

## **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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CONTENTS

2017 National Kentucky Bluegrass Test - 2020 data

LOCATIONS SUBMITTING DATA FOR 2020.....1

NATIONAL KENTUCKY BLUEGRASS TEST, 2017 - Entries and Sponsors.....2

Table A - 2020 Locations, Site Descriptions and Management Practices  
in the 2017 National Kentucky Bluegrass Test.....4

Table B - Locations and Data Collected in 2020.....5

Table 1 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown in Location Performance Index Group 1 .....7

Table 2 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown in Location Performance Index Group 2.....9

Table 3 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown in Location Performance Index Group 3.....11

Table 4 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown in Location Performance Index Group 4.....13

Table 5 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Ten Locations in the US Maintained Using "Schedule A".....15

Table 6 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Five Locations in the US Maintained Using "Schedule B".....17

Table 7 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Three Locations in the Northeast Region.....19

Table 8 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Seven Locations in the Transition Region .....21

Table 9 - Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown at Six Locations in the North Central Region.....23

Table 10- Mean Turfgrass Monthly Quality Ratings of Kentucky Bluegrass  
Cultivars Grown at Logan, UT .....25

Table 11- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Fayetteville, AR.....27

Table 12- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Amherst, MA.....33

Table 13A-Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at New Brunswick, NJ.....35

Table 13B-Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress in the Fall at New Brunswick, NJ....37

Table 14- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Blacksburg, VA .....39

CONTENTS (continued)

Table 15- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Shade at Ames, IA.....	41
Table 16- Genetic Color Ratings of Kentucky Bluegrass Cultivars.....	45
Table 17- Spring Greenup Ratings of Kentucky Bluegrass Cultivars.....	47
Table 18- Leaf Texture Ratings of Kentucky Bluegrass Cultivars.....	49
Table 19- Spring Density Ratings of Kentucky Bluegrass Cultivars.....	51
Table 20- Summer Density Ratings of Kentucky Bluegrass Cultivars.....	53
Table 21- Fall Density Ratings of Kentucky Bluegrass Cultivars .....	55
Table 22- Percent Living Ground Cover (Spring) Ratings of Kentucky Bluegrass Cultivars.....	57
Table 23- Percent Living Ground Cover (Summer) Ratings of Kentucky Bluegrass Cultivars.....	59
Table 24- Percent Living Ground Cover (Fall) Ratings of Kentucky Bluegrass Cultivars.....	61
Table 25- Winter Color Ratings of Kentucky Bluegrass Cultivars.....	63
Table 26- Stem Rust Ratings of Kentucky Bluegrass Cultivars.....	65
Table 27- Summer Patch Ratings of Kentucky Bluegrass Cultivars.....	67
Table 28- Fall Color (November)Ratings of Kentucky Bluegrass Cultivars.....	69
Table 29- Seedhead Ratings of Kentucky Bluegrass Cultivars.....	71
Table 30- Turf Uniformity Ratings of Kentucky Bluegrass Cultivars.....	73
Table 31- Summer Patch Ratings of Kentucky Bluegrass Cultivars.....	75
Table 32- Dollar Spot Ratings of Kentucky Bluegrass Cultivars.....	77
Appendix Table - Summary of Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars.....	79

## 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 2020

State	Location	Code
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville (Traffic Stress)	AR2
Connecticut	Storrs	CT1
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Iowa	Ames (Shade)	IA2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Massachusetts	Amherst (Traffic Stress)	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Nebraska	Mead	NE1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick	NJ1
New Jersey	North Brunswick (Traffic Summer)	NJ3
New Jersey	North Brunswick (Traffic Fall)	NJ4
North Carolina	Raleigh	NC1
North Dakota	Fargo	ND1
Oklahoma	Stillwater	OK1
Tennessee	Knoxville	TN1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Virginia	Blacksburg (Traffic Stress)	VA2

2017 NATIONAL KENTUCKY BLUEGRASS TEST

Entries and Sponsors

Entry	Name	Sponsor	Entry	Name	Sponsor	Entry	Name	Sponsor
1	A11-40	Landmark Turf & Native Seed	*40	Finish Line (NAI-14-178)	Columbia River Seed	*79	Kenblue	Standard
2	A13-1	Landmark Turf & Native Seed	*41	Heartland (NAI-14-187)	Columbia River Seed	*80	Paloma (PST-K13-139)	Fusion Seed
3	A99-2897	Turf Merchants, Inc.	*42	Aviator II (NAI-15-84)	Columbia River Seed	81	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 Pickseed USA	*88	Midnight	Standard
11	AKB3241	Pennington Seed	50	DLFPS-340/3446	DLF Pickseed USA	89	PST-T14-39	Pure-Seed Testing, Inc.
12	NK-1	Pennington Seed	51	DLFPS-340/3556	DLF Pickseed USA			
13	KH3492	Pennington Seed	52	DLFPS-340/3553	DLF Pickseed USA			
*14	Yellowstone (A12-7)	Landmark Turf & Native Seed	53	DLFPS-340/3494	DLF Pickseed USA			
*15	After Midnight	Barenbrus USA	54	DLFPS-340/3500	DLF Pickseed USA			
16	J-1138	Barenbrus USA	55	DLFPS-340/3438	DLF Pickseed USA			
17	J-1319	Barenbrus USA	56	DLFPS-340/3549	DLF Pickseed USA			
18	J-2726	Barenbrus USA	57	DLFPS-340/3548	DLF Pickseed USA			
*19	NuRush (J-3510)	Barenbrus USA	58	DLFPS-340/3444	DLF Pickseed USA			
20	BAR PP 71213	Barenbrus USA	59	DLFPS-340/3455	DLF Pickseed USA			
21	BAR PP 7309V	Barenbrus USA	60	DLFPS-340/3550	DLF Pickseed USA			
22	BAR PP 79366	Barenbrus USA	61	DLFPS-340/3551	DLF Pickseed USA			
*23	Barvette HGT®	Standard	62	DLFPS-340/3552	DLF Pickseed 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	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 2021

TABLE A.

2020 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2017 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
AR2	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
CT1	SANDY LOAM	6.1-6.5	61-150	151-240	-	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
IA2	SAND	7.1-7.5	0-60	0-150	1.1-2.0	PARTIAL SHADE	2.6-3.0	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	4.1+	NO IRRIGATION
KY1	SILT LOAM AND SILT	4.6-5.5	451+	376-500	0.0-1.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
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	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MI1	-	-	-	-	-	-	-	-
MN1	SILTY CLAY LOAM	5.6-6.0	61-150	376-500	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
NC1	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	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ4	LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	LOAM	7.1-7.5	61-150	241-375	4.1-5.0	FULL SUN	2.1-2.5	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	-	-	-	-	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	LIGHT SHADE	1.6-2.0	ONLY DURING SEVERE STRESS
VA2	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	3.1-4.0	LIGHT SHADE	1.6-2.0	ONLY DURING SEVERE STRESS

TABLE B. LOCATIONS AND DATA COLLECTED IN 2020															
LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1				X	X	X	X	X	X				X		X
AR2															
CT1					X	X	X	X	X	X			X	X	X
IA1				X	X	X	X	X	X	X			X	X	X
IA2				X	X	X	X	X	X	X			X	X	
IN1				X	X	X	X	X	X	X	X		X	X	
KY1			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				
MI1					X	X	X		X	X			X		X
MN1					X	X	X	X	X						
NC1		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
NJ1				X	X	X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X	X		X		
NJ3															
NJ4															
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	X
VA1					X	X	X	X	X	X					
VA2					X	X	X	X	X						



TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2020

LOCATION AUG	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	STEM RUST	DOLLAR SPOT JUNE JULY	SUMMER PATCH	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATINGS	UNIFORMITY RATINGS	SUMMER PATCH JULY
AR1				X	X	X										
AR2											X					
CT1		X													X	
IA1		X														
IA2	X	X	X								X	X	X			
IN1	X		X				X	X								
KY1																
MA1																
MD1																
MI1			X												X	
MN1																
NC1		X								X			X		X	X
ND1	X	X	X	X	X	X							X			
NE1		X	X												X	
NJ1									X	X				X		
NJ2						X		X			X				X	
NJ3																
NJ4																
OK1	X	X	X	X	X											
TN1	X	X	X	X	X	X										
UT1		X														
VA1				X												
VA2																

\* MORE TRAFFIC DATA FOR AR2, MA1, NJ3, NJ4 AND VA2 IN TABLE 11, 12, 13A, 13B AND 14.

TABLE 1.

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

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

TABLE 1.  
(CONT'D)

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

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

\* COMMERCIALY AVAILABLE IN THE USA IN 2021

\*\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://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 \*/  
2020 DATA

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	AR1	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
STARR (GO-2628)	6.4	5.9	6.9	6.1	4.6	6.3	6.0	7.5	6.6	7.2	7.3	8.1	6.3
BOMBAY (GO-22B23)	6.5	6.1	6.0	6.6	4.9	6.0	5.5	7.8	6.9	6.6	7.3	7.9	6.3
CLOUD (GO-2425)	6.7	6.5	5.8	6.1	5.2	6.0	6.0	6.9	6.8	6.8	7.4	7.2	6.2
PPG-KB 1304	6.1	5.9	6.7	6.9	4.4	6.0	6.4	5.2	7.0	6.3	7.0	8.4	6.1
SKYE	6.4	5.6	6.1	6.5	4.4	6.0	5.9	7.3	6.8	6.3	6.9	7.7	6.1
BARSERATI (BAR PP 110358)	6.1	6.0	4.8	6.6	5.1	7.0	6.5	6.2	6.9	7.3	6.4	7.1	6.0
J-1138	6.6	7.1	6.2	5.5	4.5	7.0	6.4	6.2	6.2	6.7	6.8	7.0	6.0
BARVETTE HGT®	6.1	4.9	7.2	6.6	4.6	7.2	5.8	5.9	5.8	6.9	7.1	7.9	6.0
PPG-KB 1131	6.9	7.1	5.3	6.0	4.7	6.1	6.5	6.8	6.0	6.8	7.2	6.8	6.0
BLUE GEM (NAI-13-9)	6.3	6.8	5.5	5.5	4.1	7.2	6.3	6.8	5.7	6.8	7.1	6.0	5.9
BAR PP 79494	6.9	6.8	6.6	5.0	4.5	7.2	6.5	5.8	5.7	6.8	7.3	6.7	5.9
ELECTRIC (PST-K11-118)	6.3	6.0	5.3	6.8	4.9	6.3	6.5	5.2	5.5	6.5	6.7	7.3	5.9
SYRAH (LTP-11-41)	6.1	6.3	6.8	6.1	2.7	6.3	6.7	6.0	6.7	6.1	5.6	7.1	5.9
MIDNIGHT	6.9	7.1	6.6	5.9	3.9	6.7	6.3	6.6	5.8	6.5	6.7	6.6	5.9
UNITED (NAI-13-14)	6.6	6.8	6.2	6.1	4.5	6.3	6.5	5.6	5.2	6.7	7.4	6.1	5.9
AFTER MIDNIGHT	7.2	7.2	4.4	5.1	4.4	7.2	6.3	7.0	6.0	6.8	7.6	6.1	5.9
A11-26	6.0	5.6	5.9	5.6	4.2	5.8	6.6	5.1	6.8	7.0	6.6	7.2	5.8
NURUSH (J-3510)	6.7	7.1	5.9	5.9	4.1	6.0	6.4	6.5	6.0	6.6	6.9	5.4	5.8
TWILIGHT (NAI-13-132)	6.5	6.4	6.4	5.6	3.7	7.0	6.4	6.4	5.0	5.9	6.6	7.1	5.8
DLFPS-340/3550	6.3	6.4	6.0	5.5	5.0	5.6	6.1	5.9	6.5	6.1	7.2	6.5	5.8
A99-2897	6.2	6.2	6.7	6.0	4.2	6.5	6.5	4.3	6.7	6.2	7.0	6.6	5.8
DLFPS-340/3500	6.4	6.9	5.0	5.8	3.7	6.2	4.4	5.4	6.3	6.9	7.2	6.2	5.8
BAR PP 7236V	6.1	5.4	6.4	6.8	4.0	7.5	5.7	5.3	5.8	6.3	6.4	7.3	5.8
BLUE DEVIL	6.4	6.6	6.0	6.5	3.7	5.7	6.1	6.8	5.1	6.2	7.2	6.6	5.8
A11-40	5.7	6.2	5.9	6.8	3.2	6.8	6.1	7.2	5.3	6.4	5.5	7.2	5.8
A10-280	6.1	5.2	6.0	6.3	4.2	6.8	6.3	4.1	5.6	7.0	7.3	7.0	5.8
KH3492	6.2	6.1	6.3	6.2	4.2	7.2	5.9	4.7	5.1	5.7	5.8	7.2	5.7
DLFPS-340/3552	5.8	6.1	6.0	5.6	4.1	5.7	6.3	6.0	6.5	6.0	6.8	5.8	5.7
AKB3128	6.0	5.2	5.6	5.7	4.5	7.3	5.7	5.6	6.0	5.9	6.6	6.8	5.7
BAR PP 79366	6.2	6.9	5.4	6.8	4.3	6.0	4.7	4.0	6.6	6.9	7.2	5.3	5.7
A16-17	5.9	5.9	6.9	5.7	3.5	5.8	5.7	3.2	7.1	6.7	6.4	6.7	5.7
DLFPS-340/3553	6.1	6.6	6.3	5.6	2.9	5.8	6.6	5.6	6.3	6.1	6.8	6.8	5.7
A13-1	6.2	6.1	5.4	6.2	4.2	6.5	5.6	4.0	6.5	7.0	6.8	6.6	5.7
AKB3241	6.2	5.4	5.6	5.3	2.7	7.3	6.7	6.0	5.1	6.3	6.4	6.7	5.7
A16-2	5.9	6.1	6.0	5.9	4.0	6.3	6.2	6.5	4.5	5.1	6.5	7.2	5.7
DLFPS-340/3551	5.8	6.1	5.3	6.1	5.1	5.7	6.1	5.0	5.9	6.6	5.8	5.7	5.6
FINISH LINE (NAI-14-178)	6.8	6.0	6.5	5.5	2.8	7.3	6.1	3.9	4.4	5.5	5.8	6.6	5.6
BAR PP 7K426	5.8	5.5	5.7	6.3	3.7	7.0	6.1	5.3	5.1	6.5	6.3	6.2	5.6
DLFPS-340/3455	5.9	5.2	6.1	5.9	3.8	7.2	6.1	5.0	3.9	5.4	6.1	7.8	5.6
A06-8	6.1	5.6	6.0	5.9	4.1	6.7	6.1	4.6	4.5	5.3	6.5	6.5	5.6
BAR PP 7309V	5.8	5.6	5.1	5.4	3.6	7.2	6.5	5.4	4.4	6.5	5.8	5.9	5.5
A15-6	5.9	5.5	4.8	5.9	4.7	5.7	5.8	4.4	5.8	6.1	7.3	6.9	5.5
PST-K15-172	6.2	5.4	6.1	6.1	3.7	6.1	6.1	6.7	6.1	6.3	6.3	5.3	5.5
RAD-1776	5.6	5.6	6.0	6.3	3.0	7.0	6.1	4.1	3.3	6.3	5.5	7.6	5.5
DLFPS-340/3556	6.4	6.7	6.1	6.1	3.8	5.7	6.1	4.5	6.6	6.4	6.3	4.7	5.5
JERSEY (NAI-A16-3)	6.2	5.7	5.4	6.3	3.9	6.4	6.5	6.0	4.8	5.7	4.7	5.9	5.5
PST-K13-141	5.8	4.9	6.1	5.9	3.8	6.5	5.9	4.8	5.3	6.7	6.7	5.7	5.5
PIVOT	5.9	5.9	5.1	5.7	2.9	6.7	6.3	6.1	4.7	4.6	6.4	6.4	5.5

TABLE 5.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	AR1	CT1	IA1	MI1	NC1	ND1	NE1	NJ1	NJ2	OK1	TN1	VA1	MEAN
ORION (PST-K13-143)	6.4	5.8	5.6	5.4	2.7	6.3	6.7	5.0	4.0	5.4	5.9	6.4	5.5
SELWAY	5.9	4.8	6.4	5.9	3.5	6.3	6.2	5.4	5.0	5.9	6.6	6.1	5.5
AKB3179	5.9	5.5	6.0	6.1	2.7	7.3	6.1	7.0	4.3	6.0	6.0	5.4	5.4
DLFPS-340/3438	5.7	5.7	5.3	6.4	3.8	6.3	5.9	4.4	5.8	6.0	6.2	5.6	5.4
A12-34	6.1	5.6	5.6	5.9	3.9	6.3	6.4	4.2	5.6	6.5	6.5	5.2	5.4
PROSPERITY	6.4	6.3	5.7	5.4	3.6	5.8	5.9	5.1	3.9	4.2	6.2	5.9	5.4
BABE	5.9	6.1	5.5	5.8	3.0	7.2	6.2	4.9	4.3	5.7	5.3	6.4	5.4
YELLOWSTONE (A12-7)	5.9	5.7	5.1	6.5	3.8	7.0	6.1	3.1	3.5	5.7	6.4	6.1	5.4
SHAMROCK	6.2	6.0	5.4	5.5	3.6	6.8	6.1	4.8	3.0	5.4	5.4	7.1	5.3
DLFPS-340/3446	6.2	5.8	5.4	6.1	3.4	5.7	6.1	4.0	4.4	6.2	6.4	5.3	5.3
A16-1	5.5	6.1	5.8	5.2	4.1	6.6	6.4	3.5	2.4	4.3	6.1	7.2	5.3
A16-7	6.4	6.2	5.7	5.5	3.7	5.8	6.1	4.7	4.8	5.6	6.6	5.7	5.3
DLFPS-340/3549	5.8	5.3	6.1	5.9	3.1	6.3	6.3	3.8	4.0	4.6	4.8	6.3	5.3
DLFPS-340/3444	5.3	5.8	5.7	5.8	4.0	5.9	6.0	4.8	3.0	5.4	6.0	6.6	5.3
NAI-14-122	5.7	4.7	5.7	6.1	2.8	6.3	6.3	3.2	4.2	5.4	6.2	6.3	5.2
J-1319	6.4	7.2	5.4	5.5	3.5	5.8	5.9	5.5	4.8	5.0	6.1	5.7	5.2
J-2726	6.3	6.6	5.1	4.7	4.4	6.0	6.1	4.6	4.6	5.5	5.3	4.7	5.2
RAD 553	6.1	5.0	5.4	5.7	3.0	7.2	6.3	2.6	4.1	6.3	6.3	5.7	5.2
DUBLIN (PST-K15-157)	5.6	5.6	6.2	5.9	2.9	7.0	6.3	3.0	3.8	5.9	6.4	6.0	5.2
NAI-14-128	5.9	5.1	6.8	5.7	3.0	6.3	6.2	3.5	4.9	5.5	6.5	5.4	5.2
NEW MOON (PST-K15-177)	6.3	6.7	5.0	4.9	2.9	6.0	6.5	6.3	3.0	5.6	6.5	4.8	5.2
PST-T14-39	6.4	5.4	5.7	4.7	3.6	6.8	6.2	3.3	5.3	6.0	6.7	5.1	5.2
MVS-130	5.8	4.3	5.4	5.1	3.2	6.2	5.9	3.9	4.1	5.6	6.6	6.0	5.2
BAR PP 71213	6.0	5.7	5.8	5.8	3.6	7.2	5.1	3.6	4.8	7.0	5.8	4.8	5.2
HEARTLAND (NAI-14-187)	5.6	4.4	5.8	5.3	3.4	6.3	6.0	3.2	4.5	5.6	6.0	6.5	5.2
NK-1	5.5	5.7	5.6	5.7	2.6	5.9	5.7	2.6	5.3	6.3	6.7	5.1	5.1
PST-K15-167	6.4	5.2	6.0	5.0	3.6	7.0	5.5	5.4	4.7	5.8	6.1	5.6	5.1
NAI-15-80	5.8	6.6	6.2	5.3	3.3	7.5	6.2	2.7	4.5	6.2	6.3	5.2	5.1
DLFPS-340/3548	5.9	5.2	5.9	5.5	2.9	6.3	6.1	3.2	4.1	4.7	5.3	6.1	5.1
PALOMA (PST-K13-139)	6.1	5.3	5.3	5.8	3.4	6.2	6.3	3.2	2.2	4.8	6.4	5.7	5.1
PST-11-7	6.2	6.9	5.2	4.4	3.0	7.0	5.3	5.5	3.1	5.3	5.0	5.7	5.1
DLFPS-340/3364	5.3	6.1	5.7	5.1	3.8	6.2	5.9	3.2	4.2	6.6	6.8	5.4	5.1
AMAZE (NAI-14-133)	5.9	4.6	6.1	5.5	2.8	6.2	6.0	3.1	4.9	5.0	6.3	5.7	5.0
AVIATOR II (NAI-15-84)	5.8	5.9	5.2	5.2	2.6	6.3	6.3	4.0	3.1	4.7	6.2	5.6	5.0
COMANCHE (NAI-14-176)	5.9	4.4	5.9	5.5	2.8	7.2	6.2	3.4	4.4	4.3	5.6	5.9	5.0
NAI-14-132	5.4	4.9	5.9	6.1	2.8	6.2	6.1	2.6	4.8	4.3	6.3	4.9	5.0
A11-38	6.1	4.7	5.9	6.0	2.5	6.3	5.9	2.4	3.0	4.7	5.5	5.2	5.0
DLFPS-340/3494	6.0	5.3	4.5	4.3	3.5	6.5	5.9	3.9	1.6	6.0	6.9	5.0	4.9
PPG-KB 1320	6.0	5.8	5.8	5.2	2.5	6.3	5.9	4.9	1.3	3.4	4.7	4.9	4.9
KENBLUE	5.4	4.0	6.8	5.5	2.9	5.8	5.0	3.4	3.0	4.8	6.1	6.3	4.9
BLUE KNIGHT	6.1	5.8	4.9	4.6	2.3	6.0	5.6	2.2	3.0	5.9	5.5	5.1	4.8
LSD VALUE	0.6	0.8	1.4	1.0	1.1	0.1	0.6	1.4	0.9	1.2	1.1	1.5	0.2
C.V. (%)	6.3	8.7	14.6	11.2	19.0	0.7	5.7	17.3	11.5	12.6	10.6	15.3	12.5

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

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

3/ SCHEDULE A: MEDIUM MAINTENANCE 1.5-2.5 "MOWING HEIGHT, 3-4 LBS/N/1000 FT<sup>2</sup>/YEAR, IRRIGATION TO PREVENT STRESS OR DORMANCY.

TABLE 6.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIVE LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	KY1	MD1	MN1	UT1	MEAN
BOMBAY (GO-22B23)	6.3	6.0	6.4	4.5	6.2	5.9
STARR (GO-2628)	6.3	6.2	6.6	4.5	5.3	5.8
CLOUD (GO-2425)	6.0	5.9	6.7	4.7	5.6	5.8
SKYE	6.3	6.1	6.2	4.5	5.3	5.7
DLFPS-340/3500	6.3	6.0	6.5	4.6	4.9	5.7
DLFPS-340/3552	6.3	5.8	6.4	4.3	5.5	5.7
BARSERATI (BAR PP 110358)	6.4	6.1	6.7	5.0	4.0	5.6
ELECTRIC (PST-K11-118)	6.3	6.0	6.5	5.1	4.3	5.6
BLUE GEM (NAI-13-9)	5.0	6.5	7.0	4.5	5.1	5.6
BAR PP 79366	6.2	6.2	7.0	3.9	4.8	5.6
SYRAH (LTP-11-41)	6.0	6.0	6.4	4.9	4.7	5.6
AKB3241	5.9	6.0	6.1	4.5	5.3	5.6
PROSPERITY	5.2	6.4	6.6	5.1	4.7	5.6
ORION (PST-K13-143)	6.3	5.8	5.9	4.5	5.4	5.6
DLFPS-340/3550	5.6	5.7	6.5	4.3	5.7	5.6
DLFPS-340/3551	6.1	5.6	5.5	5.2	5.0	5.5
A11-26	6.2	6.0	5.9	4.5	4.8	5.5
RAD-1776	6.1	5.8	5.8	4.9	4.7	5.5
NURUSH (J-3510)	5.2	6.2	6.6	4.7	4.5	5.4
PPG-KB 1304	6.3	6.0	6.7	3.6	4.5	5.4
NAI-14-122	4.9	6.0	6.4	4.7	5.0	5.4
A99-2897	5.7	6.0	6.3	4.5	4.3	5.4
UNITED (NAI-13-14)	5.0	6.5	6.2	4.3	4.9	5.4
FINISH LINE (NAI-14-178)	4.8	6.3	6.1	4.5	5.2	5.4
PPG-KB 1131	5.1	5.7	7.2	3.9	4.9	5.3
YELLOWSTONE (A12-7)	5.6	5.3	6.2	4.8	4.7	5.3
A06-8	5.3	5.9	6.5	4.1	4.7	5.3
MVS-130	5.5	5.7	6.0	4.5	4.7	5.3
AKB3128	5.8	5.5	5.7	5.3	4.1	5.3
JERSEY (NAI-A16-3)	6.0	5.8	6.6	3.7	4.3	5.3
DLFPS-340/3553	5.6	5.6	5.7	4.9	4.4	5.2
A10-280	6.3	5.4	5.5	5.4	3.6	5.2
J-1138	5.4	6.1	7.0	4.4	3.3	5.2
A13-1	5.8	5.7	5.6	3.9	5.3	5.2
MIDNIGHT	5.1	5.7	7.0	4.7	3.8	5.2
DLFPS-340/3548	5.4	5.9	5.4	4.9	4.6	5.2
PST-K15-172	6.0	6.1	5.4	4.5	4.1	5.2
NAI-14-132	5.3	5.6	6.1	4.3	4.7	5.2
A16-1	5.0	5.8	6.0	4.7	4.5	5.2
BLUE DEVIL	5.4	6.3	6.4	3.9	4.0	5.2
A16-17	6.5	5.0	6.5	3.9	4.1	5.2
PST-K13-141	6.0	5.5	5.2	4.6	4.7	5.2
DLFPS-340/3438	6.3	5.3	5.4	4.7	4.3	5.2
A11-38	4.8	6.0	6.4	4.4	4.4	5.2
DLFPS-340/3549	6.0	5.4	5.5	4.7	4.2	5.2
NEW MOON (PST-K15-177)	4.6	5.3	6.8	4.9	4.4	5.2
PPG-KB 1320	4.5	5.7	6.3	5.1	4.2	5.2
PALOMA (PST-K13-139)	5.8	5.6	5.7	4.3	4.5	5.2

TABLE 6.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIVE LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	KY1	MD1	MN1	UT1	MEAN
DLFPS-340/3446	5.6	5.8	5.5	3.9	4.9	5.2
AKB3179	6.3	5.8	5.8	4.3	3.5	5.2
KH3492	5.4	5.5	6.4	4.4	4.1	5.2
BAR PP 79494	4.9	5.7	7.1	4.0	3.9	5.1
PIVOT	5.0	5.4	5.5	3.9	5.7	5.1
DUBLIN (PST-K15-157)	4.8	5.5	6.0	5.9	3.4	5.1
TWILIGHT (NAI-13-132)	4.6	6.2	6.1	3.9	4.8	5.1
A16-2	5.2	5.8	6.0	3.9	4.7	5.1
NK-1	5.8	5.3	5.7	4.1	4.5	5.1
BAR PP 7309V	6.0	5.1	5.6	3.7	5.0	5.1
HEARTLAND (NAI-14-187)	4.7	5.5	5.7	4.3	5.3	5.1
A12-34	5.5	5.5	6.3	3.3	4.8	5.1
DLFPS-340/3455	5.7	5.2	5.3	4.9	4.3	5.1
BABE	5.0	6.1	6.4	3.4	4.3	5.0
A11-40	4.7	5.6	6.1	4.1	4.7	5.0
SELWAY	5.8	6.0	5.0	4.0	4.3	5.0
RAD 553	5.5	5.6	4.6	4.3	4.9	5.0
BAR PP 7K426	5.6	4.9	6.0	3.7	4.8	5.0
COMANCHE (NAI-14-176)	5.3	5.3	6.0	4.4	4.1	5.0
NAI-14-128	5.3	4.9	6.6	3.9	4.1	5.0
DLFPS-340/3556	5.2	5.7	6.3	3.3	4.3	5.0
A15-6	5.4	5.3	5.0	4.2	4.9	5.0
AVIATOR II (NAI-15-84)	4.4	5.5	5.5	4.3	5.1	4.9
AMAZE (NAI-14-133)	5.2	4.8	5.8	4.8	4.2	4.9
BARVETTE HGT®	6.0	5.4	5.2	3.5	4.4	4.9
BAR PP 7236V	5.7	5.0	5.6	4.1	4.1	4.9
DLFPS-340/3444	4.9	6.0	5.2	4.1	4.2	4.9
SHAMROCK	4.6	5.2	5.3	4.7	4.4	4.8
PST-T14-39	5.3	5.0	4.6	5.3	4.2	4.8
AFTER MIDNIGHT	4.2	5.3	7.2	3.7	3.8	4.8
J-2726	4.7	5.7	7.1	3.8	2.8	4.8
A16-7	4.7	5.8	6.2	3.8	3.4	4.8
BLUE KNIGHT	4.5	5.8	5.4	4.1	3.8	4.7
NAI-15-80	4.3	4.6	5.7	4.5	4.4	4.7
BAR PP 71213	5.6	4.7	4.6	3.8	4.2	4.6
DLFPS-340/3364	4.5	5.3	5.1	4.1	3.1	4.4
DLFPS-340/3494	3.1	4.1	5.7	4.1	4.9	4.4
PST-11-7	5.4	4.8	5.3	3.7	2.6	4.4
J-1319	3.7	6.1	5.8	3.3	2.9	4.4
KENBLUE	5.2	5.1	4.0	4.1	3.3	4.4
PST-K15-167	4.7	5.5	5.0	3.9	2.4	4.3
LSD VALUE	0.6	0.9	1.2	1.5	1.7	0.5
C.V. (%)	7.1	9.5	12.2	20.9	24.0	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.

