-172	7.3	BAR PP 7309V	4.7
TWILIGHT (NAI-13-132)	7.3	DLFPS-340/3444	4.7
A11-40	7.0	PIVOT	4.7
AKB3128	7.0	RAD-1776	4.7
BABE	7.0	YELLOWSTONE (A12-7)	4.7
BLUE DEVIL	7.0	BLUE KNIGHT	4.0
CLOUD (GO-2425)	7.0	DLFPS-340/3552	3.7
DLFPS-340/3364	7.0	ELECTRIC (PST-K11-118)	3.7
DLFPS-340/3549	7.0	AFTER MIDNIGHT	3.3
DLFPS-340/3553	7.0	A11-38	1.7
SKYE	7.0	PPG-KB 1320	1.7
A12-34	6.7		
A15-6	6.7	LSD VALUE	2.0
AKB3179	6.7	C.V. (%)	19.1

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 22. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

NAME	NJ1	NAME	NJ1
A06-8	9.0	BABE	7.7
ACOUSTIC (PPG-KB 1131)	9.0	COMANCHE (NAI-14-176)	7.7
BLUE MAGIC (A99-2897)	9.0	DLFPS-340/3444	7.7
DLFPS-340/3551	9.0	DLFPS-340/3548	7.7
DLFPS-340/3552	9.0	ELECTRIC (PST-K11-118)	7.7
PIVOT	9.0	HEARTLAND (NAI-14-187)	7.7
PPG-KB 1320	9.0	NAI-14-128	7.7
PST-11-7	9.0	NEW MOON (PST-K15-177)	7.7
SYRAH (LTP-11-41)	9.0	ORION (PST-K13-143)	7.7
A11-40	8.7	A10-280	7.3
A15-6	8.7	A16-2	7.3
AKB3128	8.7	AKB3179	7.3
AKB3241	8.7	BAR PP 79494	7.3
AVIATOR II (NAI-15-84)	8.7	BAR PP 7K426	7.3
BARSERATI (BAR PP 110358)	8.7	DUBLIN (PST-K15-157)	7.3
DLFPS-340/3364	8.7	J-1138	7.3
DLFPS-340/3438	8.7	SHAMROCK	7.3
DLFPS-340/3550	8.7	A16-1	7.0
DLFPS-340/3553	8.7	BAR PP 7236V	7.0
J-1319	8.7	JERSEY (NAI-A16-3)	7.0
NAI-14-132	8.7	NURUSH (J-3510)	7.0
NAI-15-80	8.7	PST-K15-172	7.0
NK-1	8.7	PST-T14-39	7.0
PPG-KB 1304	8.7	SKYE	7.0
PST-K15-167	8.7	AFTER MIDNIGHT	6.7
TWILIGHT (NAI-13-132)	8.7	KENBLUE	6.7
A12-34	8.3	KH3492	6.7
A13-1	8.3	DLFPS-340/3494	6.3
AMAZE (NAI-14-133)	8.3	J-2726	6.3
BLUE GEM (NAI-13-9)	8.3	BAR PP 7309V	6.0
CLOUD (GO-2425)	8.3	RAD-1776	6.0
DLFPS-340/3446	8.3	RAD 553	5.3
DLFPS-340/3556	8.3	BAR PP 79366	5.0
MIDNIGHT	8.3	DLFPS-340/3500	5.0
MVS-130	8.3	BLUE KNIGHT	4.7
NAI-14-122	8.3	DLFPS-340/3549	4.3
UNITED (NAI-13-14)	8.3	PALOMA (PST-K13-139)	4.3
A11-26	8.0	YELLOWSTONE (A12-7)	4.3
A16-7	8.0	A16-17	4.0
BLUE DEVIL	8.0	BAR PP 71213	4.0
BOMBAY (GO-22B23)	8.0	BARVETTE HGT®	4.0
DLFPS-340/3455	8.0	FINISH LINE (NAI-14-178)	2.7
PROSPERITY	8.0	A11-38	2.0
SELWAY	8.0		
STARR (GO-2628)	8.0	LSD VALUE	2.1
SUPER MOON (PST-K13-141)	8.0	C.V. (%)	17.6