\* SCHEDULE B: LOW MAINTENANCE 2.5-3.5" MOWING HEIGHT, 1LB.N/1000 FT<sup>2</sup>/YEAR, NO IRRIGATION AFTER ESTABLISHMENT (IN UTAH, 50-60% OF ET<sub>0</sub>)

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE NORTHEAST REGION  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
BOMBAY (GO-22B23)	6.1	7.8	6.9	6.9
AFTER MIDNIGHT	7.2	7.0	6.0	6.8
CLOUD (GO-2425)	6.5	6.9	6.8	6.7
STARR (GO-2628)	5.9	7.5	6.6	6.7
PPG-KB 1131	7.1	6.8	6.0	6.6
SKYE	5.6	7.3	6.8	6.6
NURUSH (J-3510)	7.1	6.5	6.0	6.5
J-1138	7.1	6.2	6.2	6.5
MIDNIGHT	7.1	6.6	5.8	6.5
BLUE GEM (NAI-13-9)	6.8	6.8	5.7	6.5
BARSERATI (BAR PP 110358)	6.0	6.2	6.9	6.4
SYRAH (LTP-11-41)	6.3	6.0	6.7	6.3
A11-40	6.2	7.2	5.3	6.2
DLFPS-340/3550	6.4	5.9	6.5	6.2
DLFPS-340/3500	6.9	5.4	6.3	6.2
DLFPS-340/3552	6.1	6.0	6.5	6.2
BLUE DEVIL	6.6	6.8	5.1	6.2
DLFPS-340/3553	6.6	5.6	6.3	6.2
BAR PP 79494	6.8	5.8	5.7	6.1
PST-K15-172	5.4	6.7	6.1	6.1
PPG-KB 1304	5.9	5.2	7.0	6.0
TWILIGHT (NAI-13-132)	6.4	6.4	5.0	6.0
DLFPS-340/3556	6.7	4.5	6.6	5.9
UNITED (NAI-13-14)	6.8	5.6	5.2	5.9
J-1319	7.2	5.5	4.8	5.8
BAR PP 79366	6.9	4.0	6.6	5.8
A11-26	5.6	5.1	6.8	5.8
A99-2897	6.2	4.3	6.7	5.7
A16-2	6.1	6.5	4.5	5.7
DLFPS-340/3551	6.1	5.0	5.9	5.6
AKB3179	5.5	7.0	4.3	5.6
AKB3128	5.2	5.6	6.0	5.6
PIVOT	5.9	6.1	4.7	5.6
ELECTRIC (PST-K11-118)	6.0	5.2	5.5	5.6
BARVETTE HGT®	4.9	5.9	5.8	5.6
A13-1	6.1	4.0	6.5	5.5
AKB3241	5.4	6.0	5.1	5.5
JERSEY (NAI-A16-3)	5.7	6.0	4.8	5.5
BAR PP 7236V	5.4	5.3	5.8	5.5
A16-17	5.9	3.2	7.1	5.4
NEW MOON (PST-K15-177)	6.7	6.3	3.0	5.3
BAR PP 7K426	5.5	5.3	5.1	5.3
DLFPS-340/3438	5.7	4.4	5.8	5.3
J-2726	6.6	4.6	4.6	5.3
KH3492	6.1	4.7	5.1	5.3
A15-6	5.5	4.4	5.8	5.2
A16-7	6.2	4.7	4.8	5.2
PST-11-7	6.9	5.5	3.1	5.2

TABLE 7.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE NORTHEAST REGION  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	CT1	NJ1	NJ2	MEAN
BAR PP 7309V	5.6	5.4	4.4	5.1
A12-34	5.6	4.2	5.6	5.1
PROSPERITY	6.3	5.1	3.9	5.1
PST-K15-167	5.2	5.4	4.7	5.1
BABE	6.1	4.9	4.3	5.1
SELWAY	4.8	5.4	5.0	5.1
PST-K13-141	4.9	4.8	5.3	5.0
A10-280	5.2	4.1	5.6	5.0
ORION (PST-K13-143)	5.8	5.0	4.0	4.9
A06-8	5.6	4.6	4.5	4.9
FINISH LINE (NAI-14-178)	6.0	3.9	4.4	4.8
DLFPS-340/3446	5.8	4.0	4.4	4.7
DLFPS-340/3455	5.2	5.0	3.9	4.7
BAR PP 71213	5.7	3.6	4.8	4.7
PST-T14-39	5.4	3.3	5.3	4.7
SHAMROCK	6.0	4.8	3.0	4.6
NAI-15-80	6.6	2.7	4.5	4.6
NK-1	5.7	2.6	5.3	4.5
DLFPS-340/3364	6.1	3.2	4.2	4.5
DLFPS-340/3444	5.8	4.8	3.0	4.5
NAI-14-128	5.1	3.5	4.9	4.5
DLFPS-340/3549	5.3	3.8	4.0	4.4
RAD-1776	5.6	4.1	3.3	4.3
AVIATOR II (NAI-15-84)	5.9	4.0	3.1	4.3
AMAZE (NAI-14-133)	4.6	3.1	4.9	4.2
DLFPS-340/3548	5.2	3.2	4.1	4.2
YELLOWSTONE (A12-7)	5.7	3.1	3.5	4.1
DUBLIN (PST-K15-157)	5.6	3.0	3.8	4.1
MVS-130	4.3	3.9	4.1	4.1
NAI-14-132	4.9	2.6	4.8	4.1
COMANCHE (NAI-14-176)	4.4	3.4	4.4	4.1
HEARTLAND (NAI-14-187)	4.4	3.2	4.5	4.1
NAI-14-122	4.7	3.2	4.2	4.1
A16-1	6.1	3.5	2.4	4.0
PPG-KB 1320	5.8	4.9	1.3	4.0
RAD 553	5.0	2.6	4.1	3.9
BLUE KNIGHT	5.8	2.2	3.0	3.7
DLFPS-340/3494	5.3	3.9	1.6	3.6
PALOMA (PST-K13-139)	5.3	3.2	2.2	3.6
KENBLUE	4.0	3.4	3.0	3.5
A11-38	4.7	2.4	3.0	3.3
LSD VALUE	0.8	1.4	0.9	0.6
C.V. (%)	8.7	17.3	11.5	12.5

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SEVEN LOCATIONS 1/  
IN THE TRANSITION REGION  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							MEAN
	AR1	KY1	MD1	NC1	OK1	TN1	VA1	
STARR (GO-2628)	6.4	6.2	6.6	4.6	7.2	7.3	8.1	6.6
CLOUD (GO-2425)	6.7	5.9	6.7	5.2	6.8	7.4	7.2	6.5
BOMBAY (GO-22B23)	6.5	6.0	6.4	4.9	6.6	7.3	7.9	6.5
PPG-KB 1131	6.9	5.7	7.2	4.7	6.8	7.2	6.8	6.5
BAR PP 79494	6.9	5.7	7.1	4.5	6.8	7.3	6.7	6.4
PPG-KB 1304	6.1	6.0	6.7	4.4	6.3	7.0	8.4	6.4
BARSERATI (BAR PP 110358)	6.1	6.1	6.7	5.1	7.3	6.4	7.1	6.4
J-1138	6.6	6.1	7.0	4.5	6.7	6.8	7.0	6.4
AFTER MIDNIGHT	7.2	5.3	7.2	4.4	6.8	7.6	6.1	6.4
ELECTRIC (PST-K11-118)	6.3	6.0	6.5	4.9	6.5	6.7	7.3	6.3
SKYE	6.4	6.1	6.2	4.4	6.3	6.9	7.7	6.3
UNITED (NAI-13-14)	6.6	6.5	6.2	4.5	6.7	7.4	6.1	6.3
BLUE GEM (NAI-13-9)	6.3	6.5	7.0	4.1	6.8	7.1	6.0	6.3
BARVETTE HGT®	6.1	5.4	5.2	4.6	6.9	7.1	7.9	6.2
DLFPS-340/3550	6.3	5.7	6.5	5.0	6.1	7.2	6.5	6.2
MIDNIGHT	6.9	5.7	7.0	3.9	6.5	6.7	6.6	6.2
BAR PP 79366	6.2	6.2	7.0	4.3	6.9	7.2	5.3	6.1
DLFPS-340/3500	6.4	6.0	6.5	3.7	6.9	7.2	6.2	6.1
A11-26	6.0	6.0	5.9	4.2	7.0	6.6	7.2	6.1
BLUE DEVIL	6.4	6.3	6.4	3.7	6.2	7.2	6.6	6.1
NURUSH (J-3510)	6.7	6.2	6.6	4.1	6.6	6.9	5.4	6.1
A10-280	6.1	5.4	5.5	4.2	7.0	7.3	7.0	6.1
A99-2897	6.2	6.0	6.3	4.2	6.2	7.0	6.6	6.1
TWILIGHT (NAI-13-132)	6.5	6.2	6.1	3.7	5.9	6.6	7.1	6.0
A13-1	6.2	5.7	5.6	4.2	7.0	6.8	6.6	6.0
A15-6	5.9	5.3	5.0	4.7	6.1	7.3	6.9	5.9
AKB3128	6.0	5.5	5.7	4.5	5.9	6.6	6.8	5.9
KH3492	6.2	5.5	6.4	4.2	5.7	5.8	7.2	5.8
A06-8	6.1	5.9	6.5	4.1	5.3	6.5	6.5	5.8
BAR PP 7236V	6.1	5.0	5.6	4.0	6.3	6.4	7.3	5.8
A16-17	5.9	5.0	6.5	3.5	6.7	6.4	6.7	5.8
DLFPS-340/3552	5.8	5.8	6.4	4.1	6.0	6.8	5.8	5.8
AKB3241	6.2	6.0	6.1	2.7	6.3	6.4	6.7	5.8
A16-2	5.9	5.8	6.0	4.0	5.1	6.5	7.2	5.8
DLFPS-340/3551	5.8	5.6	5.5	5.1	6.6	5.8	5.7	5.7
DLFPS-340/3553	6.1	5.6	5.7	2.9	6.1	6.8	6.8	5.7
A16-7	6.4	5.8	6.2	3.7	5.6	6.6	5.7	5.7
FINISH LINE (NAI-14-178)	6.8	6.3	6.1	2.8	5.5	5.8	6.6	5.7
A12-34	6.1	5.5	6.3	3.9	6.5	6.5	5.2	5.7
SYRAH (LTP-11-41)	6.1	6.0	6.4	2.7	6.1	5.6	7.1	5.7
A11-40	5.7	5.6	6.1	3.2	6.4	5.5	7.2	5.7
DLFPS-340/3556	6.4	5.7	6.3	3.8	6.4	6.3	4.7	5.7
RAD-1776	5.6	5.8	5.8	3.0	6.3	5.5	7.6	5.6
BAR PP 7K426	5.8	4.9	6.0	3.7	6.5	6.3	6.2	5.6
PST-K15-172	6.2	6.1	5.4	3.7	6.3	6.3	5.3	5.6
YELLOWSTONE (A12-7)	5.9	5.3	6.2	3.8	5.7	6.4	6.1	5.6
DLFPS-340/3455	5.9	5.2	5.3	3.8	5.4	6.1	7.8	5.6
PST-K13-141	5.8	5.5	5.2	3.8	6.7	6.7	5.7	5.6



TABLE 8.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SEVEN LOCATIONS 1/  
IN THE TRANSITION REGION  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							MEAN
	AR1	KY1	MD1	NC1	OK1	TN1	VA1	
PROSPERITY	6.4	6.4	6.6	3.6	4.2	6.2	5.9	5.6
J-2726	6.3	5.7	7.1	4.4	5.5	5.3	4.7	5.6
SELWAY	5.9	6.0	5.0	3.5	5.9	6.6	6.1	5.6
A16-1	5.5	5.8	6.0	4.1	4.3	6.1	7.2	5.6
BABE	5.9	6.1	6.4	3.0	5.7	5.3	6.4	5.6
MVS-130	5.8	5.7	6.0	3.2	5.6	6.6	6.0	5.6
DLFPS-340/3446	6.2	5.8	5.5	3.4	6.2	6.4	5.3	5.5
JERSEY (NAI-A16-3)	6.2	5.8	6.6	3.9	5.7	4.7	5.9	5.5
NAI-14-122	5.7	6.0	6.4	2.8	5.4	6.2	6.3	5.5
ORION (PST-K13-143)	6.4	5.8	5.9	2.7	5.4	5.9	6.4	5.5
J-1319	6.4	6.1	5.8	3.5	5.0	6.1	5.7	5.5
DLFPS-340/3444	5.3	6.0	5.2	4.0	5.4	6.0	6.6	5.5
DLFPS-340/3364	5.3	5.3	5.1	3.8	6.6	6.8	5.4	5.5
BAR PP 7309V	5.8	5.1	5.6	3.6	6.5	5.8	5.9	5.5
SHAMROCK	6.2	5.2	5.3	3.6	5.4	5.4	7.1	5.5
HEARTLAND (NAI-14-187)	5.6	5.5	5.7	3.4	5.6	6.0	6.5	5.5
DUBLIN (PST-K15-157)	5.6	5.5	6.0	2.9	5.9	6.4	6.0	5.4
NEW MOON (PST-K15-177)	6.3	5.3	6.8	2.9	5.6	6.5	4.8	5.4
PST-K15-167	6.4	5.5	5.0	3.6	5.8	6.1	5.6	5.4
DLFPS-340/3438	5.7	5.3	5.4	3.8	6.0	6.2	5.6	5.4
AKB3179	5.9	5.8	5.8	2.7	6.0	6.0	5.4	5.4
NAI-14-128	5.9	4.9	6.6	3.0	5.5	6.5	5.4	5.4
RAD 553	6.1	5.6	4.6	3.0	6.3	6.3	5.7	5.4
PALOMA (PST-K13-139)	6.1	5.6	5.7	3.4	4.8	6.4	5.7	5.4
PST-T14-39	6.4	5.0	4.6	3.6	6.0	6.7	5.1	5.3
DLFPS-340/3494	6.0	4.1	5.7	3.5	6.0	6.9	5.0	5.3
NK-1	5.5	5.3	5.7	2.6	6.3	6.7	5.1	5.3
PIVOT	5.9	5.4	5.5	2.9	4.6	6.4	6.4	5.3
NAI-15-80	5.8	4.6	5.7	3.3	6.2	6.3	5.2	5.3
BAR PP 71213	6.0	4.7	4.6	3.6	7.0	5.8	4.8	5.2
AMAZE (NAI-14-133)	5.9	4.8	5.8	2.8	5.0	6.3	5.7	5.2
DLFPS-340/3548	5.9	5.9	5.4	2.9	4.7	5.3	6.1	5.2
A11-38	6.1	6.0	6.4	2.5	4.7	5.5	5.2	5.2
BLUE KNIGHT	6.1	5.8	5.4	2.3	5.9	5.5	5.1	5.2
AVIATOR II (NAI-15-84)	5.8	5.5	5.5	2.6	4.7	6.2	5.6	5.1
COMANCHE (NAI-14-176)	5.9	5.3	6.0	2.8	4.3	5.6	5.9	5.1
DLFPS-340/3549	5.8	5.4	5.5	3.1	4.6	4.8	6.3	5.1
NAI-14-132	5.4	5.6	6.1	2.8	4.3	6.3	4.9	5.1
PST-11-7	6.2	4.8	5.3	3.0	5.3	5.0	5.7	5.0
KENBLUE	5.4	5.1	4.0	2.9	4.8	6.1	6.3	5.0
PPG-KB 1320	6.0	5.7	6.3	2.5	3.4	4.7	4.9	4.8
LSD VALUE	0.6	0.9	1.2	1.1	1.2	1.1	1.5	0.4
C.V. (%)	6.3	9.5	12.2	19.0	12.6	10.6	15.3	12.2

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

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

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						MEAN
	IA1	IN1	MI1	MN1	ND1	NE1	
A10-280	6.0	6.3	6.3	5.4	6.8	6.3	6.2
SYRAH (LTP-11-41)	6.8	6.0	6.1	4.9	6.3	6.7	6.1
RAD-1776	6.0	6.1	6.3	4.9	7.0	6.1	6.1
BARVETTE HGT®	7.2	6.0	6.6	3.5	7.2	5.8	6.1
BAR PP 7236V	6.4	5.7	6.8	4.1	7.5	5.7	6.1
BARSERATI (BAR PP 110358)	4.8	6.4	6.6	5.0	7.0	6.5	6.0
ELECTRIC (PST-K11-118)	5.3	6.3	6.8	5.1	6.3	6.5	6.0
STARR (GO-2628)	6.9	6.3	6.1	4.5	6.3	6.0	6.0
DUBLIN (PST-K15-157)	6.2	4.8	5.9	5.9	7.0	6.3	6.0
AKB3179	6.0	6.3	6.1	4.3	7.3	6.1	6.0
A99-2897	6.7	5.7	6.0	4.5	6.5	6.5	6.0
PPG-KB 1304	6.7	6.3	6.9	3.6	6.0	6.4	6.0
DLFPS-340/3455	6.1	5.7	5.9	4.9	7.2	6.1	6.0
AKB3128	5.6	5.8	5.7	5.3	7.3	5.7	5.9
DLFPS-340/3549	6.1	6.0	5.9	4.7	6.3	6.3	5.9
AKB3241	5.6	5.9	5.3	4.5	7.3	6.7	5.9
KH3492	6.3	5.4	6.2	4.4	7.2	5.9	5.9
SKYE	6.1	6.3	6.5	4.5	6.0	5.9	5.9
MIDNIGHT	6.6	5.1	5.9	4.7	6.7	6.3	5.9
YELLOWSTONE (A12-7)	5.1	5.6	6.5	4.8	7.0	6.1	5.9
PST-K15-172	6.1	6.0	6.1	4.5	6.1	6.1	5.8
PST-K13-141	6.1	6.0	5.9	4.6	6.5	5.9	5.8
DLFPS-340/3438	5.3	6.3	6.4	4.7	6.3	5.9	5.8
J-1138	6.2	5.4	5.5	4.4	7.0	6.4	5.8
BOMBAY (GO-22B23)	6.0	6.3	6.6	4.5	6.0	5.5	5.8
DLFPS-340/3553	6.3	5.6	5.6	4.9	5.8	6.6	5.8
ORION (PST-K13-143)	5.6	6.3	5.4	4.5	6.3	6.7	5.8
FINISH LINE (NAI-14-178)	6.5	4.8	5.5	4.5	7.3	6.1	5.8
CLOUD (GO-2425)	5.8	6.0	6.1	4.7	6.0	6.0	5.8
A16-17	6.9	6.5	5.7	3.9	5.8	5.7	5.8
SELWAY	6.4	5.8	5.9	4.0	6.3	6.2	5.8
DLFPS-340/3551	5.3	6.1	6.1	5.2	5.7	6.1	5.8
A11-26	5.9	6.2	5.6	4.5	5.8	6.6	5.8
BAR PP 7K426	5.7	5.6	6.3	3.7	7.0	6.1	5.7
COMANCHE (NAI-14-176)	5.9	5.3	5.5	4.4	7.2	6.2	5.7
UNITED (NAI-13-14)	6.2	5.0	6.1	4.3	6.3	6.5	5.7
A11-40	5.9	4.7	6.8	4.1	6.8	6.1	5.7
RAD 553	5.4	5.5	5.7	4.3	7.2	6.3	5.7
NAI-14-128	6.8	5.3	5.7	3.9	6.3	6.2	5.7
JERSEY (NAI-A16-3)	5.4	6.0	6.3	3.7	6.4	6.5	5.7
DLFPS-340/3548	5.9	5.4	5.5	4.9	6.3	6.1	5.7
BAR PP 79494	6.6	4.9	5.0	4.0	7.2	6.5	5.7
DLFPS-340/3552	6.0	6.3	5.6	4.3	5.7	6.3	5.7
A06-8	6.0	5.3	5.9	4.1	6.7	6.1	5.7
NAI-14-122	5.7	4.9	6.1	4.7	6.3	6.3	5.7
NAI-15-80	6.2	4.3	5.3	4.5	7.5	6.2	5.7
BLUE GEM (NAI-13-9)	5.5	5.0	5.5	4.5	7.2	6.3	5.7
NAI-14-132	5.9	5.3	6.1	4.3	6.2	6.1	5.7

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IN1	MI1	MN1	ND1	NE1	MEAN
NURUSH (J-3510)	5.9	5.2	5.9	4.7	6.0	6.4	5.7
PST-T14-39	5.7	5.3	4.7	5.3	6.8	6.2	5.7
TWILIGHT (NAI-13-132)	6.4	4.6	5.6	3.9	7.0	6.4	5.6
BAR PP 7309V	5.1	6.0	5.4	3.7	7.2	6.5	5.6
AMAZE (NAI-14-133)	6.1	5.2	5.5	4.8	6.2	6.0	5.6
A16-1	5.8	5.0	5.2	4.7	6.6	6.4	5.6
PALOMA (PST-K13-139)	5.3	5.8	5.8	4.3	6.2	6.3	5.6
BLUE DEVIL	6.0	5.4	6.5	3.9	5.7	6.1	5.6
A16-2	6.0	5.2	5.9	3.9	6.3	6.2	5.6
A13-1	5.4	5.8	6.2	3.9	6.5	5.6	5.6
BAR PP 71213	5.8	5.6	5.8	3.8	7.2	5.1	5.5
A11-38	5.9	4.8	6.0	4.4	6.3	5.9	5.5
DLFPS-340/3550	6.0	5.6	5.5	4.3	5.6	6.1	5.5
PROSPERITY	5.7	5.2	5.4	5.1	5.8	5.9	5.5
SHAMROCK	5.4	4.6	5.5	4.7	6.8	6.1	5.5
BABE	5.5	5.0	5.8	3.4	7.2	6.2	5.5
A12-34	5.6	5.5	5.9	3.3	6.3	6.4	5.5
BAR PP 79366	5.4	6.2	6.8	3.9	6.0	4.7	5.5
PPG-KB 1131	5.3	5.1	6.0	3.9	6.1	6.5	5.5
PIVOT	5.1	5.0	5.7	3.9	6.7	6.3	5.5
NK-1	5.6	5.8	5.7	4.1	5.9	5.7	5.5
PPG-KB 1320	5.8	4.5	5.2	5.1	6.3	5.9	5.5
DLFPS-340/3446	5.4	5.6	6.1	3.9	5.7	6.1	5.5
MVS-130	5.4	5.5	5.1	4.5	6.2	5.9	5.4
DLFPS-340/3556	6.1	5.2	6.1	3.3	5.7	6.1	5.4
DLFPS-340/3444	5.7	4.9	5.8	4.1	5.9	6.0	5.4
KENBLUE	6.8	5.2	5.5	4.1	5.8	5.0	5.4
HEARTLAND (NAI-14-187)	5.8	4.7	5.3	4.3	6.3	6.0	5.4
DLFPS-340/3500	5.0	6.3	5.8	4.6	6.2	4.4	5.4
PST-K15-167	6.0	4.7	5.0	3.9	7.0	5.5	5.3
NEW MOON (PST-K15-177)	5.0	4.6	4.9	4.9	6.0	6.5	5.3
A15-6	4.8	5.4	5.9	4.2	5.7	5.8	5.3
AVIATOR II (NAI-15-84)	5.2	4.4	5.2	4.3	6.3	6.3	5.3
A16-7	5.7	4.7	5.5	3.8	5.8	6.1	5.3
DLFPS-340/3364	5.7	4.5	5.1	4.1	6.2	5.9	5.3
PST-11-7	5.2	5.4	4.4	3.7	7.0	5.3	5.2
AFTER MIDNIGHT	4.4	4.2	5.1	3.7	7.2	6.3	5.1
J-2726	5.1	4.7	4.7	3.8	6.0	6.1	5.1
BLUE KNIGHT	4.9	4.5	4.6	4.1	6.0	5.6	4.9
J-1319	5.4	3.7	5.5	3.3	5.8	5.9	4.9
DLFPS-340/3494	4.5	3.1	4.3	4.1	6.5	5.9	4.7
LSD VALUE	1.4	0.6	1.0	1.5	0.1	0.6	0.4
C.V. (%)	14.6	7.1	11.2	20.9	0.7	5.7	10.8

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

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

TABLE 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/ 2020 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BOMBAY (GO-22B23)	7.3	6.7	4.3	5.7	6.0	7.0	6.2
DLFPS-340/3550	5.0	6.7	5.7	5.0	5.0	6.7	5.7
PIVOT	6.3	6.0	4.7	5.0	5.3	6.7	5.7
CLOUD (GO-2425)	6.3	6.7	4.3	4.0	5.3	6.7	5.6
DLFPS-340/3552	4.7	6.0	5.0	5.3	5.3	6.7	5.5
ORION (PST-K13-143)	5.3	6.0	5.0	5.0	5.0	6.0	5.4
AKB3241	5.3	6.0	4.7	4.7	5.0	6.3	5.3
HEARTLAND (NAI-14-187)	4.0	5.7	4.7	5.3	5.7	6.7	5.3
SKYE	7.0	5.7	3.7	4.3	5.0	6.3	5.3
STARR (GO-2628)	5.7	6.0	4.0	4.3	5.3	6.7	5.3
A13-1	5.7	6.3	4.7	4.7	4.3	6.0	5.3
FINISH LINE (NAI-14-178)	4.3	6.0	4.0	4.7	5.3	6.7	5.2
AVIATOR II (NAI-15-84)	5.3	5.3	5.0	4.7	4.7	5.7	5.1
BLUE GEM (NAI-13-9)	4.0	6.3	4.0	4.7	5.0	6.7	5.1
BAR PP 7309V	5.3	5.3	4.7	4.7	4.7	5.3	5.0
DLFPS-340/3551	5.3	6.3	3.7	4.0	4.7	6.0	5.0
NAI-14-122	4.3	6.0	4.3	3.7	5.3	6.3	5.0
UNITED (NAI-13-14)	3.7	4.7	4.0	5.0	5.3	7.0	4.9
DLFPS-340/3446	6.0	6.0	4.7	4.0	3.7	5.3	4.9
DLFPS-340/3494	3.7	6.3	4.0	4.0	5.0	6.7	4.9
A15-6	4.7	5.3	4.7	4.7	4.7	5.3	4.9
DLFPS-340/3500	4.3	5.7	4.7	4.7	4.0	6.0	4.9
PPG-KB 1131	4.3	5.3	3.7	4.0	5.0	7.0	4.9
RAD 553	6.7	6.0	4.3	4.0	3.7	4.7	4.9
A12-34	5.0	6.3	4.7	4.0	4.0	5.0	4.8
A11-26	5.0	6.3	4.3	4.3	3.7	5.0	4.8
BAR PP 79366	3.7	5.7	4.7	4.7	4.3	5.7	4.8
BAR PP 7K426	5.0	5.7	4.3	4.0	4.0	5.7	4.8
TWILIGHT (NAI-13-132)	4.7	6.3	3.0	3.3	5.0	6.3	4.8
A11-40	6.0	5.0	3.7	3.3	4.7	5.7	4.7
MVS-130	3.7	5.7	4.0	4.7	4.7	5.7	4.7
NAI-14-132	3.0	5.3	4.3	4.3	4.7	6.7	4.7
PST-K13-141	5.0	5.7	4.0	4.3	4.0	5.3	4.7
RAD-1776	5.3	5.7	3.7	3.7	4.7	5.3	4.7
A06-8	5.0	5.7	4.3	4.0	3.7	5.3	4.7
A16-2	5.7	5.0	3.7	4.0	4.3	5.3	4.7
PROSPERITY	4.3	6.0	4.3	4.0	4.0	5.3	4.7
SYRAH (LTP-11-41)	6.0	5.7	4.0	3.7	3.7	5.0	4.7
YELLOWSTONE (A12-7)	4.7	5.7	4.0	4.0	4.0	5.7	4.7
DLFPS-340/3548	7.3	6.7	3.7	2.7	3.0	4.0	4.6
A16-1	7.0	5.0	3.0	3.7	3.7	4.7	4.5
NK-1	5.0	6.0	3.3	4.0	3.7	5.0	4.5
NURUSH (J-3510)	3.7	5.0	4.3	3.7	4.0	6.3	4.5
PALOMA (PST-K13-139)	5.0	4.7	4.3	3.7	4.0	5.3	4.5
PPG-KB 1304	5.3	5.0	3.7	3.3	4.0	5.7	4.5
A11-38	4.3	5.3	4.0	3.3	4.0	5.3	4.4
BARVETTE HGT®	5.0	4.3	4.0	3.7	4.3	5.0	4.4
DLFPS-340/3553	5.3	4.7	3.3	3.3	4.3	5.3	4.4

TABLE 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH  
(CONT'D) GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/							
NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DLFPS-340/3548	7.3	6.7	3.7	2.7	3.0	4.0	4.6
A16-1	7.0	5.0	3.0	3.7	3.7	4.7	4.5
NK-1	5.0	6.0	3.3	4.0	3.7	5.0	4.5
NURUSH (J-3510)	3.7	5.0	4.3	3.7	4.0	6.3	4.5
PALOMA (PST-K13-139)	5.0	4.7	4.3	3.7	4.0	5.3	4.5
PPG-KB 1304	5.3	5.0	3.7	3.3	4.0	5.7	4.5
A11-38	4.3	5.3	4.0	3.3	4.0	5.3	4.4
BARVETTE HGT®	5.0	4.3	4.0	3.7	4.3	5.0	4.4
DLFPS-340/3553	5.3	4.7	3.3	3.3	4.3	5.3	4.4
NAI-15-80	4.0	5.3	4.3	4.3	3.7	4.7	4.4
NEW MOON (PST-K15-177)	4.7	5.3	4.0	3.3	3.7	5.3	4.4
SHAMROCK	5.3	4.7	3.3	3.3	4.0	5.7	4.4
A99-2897	4.3	4.7	3.7	3.7	4.0	5.7	4.3
BABE	5.3	5.7	3.3	3.3	3.7	4.7	4.3
DLFPS-340/3438	4.7	5.3	4.0	3.3	3.7	5.0	4.3
DLFPS-340/3455	4.7	5.3	4.3	3.0	3.7	5.0	4.3
JERSEY (NAI-A16-3)	5.0	5.7	3.7	3.7	3.0	5.0	4.3
ELECTRIC (PST-K11-118)	5.7	5.3	2.7	3.0	3.7	5.3	4.3
DLFPS-340/3556	4.0	5.7	4.7	3.3	3.3	4.7	4.3
SELWAY	5.0	5.0	4.3	3.0	3.7	4.7	4.3
DLFPS-340/3444	5.0	5.0	3.7	3.0	3.7	5.0	4.2
DLFPS-340/3549	4.7	5.3	4.0	3.3	3.3	4.7	4.2
AMAZE (NAI-14-133)	3.0	5.0	4.0	4.0	3.7	5.3	4.2
BAR PP 71213	5.7	4.3	3.0	3.0	3.7	5.3	4.2
PPG-KB 1320	3.7	4.7	4.0	3.7	4.0	5.0	4.2
PST-T14-39	4.7	5.3	3.7	3.7	3.3	4.3	4.2
A16-17	5.3	4.7	3.0	3.0	3.7	5.0	4.1
KH3492	5.0	5.0	3.7	3.3	3.0	4.7	4.1
PST-K15-172	3.7	5.0	4.0	3.0	3.7	5.3	4.1
AKB3128	5.3	5.0	2.7	3.0	3.7	5.0	4.1
BAR PP 7236V	5.0	4.7	3.0	3.0	3.0	5.7	4.1
COMANCHE (NAI-14-176)	3.0	5.3	3.7	3.3	3.3	5.7	4.1
NAI-14-128	2.7	4.3	4.3	3.7	3.7	5.7	4.1
BARSERATI (BAR PP 110358)	5.7	5.0	3.3	2.7	3.0	4.3	4.0
BLUE DEVIL	3.7	3.7	3.0	3.7	4.3	5.7	4.0
BAR PP 79494	3.0	3.7	3.7	3.3	4.0	5.7	3.9
AFTER MIDNIGHT	2.7	3.7	3.3	4.0	3.7	5.7	3.8
MIDNIGHT	3.7	4.7	3.3	3.0	2.7	5.3	3.8
BLUE KNIGHT	3.0	4.0	3.7	3.7	3.3	5.0	3.8
A10-280	3.3	3.3	3.3	3.7	3.7	4.3	3.6
AKB3179	3.7	4.0	2.7	2.7	3.0	5.0	3.5
DUBLIN (PST-K15-157)	4.3	4.7	2.7	2.3	2.3	4.3	3.4
A16-7	3.7	3.3	3.0	3.0	3.0	4.3	3.4
J-1138	3.0	3.7	3.0	2.7	2.7	5.0	3.3
KENBLUE	3.7	4.0	3.0	2.7	2.7	4.0	3.3
DLFPS-340/3364	3.0	3.7	3.0	2.3	2.3	4.0	3.1
J-1319	2.7	3.0	2.7	2.3	2.3	4.7	2.9
J-2726	2.0	2.7	2.3	2.7	2.7	4.7	2.8
PST-11-7	2.7	2.7	2.0	2.3	2.3	3.7	2.6
PST-K15-167	2.7	2.3	2.0	2.0	2.0	3.3	2.4
LSD VALUE	1.8	2.1	1.8	2.3	2.2	2.0	1.7
C.V. (%)	23.7	25.8	29.2	38.6	35.0	22.7	24.0

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

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

TABLE 11.

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

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

TABLE 11.  
(CONT'D)

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

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

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

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

TABLE 11.  
(CONT'D)

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

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



TABLE 11.  
(CONT'D)

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER IN NOVEMBER							
	CONTROL		TRAFFIC		CONTROL		TRAFFIC	
	NOVEMBER 6	NOVEMBER 6	NOVEMBER 9	NOVEMBER 9	NOVEMBER 13	NOVEMBER 13	NOVEMBER 16	NOVEMBER 16
BARSERATI (BAR PP 110358)	91.7	90.0	96.3	91.3	94.7	89.0	95.0	89.0
NAI-14-122	92.0	92.7	94.3	92.7	93.7	90.7	94.7	97.7
A06-8	94.0	92.7	95.3	94.3	96.7	93.0	97.3	92.7
SYRAH (LTP-11-41)	94.0	92.0	95.7	91.7	96.7	92.3	97.0	92.0
COMANCHE (NAI-14-176)	93.7	93.0	95.0	92.7	96.0	87.0	94.7	83.3
A11-26	93.7	91.3	94.7	91.7	96.0	94.0	96.7	89.7
SELWAY	93.0	91.7	93.7	90.0	94.7	93.3	95.7	88.7
CLOUD (GO-2425)	91.7	88.7	94.7	90.0	94.7	86.7	96.0	93.0
DLFPS-340/3549	93.0	90.0	93.0	90.7	95.3	89.3	96.3	93.7
KENBLUE	92.7	92.7	95.3	92.0	95.7	93.0	97.0	92.0
PROSPERITY	90.3	90.3	96.0	91.7	93.3	94.0	95.0	91.3
YELLOWSTONE (A12-7)	93.7	93.0	95.7	94.3	95.7	92.7	91.7	81.0
DLFPS-340/3500	93.3	92.0	93.7	89.7	95.3	91.0	94.0	89.7
PST-K13-141	94.7	90.7	95.7	91.3	95.7	93.0	96.7	93.3
A99-2897	94.0	90.7	95.3	91.7	95.7	89.7	95.3	80.7
DLFPS-340/3438	93.3	93.0	95.7	92.7	94.7	89.0	95.3	92.3
A10-280	94.7	91.7	94.7	93.0	97.0	88.3	97.7	88.3
A11-38	92.7	90.0	93.3	91.7	95.7	89.7	97.0	88.7
DUBLIN (PST-K15-157)	93.3	91.0	94.3	92.0	96.0	94.3	97.3	91.7
A11-40	96.0	94.0	96.3	95.0	97.3	93.3	97.0	91.0
BAR PP 7309V	92.7	89.3	96.0	92.7	94.7	90.0	95.7	92.3
PIVOT	92.3	92.7	95.3	95.3	95.3	95.0	95.7	91.0
BLUE KNIGHT	92.0	89.7	92.3	91.7	93.7	90.0	95.0	90.3
A16-2	91.0	89.0	95.3	91.7	94.0	89.0	95.3	88.0
BAR PP 7K426	91.3	89.7	94.0	86.0	94.7	89.0	95.3	84.0
PPG-KB 1131	94.7	92.0	95.7	95.3	96.7	92.7	97.0	81.0
KH3492	94.3	91.7	94.0	94.7	96.7	89.7	96.3	88.7
STARR (GO-2628)	94.7	93.7	95.0	89.3	96.7	91.3	97.7	94.3
BAR PP 79494	89.3	88.7	95.7	89.3	92.0	91.0	92.3	83.0
AKB3241	91.7	88.3	96.0	88.7	95.0	92.3	95.3	91.7
SKYE	92.7	91.7	91.7	90.3	95.3	91.3	94.7	84.7
MIDNIGHT	93.7	90.3	94.7	89.3	96.3	92.3	97.3	93.3
A13-1	95.0	86.7	97.0	95.3	95.7	90.3	96.0	91.3
PPG-KB 1320	88.7	89.0	95.3	94.0	92.0	85.7	91.3	81.0
SHAMROCK	93.0	90.7	92.3	84.7	95.3	91.7	96.3	90.3
BAR PP 79366	91.7	90.0	94.7	93.7	95.3	86.3	95.7	84.7
PST-T14-39	95.7	62.0	93.3	62.0	94.7	60.3	96.0	55.0
A15-6	93.0	88.0	91.7	86.7	95.7	90.0	96.7	85.3
AVIATOR II (NAI-15-84)	93.3	87.3	93.0	88.0	95.3	83.0	96.3	91.7
LSD VALUE	10.1	30.9	8.4	26.7	8.0	24.1	8.4	20.9
C.V. (%)	2.7	7.3	2.3	7.4	2.1	7.4	2.3	8.6

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

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

TABLE 11.  
(CONT'D)

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

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

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN UNDER TRAFFIC AT FAYETTEVILLE, AR 1/  
2020 DATA

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

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

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

TABLE 12.

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

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

NAME	WEAR TOLERANCE RATINGS			QUALITY RATINGS							MEAN	
	MAY	JULY	OCTOBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
FINISH LINE (NAI-14-178)	8.0	7.7	7.7	8.0	7.7	8.0	7.7	7.7	7.3	6.7	6.7	7.5
AFTER MIDNIGHT	6.3	6.0	6.3	6.3	7.0	6.7	7.0	7.0	7.3	6.7	6.0	6.8
J-2726	5.7	5.3	5.7	6.0	6.3	6.7	7.3	7.0	6.3	6.7	6.3	6.6
BAR PP 7309V	7.0	6.3	6.3	6.7	6.0	6.7	6.7	6.7	7.0	6.3	6.0	6.5
A16-17	6.3	6.0	6.0	7.0	6.3	6.7	6.3	6.7	6.3	5.7	5.0	6.3
BAR PP 7236V	5.3	5.7	6.3	6.0	6.0	6.3	6.3	6.7	6.0	6.3	6.3	6.3
DLFPS-340/3494	6.3	5.0	5.7	6.0	6.3	5.7	7.0	6.3	6.7	6.0	6.0	6.3
DLFPS-340/3556	5.3	5.0	5.3	6.7	6.0	6.3	6.0	6.3	6.3	6.3	6.0	6.3
J-1138	7.0	7.0	7.0	6.7	7.0	6.7	6.0	6.7	6.3	6.0	5.0	6.3
KH3492	6.3	6.3	6.7	6.7	6.0	6.3	6.3	6.3	6.0	6.3	6.0	6.3
SYRAH (LTP-11-41)	6.7	6.7	6.7	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.0	6.3
BAR PP 7K426	6.7	6.7	6.0	6.3	6.3	6.3	6.0	6.7	6.0	6.0	5.7	6.2
BAR PP 71213	5.3	4.7	4.3	6.7	5.7	6.7	6.3	6.3	6.0	6.0	5.3	6.1
BLUE KNIGHT	5.7	5.3	6.0	5.7	5.7	6.7	6.3	6.3	6.3	6.0	6.0	6.1
DLFPS-340/3549	6.3	6.0	6.0	6.3	6.3	6.7	6.3	6.0	6.3	6.0	5.0	6.1
NURUSH (J-3510)	7.0	6.7	6.7	6.7	6.3	6.3	6.0	6.0	6.0	6.0	5.3	6.1
PST-11-7	7.0	7.0	7.3	6.0	7.0	6.0	6.3	6.0	6.0	6.0	5.7	6.1
DLFPS-340/3500	6.3	6.0	5.3	7.0	5.7	6.0	5.7	6.0	6.3	5.7	5.3	6.0
TWILIGHT (NAI-13-132)	6.0	6.7	6.0	5.7	6.7	6.0	6.3	6.3	5.7	5.7	5.7	6.0
BARVETTE HGT®	6.7	6.7	6.0	6.0	6.0	6.3	5.7	6.0	6.3	5.7	5.0	5.9
PIVOT	5.7	6.3	6.0	5.7	6.0	6.3	5.7	6.0	6.0	6.0	5.3	5.9
STARR (GO-2628)	6.3	6.3	6.3	5.3	6.0	6.0	5.7	6.3	6.3	6.0	5.7	5.9
A11-38	5.3	5.0	4.7	5.3	5.0	6.0	6.3	6.0	6.3	5.7	5.3	5.8
A11-40	5.7	6.0	5.3	5.3	5.3	5.7	6.0	6.0	6.3	6.0	5.7	5.8
BAR PP 79494	6.3	6.7	6.7	5.7	6.3	6.3	5.7	5.7	5.7	5.7	5.3	5.8
DLFPS-340/3444	5.0	5.7	5.7	5.0	5.3	6.0	6.0	6.0	6.0	5.7	6.0	5.8
KENBLUE	5.7	5.0	5.7	6.0	5.3	6.0	6.3	6.3	6.0	5.0	5.0	5.8
PST-K13-141	5.7	5.3	5.0	6.0	5.3	5.7	6.0	6.0	6.0	5.7	5.3	5.8
A11-26	5.0	5.0	5.0	5.7	5.7	6.0	5.3	5.7	5.7	5.7	5.7	5.7
A15-6	6.0	6.0	6.0	6.0	5.7	6.0	5.7	5.7	5.3	5.7	5.7	5.7
BAR PP 79366	5.7	5.3	5.3	6.0	5.3	6.0	5.7	6.0	6.0	5.3	5.3	5.7
DLFPS-340/3551	6.3	5.0	6.0	6.3	5.7	5.7	5.7	5.7	5.3	5.7	5.7	5.7
YELLOWSTONE (A12-7)	5.3	5.7	5.7	6.0	5.7	5.7	5.7	6.0	5.3	6.0	5.3	5.7
ELECTRIC (PST-K11-118)	6.0	5.3	5.7	6.0	5.7	5.0	5.3	5.3	5.7	6.0	5.7	5.6
PPG-KB 1320	6.0	6.3	5.7	5.7	5.7	6.0	5.7	5.7	5.7	5.3	5.0	5.6
UNITED (NAI-13-14)	6.7	6.3	6.7	4.7	6.0	6.7	5.7	5.7	5.7	5.3	5.3	5.6
A16-1	5.3	6.3	5.7	5.7	6.0	5.3	5.0	5.7	5.3	6.0	5.3	5.5
A16-2	5.7	5.7	5.3	5.7	5.7	5.7	5.3	5.7	5.3	5.3	5.3	5.5
BABE	5.7	5.3	5.3	5.0	5.3	5.7	5.3	5.7	5.7	6.0	5.3	5.5
BLUE DEVIL	6.0	6.3	6.0	5.7	5.3	6.0	5.3	5.3	5.7	5.3	5.3	5.5
BLUE GEM (NAI-13-9)	6.3	6.0	6.3	5.3	6.0	5.7	5.3	5.7	5.3	5.3	5.3	5.5
CLOUD (GO-2425)	6.3	6.0	6.7	5.0	5.7	5.7	5.7	5.3	5.7	5.7	5.3	5.5
PROSPERITY	6.0	6.0	6.3	5.7	5.7	5.3	5.3	5.7	5.3	5.7	5.3	5.5
RAD 553	5.7	5.3	5.3	6.7	5.3	6.0	5.7	5.7	5.3	5.0	4.3	5.5
SHAMROCK	5.3	5.3	4.7	5.3	5.3	5.3	6.0	5.3	5.7	5.7	5.3	5.5
SELWAY	5.3	5.7	5.3	5.7	5.7	5.3	5.3	5.3	5.3	5.0	5.3	5.4
A06-8	5.3	5.0	5.3	5.3	5.3	5.7	5.3	5.3	5.3	5.3	4.7	5.3
A16-7	5.7	5.0	5.3	5.0	5.3	5.3	5.3	5.3	5.7	5.0	5.0	5.3
BOMBAY (GO-22B23)	5.0	5.0	5.0	4.0	5.0	6.0	5.0	5.7	5.3	5.3	6.0	5.3
DLFPS-340/3438	5.3	4.7	5.0	5.7	5.0	5.7	5.3	5.3	5.3	5.0	5.3	5.3

TABLE 12.  
(CONT'D)

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

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

NAME	WEAR TOLERANCE RATINGS			QUALITY RATINGS									MEAN
	MAY	JULY	OCTOBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
DLFPS-340/3455	5.3	5.0	5.0	6.0	5.7	5.3	5.0	5.0	5.3	5.0	5.0	5.3	
PPG-KB 1131	7.3	6.0	6.7	5.0	5.0	5.7	5.7	5.7	5.7	5.7	5.3	4.7	
DLFPS-340/3552	6.3	5.7	5.7	5.0	6.0	5.0	5.0	5.3	5.0	5.0	5.0	5.2	
J-1319	6.7	6.7	6.3	5.3	5.7	5.3	5.0	5.3	5.0	5.0	5.0	5.2	
ORION (PST-K13-143)	6.3	6.3	6.3	5.7	5.3	5.0	5.0	5.0	5.3	5.0	5.0	5.2	
A10-280	5.3	5.3	6.0	5.7	5.0	5.0	5.0	5.3	5.3	5.0	4.3	5.1	
A99-2897	5.3	5.3	5.3	5.0	5.0	5.3	5.0	5.0	5.3	5.0	5.0	5.1	
AKB3128	5.3	5.3	5.7	5.7	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.1	
DLFPS-340/3364	5.0	4.7	5.7	5.3	4.7	5.3	5.0	5.3	5.3	5.0	5.0	5.1	
DLFPS-340/3550	5.0	4.7	4.7	5.3	5.3	5.0	5.0	5.3	5.0	5.0	5.0	5.1	
PPG-KB 1304	6.3	6.0	6.0	6.0	5.0	5.3	5.0	5.0	5.0	5.0	4.3	5.1	
SKYE	5.0	5.7	5.7	5.0	4.7	5.0	5.3	5.3	5.3	5.3	4.7	5.1	
A13-1	5.7	5.3	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
JERSEY (NAI-A16-3)	4.3	3.7	3.7	4.0	4.3	5.0	5.3	5.3	5.7	5.3	5.0	5.0	
MIDNIGHT	6.3	5.7	6.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
NEW MOON (PST-K15-177)	6.0	6.0	6.0	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
PALOMA (PST-K13-139)	5.7	6.0	6.0	4.7	5.3	5.0	5.0	4.7	5.3	5.0	5.0	5.0	
PST-T14-39	5.0	4.3	5.3	5.0	4.3	5.0	5.0	5.3	5.0	5.0	5.0	5.0	
BARSERATI (BAR PP 110358)	5.7	5.3	5.3	5.3	5.0	4.3	4.7	4.3	5.0	5.3	5.0	4.9	
AVIATOR II (NAI-15-84)	5.0	5.0	5.0	4.3	4.7	5.0	4.7	4.7	5.3	5.0	4.7	4.8	
DLFPS-340/3548	5.0	5.3	5.0	4.7	4.7	5.0	5.0	5.3	4.7	4.7	4.7	4.8	
DLFPS-340/3553	5.0	5.3	5.0	4.3	5.0	4.7	4.3	5.0	5.3	5.0	4.7	4.8	
A12-34	5.0	4.7	5.0	5.0	5.3	5.0	4.7	4.3	4.7	4.3	4.3	4.7	
PST-K15-167	5.3	5.7	5.7	4.7	4.7	4.7	4.7	5.0	4.3	4.7	4.7	4.7	
AKB3179	4.7	4.0	4.7	4.7	4.7	4.7	4.3	4.7	4.3	5.0	4.7	4.6	
DUBLIN (PST-K15-157)	4.7	4.3	5.0	4.3	4.7	4.7	4.7	4.7	4.7	5.0	4.3	4.6	
RAD-1776	4.7	4.3	4.7	4.0	4.0	4.7	4.7	5.0	5.0	5.0	4.7	4.6	
DLFPS-340/3446	4.7	4.7	5.0	4.7	4.0	4.3	4.7	4.7	4.3	5.0	4.0	4.5	
NK-1	4.3	4.3	4.0	4.0	4.3	4.7	5.0	4.7	4.3	4.7	4.3	4.5	
PST-K15-172	3.7	4.0	4.0	3.0	4.0	4.7	4.7	5.0	4.7	4.7	4.7	4.4	
AKB3241	4.7	4.3	4.7	4.0	4.0	4.0	4.3	4.3	4.3	5.0	4.0	4.3	
HEARTLAND (NAI-14-187)	4.0	4.3	4.0	3.7	4.0	4.3	4.3	4.3	4.3	5.0	4.0	4.3	
NAI-14-128	4.3	4.3	4.0	3.7	4.0	4.3	4.7	4.3	4.0	4.3	4.0	4.2	
NAI-14-132	4.0	4.0	4.0	3.7	4.0	4.3	4.3	4.3	4.0	4.7	4.0	4.2	
AMAZE (NAI-14-133)	4.0	4.3	4.3	3.3	4.0	4.3	4.0	4.0	4.3	4.3	4.3	4.1	
MVS-130	3.7	3.7	4.0	3.3	4.0	4.0	4.3	4.7	4.0	4.3	4.0	4.1	
NAI-14-122	4.0	4.0	4.0	3.3	4.0	4.3	4.3	4.3	4.0	4.0	4.0	4.0	
NAI-15-80	4.0	4.0	4.0	3.0	3.7	3.7	4.3	4.0	4.3	4.0	4.0	3.9	
COMANCHE (NAI-14-176)	3.7	4.0	4.0	2.7	3.7	4.0	4.0	4.0	4.3	4.0	4.0	3.8	
LSD VALUE	1.2	1.0	0.8	0.9	0.7	1.0	0.7	0.9	0.8	0.6	0.6	0.5	
C.V. (%)	13.6	11.3	10.0	11.4	9.1	11.1	8.8	10.4	9.4	7.0	8.2	6.7	

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

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

TABLE 13A.