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

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

TABLE 23. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

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 24. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

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

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 25. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

NAME	ND1		
A10-280	7	BLUE KNIGHT	6
A11-40	7	BLUE MAGIC (A99-2897)	6
A16-2	7	CLOUD (GO-2425)	6
AKB3128	7	DLFPS-340/3364	6
AKB3179	7	DLFPS-340/3438	6
AKB3241	7	DLFPS-340/3444	6
BABE	7	DLFPS-340/3446	6
BAR PP 71213	7	DLFPS-340/3455	6
BAR PP 7236V	7	DLFPS-340/3500	6
BAR PP 7309V	7	DLFPS-340/3548	6
BAR PP 79494	7	DLFPS-340/3549	6
BARSERATI (BAR PP 110358)	7	DLFPS-340/3550	6
BARVETTE HGT®	7	DLFPS-340/3551	6
BOMBAY (GO-22B23)	7	DLFPS-340/3553	6
COMANCHE (NAI-14-176)	7	DLFPS-340/3556	6
DLFPS-340/3494	7	ELECTRIC (PST-K11-118)	6
DUBLIN (PST-K15-157)	7	FINISH LINE (NAI-14-178)	6
J-1138	7	HEARTLAND (NAI-14-187)	6
JERSEY (NAI-A16-3)	7	J-1319	6
KH3492	7	J-2726	6
NAI-14-122	7	KENBLUE	6
NAI-15-80	7	MIDNIGHT	6
PIVOT	7	MVS-130	6
PST-11-7	7	NAI-14-128	6
PST-K15-167	7	NAI-14-132	6
PST-T14-39	7	NEW MOON (PST-K15-177)	6
RAD 553	7	NK-1	6
RAD-1776	7	NURUSH (J-3510)	6
SUPER MOON (PST-K13-141)	7	ORION (PST-K13-143)	6
TWILIGHT (NAI-13-132)	7	PALOMA (PST-K13-139)	6
A06-8	6	PPG-KB 1320	6
A11-26	6	PROSPERITY	6
A11-38	6	PST-K15-172	6
A12-34	6	SHAMROCK	6
A13-1	6	SKYE	6
A15-6	6	STARR (GO-2628)	6
A16-1	6	SYRAH (LTP-11-41)	6
A16-17	6	UNITED (NAI-13-14)	6
ACOUSTIC (PPG-KB 1131)	6	YELLOWSTONE (A12-7)	6
AFTER MIDNIGHT	6	A16-7	5
AMAZE (NAI-14-133)	6	DLFPS-340/3552	5
AVIATOR II (NAI-15-84)	6	PPG-KB 1304	5
BAR PP 79366	6	SELWAY	5
BAR PP 7K426	6		
BLUE DEVIL	6	LSD VALUE	0
BLUE GEM (NAI-13-9)	6	C.V. (%)	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 26. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/								
NAME	IN1	NC1	MEAN	NAME	IN1	NC1	MEAN	
BARVETTE HGT®	7.3	9.0	8.2	PPG-KB 1320	5.0	7.3	6.2	
KENBLUE	7.0	8.7	7.8	PROSPERITY	5.3	7.0	6.2	
PPG-KB 1304	7.0	8.3	7.7	NAI-14-132	5.5	6.7	6.1	
BARSERATI (BAR PP 110358)	7.0	8.0	7.5	TWILIGHT (NAI-13-132)	4.5	7.7	6.1	