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

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

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

TABLE 13A.  
(CONT'D)

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

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

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

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

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

TABLE 13B.

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

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

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



TABLE 13B.  
(CONT'D)

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

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

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

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

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

TABLE 14.

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

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

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

TABLE 14.  
(CONT'D)

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

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

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

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

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

TABLE 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SHADE AT AMES, IA 1/  
2020 DATA

NAME	GENETIC COLOR	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/					QUALITY RATINGS				MEAN
		SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BAR PP 7309V	7.0	6.3	6.3	6.7	6.0	5.3	5.7	6.0	5.3	4.0	5.7
A06-8	7.0	5.0	6.0	5.7	6.0	5.7	5.7	6.7	5.3	4.0	5.6
DLFPS-340/3494	7.7	5.7	5.0	5.7	5.7	5.7	6.0	7.0	5.7	4.3	5.6
A16-17	7.3	5.7	5.7	5.3	5.3	5.3	5.3	5.7	5.7	4.7	5.4
DLFPS-340/3446	7.7	6.0	5.3	6.0	5.7	5.3	6.0	6.0	5.3	3.7	5.4
BAR PP 79494	6.7	6.0	5.0	5.7	5.3	5.0	6.0	5.3	6.0	3.7	5.3
DLFPS-340/3455	6.3	5.3	5.3	5.3	6.0	5.0	5.7	5.7	5.0	4.7	5.3
JERSEY (NAI-A16-3)	7.3	5.7	6.0	5.7	5.7	5.3	5.0	6.3	5.0	3.7	5.3
A99-2897	7.0	5.7	5.7	5.0	5.0	5.0	5.3	5.7	5.7	4.0	5.2
AFTER MIDNIGHT	6.7	5.7	5.7	5.3	5.3	5.0	5.7	5.3	5.3	4.0	5.2
AKB3128	5.7	5.7	5.0	6.0	5.0	5.3	5.3	5.7	5.0	4.0	5.2
J-1319	7.3	6.3	6.0	6.0	5.3	5.0	5.3	5.7	5.0	3.3	5.2
NAI-14-128	6.7	6.0	5.3	5.3	4.7	5.3	5.3	6.0	5.7	4.0	5.2
UNITED (NAI-13-14)	7.0	5.7	5.3	5.3	4.7	5.0	5.3	5.7	6.0	4.3	5.2
BLUE GEM (NAI-13-9)	7.3	5.3	5.0	5.0	5.0	5.3	5.3	6.0	5.0	4.0	5.1
BOMBAY (GO-22B23)	6.3	6.0	5.3	5.7	5.0	4.7	6.0	5.3	4.7	4.3	5.1
DLFPS-340/3500	6.7	5.7	5.0	5.3	5.7	5.3	5.0	5.7	5.3	3.7	5.1
DLFPS-340/3556	6.3	5.7	5.3	5.3	5.0	5.0	6.0	5.3	5.0	3.7	5.1
J-2726	7.0	5.3	6.0	5.0	5.0	5.3	5.3	6.0	4.7	3.7	5.1
TWILIGHT (NAI-13-132)	6.7	5.7	5.3	6.0	5.3	4.7	5.0	5.3	5.3	3.7	5.1
A10-280	6.0	6.0	5.0	5.3	4.7	5.3	5.3	5.7	5.3	3.7	5.0
A16-2	6.7	5.0	5.0	5.0	4.7	5.3	5.3	5.3	5.0	4.3	5.0
AKB3241	6.3	5.0	5.0	5.0	4.7	5.0	5.3	5.7	5.3	3.7	5.0
BAR PP 79366	7.0	6.0	5.3	5.0	5.0	5.3	5.7	5.7	4.7	3.7	5.0
BARVETTE HGT®	7.3	6.3	4.7	5.7	4.7	5.0	6.0	5.3	4.3	4.0	5.0
KH3492	6.0	6.0	5.3	5.3	5.0	4.7	5.0	5.3	5.3	4.3	5.0
PST-11-7	7.0	5.0	5.0	4.7	5.0	4.7	5.3	5.7	5.3	4.0	5.0
STARR (GO-2628)	7.0	5.3	5.3	5.7	4.7	4.7	5.3	6.0	4.7	3.3	5.0
A12-34	6.0	6.3	5.0	5.7	5.0	4.3	5.3	5.7	4.3	4.0	4.9
BAR PP 7K426	6.0	4.7	5.0	4.3	4.7	4.7	5.7	5.3	5.0	4.7	4.9
PIVOT	6.0	6.0	5.0	6.0	5.0	4.7	5.0	5.0	5.0	3.7	4.9
PPG-KB 1304	6.3	6.3	5.0	6.0	5.3	4.7	5.3	5.0	4.0	4.0	4.9
RAD-1776	7.0	5.0	5.3	5.7	4.7	4.7	5.3	5.7	4.7	3.3	4.9
A13-1	6.3	5.3	4.7	5.0	5.0	4.7	5.0	5.3	4.7	4.0	4.8
DLFPS-340/3552	6.3	5.0	4.7	5.0	5.0	4.7	5.3	5.3	4.7	3.3	4.8
J-1138	6.3	5.3	5.0	5.7	5.7	5.0	4.7	5.3	4.0	3.3	4.8
PST-K13-141	6.3	6.0	5.3	5.3	5.0	4.3	5.0	5.0	4.7	4.0	4.8
RAD 553	7.0	5.0	4.3	5.0	4.7	5.0	5.0	5.7	4.7	3.7	4.8
DLFPS-340/3549	6.0	5.7	5.0	5.3	4.3	4.7	4.7	5.3	4.7	3.3	4.7
DLFPS-340/3551	7.0	4.3	4.7	5.0	4.7	4.7	4.3	5.3	4.3	4.3	4.7
NK-1	6.7	5.7	5.0	5.3	5.0	4.3	5.0	5.3	4.3	3.3	4.7
NURUSH (J-3510)	7.0	5.7	4.7	5.0	5.0	4.7	5.0	5.0	4.3	4.0	4.7
PPG-KB 1320	6.7	5.3	4.3	4.7	4.7	4.3	4.7	5.3	5.0	4.0	4.6
SELWAY	6.3	5.7	4.3	4.7	4.7	5.0	5.0	5.0	4.3	4.0	4.6
SYRAH (LTP-11-41)	6.0	4.7	4.3	4.3	4.7	5.0	5.0	5.0	4.7	3.7	4.6
A11-26	6.0	5.3	4.0	4.3	4.7	4.3	5.0	5.0	4.3	4.0	4.5
A11-40	6.3	5.0	4.0	4.7	4.3	5.0	5.0	5.0	4.7	3.0	4.5
A15-6	7.7	5.3	5.0	4.7	4.7	4.7	4.3	5.0	4.7	3.0	4.5
AKB3179	6.0	4.3	4.3	4.3	4.7	4.7	4.3	4.7	4.7	4.3	4.5
AMAZE (NAI-14-133)	6.7	5.0	4.3	4.7	4.3	4.7	4.7	5.0	4.7	3.3	4.5

TABLE 15.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SHADE AT AMES, IA 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS					MEAN
						JUL	AUG	SEP	OCT	NOV	
BABE	6.0	4.3	4.7	4.3	4.3	4.7	5.0	5.3	4.3	3.7	4.5
CLOUD (GO-2425)	7.0	6.3	5.0	5.0	4.3	4.7	4.3	5.0	4.3	3.0	4.5
DLFPS-340/3438	6.3	4.7	4.0	4.3	4.7	4.7	5.0	5.0	4.3	3.7	4.5
DLFPS-340/3550	6.0	5.3	4.7	4.7	4.7	4.7	5.0	5.0	4.0	3.7	4.5
DLFPS-340/3553	6.7	5.3	4.7	4.7	4.7	4.3	4.3	5.0	4.7	3.3	4.5
HEARTLAND (NAI-14-187)	6.0	4.7	4.7	4.3	4.7	4.3	5.0	5.0	4.7	3.7	4.5
KENBLUE	5.7	5.3	4.0	5.0	4.3	4.7	4.7	5.0	4.3	3.7	4.5
PALOMA (PST-K13-139)	7.0	5.3	4.3	4.7	4.7	4.7	4.7	5.3	4.7	3.3	4.5
PPG-KB 1131	6.3	4.3	4.3	4.3	4.3	4.3	5.0	5.0	4.3	4.0	4.5
PST-K15-167	5.7	5.0	4.3	5.0	4.3	4.3	4.7	4.7	4.7	4.0	4.5
PST-K15-172	6.7	5.0	4.7	4.7	4.7	4.7	4.7	5.3	4.3	3.3	4.5
A16-1	7.0	5.0	4.0	4.3	4.3	4.7	5.0	5.0	4.3	3.7	4.4
AVIATOR II (NAI-15-84)	6.3	4.3	4.0	4.3	4.3	4.7	4.7	4.7	4.7	4.0	4.4
BAR PP 7236V	5.7	6.0	4.7	5.3	4.0	4.0	4.7	4.7	4.0	3.7	4.4
BARSERATI (BAR PP 110358)	6.3	4.0	4.7	4.0	4.7	4.3	5.0	4.7	4.7	3.3	4.4
MIDNIGHT	6.3	4.7	4.7	4.3	4.7	4.7	4.7	4.7	4.3	3.3	4.4
MVS-130	6.0	5.3	4.0	4.3	4.3	4.7	4.3	4.7	4.3	4.3	4.4
SHAMROCK	6.7	4.3	4.3	4.3	4.3	4.7	4.7	5.0	4.7	3.0	4.4
YELLOWSTONE (A12-7)	7.3	4.0	4.3	4.0	4.3	4.3	4.7	5.3	4.3	4.0	4.4
A11-38	6.0	4.3	4.3	4.0	4.3	4.3	4.3	5.3	4.3	3.3	4.3
COMANCHE (NAI-14-176)	7.0	4.3	4.0	4.3	4.3	4.3	4.7	5.0	4.7	3.3	4.3
DLFPS-340/3444	6.7	4.3	4.7	4.0	4.3	4.7	4.3	5.0	4.0	3.3	4.3
ELECTRIC (PST-K11-118)	5.0	5.3	4.3	5.0	4.3	4.3	4.3	4.3	4.7	3.3	4.3
NAI-14-122	6.3	4.3	4.0	4.3	4.3	4.7	4.7	5.0	4.0	3.3	4.3
NAI-14-132	6.7	4.7	4.0	4.3	4.3	4.7	4.7	5.0	4.7	3.0	4.3
NEW MOON (PST-K15-177)	6.7	4.7	4.0	4.3	4.3	4.0	4.7	5.0	4.0	3.7	4.3
PROSPERITY	5.3	5.0	4.3	4.7	4.3	4.0	4.3	4.7	4.0	3.7	4.3
PST-T14-39	5.3	4.0	5.0	4.7	4.0	4.3	4.0	4.7	4.0	3.7	4.3
A16-7	5.7	5.0	4.0	4.7	4.7	4.0	4.0	4.7	4.0	3.3	4.2
BLUE DEVIL	5.3	5.0	4.0	4.3	4.3	4.3	4.7	4.3	4.3	3.0	4.2
BLUE KNIGHT	5.7	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.0	4.0	4.2
DLFPS-340/3364	6.0	4.7	4.3	4.3	4.3	3.7	4.0	4.7	4.0	4.0	4.2
FINISH LINE (NAI-14-178)	6.3	4.7	4.0	4.3	4.0	4.3	4.7	4.7	4.7	3.0	4.2
ORION (PST-K13-143)	6.3	4.3	4.0	4.3	4.0	4.0	4.3	4.7	4.0	4.0	4.2
SKYE	6.0	4.3	4.0	4.3	4.0	4.3	4.7	4.7	4.3	3.3	4.2
BAR PP 71213	6.0	5.3	4.0	4.3	4.3	4.0	4.3	4.7	4.3	3.0	4.1
DLFPS-340/3548	6.7	4.7	4.3	4.3	4.0	4.0	4.7	5.0	3.7	3.0	4.1
DUBLIN (PST-K15-157)	5.3	4.7	4.0	4.3	4.0	4.3	4.0	4.3	4.7	3.0	4.1
NAI-15-80	6.3	4.7	4.0	4.0	4.3	4.0	4.3	4.7	4.0	3.7	4.1
LSD VALUE	4.6	3.0	3.8	3.0	2.1	3.2	2.9	4.5	2.3	1.7	2.1
C.V. (%)	15.9	18.8	20.8	19.0	15.4	15.8	16.5	18.0	16.4	16.7	13.5

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. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN UNDER SHADE AT AMES, IA 1/  
2020 DATA

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

NAME	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER
BAR PP 7309V	7.0	6.3	6.3	7.0	7.0	5.7
A06-8	5.7	6.3	6.7	7.0	6.7	5.0
DLFPS-340/3494	6.0	5.7	6.3	7.7	7.0	6.0
A16-17	6.3	6.0	7.0	7.3	7.0	6.3
DLFPS-340/3446	6.0	5.3	6.7	7.7	6.7	4.7
BAR PP 79494	6.7	6.0	5.7	6.7	7.7	3.7
DLFPS-340/3455	6.0	5.0	7.3	6.3	6.3	5.7
JERSEY (NAI-A16-3)	5.3	7.0	6.0	7.3	6.3	5.0
A99-2897	6.0	5.7	6.0	7.0	6.7	5.3
AFTER MIDNIGHT	5.7	5.3	5.3	6.7	6.7	5.7
AKB3128	6.3	5.0	5.7	5.7	6.3	4.7
J-1319	6.3	5.3	5.0	7.3	7.0	5.0
NAI-14-128	5.7	6.0	6.0	6.7	7.7	5.3
UNITED (NAI-13-14)	5.7	6.3	5.7	7.0	7.3	5.3
BLUE GEM (NAI-13-9)	5.3	5.7	6.0	7.3	6.7	4.3
BOMBAY (GO-22B23)	6.7	6.0	6.0	6.3	6.3	6.0
DLFPS-340/3500	5.3	5.0	5.7	6.7	6.7	4.0
DLFPS-340/3556	5.7	5.7	5.3	6.3	6.3	5.3
J-2726	6.0	5.3	5.3	7.0	6.3	5.3
TWILIGHT (NAI-13-132)	6.3	5.3	5.7	6.7	6.7	3.7
A10-280	5.3	5.0	5.3	6.0	7.0	4.3
A16-2	5.7	5.7	5.3	6.7	6.7	5.3
AKB3241	5.0	6.3	5.3	6.3	7.0	4.3
BAR PP 79366	5.7	5.3	5.3	7.0	6.7	5.3
BARVETTE HGT®	6.3	4.7	5.3	7.3	6.0	4.7
KH3492	6.0	6.0	5.7	6.0	6.3	5.3
PST-11-7	5.0	5.7	6.3	7.0	7.3	5.0
STARR (GO-2628)	6.0	6.7	6.3	7.0	6.0	5.3
A12-34	6.3	6.3	5.3	6.0	6.0	4.7
BAR PP 7K426	5.3	5.3	5.3	6.0	6.3	5.0
PIVOT	7.0	6.0	5.7	6.0	6.3	3.7
PPG-KB 1304	6.3	5.3	5.3	6.3	6.0	6.0
RAD-1776	5.7	7.3	6.0	7.0	6.3	5.3
A13-1	5.3	6.0	5.7	6.3	6.3	5.7
DLFPS-340/3552	6.0	5.3	5.3	6.3	6.3	5.0
J-1138	6.0	5.0	4.7	6.3	6.0	3.7
PST-K13-141	6.0	5.3	6.0	6.3	5.7	4.7
RAD 553	6.0	5.3	5.0	7.0	6.0	4.3
DLFPS-340/3549	6.0	4.7	5.0	6.0	6.3	3.3
DLFPS-340/3551	6.0	6.3	5.3	7.0	5.3	4.7
NK-1	5.7	5.7	6.0	6.7	6.3	5.0
NURUSH (J-3510)	5.7	4.7	5.0	7.0	6.3	4.3
PPG-KB 1320	5.7	5.3	5.0	6.7	6.3	5.0
SELWAY	5.3	5.7	5.3	6.3	6.3	5.3
SYRAH (LTP-11-41)	4.7	5.0	5.0	6.0	6.7	5.3
A11-26	5.3	5.3	4.0	6.0	6.0	4.0
A11-40	5.3	5.0	5.7	6.3	6.7	4.0
A15-6	5.3	5.7	5.3	7.7	5.3	4.3
AKB3179	5.0	5.3	5.3	6.0	6.3	5.0
AMAZE (NAI-14-133)	5.7	5.3	4.7	6.7	6.3	4.3

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN UNDER SHADE AT AMES, IA 1/  
2020 DATA

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

NAME	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER
BABE	5.3	5.3	5.0	6.0	6.0	5.0
CLOUD (GO-2425)	5.3	5.3	5.3	7.0	6.0	4.0
DLFPS-340/3438	5.3	5.0	5.0	6.3	6.3	4.3
DLFPS-340/3550	5.3	5.3	4.7	6.0	5.7	3.3
DLFPS-340/3553	6.3	5.3	4.7	6.7	6.3	3.7
HEARTLAND (NAI-14-187)	5.0	6.0	5.7	6.0	6.7	4.7
KENBLUE	5.7	4.7	4.7	5.7	6.3	3.7
PALOMA (PST-K13-139)	5.7	5.3	5.3	7.0	6.3	4.7
PPG-KB 1131	5.3	5.0	5.3	6.3	6.0	6.0
PST-K15-167	6.0	5.0	5.0	5.7	6.7	5.0
PST-K15-172	5.3	4.3	5.0	6.7	6.0	4.3
A16-1	5.3	5.3	4.7	7.0	6.0	5.0
AVIATOR II (NAI-15-84)	5.3	5.0	4.0	6.3	6.7	4.3
BAR PP 7236V	6.3	5.3	4.7	5.7	5.3	5.0
BARSERATI (BAR PP 110358)	5.0	4.3	4.3	6.3	6.3	4.0
MIDNIGHT	5.0	5.0	4.3	6.3	6.3	3.3
MVS-130	5.0	5.0	5.3	6.0	5.7	5.7
SHAMROCK	4.3	5.3	4.3	6.7	5.7	3.3
YELLOWSTONE (A12-7)	4.7	5.3	6.3	7.3	6.0	5.3
A11-38	5.0	5.0	5.0	6.0	5.7	4.7
COMANCHE (NAI-14-176)	5.7	5.0	5.0	7.0	6.3	5.0
DLFPS-340/3444	4.7	5.3	5.0	6.7	6.0	4.7
ELECTRIC (PST-K11-118)	6.3	5.3	5.0	5.0	6.7	3.7
NAI-14-122	5.7	5.0	5.0	6.3	6.0	3.0
NAI-14-132	5.0	6.0	5.3	6.7	6.3	4.7
NEW MOON (PST-K15-177)	5.3	5.3	4.3	6.7	5.7	4.7
PROSPERITY	5.3	5.7	5.0	5.3	5.3	6.0
PST-T14-39	5.3	5.7	4.7	5.3	5.7	3.7
A16-7	6.0	5.3	4.7	5.7	5.7	2.7
BLUE DEVIL	5.7	5.3	4.7	5.3	5.7	3.0
BLUE KNIGHT	5.0	5.0	4.7	5.7	5.0	3.7
DLFPS-340/3364	5.0	6.0	5.0	6.0	5.0	3.3
FINISH LINE (NAI-14-178)	5.0	4.7	5.0	6.3	6.7	4.0
ORION (PST-K13-143)	4.7	4.7	4.7	6.3	5.3	6.0
SKYE	5.0	5.3	5.3	6.0	5.7	4.0
BAR PP 71213	4.7	5.3	5.0	6.0	5.7	3.3
DLFPS-340/3548	5.3	4.7	5.3	6.7	4.7	2.7
DUBLIN (PST-K15-157)	5.0	6.0	5.0	5.3	6.3	2.7
NAI-15-80	5.0	4.7	4.7	6.3	5.3	3.0
LSD VALUE	3.7	4.0	4.4	4.6	2.1	5.4
C.V. (%)	16.8	17.7	20.4	15.9	13.0	31.8

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

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

TABLE 16.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	AR1	CT1	IA1	IN1	MI1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	MEAN
TWILIGHT (NAI-13-132)	6.7	8.3	8.0	8.0	7.0	7.0	6.0	6.3	8.3	7.3	8.0	8.0	7.4
UNITED (NAI-13-14)	7.0	7.7	7.3	8.0	7.0	7.3	5.0	5.7	8.3	8.7	8.0	8.3	7.4
AFTER MIDNIGHT	7.0	7.7	7.3	8.0	7.0	6.7	5.0	6.3	7.3	8.7	8.3	8.7	7.3
BLUE GEM (NAI-13-9)	6.7	7.3	8.0	8.0	7.0	6.7	6.0	6.0	8.0	8.3	7.7	8.0	7.3
PPG-KB 1131	7.3	7.0	7.0	7.7	6.7	7.3	5.3	6.0	8.3	8.7	8.0	8.3	7.3
BAR PP 79494	7.3	7.7	8.3	8.0	7.0	6.0	5.0	5.7	8.7	7.3	8.3	8.0	7.3
J-1138	8.0	7.3	7.3	8.0	6.7	6.3	5.0	6.0	8.3	9.0	8.0	7.3	7.3
PROSPERITY	7.0	8.0	8.0	8.0	7.0	7.3	4.3	6.0	7.0	8.0	7.7	6.7	7.1
J-1319	7.0	9.0	7.7	7.7	7.0	7.3	2.0	6.0	8.7	7.7	7.0	8.0	7.1
MIDNIGHT	7.3	7.7	7.7	8.0	7.0	6.0	5.3	5.3	7.7	7.3	7.7	7.3	7.0
NAI-14-122	5.3	6.3	7.3	8.3	7.0	6.7	5.3	6.0	8.3	8.0	7.3	8.3	7.0
MVS-130	5.7	5.3	7.3	8.3	7.0	7.3	5.0	6.0	8.3	7.3	8.0	8.3	7.0
COMANCHE (NAI-14-176)	5.7	6.3	6.7	8.0	6.7	7.3	6.0	6.0	8.7	7.3	7.0	8.0	7.0
NEW MOON (PST-K15-177)	7.3	6.7	7.3	8.0	6.3	7.0	4.0	6.0	8.0	8.0	7.7	7.3	7.0
A99-2897	6.3	6.7	6.7	8.0	6.3	7.3	5.0	6.0	8.3	7.3	7.7	7.7	6.9
NAI-14-132	4.7	6.0	7.3	8.3	7.0	7.7	4.3	6.0	7.7	8.3	7.7	8.3	6.9
HEARTLAND (NAI-14-187)	6.3	6.3	7.0	8.3	7.0	7.3	4.0	5.7	8.7	7.3	7.3	7.7	6.9
NAI-14-128	5.7	6.0	7.3	8.3	7.0	7.3	4.0	5.7	8.3	7.3	8.0	8.0	6.9
NURUSH (J-3510)	7.3	6.3	6.7	8.0	7.0	6.3	5.0	6.0	8.0	7.7	7.7	7.0	6.9
DLFPS-340/3550	7.0	7.0	7.7	8.0	6.7	6.3	4.3	6.0	6.7	8.0	7.7	7.3	6.9
BLUE DEVIL	6.7	7.3	7.0	7.3	7.0	6.3	3.0	5.7	8.3	7.7	8.3	8.0	6.9
A12-34	6.3	6.3	7.0	7.3	6.0	7.7	5.0	6.0	8.3	7.7	7.3	7.3	6.9
PPG-KB 1320	6.3	6.3	8.0	8.0	7.0	7.7	5.0	6.0	7.0	7.0	6.3	7.3	6.8
AMAZE (NAI-14-133)	6.7	5.3	6.7	8.0	7.0	6.7	5.0	6.0	8.3	7.0	7.3	7.7	6.8
A06-8	6.7	6.7	7.3	7.0	6.3	7.0	5.3	5.7	7.3	7.3	8.0	6.7	6.8
DLFPS-340/3364	6.0	6.7	6.0	7.7	6.7	6.3	5.3	6.0	8.0	7.7	7.7	7.3	6.8
PIVOT	6.0	8.0	7.0	7.0	7.0	6.7	5.3	5.7	6.7	7.0	7.7	7.3	6.8
PST-K15-167	7.3	5.7	7.7	7.0	6.3	7.0	5.3	6.0	7.0	7.3	7.3	7.3	6.8
A10-280	6.0	6.0	6.3	7.3	6.0	6.7	5.3	5.3	8.7	7.3	8.0	7.7	6.7
A16-7	6.3	7.3	6.3	8.0	6.3	7.0	4.3	5.0	7.0	7.7	7.7	7.3	6.7
PPG-KB 1304	6.7	6.0	8.0	7.0	6.0	6.3	4.7	6.0	7.0	7.7	8.3	6.7	6.7
STARR (GO-2628)	7.0	6.3	7.0	7.3	6.0	6.7	5.0	5.7	7.0	7.3	8.0	7.0	6.7
DLFPS-340/3556	7.0	5.7	8.3	7.3	6.3	7.0	3.0	6.3	6.7	7.7	7.7	6.7	6.6
DUBLIN (PST-K15-157)	5.3	6.0	7.7	7.3	5.0	7.0	5.7	5.7	8.3	7.0	7.7	7.0	6.6
CLOUD (GO-2425)	6.3	5.0	7.7	7.0	6.0	6.7	5.0	5.7	7.7	7.3	8.3	6.7	6.6
BOMBAY (GO-22B23)	6.7	5.0	7.7	7.3	6.0	6.3	5.3	5.3	7.0	7.3	8.0	7.0	6.6
DLFPS-340/3494	6.7	6.0	6.3	7.3	6.7	6.0	5.3	5.7	6.7	7.7	8.0	6.7	6.6
A11-26	6.7	6.0	7.0	7.0	6.0	6.7	4.7	6.0	6.0	8.0	7.7	7.0	6.6
A13-1	6.3	5.0	7.3	7.3	6.0	6.3	5.0	5.0	7.7	7.3	7.7	7.7	6.6
AVIATOR II (NAI-15-84)	6.0	6.3	6.3	7.3	6.0	6.7	5.0	5.7	7.3	7.0	7.7	7.0	6.5
J-2726	6.7	7.0	7.3	7.3	6.7	5.7	3.0	6.0	7.7	7.3	6.7	7.0	6.5
AKB3241	7.0	6.3	6.7	7.7	5.7	6.7	5.0	5.3	6.3	7.3	7.3	6.7	6.5
SKYE	6.7	6.0	6.7	7.0	5.7	6.0	5.0	5.3	7.0	8.0	7.7	7.0	6.5
AKB3128	6.0	5.7	6.0	6.3	5.7	6.3	6.0	5.3	8.0	7.3	7.7	7.3	6.5
DLFPS-340/3500	6.7	6.0	7.3	7.0	6.0	5.3	5.0	6.0	6.7	7.3	8.0	6.3	6.5
NAI-15-80	6.0	5.7	7.0	7.0	5.7	6.7	6.0	5.0	7.0	8.0	7.7	6.0	6.5
BAR PP 79366	7.0	4.7	6.3	7.0	6.0	5.7	4.0	6.0	8.0	7.7	8.3	7.0	6.5
DLFPS-340/3548	6.3	5.0	7.3	7.0	5.7	6.0	5.3	5.7	8.0	7.7	6.7	7.0	6.5
A15-6	5.7	6.0	6.3	7.0	6.7	6.3	3.0	6.3	7.0	8.3	8.0	6.3	6.4