FINISH LINE (NAI-14-178)	7.0	8.0	7.5	A06-8	5.3	6.7	6.0	
SELWAY	7.3	7.7	7.5	A12-34	5.3	6.7	6.0	
AKB3179	7.0	7.7	7.3	AFTER MIDNIGHT	4.0	8.0	6.0	
DLFPS-340/3549	6.7	8.0	7.3	BABE	6.0	6.0	6.0	
MIDNIGHT	6.0	8.7	7.3	BAR PP 79366	4.3	7.7	6.0	
A16-17	7.0	7.3	7.2	COMANCHE (NAI-14-176)	5.3	6.7	6.0	
DLFPS-340/3553	7.3	7.0	7.2	DLFPS-340/3500	4.3	7.7	6.0	
A11-26	6.3	7.7	7.0	DLFPS-340/3556	4.0	8.0	6.0	
CLOUD (GO-2425)	6.3	7.7	7.0	A15-6	4.0	7.7	5.8	
J-1138	5.7	8.3	7.0	BLUE KNIGHT	5.7	6.0	5.8	
A11-38	7.3	6.5	6.9	DUBLIN (PST-K15-157)	5.7	6.0	5.8	
ACOUSTIC (PPG-KB 1131)	5.7	8.0	6.8	HEARTLAND (NAI-14-187)	5.0	6.7	5.8	
ELECTRIC (PST-K11-118)	5.3	8.3	6.8	BLUE MAGIC (A99-2897)	3.7	8.0	5.8	
RAD-1776	7.7	6.0	6.8	NAI-15-80	5.3	6.3	5.8	
BOMBAY (GO-22B23)	6.3	7.3	6.8	J-2726	3.5	8.0	5.8	
STARR (GO-2628)	6.3	7.3	6.8	A16-2	5.7	5.7	5.7	
BAR PP 79494	5.3	8.0	6.7	AMAZE (NAI-14-133)	5.7	5.7	5.7	
DLFPS-340/3444	6.3	7.0	6.7	NAI-14-122	4.7	6.7	5.7	
JERSEY (NAI-A16-3)	7.0	6.3	6.7	A16-1	5.3	6.0	5.7	
PALOMA (PST-K13-139)	7.0	6.3	6.7	BAR PP 7K426	5.0	6.3	5.7	
RAD 553	7.0	6.3	6.7	KH3492	6.0	5.3	5.7	
UNITED (NAI-13-14)	6.0	7.3	6.7	SHAMROCK	6.3	5.0	5.7	
YELLOWSTONE (A12-7)	7.0	6.3	6.7	SUPER MOON (PST-K13-141)	5.3	6.0	5.7	
A11-40	6.0	7.0	6.5	DLFPS-340/3552	3.3	7.7	5.5	
A16-7	5.0	8.0	6.5	J-1319	4.0	7.0	5.5	
BLUE DEVIL	5.3	7.7	6.5	DLFPS-340/3551	4.0	6.7	5.3	
BLUE GEM (NAI-13-9)	5.3	7.7	6.5	PST-K15-167	4.7	6.0	5.3	
DLFPS-340/3455	6.3	6.7	6.5	AKB3128	3.7	7.0	5.3	
DLFPS-340/3548	6.0	7.0	6.5	AVIATOR II (NAI-15-84)	4.3	6.3	5.3	
DLFPS-340/3550	5.0	8.0	6.5	PST-T14-39	4.7	5.7	5.2	
NURUSH (J-3510)	5.7	7.3	6.5	NK-1	5.0	5.3	5.2	
SYRAH (LTP-11-41)	6.7	6.3	6.5	AKB3241	5.0	5.0	5.0	
A13-1	6.0	6.7	6.3	PST-K15-172	5.3	4.7	5.0	
DLFPS-340/3438	5.7	7.0	6.3	BAR PP 7309V	4.7	4.3	4.5	
MVS-130	5.7	7.0	6.3	NEW MOON (PST-K15-177)	3.7	5.3	4.5	
SKYE	5.7	7.0	6.3	A10-280	4.7	4.0	4.3	
DLFPS-340/3364	5.3	7.3	6.3	DLFPS-340/3494	3.0	5.3	4.2	
DLFPS-340/3446	5.7	6.7	6.2	PST-11-7	4.3	3.0	3.7	
BAR PP 7236V	6.0	6.3	6.2	BAR PP 71213	2.7	4.0	3.3	
NAI-14-128	6.0	6.3	6.2					
ORION (PST-K13-143)	6.3	6.0	6.2	LSD VALUE	1.3	1.5	1.0	
PIVOT	5.3	7.0	6.2	C.V. (%)	14.3	13.8	14.1	

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 27.