TABLE 16.  
(CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/												MEAN
	AR1	CT1	IA1	IN1	MI1	NC1	ND1	NE1	NJ2	OK1	TN1	UT1	
AKB3179	6.0	5.0	7.3	6.3	6.0	6.3	5.0	5.7	7.0	7.7	7.3	7.0	6.4
PST-11-7	6.7	6.7	6.7	7.0	7.0	6.0	5.3	5.3	5.7	7.3	6.3	6.3	6.4
DLFPS-340/3553	5.7	6.0	7.0	6.7	5.3	5.3	5.3	5.3	7.3	7.7	8.0	6.3	6.3
PST-T14-39	6.0	7.0	7.0	6.3	5.3	5.0	5.7	4.7	7.7	7.7	8.0	5.7	6.3
BLUE KNIGHT	6.3	7.0	6.7	7.0	6.0	7.0	3.0	5.0	7.0	7.3	6.0	7.3	6.3
DLFPS-340/3551	6.3	6.3	6.7	7.0	6.0	7.0	3.0	5.7	7.3	8.0	6.7	5.7	6.3
KH3492	6.0	5.7	8.0	7.0	5.0	5.7	6.0	5.3	6.0	7.7	7.3	5.3	6.3
YELLOWSTONE (A12-7)	6.3	5.3	6.7	6.3	6.3	6.0	5.0	5.3	7.0	7.0	7.3	6.3	6.3
PST-K15-172	6.3	5.7	8.0	7.0	6.0	5.7	4.0	5.0	6.7	7.7	6.7	6.3	6.3
DLFPS-340/3438	5.3	5.0	7.0	6.0	5.3	6.3	5.3	5.0	8.7	7.7	7.3	5.7	6.2
DLFPS-340/3446	6.3	5.7	6.7	7.0	5.3	6.3	4.0	5.3	6.7	7.0	8.0	6.3	6.2
A16-1	6.0	5.3	6.0	6.0	5.7	6.7	5.3	5.0	7.3	7.7	7.3	6.0	6.2
DLFPS-340/3552	6.3	4.7	7.3	7.0	6.0	5.7	4.0	5.7	7.0	7.0	7.0	6.7	6.2
A16-2	6.0	5.3	7.0	6.7	5.3	6.0	5.3	5.0	6.3	7.3	7.7	5.7	6.1
PST-K13-141	5.3	5.3	7.0	7.0	5.3	6.0	5.3	5.0	7.0	7.0	7.3	5.7	6.1
FINISH LINE (NAI-14-178)	6.3	6.3	7.0	6.0	5.3	5.3	5.0	5.7	6.0	7.7	7.7	5.0	6.1
JERSEY (NAI-A16-3)	6.0	5.0	6.3	6.0	6.0	6.3	5.3	5.7	6.7	7.7	6.3	5.7	6.1
ORION (PST-K13-143)	6.7	5.7	7.0	6.7	6.0	5.0	4.7	5.3	6.3	7.0	6.7	6.0	6.1
NK-1	5.0	5.3	5.7	6.3	4.3	6.0	4.0	5.3	8.3	8.3	7.7	6.3	6.1
SYRAH (LTP-11-41)	6.7	5.0	8.0	6.3	5.3	5.0	4.0	4.7	7.3	7.3	7.0	5.7	6.0
SHAMROCK	6.0	5.3	6.3	7.0	5.7	4.3	5.3	5.3	6.7	7.3	7.0	5.7	6.0
A11-38	6.0	5.3	6.7	6.7	5.3	6.7	5.0	5.0	4.7	7.3	7.0	6.3	6.0
BABE	5.7	5.7	6.3	6.7	5.7	4.7	5.0	5.3	6.3	7.3	6.7	6.0	5.9
ELECTRIC (PST-K11-118)	6.0	5.3	6.7	6.0	5.3	5.7	4.7	5.0	4.7	8.0	8.0	6.0	5.9
PALOMA (PST-K13-139)	5.7	5.0	7.0	6.0	5.0	6.3	5.0	5.0	6.7	7.3	7.0	5.3	5.9
DLFPS-340/3455	6.0	5.0	6.3	5.7	5.0	4.7	6.0	4.7	7.7	7.7	7.3	5.0	5.9
A11-40	5.7	4.7	6.7	6.0	5.0	5.7	6.0	4.7	7.0	7.7	7.0	4.7	5.9
BAR PP 7K426	5.0	4.7	6.0	6.3	5.0	5.0	6.0	5.3	6.7	7.0	7.3	6.0	5.9
DLFPS-340/3444	5.7	5.3	6.0	6.3	6.0	6.0	5.0	5.7	4.0	7.3	7.0	5.7	5.8
RAD-1776	5.7	5.0	6.7	5.0	5.0	5.0	5.7	5.0	7.0	7.3	7.0	4.7	5.8
RAD 553	5.7	5.0	6.7	5.7	5.0	4.7	5.0	5.0	6.3	7.3	7.0	5.0	5.7
DLFPS-340/3549	5.7	5.0	6.7	6.0	5.0	4.3	5.0	5.0	6.3	7.0	6.3	5.7	5.7
BAR PP 7236V	5.7	4.7	6.3	5.0	5.0	4.3	6.0	4.3	5.7	7.7	7.3	6.0	5.7
SELWAY	5.7	6.3	6.3	5.7	5.0	4.7	3.0	5.0	6.3	7.3	7.3	4.7	5.6
BAR PP 7309V	5.3	4.3	6.7	5.7	4.7	3.7	6.0	5.0	6.7	7.7	7.3	4.3	5.6
BARSERATI (BAR PP 110358)	6.0	5.0	6.3	5.0	5.0	4.0	5.7	4.7	6.7	7.7	7.7	3.3	5.6
A16-17	5.7	4.7	8.0	5.0	4.7	4.0	4.0	5.0	6.0	7.3	7.7	4.0	5.5
BARVETTE HGT®	5.0	4.7	6.3	4.7	4.0	4.0	6.0	4.7	5.7	7.0	7.7	4.3	5.3
BAR PP 71213	5.0	4.0	6.0	4.3	4.7	4.0	5.0	5.0	5.0	7.7	7.0	5.3	5.3
KENBLUE	5.3	4.7	6.7	4.7	4.0	3.3	3.0	4.0	5.0	7.3	7.0	3.7	4.9
LSD VALUE	1.2	1.3	1.3	0.7	0.7	1.5	0.6	0.7	1.2	1.0	1.0	1.2	0.3
C.V. (%)	11.6	13.1	11.5	6.2	7.4	15.6	7.3	8.1	10.6	8.4	8.2	11.5	10.3

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

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

TABLE 17.

 SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 2020 DATA

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

NAME	CT1	IA1	IN1	NJ1	OK1	UT1	MEAN
BARVETTE HGT®	8.0	7.7	6.0	8.0	7.3	6.3	7.2
FINISH LINE (NAI-14-178)	7.7	7.0	9.0	7.7	7.0	4.7	7.2
PPG-KB 1304	8.0	7.3	6.3	8.3	6.3	5.3	6.9
A11-40	7.3	7.7	7.7	6.7	6.0	5.3	6.8
SHAMROCK	7.3	6.7	8.0	6.7	7.0	4.7	6.7
KENBLUE	6.3	7.3	5.7	9.0	6.3	5.3	6.7
RAD-1776	6.7	6.3	6.7	8.0	7.3	4.7	6.6
A16-2	7.0	5.3	7.7	7.0	7.0	5.3	6.6
A16-1	6.7	6.3	8.0	7.0	5.7	5.3	6.5
BAR PP 7236V	6.7	7.7	4.3	8.0	7.3	5.0	6.5
KH3492	7.0	6.7	7.0	7.0	7.0	4.0	6.4
DLFPS-340/3553	6.3	6.7	7.3	8.0	6.7	3.7	6.4
BARSERATI (BAR PP 110358)	7.0	6.3	5.7	8.0	6.7	4.7	6.4
DLFPS-340/3444	6.7	6.3	7.7	7.0	6.3	4.0	6.3
NAI-15-80	6.7	5.7	8.3	6.3	7.0	3.7	6.3
BABE	6.7	7.0	7.7	6.3	5.3	4.3	6.2
PST-T14-39	6.7	4.7	6.3	8.0	6.3	4.7	6.1
BAR PP 71213	5.7	6.3	5.0	8.0	6.0	5.3	6.1
DUBLIN (PST-K15-157)	7.0	5.7	8.0	6.7	6.0	3.0	6.1
BAR PP 7309V	6.3	5.3	7.0	5.0	6.7	6.0	6.1
ELECTRIC (PST-K11-118)	5.3	6.7	6.7	7.7	5.7	4.0	6.0
ORION (PST-K13-143)	5.7	5.7	6.7	7.0	6.7	4.3	6.0
YELLOWSTONE (A12-7)	6.3	5.7	7.3	6.3	6.3	4.0	6.0
DLFPS-340/3455	7.0	5.7	5.7	7.3	6.0	4.0	5.9
SYRAH (LTP-11-41)	6.0	5.7	6.7	4.7	7.0	5.7	5.9
A06-8	6.3	6.0	7.7	4.7	6.3	4.7	5.9
AKB3128	6.3	5.3	5.3	7.3	6.3	5.0	5.9
JERSEY (NAI-A16-3)	6.0	5.7	7.0	6.3	6.0	4.3	5.9
A15-6	6.3	6.0	6.3	6.0	6.7	4.0	5.9
A10-280	7.7	6.0	5.7	4.3	7.3	4.0	5.8
DLFPS-340/3446	5.3	5.7	6.3	6.0	6.0	5.7	5.8
SKYE	6.0	5.7	6.0	5.7	6.0	5.7	5.8
A16-17	7.3	5.7	6.0	8.0	3.0	4.7	5.8
A99-2897	5.7	5.3	8.3	5.3	6.3	3.3	5.7
BOMBAY (GO-22B23)	4.3	7.0	4.7	6.0	6.0	6.3	5.7
PALOMA (PST-K13-139)	6.0	5.7	5.3	6.3	5.3	5.7	5.7
AKB3241	4.3	6.3	5.7	6.7	6.3	4.7	5.7
PIVOT	4.7	5.7	7.0	6.0	5.7	5.0	5.7
SELWAY	5.3	5.3	4.3	8.0	5.7	4.7	5.6
AVIATOR II (NAI-15-84)	6.3	7.0	7.0	3.0	5.3	4.7	5.6
PST-K13-141	6.0	5.0	5.7	6.0	6.3	4.0	5.5
A11-38	5.7	6.0	6.7	5.3	5.7	3.3	5.4
DLFPS-340/3438	5.7	6.0	5.3	6.0	6.0	3.7	5.4
DLFPS-340/3551	6.3	6.3	5.3	5.3	5.0	4.3	5.4
BAR PP 7K426	5.0	5.3	6.0	4.7	6.3	5.0	5.4
NK-1	6.3	5.0	5.3	5.3	6.0	4.0	5.3
DLFPS-340/3548	5.3	6.7	4.0	5.3	6.0	4.3	5.3
DLFPS-340/3550	5.0	4.3	7.7	6.0	4.7	3.7	5.2
DLFPS-340/3552	5.7	4.7	6.0	5.0	5.7	4.3	5.2

TABLE 17.  
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	CT1	IA1	IN1	NJ1	OK1	UT1	MEAN
STARR (GO-2628)	4.0	4.7	5.3	6.3	5.7	5.3	5.2
A16-7	4.7	6.0	8.0	2.7	6.3	3.3	5.2
RAD 553	5.3	4.3	4.0	5.0	6.3	6.0	5.2
A12-34	5.0	5.0	5.0	5.7	6.3	3.7	5.1
CLOUD (GO-2425)	5.0	5.7	4.3	5.3	4.7	5.7	5.1
DLFPS-340/3364	5.3	7.3	7.3	3.0	5.0	2.7	5.1
PST-11-7	4.7	6.3	7.7	3.7	5.0	2.7	5.0
A13-1	5.0	5.3	5.3	4.0	6.0	3.7	4.9
BLUE KNIGHT	3.3	6.3	7.7	2.3	7.0	2.7	4.9
AFTER MIDNIGHT	4.3	6.3	7.7	2.7	5.7	2.3	4.8
DLFPS-340/3549	6.0	5.0	3.3	5.0	6.0	3.3	4.8
A11-26	4.3	5.3	3.0	5.3	6.3	4.0	4.7
NAI-14-122	5.7	4.7	3.7	4.7	6.0	3.7	4.7
NEW MOON (PST-K15-177)	5.7	4.7	6.7	3.3	3.0	4.7	4.7
PPG-KB 1320	2.7	4.7	7.3	4.0	6.3	2.7	4.6
NURUSH (J-3510)	3.0	4.3	7.7	2.0	6.3	4.3	4.6
PROSPERITY	3.7	5.0	8.0	1.7	5.3	4.0	4.6
AKB3179	5.0	4.3	4.7	4.0	6.3	3.0	4.6
PPG-KB 1131	3.3	5.3	6.7	1.0	6.3	4.3	4.5
BLUE GEM (NAI-13-9)	2.7	4.7	7.7	1.3	6.7	3.7	4.4
J-1319	3.3	5.3	8.0	1.7	6.3	2.0	4.4
BLUE DEVIL	2.7	5.3	7.7	1.3	6.0	3.3	4.4
DLFPS-340/3556	5.3	4.0	5.0	1.3	6.3	4.3	4.4
TWILIGHT (NAI-13-132)	3.3	4.0	7.7	1.3	5.7	4.3	4.4
BAR PP 79494	3.0	5.0	8.0	1.0	6.0	3.0	4.3
MIDNIGHT	3.0	5.0	7.3	1.0	6.0	3.7	4.3
NAI-14-132	5.3	5.0	4.0	2.7	5.7	3.0	4.3
AMAZE (NAI-14-133)	5.3	5.0	4.0	2.3	6.0	2.7	4.2
DLFPS-340/3500	5.0	5.0	4.3	1.7	5.7	3.7	4.2
J-2726	3.7	6.7	6.7	1.3	5.7	1.3	4.2
NAI-14-128	5.3	4.7	4.3	2.3	6.0	2.7	4.2
PST-K15-172	5.3	5.0	2.7	4.7	4.3	3.3	4.2
HEARTLAND (NAI-14-187)	4.0	5.0	3.0	3.0	5.7	4.0	4.1
UNITED (NAI-13-14)	2.3	4.3	7.3	1.0	6.0	3.7	4.1
COMANCHE (NAI-14-176)	4.3	5.3	3.7	2.7	6.0	2.3	4.1
DLFPS-340/3494	3.7	5.0	5.7	1.0	6.0	3.0	4.1
J-1138	2.3	5.3	7.3	1.0	5.3	2.7	4.0
MVS-130	3.7	4.3	4.3	2.7	5.7	3.0	3.9
BAR PP 79366	4.0	4.7	3.7	1.3	5.3	3.3	3.7
PST-K15-167	2.7	5.0	4.3	2.3	3.0	2.3	3.3
LSD VALUE	1.3	1.6	1.5	1.5	1.3	1.4	0.6
C.V. (%)	15.0	17.6	15.5	19.8	13.4	21.3	16.8

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 18.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	AR1	CT1	IA1	MI1	NC1	NE1	OK1	TN1	UT1	MEAN
SELWAY	6.3	8.3	7.7	8.0	8.0	6.3	7.0	4.7	8.0	7.1
BARVETTE HGT®	6.3	7.0	7.3	7.7	8.0	7.0	7.3	5.7	8.0	7.1
KENBLUE	6.0	7.0	7.7	7.7	8.0	7.0	6.3	5.7	8.3	7.1
FINISH LINE (NAI-14-178)	6.3	7.3	7.3	7.0	7.7	6.7	7.0	5.0	8.3	7.0
ORION (PST-K13-143)	6.3	7.0	8.0	6.7	6.7	6.7	7.0	5.3	7.0	6.7
A11-40	6.3	7.3	7.7	6.3	7.0	6.7	7.0	5.0	7.0	6.7
A16-17	6.0	6.7	7.3	6.7	7.7	6.0	7.0	5.0	7.7	6.7
CLOUD (GO-2425)	6.0	7.7	7.0	6.7	7.3	6.7	7.0	5.0	6.3	6.6
DUBLIN (PST-K15-157)	5.7	7.0	8.0	6.3	7.3	6.7	7.0	5.0	6.7	6.6
PST-K13-141	5.7	6.7	7.0	6.7	8.0	6.3	7.0	5.0	7.3	6.6
STARR (GO-2628)	6.3	6.3	7.7	6.3	7.0	7.0	7.3	5.3	6.3	6.6
SYRAH (LTP-11-41)	6.7	6.7	7.3	6.3	6.7	7.0	7.0	5.0	7.0	6.6
BARSERATI (BAR PP 110358)	6.0	6.7	7.7	6.0	8.0	6.3	7.3	5.0	6.3	6.6
RAD-1776	6.0	7.7	6.7	6.0	7.0	6.3	7.3	5.3	7.0	6.6
BOMBAY (GO-22B23)	6.7	7.0	6.7	6.0	7.0	6.7	7.0	5.3	7.0	6.6
PST-T14-39	6.3	7.0	7.7	6.0	7.3	6.3	7.0	5.0	6.7	6.6
RAD 553	5.7	6.3	7.0	7.0	7.3	6.7	6.7	5.0	7.7	6.6
DLFPS-340/3552	6.3	6.3	7.3	6.3	7.7	5.0	7.0	5.7	7.0	6.5
AKB3179	5.7	7.0	7.7	6.3	7.3	6.0	7.3	4.7	6.3	6.5
PALOMA (PST-K13-139)	5.3	6.3	7.3	7.0	6.3	7.0	7.0	5.0	7.0	6.5
BLUE KNIGHT	6.0	6.7	7.0	7.3	6.3	6.0	7.0	5.0	6.7	6.4
J-1138	7.3	6.7	7.7	6.0	6.7	5.7	7.0	5.3	5.7	6.4
NAI-15-80	5.3	7.3	7.3	6.7	6.3	6.3	7.0	5.0	6.7	6.4
BAR PP 79494	7.0	6.3	7.7	5.7	7.0	5.7	7.3	5.0	6.0	6.4
DLFPS-340/3455	6.0	6.3	7.0	7.0	7.0	6.0	7.0	5.0	6.3	6.4
A11-26	6.0	7.3	7.7	6.0	7.3	5.0	7.0	5.0	6.0	6.4
NEW MOON (PST-K15-177)	6.7	7.7	7.0	6.7	6.0	5.3	7.0	5.0	6.0	6.4
NURUSH (J-3510)	6.3	6.7	7.3	5.7	6.3	6.0	7.0	5.3	6.7	6.4
PPG-KB 1320	6.3	6.3	7.3	6.7	6.3	5.3	6.7	5.3	7.0	6.4
BABE	6.0	6.7	6.7	6.0	7.0	6.0	7.3	4.7	6.7	6.3
PPG-KB 1131	6.7	6.7	7.0	6.0	6.7	5.7	7.0	5.0	6.3	6.3
A11-38	6.0	6.3	7.7	5.7	6.7	6.0	7.0	5.0	6.3	6.3
BAR PP 7236V	5.7	6.7	7.3	5.3	7.3	6.3	7.0	5.0	6.0	6.3
ELECTRIC (PST-K11-118)	6.3	6.3	7.0	5.0	7.0	6.7	7.3	5.0	6.0	6.3
JERSEY (NAI-A16-3)	6.0	6.3	7.3	5.3	6.7	6.3	7.0	5.0	6.3	6.3
A16-1	6.0	7.0	7.7	6.0	6.3	5.7	6.7	5.0	6.0	6.3
SKYE	6.3	6.7	7.3	6.0	6.0	6.0	7.0	5.0	6.0	6.3
BLUE GEM (NAI-13-9)	6.0	7.0	7.7	5.0	6.0	6.0	7.0	5.3	6.0	6.2
DLFPS-340/3549	6.0	6.0	7.7	6.0	7.0	6.0	7.0	5.0	5.3	6.2
AKB3241	6.3	5.7	7.0	5.7	6.3	6.3	7.0	5.0	6.7	6.2
BAR PP 7309V	5.7	6.3	7.7	5.3	7.0	4.7	7.3	5.3	6.7	6.2
DLFPS-340/3553	6.3	7.0	7.0	5.0	6.3	6.0	7.0	5.3	6.0	6.2
KH3492	6.3	6.7	7.3	5.7	7.3	4.7	7.3	5.0	5.7	6.2
PROSPERITY	6.3	6.0	7.3	5.3	7.0	5.0	7.0	5.0	7.0	6.2
TWILIGHT (NAI-13-132)	6.3	6.3	7.3	5.3	6.3	5.7	7.0	5.3	6.3	6.2
DLFPS-340/3500	6.0	6.7	7.7	5.7	6.7	5.0	7.0	5.3	5.7	6.2
NAI-14-128	5.0	6.0	7.7	6.0	6.3	6.3	7.3	5.0	6.0	6.2
DLFPS-340/3444	6.0	6.7	7.7	6.0	6.0	5.7	6.7	5.7	5.3	6.2
MIDNIGHT	6.7	6.3	7.3	5.3	6.3	6.0	6.7	5.0	6.0	6.2

TABLE 18.  
(CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	AR1	CT1	IA1	MI1	NC1	NE1	OK1	TN1	UT1	MEAN
PPG-KB 1304	6.0	6.7	7.0	5.3	7.0	5.7	7.0	5.0	6.0	6.2
UNITED (NAI-13-14)	6.0	7.0	7.0	5.0	6.0	6.0	7.0	5.0	6.7	6.2
AKB3128	6.0	6.0	6.7	5.7	6.7	5.7	7.0	5.3	6.3	6.1
DLFPS-340/3446	6.0	6.3	7.3	6.3	6.3	5.7	7.0	4.3	6.0	6.1
DLFPS-340/3551	6.3	6.0	7.3	5.7	6.7	5.0	7.0	5.7	5.7	6.1
BAR PP 79366	6.7	6.7	7.3	5.7	6.3	4.7	7.0	5.3	5.3	6.1
BLUE DEVIL	6.3	6.7	7.0	5.0	6.3	6.3	7.0	4.7	5.7	6.1
DLFPS-340/3494	6.0	5.7	7.0	7.0	6.3	5.0	6.7	5.0	6.3	6.1
SHAMROCK	6.0	6.0	7.3	6.3	6.3	5.3	7.0	4.7	6.0	6.1
AMAZE (NAI-14-133)	6.0	6.0	6.7	5.7	6.7	5.7	7.3	5.3	5.3	6.1
J-2726	6.3	6.7	6.7	6.0	6.7	4.7	7.3	5.3	5.0	6.1
A12-34	6.0	6.7	7.7	5.0	6.7	5.0	7.0	5.0	5.7	6.1
A16-2	6.0	6.0	7.3	5.7	6.0	5.7	7.0	4.7	6.3	6.1
A99-2897	6.0	6.3	8.0	5.7	6.0	5.0	7.0	5.0	5.7	6.1
AFTER MIDNIGHT	6.7	6.3	7.0	5.7	6.3	5.7	7.0	5.0	5.0	6.1
PST-11-7	6.0	6.3	8.0	5.7	6.0	5.7	7.0	4.7	5.3	6.1
YELLOWSTONE (A12-7)	6.3	6.7	7.3	5.3	6.0	5.0	7.3	5.0	5.7	6.1
BAR PP 7K426	5.7	6.3	6.7	5.3	6.7	4.3	7.0	5.3	7.0	6.0
PST-K15-172	6.3	6.0	7.7	5.0	6.7	5.0	7.0	5.0	5.7	6.0
NAI-14-122	5.3	6.3	7.7	5.0	7.0	5.3	7.0	5.0	5.7	6.0
A16-7	6.3	6.3	7.3	5.7	5.7	5.3	6.3	5.0	6.0	6.0
MVS-130	5.3	5.7	7.3	5.7	6.7	5.7	7.0	5.0	5.7	6.0
DLFPS-340/3550	6.3	6.7	7.3	5.0	6.3	5.0	6.7	5.0	5.7	6.0
BAR PP 71213	5.7	6.3	7.3	5.0	6.0	5.3	7.0	5.3	5.7	6.0
HEARTLAND (NAI-14-187)	5.7	6.0	7.0	5.3	6.3	5.3	7.0	5.3	5.7	6.0
A13-1	6.0	6.7	6.7	5.3	6.7	5.0	7.0	5.0	5.0	5.9
A06-8	6.3	6.7	7.0	5.3	6.0	5.0	7.0	4.7	5.3	5.9
AVIATOR II (NAI-15-84)	6.0	6.0	7.0	5.7	5.7	5.0	6.7	5.0	6.0	5.9
COMANCHE (NAI-14-176)	5.7	6.0	7.0	5.3	6.0	6.0	7.3	4.7	5.0	5.9
PIVOT	5.7	6.3	7.3	5.3	5.3	5.3	6.7	5.0	6.0	5.9
DLFPS-340/3364	5.3	6.0	7.7	5.7	5.3	4.3	7.0	5.0	6.3	5.9
DLFPS-340/3548	5.7	6.0	7.0	5.3	6.0	5.0	7.0	5.0	5.7	5.9
J-1319	6.0	6.3	7.7	6.3	5.3	4.3	7.0	5.0	4.7	5.9
A10-280	6.0	6.0	6.7	5.3	7.0	5.3	6.7	5.0	4.3	5.8
DLFPS-340/3556	6.3	6.3	7.3	5.0	5.3	4.7	7.0	5.0	5.3	5.8
NAI-14-132	4.7	6.3	7.0	5.0	6.7	5.0	7.0	5.0	5.7	5.8
DLFPS-340/3438	5.3	6.0	7.0	5.0	6.3	5.0	7.0	5.0	5.3	5.8
A15-6	6.0	5.7	6.7	5.0	5.7	5.3	7.0	5.0	5.3	5.7
PST-K15-167	6.3	5.7	7.0	5.0	5.7	5.0	7.0	4.3	5.3	5.7
NK-1	5.7	5.7	7.3	5.3	5.7	4.7	7.0	5.0	5.0	5.7
LSD VALUE	0.9	1.0	1.1	1.1	1.1	0.9	0.5	0.7	1.0	0.3
C.V. (%)	9.5	9.7	9.0	11.9	10.3	9.9	4.8	8.3	10.5	9.4