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2022 DATA

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

NAME	NC1	NE1	UT1	MEAN	NAME	NC1	NE1	UT1	MEAN
BARVETTE HGT®	8.3	7.0	6.3	7.2	A11-26	5.7	6.3	5.0	5.7
MIDNIGHT	7.3	6.3	8.0	7.2	BAR PP 7309V	6.0	6.0	5.0	5.7
J-1138	6.7	6.3	8.0	7.0	DLFPS-340/3553	4.7	6.0	6.3	5.7
ACOUSTIC (PPG-KB 1131)	6.7	6.0	7.7	6.8	HEARTLAND (NAI-14-187)	4.3	6.0	6.7	5.7
DLFPS-340/3551	6.3	6.0	8.0	6.8	PROSPERITY	3.7	5.7	7.7	5.7
CLOUD (GO-2425)	5.7	6.7	7.7	6.7	BLUE KNIGHT	4.7	5.7	6.3	5.6
STARR (GO-2628)	6.0	6.7	7.3	6.7	DLFPS-340/3446	3.7	6.3	6.7	5.6
BOMBAY (GO-22B23)	4.7	7.0	8.0	6.6	JERSEY (NAI-A16-3)	4.0	6.7	6.0	5.6
ELECTRIC (PST-K11-118)	6.3	6.7	6.7	6.6	MVS-130	4.7	6.3	5.7	5.6
SKYE	5.0	6.7	8.0	6.6	PST-T14-39	5.7	6.3	4.7	5.6
BARSERATI (BAR PP 110358)	6.3	7.0	6.3	6.6	TWILIGHT (NAI-13-132)	4.7	5.7	6.3	5.6
BLUE GEM (NAI-13-9)	5.3	6.3	8.0	6.6	AVIATOR II (NAI-15-84)	5.0	5.3	6.3	5.6
UNITED (NAI-13-14)	6.3	5.3	8.0	6.6	KH3492	5.3	6.3	5.0	5.6
A10-280	7.0	6.0	6.3	6.4	DUBLIN (PST-K15-157)	4.7	6.7	5.0	5.4
BAR PP 7236V	6.3	6.0	7.0	6.4	A11-38	2.3	6.7	7.3	5.4
DLFPS-340/3550	5.3	6.0	7.7	6.3	A12-34	3.7	6.0	6.7	5.4
SELWAY	6.3	6.7	6.0	6.3	AKB3128	4.3	5.7	6.3	5.4
A16-17	4.7	6.7	7.3	6.2	DLFPS-340/3364	5.7	6.3	4.3	5.4
AKB3241	5.0	6.7	7.0	6.2	DLFPS-340/3549	5.0	6.3	5.0	5.4
ORION (PST-K13-143)	5.0	7.0	6.7	6.2	PPG-KB 1320	3.3	6.7	6.3	5.4
SHAMROCK	6.0	6.0	6.7	6.2	RAD 553	4.3	6.3	5.7	5.4
AFTER MIDNIGHT	5.0	5.7	7.7	6.1	BAR PP 71213	4.7	6.0	5.3	5.3
BAR PP 79494	7.0	5.7	5.7	6.1	DLFPS-340/3455	4.0	7.0	5.0	5.3
A16-2	6.0	6.0	6.3	6.1	J-2726	4.0	5.7	6.3	5.3
NEW MOON (PST-K15-177)	4.0	7.0	7.3	6.1	PALOMA (PST-K13-139)	3.0	6.7	6.3	5.3
PST-K15-172	5.3	6.3	6.7	6.1	A13-1	4.3	5.3	6.0	5.2
AKB3179	4.7	6.7	6.7	6.0	BABE	4.7	6.3	4.7	5.2
BAR PP 7K426	5.3	6.0	6.7	6.0	DLFPS-340/3556	3.7	6.0	6.0	5.2
DLFPS-340/3494	4.7	6.7	6.7	6.0	NAI-14-128	3.7	5.7	6.3	5.2
DLFPS-340/3500	5.3	5.3	7.3	6.0	PIVOT	3.3	5.7	6.7	5.2
DLFPS-340/3552	5.3	5.3	7.3	6.0	NK-1	5.0	5.7	4.7	5.1
FINISH LINE (NAI-14-178)	4.3	7.0	6.7	6.0	DLFPS-340/3444	4.0	6.0	5.3	5.1
NAI-14-122	4.7	6.3	7.0	6.0	NAI-15-80	3.7	6.0	5.7	5.1
PPG-KB 1304	5.3	6.0	6.7	6.0	DLFPS-340/3438	4.7	5.7	4.7	5.0
BAR PP 79366	6.0	6.0	5.7	5.9	DLFPS-340/3548	3.0	6.7	5.3	5.0
KENBLUE	5.7	7.0	5.0	5.9	PST-11-7	4.0	6.0	4.7	4.9
NURUSH (J-3510)	4.3	5.7	7.7	5.9	PST-K15-167	3.7	6.0	5.0	4.9
SYRAH (LTP-11-41)	4.3	6.7	6.7	5.9	NAI-14-132	3.0	6.0	5.3	4.8
BLUE DEVIL	5.0	6.3	6.3	5.9	A16-1	3.3	6.0	4.7	4.7
YELLOWSTONE (A12-7)	4.7	6.0	6.7	5.8	AMAZE (NAI-14-133)	4.0	5.3	4.7	4.7
A06-8	4.3	6.3	6.7	5.8	J-1319	4.0	5.3	4.0	4.4
A11-40	6.0	5.0	6.3	5.8	COMANCHE (NAI-14-176)	1.7	6.3	5.0	4.3
A15-6	6.0	5.3	6.0	5.8	A16-7	2.7	5.7	4.0	4.1
BLUE MAGIC (A99-2897)	5.3	5.3	6.7	5.8					
RAD-1776	5.3	6.3	5.7	5.8	LSO VALUE	2.3	0.9	2.6	1.2
SUPER MOON (PST-K13-141)	4.7	6.3	6.3	5.8	C.V. (%)	29.9	9.4	26.1	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 28.

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

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

NAME	JULY	AUGUST	SEPTEMBER	MEAN	NAME	JULY	AUGUST	SEPTEMBER	MEAN
BARSERATI (BAR PP 110358)	7.3	7.3	5.7	6.8	DUBLIN (PST-K15-157)	5.0	3.7	2.3	3.7
ACOUSTIC (PPG-KB 1131)	7.0	6.7	4.7	6.1	HEARTLAND (NAI-14-187)	6.3	3.3	1.3	3.7
BARVETTE HGT®	5.3	6.0	7.0	6.1	DLFPS-340/3500	3.7	3.3	3.7	3.6
ELECTRIC (PST-K11-118)	7.3	6.0	4.7	6.0	PPG-KB 1304	5.0	4.0	1.7	3.6
A10-280	5.3	6.0	6.3	5.9	SHAMROCK	5.3	3.7	1.7	3.6
DLFPS-340/3550	6.7	6.3	4.7	5.9	ORION (PST-K13-143)	4.7	3.3	2.3	3.4
J-1138	7.0	6.0	4.3	5.8	DLFPS-340/3438	4.3	3.3	2.3	3.3
DLFPS-340/3551	7.0	6.0	4.0	5.7	KH3492	4.0	3.7	2.3	3.3
BAR PP 79494	7.0	5.7	4.0	5.6	NAI-14-122	4.7	3.3	2.0	3.3
CLOUD (GO-2425)	5.7	6.0	4.7	5.4	NAI-14-128	4.7	3.3	2.0	3.3
BLUE MAGIC (A99-2897)	6.0	5.7	4.3	5.3	AVIATOR II (NAI-15-84)	4.0	3.7	2.0	3.2
MIDNIGHT	6.3	5.3	4.3	5.3	BAR PP 71213	4.3	3.3	2.0	3.2
SKYE	6.3	6.0	3.7	5.3	DLFPS-340/3446	4.0	3.3	2.3	3.2
UNITED (NAI-13-14)	6.3	6.0	3.7	5.3	MVS-130	5.0	3.3	1.3	3.2
DLFPS-340/3552	5.3	5.3	5.0	5.2	YELLOWSTONE (A12-7)	3.7	3.7	2.3	3.2
STARR (GO-2628)	6.0	6.0	3.7	5.2	BABE	3.7	3.7	2.0	3.1
A15-6	6.0	5.7	3.7	5.1	BAR PP 7K426	3.3	3.0	3.0	3.1
BLUE GEM (NAI-13-9)	5.7	5.7	4.0	5.1	DLFPS-340/3455	4.0	3.0	2.3	3.1
BLUE DEVIL	6.3	5.7	3.0	5.0	RAD-1776	5.0	2.7	1.7	3.1
SUPER MOON (PST-K13-141)	7.0	5.7	2.3	5.0	A16-7	3.7	3.3	2.0	3.0
TWILIGHT (NAI-13-132)	5.7	5.0	4.0	4.9	KENBLUE	3.3	3.0	2.7	3.0