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

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

TABLE 19.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	IN1	ND1	OK1	TN1	MEAN
CLOUD (GO-2425)	7.0	4.7	8.0	8.0	6.9
PPG-KB 1304	6.7	5.0	8.0	8.0	6.9
BOMBAY (GO-22B23)	7.0	5.3	8.0	7.3	6.9
PST-T14-39	5.7	6.0	8.0	7.7	6.8
BLUE GEM (NAI-13-9)	5.7	6.0	8.0	7.3	6.8
ELECTRIC (PST-K11-118)	7.0	5.0	7.7	7.3	6.8
ORION (PST-K13-143)	7.0	5.0	8.0	7.0	6.8
AKB3128	6.3	6.0	7.7	6.7	6.7
BARVETTE HGT®	6.0	6.0	7.7	7.0	6.7
MIDNIGHT	5.3	6.0	7.7	7.7	6.7
STARR (GO-2628)	7.0	5.0	7.7	7.0	6.7
BAR PP 7236V	6.3	6.0	7.3	7.0	6.7
DUBLIN (PST-K15-157)	5.3	6.0	8.0	7.3	6.7
PPG-KB 1131	5.3	5.3	7.7	8.3	6.7
BAR PP 7K426	6.7	6.0	8.0	5.7	6.6
PST-K15-172	6.7	5.0	8.0	6.7	6.6
PST-K15-167	5.3	6.0	8.0	7.0	6.6
SKYE	6.7	5.0	7.7	6.7	6.5
UNITED (NAI-13-14)	5.7	5.0	7.7	7.7	6.5
A06-8	5.0	6.0	7.7	7.3	6.5
A11-26	6.7	5.0	8.0	6.3	6.5
A11-40	5.7	6.0	8.0	6.3	6.5
A16-17	6.7	5.0	8.0	6.3	6.5
A99-2897	6.0	5.0	7.7	7.3	6.5
AKB3179	7.0	5.0	7.7	6.3	6.5
BARSERATI (BAR PP 110358)	5.3	6.0	8.0	6.7	6.5
J-1138	6.0	5.0	7.7	7.3	6.5
MVS-130	6.7	5.0	7.3	7.0	6.5
NAI-15-80	5.7	6.0	7.0	7.3	6.5
PROSPERITY	5.7	5.0	7.3	8.0	6.5
PST-K13-141	6.0	5.0	8.0	7.0	6.5
A12-34	6.3	5.0	7.7	6.7	6.4
A13-1	5.7	5.0	8.0	7.0	6.4
A16-2	5.7	5.0	8.0	7.0	6.4
BAR PP 7309V	7.0	6.0	7.7	5.0	6.4
DLFPS-340/3438	6.3	5.7	8.0	5.7	6.4
DLFPS-340/3455	5.7	6.0	7.7	6.3	6.4
DLFPS-340/3548	5.0	5.7	8.0	7.0	6.4
DLFPS-340/3550	5.7	5.0	7.7	7.3	6.4
KH3492	6.0	6.0	8.0	5.7	6.4
AFTER MIDNIGHT	4.7	5.0	7.7	8.0	6.3
DLFPS-340/3500	6.7	5.0	8.0	5.7	6.3
YELLOWSTONE (A12-7)	6.0	5.0	7.7	6.7	6.3
BAR PP 79366	7.0	4.0	8.0	6.3	6.3
NAI-14-128	6.0	5.0	7.0	7.3	6.3
NURUSH (J-3510)	6.3	5.0	7.0	7.0	6.3
PALOMA (PST-K13-139)	6.3	5.0	7.3	6.7	6.3
PIVOT	6.0	5.3	7.0	7.0	6.3
A11-38	6.3	5.0	7.7	6.0	6.3

TABLE 19.  
(CONT'D)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	IN1	ND1	OK1	TN1	MEAN
A15-6	6.3	4.0	8.0	6.7	6.3
A16-1	5.7	6.0	7.3	6.0	6.3
AMAZE (NAI-14-133)	5.7	5.3	7.3	6.7	6.3
BAR PP 79494	5.0	5.0	7.7	7.3	6.3
DLFPS-340/3364	5.0	5.0	7.7	7.3	6.3
DLFPS-340/3553	5.0	5.0	8.0	7.0	6.3
NAI-14-122	5.3	5.7	7.3	6.7	6.3
RAD 553	5.3	5.0	8.0	6.7	6.3
SYRAH (LTP-11-41)	6.7	4.0	8.0	6.3	6.3
TWILIGHT (NAI-13-132)	4.7	5.0	8.0	7.3	6.3
A16-7	5.3	5.0	7.7	6.7	6.2
AKB3241	5.7	5.0	7.7	6.3	6.2
JERSEY (NAI-A16-3)	7.0	5.7	8.0	4.0	6.2
SELWAY	6.0	4.0	7.3	7.3	6.2
NAI-14-132	5.7	4.3	6.7	7.7	6.1
A10-280	5.0	5.3	7.3	6.7	6.1
BAR PP 71213	6.3	5.0	8.0	5.0	6.1
BLUE DEVIL	5.7	3.3	7.3	8.0	6.1
DLFPS-340/3494	4.0	5.0	8.0	7.3	6.1
DLFPS-340/3549	6.3	5.0	8.0	5.0	6.1
RAD-1776	5.0	6.0	7.3	6.0	6.1
NEW MOON (PST-K15-177)	4.7	5.0	7.7	6.7	6.0
DLFPS-340/3551	6.3	5.0	7.0	5.7	6.0
DLFPS-340/3552	6.7	4.0	7.3	6.0	6.0
SHAMROCK	5.0	5.3	8.0	5.7	6.0
COMANCHE (NAI-14-176)	5.7	6.0	7.0	5.0	5.9
PST-11-7	5.7	6.0	7.3	4.7	5.9
DLFPS-340/3444	5.0	5.0	7.0	6.3	5.8
PPG-KB 1320	6.0	6.0	6.3	5.0	5.8
BABE	5.7	5.0	7.7	4.7	5.8
DLFPS-340/3556	5.7	4.0	7.3	6.0	5.8
KENBLUE	6.3	4.0	6.7	6.0	5.8
FINISH LINE (NAI-14-178)	4.5	4.7	7.3	6.3	5.7
HEARTLAND (NAI-14-187)	5.0	4.7	7.0	6.0	5.7
NK-1	5.3	4.0	7.0	6.3	5.7
AVIATOR II (NAI-15-84)	4.7	4.7	7.0	6.0	5.6
DLFPS-340/3446	6.0	4.0	7.0	5.3	5.6
J-2726	5.7	3.0	7.7	5.7	5.5
BLUE KNIGHT	5.0	3.0	8.0	6.0	5.5
J-1319	5.0	3.0	7.7	6.3	5.5
LSD VALUE	1.3	0.4	0.9	1.7	0.6
C.V. (%)	13.7	4.8	7.6	16.1	11.7

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

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

TABLE 20.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
	CT1	IA1	NC1	ND1	NE1	OK1	TN1	UT1	MEAN
BARVETTE HGT®	6.7	7.7	7.7	7	6.0	8.3	7.3	7.3	7.3
UNITED (NAI-13-14)	7.7	6.0	5.0	6	6.7	7.7	8.0	7.3	6.8
PPG-KB 1131	7.3	5.7	6.0	6	7.7	7.0	8.0	6.3	6.8
BAR PP 79494	7.0	6.7	6.0	7	7.7	6.7	7.3	5.3	6.7
BLUE GEM (NAI-13-9)	7.7	6.3	5.7	7	6.7	6.7	6.0	7.0	6.6
STARR (GO-2628)	7.3	7.0	5.7	6	4.7	6.7	8.0	7.7	6.6
CLOUD (GO-2425)	7.3	5.7	5.7	6	5.0	7.7	8.0	7.3	6.6
AFTER MIDNIGHT	9.0	5.0	5.3	7	6.0	7.3	7.7	5.3	6.6
DLFPS-340/3552	6.7	7.0	5.7	6	7.7	7.0	6.0	6.7	6.6
TWILIGHT (NAI-13-132)	6.7	7.0	4.3	7	6.7	7.3	7.0	6.7	6.6
A99-2897	6.0	6.7	5.3	6	7.7	7.3	8.0	5.3	6.5
DLFPS-340/3550	6.7	6.7	6.3	6	5.7	7.7	7.0	6.3	6.5
BARSERATI (BAR PP 110358)	7.3	5.0	5.7	7	7.3	8.3	6.3	5.0	6.5
BOMBAY (GO-22B23)	7.3	6.3	5.0	6	4.3	7.0	8.0	8.0	6.5
J-1138	7.7	6.0	6.7	7	5.7	7.3	7.0	4.7	6.5
MIDNIGHT	7.0	7.0	4.7	6	7.3	7.3	6.7	5.7	6.5
PPG-KB 1304	6.7	6.7	4.0	6	7.7	7.7	7.3	5.3	6.4
NURUSH (J-3510)	7.0	6.3	5.3	6	7.0	7.3	7.0	5.3	6.4
BAR PP 7K426	6.3	6.7	5.0	7	6.0	7.3	6.7	6.0	6.4
SELWAY	7.0	7.3	4.7	6	6.3	7.3	6.3	6.0	6.4
AKB3241	6.0	7.0	2.3	7	7.7	7.0	6.7	7.0	6.3
PST-K15-172	6.3	7.0	4.3	6	6.7	8.0	6.3	6.0	6.3
PROSPERITY	8.0	6.7	3.0	6	6.7	7.3	6.7	6.0	6.3
DLFPS-340/3553	7.3	6.3	3.0	6	7.7	8.0	6.7	5.3	6.3
NAI-15-80	8.0	6.3	2.3	7	7.0	7.3	6.7	5.7	6.3
BAR PP 7236V	6.3	6.3	4.3	7	6.0	8.0	6.3	5.7	6.3
ELECTRIC (PST-K11-118)	6.7	5.7	4.3	6	7.7	7.7	7.0	5.0	6.3
A16-17	7.0	7.0	3.7	6	5.0	8.0	5.7	7.3	6.2
HEARTLAND (NAI-14-187)	5.7	6.7	3.7	6	7.3	7.0	6.3	7.0	6.2
SKYE	6.7	7.0	3.7	6	6.0	7.0	6.7	6.7	6.2
A06-8	6.7	6.3	3.7	7	6.3	7.7	6.7	5.0	6.2
FINISH LINE (NAI-14-178)	7.0	7.3	2.0	7	4.3	6.3	7.0	8.0	6.1
RAD 553	5.3	6.3	3.7	7	6.7	7.3	5.7	7.0	6.1
SYRAH (LTP-11-41)	7.3	7.3	2.7	6	7.7	7.7	5.3	5.0	6.1
BAR PP 79366	7.3	6.3	5.0	5	3.3	8.3	7.3	6.0	6.1
BLUE DEVIL	6.7	6.3	4.3	5	7.3	6.7	7.3	5.0	6.1
DLFPS-340/3551	6.7	6.0	5.0	6	6.3	7.3	5.7	5.7	6.1
PIVOT	7.3	5.7	2.0	6	8.0	6.3	6.7	6.7	6.1
NAI-14-128	6.7	6.7	2.3	6	8.0	6.7	6.7	5.3	6.0
A11-26	5.3	7.0	5.3	6	7.0	6.0	7.0	4.7	6.0
BAR PP 7309V	5.3	6.0	4.3	7	7.0	6.7	5.7	6.3	6.0
NAI-14-122	6.0	6.0	3.0	6	6.7	7.3	6.7	6.7	6.0
YELLOWSTONE (A12-7)	6.7	6.0	4.3	7	6.0	6.3	6.3	5.3	6.0
A10-280	5.0	6.3	5.3	6	6.7	7.3	7.3	4.0	6.0
DLFPS-340/3500	7.0	6.0	4.0	6	3.0	8.3	7.3	6.0	6.0
AMAZE (NAI-14-133)	6.3	6.3	2.3	6	7.7	7.3	6.7	5.0	6.0
BABE	7.0	6.0	3.3	7	6.7	7.0	5.0	5.3	5.9
ORION (PST-K13-143)	7.0	6.3	2.0	6	7.7	7.3	5.0	6.0	5.9
PST-T14-39	5.7	6.3	3.7	6	7.3	6.7	7.3	4.3	5.9



TABLE 20.  
(CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
	CT1	IA1	NC1	ND1	NE1	OK1	TN1	UT1	MEAN
NAI-14-132	6.7	6.0	2.0	6	7.0	6.7	6.3	6.3	5.9
A12-34	5.7	5.7	3.7	6	7.7	6.7	6.7	5.0	5.9
DLFPS-340/3455	6.0	7.0	3.0	7	7.7	6.3	5.3	4.7	5.9
NEW MOON (PST-K15-177)	7.0	6.3	3.0	6	6.0	6.7	6.7	5.3	5.9
PST-K13-141	5.3	6.7	4.0	6	6.0	7.0	6.3	5.3	5.8
A15-6	6.0	5.0	4.3	6	5.7	6.7	7.3	5.7	5.8
DLFPS-340/3556	6.0	7.7	3.7	6	6.0	6.7	6.0	4.7	5.8
MVS-130	4.7	6.7	3.3	6	6.3	6.7	6.7	6.3	5.8
AVIATOR II (NAI-15-84)	6.3	6.0	2.3	6	7.7	6.0	6.7	5.7	5.8
AKB3179	6.7	7.7	2.7	7	4.7	7.0	6.0	4.7	5.8
RAD-1776	7.0	6.3	2.7	7	6.3	6.3	4.7	6.0	5.8
A13-1	5.3	5.7	4.0	6	5.3	6.7	7.3	5.7	5.8
A16-2	7.0	7.3	2.0	6	5.7	6.3	6.0	5.7	5.8
A11-40	7.7	6.0	2.0	6	6.0	6.7	5.0	6.3	5.7
KH3492	7.7	7.0	3.7	6	5.3	6.0	5.7	4.3	5.7
BAR PP 71213	6.7	5.7	3.3	7	4.3	7.7	6.0	5.0	5.7
PALOMA (PST-K13-139)	6.3	6.3	1.0	6	6.7	6.3	6.0	7.0	5.7
A16-1	6.7	6.3	2.0	7	6.3	6.7	5.7	4.3	5.6
NK-1	5.3	6.3	3.0	5	6.3	7.3	6.3	5.3	5.6
J-2726	7.7	5.7	4.0	6	5.3	6.7	5.0	4.3	5.6
A16-7	6.0	6.0	3.3	6	6.3	7.3	6.0	3.7	5.6
COMANCHE (NAI-14-176)	5.3	6.3	2.7	6	7.3	6.7	5.3	5.0	5.6
DLFPS-340/3494	5.0	5.3	3.3	6	5.0	7.0	7.0	6.0	5.6
PPG-KB 1320	7.7	6.3	1.7	6	6.7	6.3	4.7	5.3	5.6
AKB3128	5.0	5.7	4.3	7	4.3	6.7	7.0	4.3	5.5
PST-K15-167	6.0	6.3	4.0	7	6.0	6.7	5.3	3.0	5.5
DLFPS-340/3446	6.0	5.3	2.7	6	6.3	7.0	6.0	5.0	5.5
DLFPS-340/3438	6.0	5.0	3.3	6	7.0	6.3	6.0	4.3	5.5
DLFPS-340/3548	6.3	6.3	2.7	6	7.3	6.3	4.7	4.3	5.5
DUBLIN (PST-K15-157)	5.3	6.3	2.3	7	6.7	6.7	5.7	3.7	5.5
SHAMROCK	7.3	5.7	2.7	6	5.3	7.0	4.7	5.0	5.5
DLFPS-340/3364	5.3	5.7	2.7	6	6.7	7.0	6.7	3.7	5.5
DLFPS-340/3549	5.7	6.3	3.3	6	7.0	6.7	3.3	5.0	5.4
JERSEY (NAI-A16-3)	6.3	6.3	2.7	6	6.7	6.0	4.0	5.0	5.4
PST-11-7	6.7	5.7	2.3	7	6.3	7.7	4.0	3.3	5.4
DLFPS-340/3444	6.0	6.0	3.0	5	6.0	6.3	5.0	4.7	5.3
BLUE KNIGHT	5.7	5.3	2.7	6	5.7	7.7	4.3	4.3	5.2
A11-38	5.7	6.0	2.0	6	4.3	6.7	5.0	5.7	5.2
J-1319	7.0	6.0	3.0	5	5.3	5.7	5.3	3.7	5.1
KENBLUE	5.3	7.0	3.3	5	3.0	5.7	6.0	4.0	4.9
LSD VALUE	1.6	1.4	1.7	0	1.7	1.4	1.9	2.7	0.6
C.V. (%)	14.8	14.2	27.6	0	16.2	12.3	19.2	30.0	17.5

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

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

TABLE 21.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	IN1	MI1	ND1	NE1	OK1	TN1	
BAR PP 7236V	7.7	9.0	7.0	7.0	7.0	6.0	7.3
BARVETTE HGT®	7.7	9.0	7.0	6.7	7.0	6.3	7.3
CLOUD (GO-2425)	6.7	8.3	6.0	7.3	7.3	7.7	7.2
PPG-KB 1304	7.3	8.7	6.0	7.3	7.3	6.3	7.2
BARSERATI (BAR PP 110358)	7.3	8.0	7.0	7.7	7.3	5.3	7.1
BOMBAY (GO-22B23)	7.3	9.0	6.0	6.0	7.0	7.3	7.1
RAD-1776	7.7	8.3	7.0	7.3	7.3	5.0	7.1
STARR (GO-2628)	7.0	8.0	6.0	7.0	7.0	7.0	7.0
BAR PP 7K426	6.0	8.3	7.0	7.0	7.0	6.3	6.9
A10-280	7.0	8.3	6.0	6.3	7.3	6.7	6.9
ELECTRIC (PST-K11-118)	6.0	8.7	6.0	6.7	7.7	6.3	6.9
PST-K15-172	7.3	8.7	6.0	7.0	7.0	5.3	6.9
A16-17	7.3	8.0	6.0	7.0	7.0	6.0	6.9
SKYE	7.0	9.0	6.0	6.3	7.0	6.0	6.9
BLUE DEVIL	5.3	8.3	6.0	7.3	7.3	6.7	6.8
DLFPS-340/3438	8.0	7.7	6.0	7.0	7.3	5.0	6.8
RAD 553	6.0	8.3	7.0	6.7	7.3	5.7	6.8
A13-1	5.7	7.7	7.0	6.3	7.0	7.0	6.8
A99-2897	4.7	7.7	7.0	7.3	7.0	7.0	6.8
AKB3179	7.7	7.7	6.0	6.7	7.0	5.7	6.8
PALOMA (PST-K13-139)	7.0	8.7	6.0	6.3	7.0	5.7	6.8
A11-26	7.3	6.7	6.7	6.3	7.0	6.3	6.7
NAI-14-128	5.7	7.0	7.0	7.7	7.0	6.0	6.7
SELWAY	6.0	9.0	6.0	6.3	7.7	5.3	6.7
BAR PP 79494	4.3	6.0	7.0	8.3	6.7	8.0	6.7
NAI-14-122	4.3	8.7	7.0	7.7	7.0	5.3	6.7
SYRAH (LTP-11-41)	6.3	7.7	7.0	7.0	7.0	5.0	6.7
PST-K13-141	6.3	8.7	6.0	6.3	7.0	5.7	6.7
YELLOWSTONE (A12-7)	5.7	8.0	6.0	6.7	7.0	6.3	6.6
BAR PP 79366	6.7	8.3	6.0	4.0	7.7	7.0	6.6
AKB3128	6.7	7.7	6.0	6.0	7.0	6.0	6.6
DLFPS-340/3552	6.7	7.0	5.0	8.0	7.3	5.3	6.6
MIDNIGHT	4.0	7.3	7.0	7.7	7.3	6.0	6.6
MVS-130	6.7	6.3	6.0	6.7	7.3	6.3	6.6
NAI-14-132	5.0	7.7	6.3	7.7	7.0	5.7	6.6
UNITED (NAI-13-14)	3.0	7.7	7.0	7.0	7.3	7.3	6.6
JERSEY (NAI-A16-3)	7.0	8.0	6.0	7.0	7.7	3.7	6.6
NK-1	6.7	7.3	6.0	6.3	7.0	6.0	6.6
PPG-KB 1131	3.7	8.0	6.0	7.7	7.0	7.0	6.6
DLFPS-340/3553	4.7	6.7	6.0	7.3	8.0	6.3	6.5
AMAZE (NAI-14-133)	5.0	7.3	6.0	7.3	7.0	6.3	6.5
DLFPS-340/3446	5.3	8.0	6.0	6.3	7.7	5.7	6.5
DLFPS-340/3551	5.3	8.3	5.0	7.0	7.7	5.3	6.4
BAR PP 7309V	7.0	6.3	7.0	7.0	7.0	4.3	6.4
DLFPS-340/3548	7.3	7.0	6.0	6.7	7.0	4.7	6.4
AFTER MIDNIGHT	2.3	7.0	6.0	7.3	7.3	8.3	6.4
BAR PP 71213	8.0	6.7	6.0	5.7	7.0	5.0	6.4
DLFPS-340/3455	5.7	7.7	6.0	7.0	7.0	5.0	6.4
NAI-15-80	4.0	7.0	7.0	7.0	7.0	6.3	6.4

TABLE 21.  
(CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	IN1	MI1	ND1	NE1	OK1	TN1	
PST-T14-39	4.7	5.0	7.0	7.0	7.0	7.7	6.4
AKB3241	5.3	6.7	6.0	7.7	7.0	5.3	6.3
A06-8	4.3	7.3	6.0	6.7	6.7	7.0	6.3
A16-2	4.7	7.0	6.0	6.7	7.0	6.7	6.3
DLFPS-340/3500	7.0	7.0	6.0	4.3	7.0	6.7	6.3
NEW MOON (PST-K15-177)	5.0	6.7	6.0	6.7	7.0	6.7	6.3
ORION (PST-K13-143)	6.3	7.0	7.0	6.3	7.0	4.3	6.3
PST-K15-167	4.7	7.3	7.0	6.3	7.0	5.7	6.3
BABE	4.7	7.3	6.0	7.7	7.3	4.7	6.3
COMANCHE (NAI-14-176)	5.0	7.3	7.0	7.0	7.0	4.3	6.3
DLFPS-340/3550	5.3	7.0	6.0	5.7	7.3	6.3	6.3
PIVOT	4.0	7.0	6.0	7.7	7.3	5.7	6.3
DLFPS-340/3549	7.0	7.0	6.0	7.0	7.3	3.0	6.2
DUBLIN (PST-K15-157)	4.0	8.0	6.0	6.0	7.0	6.3	6.2
A12-34	3.7	8.0	6.0	7.3	6.7	5.7	6.2
BLUE GEM (NAI-13-9)	2.3	6.7	7.0	7.0	7.3	7.0	6.2
A11-38	4.3	8.0	6.0	5.7	7.0	6.0	6.2
A15-6	4.3	6.3	6.0	6.3	7.0	7.0	6.2
PROSPERITY	4.3	6.3	6.0	7.0	7.0	6.3	6.2
TWILIGHT (NAI-13-132)	2.7	7.7	7.0	7.3	7.0	5.3	6.2
DLFPS-340/3364	4.7	6.3	6.0	6.7	7.0	6.0	6.1
AVIATOR II (NAI-15-84)	4.3	6.0	6.0	8.0	7.0	5.3	6.1
KH3492	5.0	7.0	6.0	7.0	7.7	4.0	6.1
NURUSH (J-3510)	3.0	7.3	6.0	7.3	7.0	6.0	6.1
J-1138	3.7	7.3	6.0	6.7	7.0	5.7	6.1
KENBLUE	7.0	7.7	5.0	4.7	7.0	5.0	6.1
A11-40	2.3	8.0	7.0	7.3	7.0	4.3	6.0
DLFPS-340/3444	4.3	6.7	6.0	7.0	7.0	5.0	6.0
HEARTLAND (NAI-14-187)	3.3	7.0	6.0	7.3	7.0	5.3	6.0
FINISH LINE (NAI-14-178)	4.5	6.7	6.0	5.7	7.0	5.3	5.9
A16-7	3.3	6.3	6.0	7.0	7.0	5.3	5.8
A16-1	3.7	5.7	6.0	6.7	7.0	5.7	5.8
DLFPS-340/3556	4.3	6.7	5.0	6.0	7.3	5.0	5.7
J-1319	2.0	7.0	6.0	6.3	7.3	5.3	5.7
DLFPS-340/3494	2.7	5.0	6.0	6.3	7.3	6.3	5.6
BLUE KNIGHT	3.7	5.7	7.0	6.0	7.0	4.0	5.6
PST-11-7	4.7	3.7	7.0	6.3	7.3	4.3	5.6
SHAMROCK	2.7	6.3	7.0	6.7	7.0	3.7	5.6
J-2726	2.3	5.0	6.0	7.3	7.0	5.0	5.4
PPG-KB 1320	3.0	6.7	6.0	6.3	7.3	2.7	5.3
LSD VALUE	1.3	2.3	0.2	1.3	0.6	2.2	0.6
C.V. (%)	15.5	19.2	2.2	11.9	4.9	24.1	14.8

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

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

TABLE 22.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	AR1	ND1	OK1	TN1	VA1	MEAN
BARVETTE HGT®	99.0	90.0	96.7	92.7	99.0	95.5
A06-8	98.7	95.0	93.3	87.3	99.0	94.7
A15-6	97.7	90.0	94.0	92.3	99.0	94.6
A16-2	99.0	90.0	97.7	87.0	99.0	94.5
STARR (GO-2628)	98.7	85.0	98.3	91.3	99.0	94.5
A99-2897	97.7	90.0	97.0	88.3	99.0	94.4
ELECTRIC (PST-K11-118)	99.0	90.0	91.7	90.7	99.0	94.1
PPG-KB 1304	98.7	90.0	96.0	86.7	99.0	94.1
CLOUD (GO-2425)	98.7	83.3	98.0	91.3	99.0	94.1
DLFPS-340/3500	99.0	85.0	95.0	92.3	99.0	94.1
BOMBAY (GO-22B23)	98.7	85.0	94.7	92.0	99.0	93.9
DLFPS-340/3455	99.0	90.0	96.7	84.0	99.0	93.7
MIDNIGHT	99.0	95.0	93.3	81.7	99.0	93.6
AFTER MIDNIGHT	98.3	85.0	95.7	89.7	99.0	93.5
AKB3128	99.0	90.0	94.3	85.3	99.0	93.5
PPG-KB 1131	99.0	90.0	89.7	90.0	99.0	93.5
BARSERATI (BAR PP 110358)	99.0	90.0	94.0	85.0	99.0	93.4
PST-T14-39	96.0	95.0	90.7	89.0	96.0	93.3
BAR PP 7K426	99.0	90.0	95.3	83.3	99.0	93.3
DLFPS-340/3550	97.7	85.0	95.0	91.0	97.7	93.3
DUBLIN (PST-K15-157)	99.0	95.0	87.7	85.7	99.0	93.3
PST-K13-141	99.0	90.0	90.7	87.0	99.0	93.1
RAD 553	99.0	90.0	94.0	83.7	99.0	93.1
A16-1	99.0	90.0	92.3	85.3	99.0	93.1
A13-1	99.0	90.0	89.7	87.3	99.0	93.0
BAR PP 7236V	99.0	90.0	93.0	84.0	99.0	93.0
YELLOWSTONE (A12-7)	99.0	85.0	95.7	85.7	99.0	92.9
UNITED (NAI-13-14)	99.0	85.0	92.3	90.3	97.7	92.9
BAR PP 7309V	99.0	90.0	96.3	79.7	99.0	92.8
BAR PP 79366	99.0	80.0	94.0	92.0	99.0	92.8
BAR PP 79494	99.0	86.7	93.0	86.3	99.0	92.8
BLUE GEM (NAI-13-9)	99.0	90.0	87.7	88.0	99.0	92.7
A11-40	99.0	95.0	91.0	79.3	99.0	92.7
SKYE	99.0	85.0	95.3	85.0	99.0	92.7
PST-K15-167	99.0	90.0	92.7	82.3	99.0	92.6
A10-280	97.3	90.0	88.3	88.0	99.0	92.5
NAI-14-128	98.3	90.0	87.3	88.0	99.0	92.5
NAI-15-80	99.0	90.0	89.7	84.7	99.0	92.5
DLFPS-340/3553	99.0	80.0	95.0	89.0	99.0	92.4
PROSPERITY	97.0	90.0	91.7	84.0	99.0	92.3
AKB3241	97.7	90.0	92.0	82.7	99.0	92.3
BLUE DEVIL	99.0	81.7	91.3	90.3	99.0	92.3
DLFPS-340/3444	99.0	85.0	96.0	82.3	99.0	92.3
NURUSH (J-3510)	99.0	85.0	94.0	84.0	99.0	92.2
KENBLUE	99.0	85.0	93.3	84.3	99.0	92.1
KH3492	99.0	90.0	94.3	77.7	99.0	92.0
DLFPS-340/3552	98.3	80.0	98.0	89.0	94.3	91.9
PALOMA (PST-K13-139)	98.3	85.0	92.3	85.0	99.0	91.9
A16-17	99.0	85.0	93.3	89.3	92.7	91.9
A16-7	99.0	80.0	93.0	87.7	99.0	91.7

TABLE 22.  
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	AR1	ND1	OK1	TN1	VA1	MEAN
SELWAY	99.0	81.7	95.0	83.7	99.0	91.7
AKB3179	98.3	86.7	92.3	82.0	99.0	91.7
A11-38	99.0	90.0	90.3	79.7	99.0	91.6
J-1138	99.0	85.0	90.0	85.0	99.0	91.6
MVS-130	96.3	85.0	88.3	89.3	99.0	91.6
ORION (PST-K13-143)	99.0	90.0	93.3	76.3	99.0	91.5
SYRAH (LTP-11-41)	99.0	85.0	96.7	78.0	99.0	91.5
DLFPS-340/3438	95.7	88.3	92.3	82.0	99.0	91.5
PST-11-7	99.0	95.0	94.7	69.7	99.0	91.5
DLFPS-340/3556	98.3	80.0	93.7	85.7	99.0	91.3
DLFPS-340/3548	99.0	88.3	95.7	74.0	99.0	91.2
BAR PP 71213	99.0	85.0	93.3	79.3	99.0	91.1
DLFPS-340/3494	94.7	85.0	86.0	90.3	99.0	91.0
DLFPS-340/3551	98.0	85.0	94.7	77.7	99.0	90.9
PIVOT	98.7	88.3	83.3	84.7	99.0	90.8
SHAMROCK	99.0	90.0	94.0	75.0	96.0	90.8
NEW MOON (PST-K15-177)	94.0	85.0	89.7	85.7	99.0	90.7
RAD-1776	99.0	90.0	90.0	75.3	99.0	90.7
BABE	99.0	88.3	91.0	75.7	99.0	90.6
TWILIGHT (NAI-13-132)	99.0	85.0	86.0	84.0	99.0	90.6
A11-26	98.0	80.0	91.3	84.3	99.0	90.5
A12-34	97.0	80.0	91.0	85.3	99.0	90.5
HEARTLAND (NAI-14-187)	98.0	88.3	87.7	79.3	99.0	90.5
DLFPS-340/3364	98.3	80.0	85.7	88.3	99.0	90.3
AVIATOR II (NAI-15-84)	98.0	85.0	90.0	78.3	99.0	90.1
JERSEY (NAI-A16-3)	99.0	91.7	94.7	65.7	99.0	90.0
DLFPS-340/3446	97.3	80.0	88.0	85.0	99.0	89.9
NAI-14-122	98.3	90.0	82.0	79.7	99.0	89.8
PST-K15-172	98.3	85.0	92.0	74.7	99.0	89.8
J-1319	97.3	80.0	93.0	78.7	99.0	89.6
AMAZE (NAI-14-133)	97.0	85.0	84.0	82.3	99.0	89.5
COMANCHE (NAI-14-176)	97.7	90.0	83.3	77.3	99.0	89.5
NK-1	98.3	80.0	81.7	87.7	99.0	89.3
NAI-14-132	98.7	81.7	83.3	83.7	99.0	89.3
FINISH LINE (NAI-14-178)	99.0	85.0	84.3	78.7	99.0	89.2
DLFPS-340/3549	99.0	83.3	94.0	69.7	99.0	89.0
BLUE KNIGHT	98.7	90.0	87.3	69.0	99.0	88.8
PPG-KB 1320	99.0	90.0	86.7	65.3	99.0	88.0
J-2726	98.3	80.0	91.7	68.3	99.0	87.5
LSD VALUE	1.5	1.8	7.7	11.9	2.7	2.9
C.V. (%)	1.0	1.3	5.2	8.8	1.7	4.4

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

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

TABLE 23.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

## PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	ND1	OK1	TN1	MEAN
A10-280	96.0	91.7	92.3	94.7	93.7
A13-1	94.3	96.3	93.7	90.3	93.7
PPG-KB 1304	97.0	93.3	84.7	92.7	91.9
AKB3128	94.3	95.0	87.0	91.0	91.8
BARVETTE HGT®	94.3	95.0	81.3	96.7	91.8
A16-17	97.3	95.0	91.0	83.3	91.7
BLUE GEM (NAI-13-9)	96.3	95.0	86.0	88.7	91.5
DLFPS-340/3364	94.7	90.0	88.3	92.0	91.3
PST-K13-141	94.3	95.0	86.7	88.7	91.2
BAR PP 79494	96.7	95.0	82.7	89.7	91.0
AFTER MIDNIGHT	95.3	91.7	86.3	90.3	90.9
A99-2897	92.3	95.0	91.0	84.7	90.8
ELECTRIC (PST-K11-118)	93.7	95.0	83.3	90.3	90.6
BARSERATI (BAR PP 110358)	96.3	95.0	80.7	89.3	90.3
J-1138	92.0	90.0	84.0	95.3	90.3
BAR PP 71213	90.7	93.3	88.7	86.7	89.8
PST-K15-172	91.0	90.0	87.3	91.0	89.8
A11-40	90.3	99.0	85.7	84.0	89.8
BAR PP 79366	88.3	90.0	88.7	92.0	89.8
DLFPS-340/3550	92.3	90.0	80.0	94.7	89.3
NAI-15-80	95.7	95.0	80.0	86.3	89.3
DLFPS-340/3494	96.3	91.7	78.3	90.0	89.1
STARR (GO-2628)	93.7	90.0	80.0	91.7	88.8
AKB3179	90.0	93.3	83.3	88.3	88.8
BAR PP 7K426	88.0	95.0	86.7	85.0	88.7
BOMBAY (GO-22B23)	93.7	90.0	82.0	88.7	88.6
DLFPS-340/3500	91.7	95.0	78.7	87.7	88.3
DLFPS-340/3553	92.3	90.0	83.3	87.0	88.2
NEW MOON (PST-K15-177)	92.3	90.0	84.0	86.3	88.2
PST-K15-167	90.7	95.0	84.0	82.3	88.0
DLFPS-340/3446	94.0	90.0	81.0	85.3	87.6
FINISH LINE (NAI-14-178)	93.0	99.0	76.7	80.7	87.3
RAD 553	93.0	95.0	75.7	85.7	87.3
BLUE DEVIL	93.7	90.0	77.3	88.0	87.3
YELLOWSTONE (A12-7)	84.0	93.3	85.0	86.7	87.3
NURUSH (J-3510)	94.7	80.0	81.0	93.0	87.2
PPG-KB 1131	95.0	95.0	69.3	88.7	87.0
SELWAY	95.3	86.7	73.3	92.7	87.0
BAR PP 7236V	92.3	95.0	73.3	87.3	87.0
PST-T14-39	91.3	99.0	79.3	78.0	86.9
ORION (PST-K13-143)	91.7	95.0	70.0	90.0	86.7
TWILIGHT (NAI-13-132)	96.7	95.0	61.7	92.3	86.4
BAR PP 7309V	81.0	95.0	81.7	87.7	86.3
MIDNIGHT	96.3	95.0	61.7	92.3	86.3
MVS-130	84.7	90.0	75.7	94.7	86.3
SKYE	91.7	90.0	72.3	90.7	86.2
A11-26	84.0	90.0	84.3	86.3	86.2
DUBLIN (PST-K15-157)	85.7	95.0	74.0	89.7	86.1
CLOUD (GO-2425)	92.7	90.0	73.3	88.3	86.1
DLFPS-340/3551	92.7	90.0	83.3	78.3	86.1

TABLE 23.  
(CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	AR1	ND1	OK1	TN1	MEAN
AKB3241	82.0	95.0	79.3	87.7	86.0
UNITED (NAI-13-14)	94.7	90.0	70.0	89.0	85.9
A12-34	93.3	90.0	73.3	86.3	85.8
DLFPS-340/3556	89.3	90.0	79.3	84.3	85.8
RAD-1776	82.0	95.0	78.3	86.0	85.3
PIVOT	85.0	95.0	78.3	82.3	85.2
DLFPS-340/3552	86.7	90.0	70.7	91.7	84.8
NK-1	93.7	90.0	67.7	87.7	84.8
J-2726	93.0	90.0	72.3	83.3	84.7
A15-6	94.3	86.7	70.0	87.3	84.6
HEARTLAND (NAI-14-187)	89.7	95.0	62.7	89.3	84.2
PST-11-7	88.0	96.3	71.7	79.3	83.8
A06-8	89.7	96.3	61.7	87.3	83.8
SYRAH (LTP-11-41)	96.3	95.0	79.0	64.3	83.7
NAI-14-128	87.0	95.0	65.0	87.3	83.6
A16-7	94.7	90.0	60.0	86.0	82.7
BLUE KNIGHT	88.7	90.0	67.7	83.7	82.5
KH3492	87.7	93.3	65.0	83.7	82.4
PPG-KB 1320	93.3	95.0	60.7	80.3	82.3
AVIATOR II (NAI-15-84)	85.7	90.0	65.0	87.3	82.0
DLFPS-340/3438	92.0	93.3	46.7	95.0	81.8
PROSPERITY	94.3	95.0	55.0	82.0	81.6
PALOMA (PST-K13-139)	80.0	90.0	73.3	82.3	81.4
DLFPS-340/3455	91.3	95.0	58.3	79.7	81.1
DLFPS-340/3444	81.3	90.0	73.3	78.0	80.7
JERSEY (NAI-A16-3)	90.0	95.0	61.7	76.0	80.7
J-1319	94.0	90.0	59.3	78.0	80.3
A11-38	82.3	90.0	71.7	77.3	80.3
A16-2	91.3	90.0	52.7	87.3	80.3
NAI-14-122	87.0	95.0	46.7	92.7	80.3
BABE	92.0	93.3	60.0	75.3	80.2
KENBLUE	85.3	90.0	46.7	91.7	78.4
DLFPS-340/3548	90.7	95.0	60.7	66.0	78.1
NAI-14-132	89.0	90.0	46.7	83.0	77.2
DLFPS-340/3549	85.7	91.7	55.0	74.7	76.8
SHAMROCK	77.7	90.0	48.3	78.7	73.7
AMAZE (NAI-14-133)	88.7	90.0	28.3	86.7	73.4
COMANCHE (NAI-14-176)	84.7	95.0	28.3	71.3	69.8
A16-1	75.0	95.0	20.0	80.7	67.7
LSD VALUE	11.2	4.2	31.7	15.7	9.3
C.V. (%)	7.6	2.8	27.2	11.3	13.6

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

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

TABLE 24.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

## PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	ND1	NJ2	TN1	MEAN
DLFPS-340/3500	93.3	99.0	99.0	95.3	96.7
BARVETTE HGT®	93.7	99.0	99.0	94.7	96.6
BOMBAY (GO-22B23)	94.7	95.0	99.0	93.3	95.5
PPG-KB 1304	96.3	95.0	99.0	90.7	95.3
A10-280	94.7	95.0	99.0	91.0	94.9
STARR (GO-2628)	94.7	95.0	96.3	93.0	94.8
CLOUD (GO-2425)	91.7	95.0	99.0	93.0	94.7
DLFPS-340/3552	96.3	95.0	97.7	89.7	94.7
AKB3128	95.0	99.0	96.3	88.0	94.6
A99-2897	94.0	99.0	97.7	87.3	94.5
A16-17	95.3	95.0	99.0	88.3	94.4
J-1138	92.3	96.3	96.3	92.0	94.3
PST-T14-39	95.3	99.0	97.7	84.7	94.2
SKYE	93.0	95.0	99.0	89.7	94.2
PPG-KB 1131	94.7	95.0	99.0	87.7	94.1
BAR PP 79366	91.7	95.0	94.3	95.3	94.1
A15-6	93.0	95.0	96.3	91.3	93.9
NAI-14-128	95.0	99.0	91.3	90.3	93.9
ELECTRIC (PST-K11-118)	94.7	95.0	93.0	92.7	93.8
BARSERATI (BAR PP 110358)	91.7	99.0	99.0	85.0	93.7
DLFPS-340/3550	93.7	95.0	94.7	91.3	93.7
NURUSH (J-3510)	94.3	96.3	96.3	87.7	93.7
A13-1	95.0	99.0	96.3	84.0	93.6
BAR PP 7236V	93.0	99.0	95.0	87.0	93.5
A11-26	93.7	95.0	99.0	86.0	93.4
AFTER MIDNIGHT	94.0	97.7	94.7	87.3	93.4
DLFPS-340/3556	95.0	95.0	97.7	84.7	93.1
HEARTLAND (NAI-14-187)	95.0	99.0	94.7	83.3	93.0
DLFPS-340/3553	95.0	95.0	94.7	86.7	92.8
DLFPS-340/3438	93.3	99.0	88.3	90.7	92.8
NK-1	95.3	95.0	96.0	84.3	92.7
BLUE DEVIL	95.3	95.0	88.3	91.7	92.6
UNITED (NAI-13-14)	93.0	95.0	93.0	89.3	92.6
BAR PP 79494	89.3	99.0	91.3	89.7	92.3
MIDNIGHT	93.7	99.0	94.7	81.0	92.1
PST-K13-141	94.7	95.0	93.0	85.7	92.1
BAR PP 71213	93.3	96.3	95.0	82.7	91.8
BAR PP 7K426	91.7	99.0	88.0	88.0	91.7
A12-34	93.7	95.0	93.0	84.7	91.6
DLFPS-340/3364	96.0	95.0	85.0	89.7	91.4
TWILIGHT (NAI-13-132)	95.7	99.0	81.7	88.3	91.2
AKB3241	92.0	99.0	89.7	83.7	91.1
BLUE GEM (NAI-13-9)	93.7	99.0	91.0	80.3	91.0
KH3492	94.3	95.0	94.7	79.3	90.8
SELWAY	93.0	93.3	96.3	80.7	90.8
A16-7	95.0	95.0	86.3	86.0	90.6
SYRAH (LTP-11-41)	94.0	99.0	99.0	70.3	90.6
KENBLUE	92.7	95.0	86.7	85.7	90.0
RAD 553	92.0	97.7	90.0	79.3	89.8
NAI-14-122	92.0	99.0	85.0	82.7	89.7



TABLE 24.  
(CONT'D)

PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	ND1	NJ2	TN1	MEAN
PST-K15-167	96.7	99.0	88.0	75.0	89.7
DLFPS-340/3446	95.7	95.0	80.0	87.7	89.6
PST-K15-172	93.7	95.0	97.7	72.0	89.6
A11-40	96.0	99.0	89.7	72.3	89.3
A16-2	91.0	95.0	83.3	87.7	89.3
PIVOT	92.3	95.0	85.0	84.3	89.2
COMANCHE (NAI-14-176)	93.7	99.0	86.7	76.3	88.9
MVS-130	94.0	95.0	71.7	94.7	88.8
NAI-14-132	92.0	95.0	83.3	84.7	88.8
A06-8	94.0	99.0	73.3	86.7	88.3
FINISH LINE (NAI-14-178)	93.0	99.0	81.7	79.3	88.3
AMAZE (NAI-14-133)	93.3	95.0	76.7	86.7	87.9
BAR PP 7309V	93.0	99.0	75.0	84.7	87.9
DLFPS-340/3551	93.3	95.0	92.7	69.0	87.5
AKB3179	95.7	97.7	71.7	83.3	87.1
DUBLIN (PST-K15-157)	93.3	99.0	73.3	82.3	87.0
ORION (PST-K13-143)	92.7	99.0	76.7	76.3	86.2
PROSPERITY	90.3	95.0	75.0	82.7	85.8
J-1319	92.3	95.0	80.0	75.0	85.6
PALOMA (PST-K13-139)	96.3	95.0	66.7	82.7	85.2
NAI-15-80	94.0	99.0	60.0	82.3	83.8
NEW MOON (PST-K15-177)	95.0	95.0	55.0	87.3	83.1
DLFPS-340/3444	95.3	95.0	63.3	75.3	82.3
A16-1	93.0	97.7	50.0	87.0	81.9
YELLOWSTONE (A12-7)	93.7	93.3	56.7	84.0	81.9
BABE	94.7	95.0	70.0	67.7	81.8
DLFPS-340/3455	93.7	97.7	55.0	80.7	81.8
SHAMROCK	93.0	96.3	58.3	76.7	81.1
J-2726	92.0	95.0	80.0	56.7	80.9
DLFPS-340/3494	92.7	95.0	43.3	90.0	80.3
DLFPS-340/3548	94.7	99.0	65.0	62.0	80.2
RAD-1776	94.0	99.0	51.7	75.7	80.1
JERSEY (NAI-A16-3)	92.3	99.0	66.7	56.3	78.6
AVIATOR II (NAI-15-84)	93.7	95.0	35.0	86.7	77.6
DLFPS-340/3549	93.0	95.0	65.0	56.3	77.3
BLUE KNIGHT	92.0	95.0	65.0	53.3	76.3
A11-38	92.7	95.0	43.3	71.0	75.5
PPG-KB 1320	88.7	95.0	36.7	60.0	70.1
PST-11-7	93.7	99.0	16.7	53.7	65.8
LSL VALUE	4.1	1.4	17.2	18.2	6.3
C.V. (%)	2.7	0.9	12.9	13.7	8.9

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

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

TABLE 25.

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	IN1
FINISH LINE (NAI-14-178)	7.0
PROSPERITY	6.7
A16-7	6.3
A99-2897	6.3
PST-11-7	6.3
A11-40	6.0
A16-1	6.0
AFTER MIDNIGHT	6.0
DLFPS-340/3444	6.0
NAI-15-80	6.0
PPG-KB 1131	6.0
PPG-KB 1320	6.0
SHAMROCK	6.0
A06-8	5.7
A16-2	5.7
BABE	5.7
BLUE KNIGHT	5.7
DLFPS-340/3364	5.7
DLFPS-340/3553	5.7
J-1319	5.7
KH3492	5.7
ORION (PST-K13-143)	5.7
UNITED (NAI-13-14)	5.7
BAR PP 7236V	5.3
BAR PP 79494	5.3
BLUE DEVIL	5.3
BLUE GEM (NAI-13-9)	5.3
DLFPS-340/3550	5.3
DUBLIN (PST-K15-157)	5.3
PIVOT	5.3
STARR (GO-2628)	5.3
A11-38	5.0
A15-6	5.0
DLFPS-340/3446	5.0
J-1138	5.0
J-2726	5.0
MIDNIGHT	5.0
NURUSH (J-3510)	5.0
PST-K15-167	5.0
SYRAH (LTP-11-41)	5.0
TWILIGHT (NAI-13-132)	5.0
YELLOWSTONE (A12-7)	5.0
AVIATOR II (NAI-15-84)	4.7
BAR PP 71213	4.7
BAR PP 7309V	4.7
BAR PP 7K426	4.7
DLFPS-340/3494	4.7
DLFPS-340/3556	4.7
NEW MOON (PST-K15-177)	4.7

TABLE 25.  
(CONT'D)

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	IN1
PPG-KB 1304	4.7
PST-T14-39	4.7
A10-280	4.3
AKB3241	4.3
ELECTRIC (PST-K11-118)	4.3
NK-1	4.3
PST-K13-141	4.3
SKYE	4.3
A13-1	4.0
BOMBAY (GO-22B23)	4.0
CLOUD (GO-2425)	4.0
DLFPS-340/3548	4.0
DLFPS-340/3551	4.0
KENBLUE	4.0
PALOMA (PST-K13-139)	4.0
RAD-1776	4.0
A16-17	3.7
AKB3128	3.7
BARSERATI (BAR PP 110358)	3.7
DLFPS-340/3438	3.7
DLFPS-340/3455	3.7
A11-26	3.3
A12-34	3.3
AKB3179	3.3
BARVETTE HGT®	3.3
DLFPS-340/3549	3.3
DLFPS-340/3552	3.3
BAR PP 79366	3.0
DLFPS-340/3500	3.0
JERSEY (NAI-A16-3)	3.0
MVS-130	3.0
NAI-14-132	3.0
RAD 553	3.0
COMANCHE (NAI-14-176)	2.7
HEARTLAND (NAI-14-187)	2.7
PST-K15-172	2.7
SELWAY	2.7
NAI-14-122	2.3
NAI-14-128	2.3
AMAZE (NAI-14-133)	2.0
LSD VALUE	1.2
C.V. (%)	15.9

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

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

TABLE 26.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/			
NAME	IN1	NJ2	MEAN
A11-26	7.7	9.0	8.3
BARSERATI (BAR PP 110358)	8.0	8.3	8.2
A16-17	7.3	9.0	8.2
DLFPS-340/3552	7.7	8.7	8.2
A10-280	7.7	8.3	8.0
PPG-KB 1304	7.0	9.0	8.0
BOMBAY (GO-22B23)	7.3	8.3	7.8
SYRAH (LTP-11-41)	7.0	8.7	7.8
CLOUD (GO-2425)	7.3	8.0	7.7
DLFPS-340/3500	7.3	8.0	7.7
A13-1	7.7	7.3	7.5
BAR PP 7K426	7.3	7.7	7.5
BAR PP 79366	6.7	8.0	7.3
BARVETTE HGT®	7.7	7.0	7.3
DLFPS-340/3551	6.3	8.3	7.3
DLFPS-340/3556	6.3	8.3	7.3
BAR PP 7309V	7.7	6.7	7.2
BAR PP 71213	8.0	6.3	7.2
DLFPS-340/3550	5.3	8.7	7.0
PST-K13-141	6.7	7.3	7.0
RAD 553	6.3	7.7	7.0
AKB3128	7.0	6.7	6.8
ELECTRIC (PST-K11-118)	6.3	7.3	6.8
NK-1	7.3	6.3	6.8
SKYE	6.3	7.3	6.8
STARR (GO-2628)	6.3	7.3	6.8
A12-34	6.3	7.0	6.7
A99-2897	5.3	8.0	6.7
DLFPS-340/3438	8.0	5.3	6.7
DLFPS-340/3553	6.3	7.0	6.7
PST-K15-172	6.3	7.0	6.7
AKB3179	8.0	5.0	6.5
PST-T14-39	6.3	6.7	6.5
BAR PP 7236V	7.7	5.0	6.3
DLFPS-340/3455	7.0	5.7	6.3
DLFPS-340/3364	6.3	6.3	6.3
AKB3241	5.3	7.0	6.2
DLFPS-340/3446	7.0	5.3	6.2
KENBLUE	6.0	6.3	6.2
A16-2	5.0	7.0	6.0
JERSEY (NAI-A16-3)	7.3	4.7	6.0
KH3492	4.7	7.3	6.0
PALOMA (PST-K13-139)	7.0	5.0	6.0
A15-6	4.7	7.0	5.8
ORION (PST-K13-143)	7.0	4.7	5.8
SELWAY	5.7	6.0	5.8
J-1138	4.3	7.3	5.8
NURUSH (J-3510)	3.7	8.0	5.8
BLUE DEVIL	5.7	5.7	5.7

TABLE 26.  
(CONT'D)

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/			
NAME	IN1	NJ2	MEAN
RAD-1776	8.0	3.3	5.7
A06-8	5.0	6.3	5.7
A16-7	5.0	6.3	5.7
MIDNIGHT	4.3	7.0	5.7
PPG-KB 1131	4.3	7.0	5.7
A11-40	4.7	6.3	5.5
BLUE GEM (NAI-13-9)	4.0	7.0	5.5
DUBLIN (PST-K15-157)	7.0	4.0	5.5
FINISH LINE (NAI-14-178)	6.0	5.0	5.5
PIVOT	5.7	5.3	5.5
UNITED (NAI-13-14)	4.0	7.0	5.5
PST-K15-167	5.0	5.7	5.3
AFTER MIDNIGHT	4.7	5.7	5.2
DLFPS-340/3548	7.0	3.3	5.2
HEARTLAND (NAI-14-187)	5.7	4.7	5.2
BAR PP 79494	4.0	6.0	5.0
COMANCHE (NAI-14-176)	5.3	4.7	5.0
DLFPS-340/3444	4.7	5.3	5.0
DLFPS-340/3549	7.0	3.0	5.0
A16-1	5.7	4.0	4.8
AMAZE (NAI-14-133)	5.0	4.7	4.8
BABE	5.7	4.0	4.8
J-1319	3.7	6.0	4.8
TWILIGHT (NAI-13-132)	4.3	5.3	4.8
NAI-14-128	5.7	3.7	4.7
BLUE KNIGHT	5.0	4.0	4.5
NAI-14-132	5.3	3.7	4.5
NEW MOON (PST-K15-177)	6.3	2.7	4.5
YELLOWSTONE (A12-7)	5.0	4.0	4.5
MVS-130	5.7	3.0	4.3
AVIATOR II (NAI-15-84)	6.0	2.7	4.3
PROSPERITY	5.0	3.7	4.3
SHAMROCK	4.3	3.7	4.0
A11-38	4.7	3.0	3.8
DLFPS-340/3494	4.7	3.0	3.8
NAI-15-80	5.0	2.7	3.8
NAI-14-122	5.3	2.0	3.7
J-2726	4.0	3.0	3.5
PPG-KB 1320	4.0	2.0	3.0
PST-11-7	4.0	1.0	2.5
LSD VALUE	1.2	2.8	1.5
C.V. (%)	12.9	29.3	22.5