AFTER MIDNIGHT	6.3	5.0	3.0	4.8	A12-34	3.7	2.7	2.3	2.9
AKB3241	5.7	5.0	3.7	4.8	A16-2	5.0	2.7	1.0	2.9
BAR PP 79366	5.0	5.0	4.0	4.7	J-2726	3.7	3.3	1.7	2.9
NURUSH (J-3510)	5.7	5.0	3.0	4.6	RAD 553	4.7	2.3	1.7	2.9
DLFPS-340/3364	5.7	4.7	3.0	4.4	AMAZE (NAI-14-133)	4.7	2.3	1.3	2.8
NK-1	6.0	4.7	2.7	4.4	DLFPS-340/3494	3.3	2.7	2.3	2.8
NEW MOON (PST-K15-177)	5.7	4.3	3.0	4.3	FINISH LINE (NAI-14-178)	5.0	2.0	1.3	2.8
A06-8	6.0	4.7	2.0	4.2	PROSPERITY	3.7	3.0	1.7	2.8
AKB3128	5.7	4.7	2.3	4.2	AKB3179	4.0	2.7	1.3	2.7
DLFPS-340/3553	6.3	4.0	2.3	4.2	NAI-15-80	3.7	3.0	1.3	2.7
PST-K15-167	5.3	4.7	2.7	4.2	PPG-KB 1320	3.3	3.0	1.7	2.7
A16-17	5.7	4.3	2.3	4.1	DLFPS-340/3549	4.0	2.3	1.3	2.6
BOMBAY (GO-22B23)	5.3	4.3	2.7	4.1	DLFPS-340/3556	4.0	2.7	1.0	2.6
JERSEY (NAI-A16-3)	5.3	4.0	3.0	4.1	PALOMA (PST-K13-139)	3.3	3.0	1.3	2.6
PST-T14-39	4.7	4.3	3.3	4.1	PST-11-7	4.0	2.0	1.7	2.6
SELWAY	5.7	4.3	2.3	4.1	A16-1	3.7	2.3	1.0	2.3
BAR PP 7309V	4.7	4.3	3.0	4.0	COMANCHE (NAI-14-176)	3.3	2.0	1.3	2.2
BLUE KNIGHT	5.3	4.7	2.0	4.0	PIVOT	3.3	2.0	1.3	2.2
PST-K15-172	5.3	4.0	2.7	4.0	SYRAH (LTP-11-41)	3.0	2.0	1.7	2.2
A11-26	4.3	4.3	3.0	3.9	A11-38	3.0	2.0	1.0	2.0
DLFPS-340/3444	6.3	3.7	1.7	3.9	DLFPS-340/3548	2.7	2.0	1.3	2.0
J-1319	6.0	3.3	2.3	3.9	NAI-14-132	3.0	2.0	1.0	2.0
A11-40	6.3	3.3	1.7	3.8					
A13-1	4.7	4.0	2.7	3.8	LSD VALUE	2.5	2.2	1.9	1.8
BAR PP 7236V	4.3	4.0	3.0	3.8	C.V. (%)	26.6	31.9	42.4	27.7

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.

APPENDIX TABLE.

SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
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	33.3	DLFPS-340/3552	5.8	46.7
A10-280	5.8	33.3	DLFPS-340/3553	5.8	40.0
A11-26	5.9	46.7	DLFPS-340/3556	5.3	6.7
A11-38	5.2	6.7	DUBLIN (PST-K15-157)	5.4	26.7
A11-40	5.8	40.0	ELECTRIC (PST-K11-118)	5.8	26.7
A12-34	5.3	13.3	FINISH LINE (NAI-14-178)	5.4	20.0
A13-1	5.6	20.0	HEARTLAND (NAI-14-187)	5.3	0.0
A15-6	5.6	20.0	J-1138	6.1	46.7
A16-1	5.0	0.0	J-1319	5.1	6.7
A16-17	5.7	46.7	J-2726	5.2	13.3
A16-2	5.5	20.0	JERSEY (NAI-A16-3)	5.5	20.0
A16-7	5.2	13.3	KENBLUE	5.1	0.0
ACOUSTIC (PPG-KB 1131)	5.8	26.7	KH3492	5.6	33.3
AFTER MIDNIGHT	5.8	46.7	MIDNIGHT	6.1	53.3
AKB3128	5.6	26.7	MVS-130	5.4	13.3
AKB3179	5.7	26.7	NAI-14-122	5.5	13.3
AKB3241	5.7	26.7	NAI-14-128	5.5	6.7
AMAZE (NAI-14-133)	5.4	13.3	NAI-14-132	5.2	13.3
AVIATOR II (NAI-15-84)	5.1	6.7	NAI-15-80	5.4	26.7
BABE	5.5	6.7	NEW MOON (PST-K15-177)	5.2	20.0
BAR PP 71213	5.1	13.3	NK-1	5.4	13.3
BAR PP 7236V	5.9	40.0	NURUSH (J-3510)	5.8	40.0
BAR PP 7309V	5.4	13.3	ORION (PST-K13-143)	5.6	6.7
BAR PP 79366	5.6	20.0	PALOMA (PST-K13-139)	5.0	0.0
BAR PP 79494	5.9	40.0	PIVOT	5.3	13.3
BAR PP 7K426	5.6	33.3	PPG-KB 1304	6.1	60.0
BARSERATI (BAR PP 110358)	6.2	73.3	PPG-KB 1320	5.1	13.3
BARVETTE HGT®	6.2	66.7	PROSPERITY	5.3	20.0
BLUE DEVIL	5.7	33.3	PST-11-7	5.1	20.0
BLUE GEM (NAI-13-9)	6.0	46.7	PST-K15-167	5.2	6.7
BLUE KNIGHT	5.3	0.0	PST-K15-172	5.8	33.3
BLUE MAGIC (A99-2897)	6.1	73.3	PST-T14-39	5.3	20.0
BOMBAY (GO-22B23)	6.2	53.3	RAD 553	5.3	6.7
CLOUD (GO-2425)	6.2	80.0	RAD-1776	5.6	20.0
COMANCHE (NAI-14-176)	5.1	13.3	SELWAY	5.6	13.3
DLFPS-340/3364	5.3	6.7	SHAMROCK	5.2	0.0
DLFPS-340/3438	5.3	13.3	SKYE	6.1	53.3
DLFPS-340/3444	5.3	13.3	STARR (GO-2628)	6.4	66.7
DLFPS-340/3446	5.3	6.7	SUPER MOON (PST-K13-141)	5.9	53.3
DLFPS-340/3455	5.2	6.7	SYRAH (LTP-11-41)	6.0	46.7
DLFPS-340/3494	5.3	13.3	TWILIGHT (NAI-13-132)	5.7	20.0
DLFPS-340/3500	5.6	26.7	UNITED (NAI-13-14)	5.9	40.0
DLFPS-340/3548	5.3	6.7	YELLOWSTONE (A12-7)	5.3	6.7
DLFPS-340/3549	5.4	0.0			
DLFPS-340/3550	5.9	40.0	LSD VALUE	0.3	
DLFPS-340/3551	5.6	33.3	C.V. (%)	12.1	

*/ 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).

**/ 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.