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 27.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	NC1	NJ2	MEAN
BARSERATI (BAR PP 110358)	6.7	9.0	7.8
BOMBAY (GO-22B23)	6.0	9.0	7.5
DLFPS-340/3550	7.0	8.0	7.5
DLFPS-340/3551	6.0	8.3	7.2
A12-34	5.7	8.7	7.2
CLOUD (GO-2425)	5.3	9.0	7.2
PPG-KB 1304	5.3	9.0	7.2
SKYE	5.3	9.0	7.2
A10-280	5.0	9.0	7.0
A13-1	5.0	9.0	7.0
A15-6	5.7	8.3	7.0
AKB3128	5.0	9.0	7.0
DLFPS-340/3552	5.7	8.3	7.0
STARR (GO-2628)	5.0	9.0	7.0
BARVETTE HGT®	4.7	9.0	6.8
DLFPS-340/3556	4.7	9.0	6.8
PST-K15-172	4.7	9.0	6.8
A99-2897	4.3	9.0	6.7
PPG-KB 1131	5.3	7.7	6.5
SELWAY	4.0	9.0	6.5
UNITED (NAI-13-14)	5.3	7.7	6.5
AFTER MIDNIGHT	4.7	8.0	6.3
NURUSH (J-3510)	4.3	8.3	6.3
A11-26	3.7	9.0	6.3
A16-2	6.3	6.3	6.3
A16-7	5.3	7.3	6.3
A16-17	3.3	9.0	6.2
DLFPS-340/3500	3.3	9.0	6.2
BAR PP 79366	3.7	8.7	6.2
BAR PP 79494	5.0	7.3	6.2
NK-1	3.7	8.7	6.2
PST-K15-167	5.0	7.3	6.2
BAR PP 7236V	3.3	8.7	6.0
ELECTRIC (PST-K11-118)	5.0	7.0	6.0
KH3492	5.3	6.7	6.0
PST-K13-141	4.3	7.7	6.0
BLUE GEM (NAI-13-9)	4.0	7.7	5.8
J-1138	4.0	7.7	5.8
PST-T14-39	3.3	8.3	5.8
DLFPS-340/3438	4.7	6.7	5.7
A11-40	5.3	6.0	5.7
BLUE DEVIL	5.0	6.3	5.7
AKB3241	3.3	7.7	5.5
DLFPS-340/3553	2.7	8.3	5.5
MIDNIGHT	4.0	7.0	5.5
SYRAH (LTP-11-41)	3.0	8.0	5.5
TWILIGHT (NAI-13-132)	4.7	6.3	5.5
A06-8	5.0	5.7	5.3
BAR PP 71213	3.0	7.7	5.3

TABLE 27.  
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/			
NAME	NC1	NJ2	MEAN
RAD 553	3.3	7.3	5.3
DLFPS-340/3364	4.3	6.0	5.2
NAI-15-80	5.0	5.3	5.2
BAR PP 7K426	3.7	6.3	5.0
J-1319	4.7	5.3	5.0
KENBLUE	3.3	6.7	5.0
NAI-14-128	4.7	5.0	4.8
PIVOT	2.7	7.0	4.8
PROSPERITY	3.7	6.0	4.8
BAR PP 7309V	3.7	5.7	4.7
COMANCHE (NAI-14-176)	4.7	4.7	4.7
DLFPS-340/3455	6.0	3.3	4.7
J-2726	4.7	4.7	4.7
NAI-14-132	4.3	5.0	4.7
AMAZE (NAI-14-133)	4.0	5.0	4.5
DLFPS-340/3444	4.7	4.3	4.5
DLFPS-340/3446	4.3	4.7	4.5
HEARTLAND (NAI-14-187)	4.7	4.0	4.3
MVS-130	3.7	4.7	4.2
YELLOWSTONE (A12-7)	4.3	4.0	4.2
FINISH LINE (NAI-14-178)	3.3	4.7	4.0
NAI-14-122	3.7	4.3	4.0
NEW MOON (PST-K15-177)	4.0	4.0	4.0
A16-1	5.7	2.0	3.8
ORION (PST-K13-143)	3.0	4.7	3.8
AKB3179	3.3	4.3	3.8
DUBLIN (PST-K15-157)	4.0	3.7	3.8
PST-11-7	3.3	4.3	3.8
DLFPS-340/3494	2.7	4.7	3.7
SHAMROCK	4.7	2.7	3.7
BABE	2.7	4.3	3.5
DLFPS-340/3549	3.7	3.3	3.5
JERSEY (NAI-A16-3)	4.0	2.7	3.3
BLUE KNIGHT	2.3	4.0	3.2
AVIATOR II (NAI-15-84)	3.3	2.7	3.0
PALOMA (PST-K13-139)	3.7	2.3	3.0
DLFPS-340/3548	3.0	2.7	2.8
RAD-1776	3.7	2.0	2.8
A11-38	2.7	1.3	2.0
PPG-KB 1320	3.0	1.0	2.0
LSD VALUE	2.2	2.3	1.6
C.V. (%)	31.5	22.2	25.9

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

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

TABLE 28.

FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	NC1	ND1	MEAN
COMANCHE (NAI-14-176)	7.3	7.0	7.2
MVS-130	7.7	6.0	6.8
NAI-14-122	7.7	6.0	6.8
A10-280	7.3	6.0	6.7
BAR PP 79494	7.3	6.0	6.7
A06-8	7.0	6.0	6.5
A12-34	7.0	6.0	6.5
AKB3128	6.0	7.0	6.5
AMAZE (NAI-14-133)	7.0	6.0	6.5
DUBLIN (PST-K15-157)	7.0	6.0	6.5
HEARTLAND (NAI-14-187)	8.0	5.0	6.5
NAI-15-80	6.0	7.0	6.5
TWILIGHT (NAI-13-132)	7.0	6.0	6.5
A16-2	5.7	7.0	6.3
AFTER MIDNIGHT	7.7	5.0	6.3
DLFPS-340/3494	6.7	6.0	6.3
J-1138	6.7	6.0	6.3
MIDNIGHT	6.7	6.0	6.3
NURUSH (J-3510)	6.7	6.0	6.3
PPG-KB 1131	6.7	6.0	6.3
PST-K15-167	6.7	6.0	6.3
STARR (GO-2628)	6.7	6.0	6.3
A99-2897	7.3	5.3	6.3
A11-38	6.3	6.0	6.2
A13-1	6.3	6.0	6.2
BARSERATI (BAR PP 110358)	5.3	7.0	6.2
BOMBAY (GO-22B23)	6.3	6.0	6.2
CLOUD (GO-2425)	6.3	6.0	6.2
DLFPS-340/3364	6.3	6.0	6.2
DLFPS-340/3550	6.3	6.0	6.2
KH3492	5.3	7.0	6.2
NAI-14-132	7.3	5.0	6.2
PIVOT	6.3	6.0	6.2
PPG-KB 1320	6.3	6.0	6.2
PST-11-7	6.3	6.0	6.2
SKYE	6.3	6.0	6.2
YELLOWSTONE (A12-7)	6.3	6.0	6.2
A16-7	7.0	5.0	6.0
AKB3241	6.0	6.0	6.0
BLUE GEM (NAI-13-9)	7.0	5.0	6.0
DLFPS-340/3438	6.0	6.0	6.0
DLFPS-340/3548	6.0	6.0	6.0
DLFPS-340/3553	6.0	6.0	6.0
ELECTRIC (PST-K11-118)	6.0	6.0	6.0
J-2726	7.0	5.0	6.0
JERSEY (NAI-A16-3)	6.0	6.0	6.0
NAI-14-128	7.0	5.0	6.0
NEW MOON (PST-K15-177)	7.0	5.0	6.0
PROSPERITY	7.0	5.0	6.0



TABLE 28.  
(CONT'D)

FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	NC1	ND1	MEAN
PST-K13-141	6.0	6.0	6.0
PST-T14-39	6.0	6.0	6.0
RAD-1776	5.0	7.0	6.0
UNITED (NAI-13-14)	7.0	5.0	6.0
A11-26	6.7	5.0	5.8
A11-40	5.7	6.0	5.8
A16-1	5.7	6.0	5.8
BAR PP 7K426	5.7	6.0	5.8
BLUE DEVIL	6.7	5.0	5.8
DLFPS-340/3556	6.7	5.0	5.8
J-1319	7.7	4.0	5.8
A15-6	6.3	5.0	5.7
AKB3179	5.3	6.0	5.7
AVIATOR II (NAI-15-84)	5.3	6.0	5.7
BABE	5.3	6.0	5.7
BARVETTE HGT®	5.3	6.0	5.7
BLUE KNIGHT	6.3	5.0	5.7
DLFPS-340/3446	6.3	5.0	5.7
DLFPS-340/3500	5.3	6.0	5.7
DLFPS-340/3551	6.3	5.0	5.7
FINISH LINE (NAI-14-178)	5.3	6.0	5.7
PPG-KB 1304	6.3	5.0	5.7
BAR PP 7309V	5.0	6.0	5.5
DLFPS-340/3444	6.0	5.0	5.5
DLFPS-340/3455	5.0	6.0	5.5
NK-1	6.0	5.0	5.5
RAD 553	5.0	6.0	5.5
SELWAY	6.0	5.0	5.5
SHAMROCK	5.0	6.0	5.5
BAR PP 79366	5.7	5.0	5.3
DLFPS-340/3549	4.7	6.0	5.3
PST-K15-172	5.7	5.0	5.3
BAR PP 71213	4.3	6.0	5.2
SYRAH (LTP-11-41)	5.3	5.0	5.2
BAR PP 7236V	4.0	6.0	5.0
DLFPS-340/3552	5.0	5.0	5.0
PALOMA (PST-K13-139)	6.0	4.0	5.0
ORION (PST-K13-143)	4.7	5.0	4.8
KENBLUE	4.0	5.0	4.5
A16-17	4.7	4.0	4.3
LSD VALUE	1.0	0.1	0.5
C.V. (%)	9.7	1.1	7.2

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 29.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	NJ1
A11-26	9.0
A11-38	9.0
A11-40	9.0
A13-1	9.0
A16-1	9.0
A16-17	9.0
A16-2	9.0
AFTER MIDNIGHT	9.0
AVIATOR II (NAI-15-84)	9.0
BABE	9.0
BAR PP 71213	9.0
BAR PP 7236V	9.0
BARVETTE HGT®	9.0
BLUE GEM (NAI-13-9)	9.0
DLFPS-340/3444	9.0
DLFPS-340/3455	9.0
DLFPS-340/3548	9.0
DLFPS-340/3549	9.0
DLFPS-340/3553	9.0
ELECTRIC (PST-K11-118)	9.0
FINISH LINE (NAI-14-178)	9.0
J-1138	9.0
JERSEY (NAI-A16-3)	9.0
KENBLUE	9.0
KH3492	9.0
MVS-130	9.0
NURUSH (J-3510)	9.0
PIVOT	9.0
PPG-KB 1304	9.0
PPG-KB 1320	9.0
RAD 553	9.0
RAD-1776	9.0
SELWAY	9.0
SHAMROCK	9.0
STARR (GO-2628)	9.0
SYRAH (LTP-11-41)	9.0
YELLOWSTONE (A12-7)	9.0
A10-280	8.7
BAR PP 79494	8.7
BOMBAY (GO-22B23)	8.7
CLOUD (GO-2425)	8.7
HEARTLAND (NAI-14-187)	8.7
NAI-14-122	8.7
NAI-14-128	8.7
NAI-14-132	8.7
ORION (PST-K13-143)	8.7
PALOMA (PST-K13-139)	8.7
PPG-KB 1131	8.7
PROSPERITY	8.7
PST-K15-172	8.7

TABLE 29.  
(CONT'D)

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	NJ1
PST-T14-39	8.7
UNITED (NAI-13-14)	8.7
AMAZE (NAI-14-133)	8.3
BLUE KNIGHT	8.3
DLFPS-340/3494	8.3
DUBLIN (PST-K15-157)	8.3
J-2726	8.3
MIDNIGHT	8.3
TWILIGHT (NAI-13-132)	8.3
BLUE DEVIL	8.0
COMANCHE (NAI-14-176)	8.0
DLFPS-340/3446	8.0
SKYE	8.0
BAR PP 7309V	7.7
BAR PP 7K426	7.7
BARSERATI (BAR PP 110358)	7.7
DLFPS-340/3438	7.7
DLFPS-340/3500	7.7
NAI-15-80	7.7
NEW MOON (PST-K15-177)	7.7
PST-11-7	7.7
A06-8	7.3
AKB3179	7.3
AKB3241	7.3
PST-K13-141	7.3
DLFPS-340/3556	7.0
BAR PP 79366	6.3
DLFPS-340/3550	6.3
J-1319	6.3
PST-K15-167	6.0
A16-7	5.7
A99-2897	5.7
DLFPS-340/3364	5.3
DLFPS-340/3551	5.3
NK-1	5.3
A15-6	4.7
A12-34	3.7
DLFPS-340/3552	3.0
AKB3128	2.7
LSD VALUE	1.1
C.V. (%)	8.4

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

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

TABLE 30.

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	CT1	MI1	NC1	NE1	NJ2	MEAN
A16-17	7.0	7.3	6.0	6.7	8.7	7.1
BARSERATI (BAR PP 110358)	6.3	8.0	6.0	7.0	7.7	7.0
BAR PP 7236V	7.0	8.7	5.3	6.3	7.0	6.9
A11-40	8.0	7.3	6.0	6.7	6.0	6.8
BARVETTE HGT®	6.3	9.0	4.3	7.0	7.3	6.8
ELECTRIC (PST-K11-118)	7.0	8.7	5.7	6.3	6.3	6.8
BOMBAY (GO-22B23)	6.7	7.7	6.0	6.3	7.0	6.7
STARR (GO-2628)	6.7	7.3	5.7	7.0	7.0	6.7
SYRAH (LTP-11-41)	7.3	7.7	4.7	6.7	7.3	6.7
SKYE	6.0	8.0	5.3	6.3	7.7	6.7
A16-2	7.7	6.7	6.3	6.7	5.7	6.6
BAR PP 79366	8.0	7.0	5.3	5.7	7.0	6.6
PPG-KB 1304	6.0	8.7	6.0	6.0	6.3	6.6
UNITED (NAI-13-14)	7.7	7.3	5.7	6.3	6.0	6.6
CLOUD (GO-2425)	6.3	7.0	6.3	6.3	6.7	6.5
DLFPS-340/3556	7.0	7.3	5.7	6.3	6.0	6.5
J-1138	7.3	6.7	4.7	6.3	7.0	6.4
A13-1	6.7	7.3	5.3	5.7	6.7	6.3
BAR PP 71213	7.3	6.0	6.7	6.0	5.7	6.3
DLFPS-340/3438	6.7	7.7	5.0	6.0	6.3	6.3
DLFPS-340/3551	6.3	7.7	5.3	6.7	5.7	6.3
BLUE DEVIL	8.0	8.0	4.3	6.0	5.3	6.3
KH3492	6.3	7.3	6.3	6.3	5.3	6.3
NURUSH (J-3510)	7.3	7.3	5.0	6.0	6.0	6.3
DLFPS-340/3500	7.7	6.7	4.3	5.7	7.0	6.3
RAD-1776	6.7	8.0	5.3	6.7	4.7	6.3
A11-26	6.0	6.0	5.3	6.0	8.0	6.3
JERSEY (NAI-A16-3)	6.7	7.0	6.3	6.0	5.3	6.3
A10-280	6.0	7.3	5.0	5.7	7.0	6.2
BAR PP 79494	7.0	6.0	6.0	5.7	6.3	6.2
MIDNIGHT	7.7	7.3	4.0	6.0	6.0	6.2
SELWAY	5.3	7.3	4.3	7.0	7.0	6.2
A06-8	6.7	6.7	6.3	5.7	5.3	6.1
A15-6	6.7	6.0	6.0	6.3	5.7	6.1
A99-2897	6.7	6.7	4.7	5.7	7.0	6.1
PPG-KB 1131	6.7	7.3	4.7	6.3	5.7	6.1
AFTER MIDNIGHT	7.7	5.7	4.7	6.7	5.7	6.1
AKB3179	7.0	7.0	4.0	6.7	5.7	6.1
DLFPS-340/3444	6.3	6.0	5.7	7.0	5.3	6.1
PST-K13-141	5.0	8.0	4.7	6.3	6.3	6.1
BABE	6.7	7.0	4.7	6.3	5.3	6.0
NK-1	7.3	6.7	3.3	5.7	7.0	6.0
AKB3128	6.0	6.0	5.7	5.7	6.3	5.9
BAR PP 7K426	6.7	7.3	4.7	6.0	5.0	5.9
DLFPS-340/3550	6.7	6.0	4.7	6.3	6.0	5.9
PST-K15-172	6.0	6.7	4.7	6.0	6.3	5.9
J-1319	7.0	7.0	5.3	5.3	5.0	5.9
A12-34	5.0	6.3	5.7	5.7	6.7	5.9
A16-1	6.7	4.3	6.7	6.7	5.0	5.9

TABLE 30.  
(CONT'D)

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2020 DATA

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

NAME	CT1	MI1	NC1	NE1	NJ2	MEAN
DLFPS-340/3549	5.7	6.7	4.3	7.0	5.7	5.9
NAI-14-132	5.7	6.3	4.3	7.0	6.0	5.9
BLUE GEM (NAI-13-9)	7.0	6.0	4.7	5.7	5.7	5.8
NAI-14-128	4.7	5.7	5.0	7.0	6.7	5.8
DLFPS-340/3553	7.0	6.3	3.7	6.3	5.7	5.8
DUBLIN (PST-K15-157)	6.0	6.0	5.0	6.3	5.7	5.8
FINISH LINE (NAI-14-178)	6.3	5.0	4.7	6.7	6.3	5.8
TWILIGHT (NAI-13-132)	6.7	6.3	4.7	6.0	5.3	5.8
DLFPS-340/3548	5.7	6.0	5.0	6.7	5.3	5.7
NAI-14-122	5.7	6.7	3.7	7.0	5.7	5.7
BAR PP 7309V	6.3	6.0	4.3	6.0	6.0	5.7
DLFPS-340/3552	6.3	7.0	3.3	5.3	6.7	5.7
PROSPERITY	6.0	6.3	5.0	6.0	5.3	5.7
DLFPS-340/3455	6.0	6.7	5.7	6.3	3.7	5.7
PST-T14-39	7.0	4.0	4.7	6.7	6.0	5.7
SHAMROCK	7.3	6.0	4.7	6.0	4.3	5.7
A16-7	7.0	5.3	5.0	6.0	4.7	5.6
HEARTLAND (NAI-14-187)	4.3	5.3	4.3	6.7	7.3	5.6
PALOMA (PST-K13-139)	5.0	6.0	5.7	6.3	5.0	5.6
RAD 553	5.3	6.7	3.7	6.3	6.0	5.6
YELLOWSTONE (A12-7)	5.7	6.7	5.3	6.0	4.3	5.6
AKB3241	5.7	5.3	3.7	6.7	6.3	5.5
AMAZE (NAI-14-133)	4.7	5.7	5.3	7.0	5.0	5.5
NAI-15-80	5.7	5.3	5.3	6.3	5.0	5.5
ORION (PST-K13-143)	6.7	5.7	3.7	7.0	4.7	5.5
J-2726	6.3	4.0	5.3	5.7	6.0	5.5
COMANCHE (NAI-14-176)	4.3	5.7	4.3	7.0	5.7	5.4
DLFPS-340/3446	5.3	6.3	4.3	6.0	5.0	5.4
PST-K15-167	6.3	4.7	5.0	5.7	5.3	5.4
PIVOT	6.3	5.7	5.3	5.3	4.3	5.4
AVIATOR II (NAI-15-84)	6.3	4.7	5.0	5.7	5.0	5.3
KENBLUE	4.0	7.0	3.3	7.0	5.0	5.3
DLFPS-340/3364	4.7	5.3	5.3	5.7	5.0	5.2
A11-38	5.3	6.7	5.0	6.0	2.7	5.1
NEW MOON (PST-K15-177)	6.0	4.3	4.3	6.7	4.0	5.1
MVS-130	4.7	4.7	4.0	6.3	5.3	5.0
PPG-KB 1320	7.3	6.0	3.7	6.0	2.0	5.0
BLUE KNIGHT	5.0	5.0	4.0	6.3	4.3	4.9
DLFPS-340/3494	5.0	3.7	5.7	6.0	4.0	4.9
PST-11-7	7.3	3.0	4.0	6.0	3.7	4.8
LSD VALUE	1.4	2.2	1.7	1.1	1.5	0.7
C.V. (%)	13.8	21.7	21.5	10.8	16.6	17.2

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 31.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
AT RALEIGH, NC 1/  
2020 DATA

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

NAME	JULY	AUGUST	MEAN
DLFPS-340/3550	7.0	7.3	7.2
DLFPS-340/3552	5.7	6.3	6.0
A15-6	5.7	5.7	5.7
BARSERATI (BAR PP 110358)	6.7	4.7	5.7
BOMBAY (GO-22B23)	6.0	5.3	5.7
DLFPS-340/3551	6.0	5.3	5.7
CLOUD (GO-2425)	5.3	5.3	5.3
PPG-KB 1131	5.3	5.3	5.3
BAR PP 79494	5.0	5.3	5.2
PPG-KB 1304	5.3	5.0	5.2
SKYE	5.3	5.0	5.2
UNITED (NAI-13-14)	5.3	5.0	5.2
A12-34	5.7	4.3	5.0
AKB3128	5.0	4.7	4.8
BARVETTE HGT®	4.7	5.0	4.8
AFTER MIDNIGHT	4.7	4.7	4.7
BLUE DEVIL	5.0	4.3	4.7
DLFPS-340/3455	6.0	3.3	4.7
ELECTRIC (PST-K11-118)	5.0	4.3	4.7
KH3492	5.3	4.0	4.7
STARR (GO-2628)	5.0	4.3	4.7
A99-2897	4.3	4.7	4.5
A06-8	5.0	3.7	4.3
A13-1	5.0	3.7	4.3
J-2726	4.7	4.0	4.3
NURUSH (J-3510)	4.3	4.3	4.3
TWILIGHT (NAI-13-132)	4.7	4.0	4.3
A10-280	5.0	3.3	4.2
A16-2	6.3	2.0	4.2
A16-7	5.3	3.0	4.2
BLUE GEM (NAI-13-9)	4.0	4.3	4.2
HEARTLAND (NAI-14-187)	4.7	3.7	4.2
J-1138	4.0	4.3	4.2
PST-K15-167	5.0	3.3	4.2
PST-K15-172	4.7	3.7	4.2
YELLOWSTONE (A12-7)	4.3	4.0	4.2
A16-1	5.7	2.3	4.0
DLFPS-340/3438	4.7	3.3	4.0
DLFPS-340/3556	4.7	3.3	4.0
BAR PP 79366	3.7	4.0	3.8
DLFPS-340/3444	4.7	3.0	3.8
NK-1	3.7	4.0	3.8
PST-K13-141	4.3	3.3	3.8
SHAMROCK	4.7	3.0	3.8
A11-26	3.7	3.7	3.7
A11-40	5.3	2.0	3.7
BAR PP 7309V	3.7	3.7	3.7
BAR PP 7K426	3.7	3.7	3.7
DLFPS-340/3446	4.3	3.0	3.7
J-1319	4.7	2.7	3.7

TABLE 31.  
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
AT RALEIGH, NC 1/  
2020 DATA

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

NAME	JULY	AUGUST	MEAN
MIDNIGHT	4.0	3.3	3.7
NAI-14-128	4.7	2.7	3.7
NAI-15-80	5.0	2.3	3.7
SELWAY	4.0	3.3	3.7
BAR PP 7236V	3.3	3.7	3.5
COMANCHE (NAI-14-176)	4.7	2.3	3.5
DLFPS-340/3364	4.3	2.7	3.5
JERSEY (NAI-A16-3)	4.0	3.0	3.5
MVS-130	3.7	3.3	3.5
RAD 553	3.3	3.7	3.5
DLFPS-340/3500	3.3	3.3	3.3
KENBLUE	3.3	3.3	3.3
NAI-14-132	4.3	2.3	3.3
DUBLIN (PST-K15-157)	4.0	2.3	3.2
NAI-14-122	3.7	2.7	3.2
NEW MOON (PST-K15-177)	4.0	2.3	3.2
A16-17	3.3	2.7	3.0
AKB3179	3.3	2.7	3.0
AMAZE (NAI-14-133)	4.0	2.0	3.0
DLFPS-340/3548	3.0	3.0	3.0
DLFPS-340/3549	3.7	2.3	3.0
PST-T14-39	3.3	2.7	3.0
RAD-1776	3.7	2.3	3.0
AKB3241	3.3	2.3	2.8
AVIATOR II (NAI-15-84)	3.3	2.3	2.8
PST-11-7	3.3	2.3	2.8
BAR PP 71213	3.0	2.3	2.7
DLFPS-340/3494	2.7	2.7	2.7
DLFPS-340/3553	2.7	2.7	2.7
FINISH LINE (NAI-14-178)	3.3	2.0	2.7
ORION (PST-K13-143)	3.0	2.3	2.7
PROSPERITY	3.7	1.7	2.7
SYRAH (LTP-11-41)	3.0	2.3	2.7
A11-38	2.7	2.3	2.5
BABE	2.7	2.3	2.5
PALOMA (PST-K13-139)	3.7	1.3	2.5
PIVOT	2.7	2.3	2.5
PPG-KB 1320	3.0	2.0	2.5
BLUE KNIGHT	2.3	1.7	2.0
LSD VALUE	2.7	2.0	2.1
C.V. (%)	29.5	33.4	28.6

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 32.

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

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

NAME	JUNE	JULY	MEAN
AKB3241	9.0	9.0	9.0
BLUE GEM (NAI-13-9)	9.0	8.7	8.8
DLFPS-340/3551	9.0	8.7	8.8
DLFPS-340/3552	9.0	8.7	8.8
NAI-15-80	9.0	8.7	8.8
NK-1	9.0	8.7	8.8
DUBLIN (PST-K15-157)	9.0	8.3	8.7
RAD-1776	9.0	8.3	8.7
MIDNIGHT	9.0	8.0	8.5
PIVOT	9.0	8.0	8.5
A12-34	9.0	7.7	8.3
SKYE	9.0	7.7	8.3
DLFPS-340/3438	9.0	7.3	8.2
TWILIGHT (NAI-13-132)	9.0	7.3	8.2
A11-40	8.7	7.3	8.0
DLFPS-340/3364	9.0	7.0	8.0
NAI-14-132	9.0	7.0	8.0
ORION (PST-K13-143)	9.0	7.0	8.0
UNITED (NAI-13-14)	8.7	7.3	8.0
AKB3128	9.0	6.7	7.8
COMANCHE (NAI-14-176)	9.0	6.7	7.8
HEARTLAND (NAI-14-187)	8.7	7.0	7.8
A16-7	9.0	6.3	7.7
BARSERATI (BAR PP 110358)	8.7	6.7	7.7
CLOUD (GO-2425)	8.7	6.7	7.7
MVS-130	8.7	6.7	7.7
NAI-14-128	9.0	6.3	7.7
NURUSH (J-3510)	9.0	6.3	7.7
A15-6	8.7	6.3	7.5
AKB3179	8.7	6.3	7.5
BAR PP 7309V	8.7	6.3	7.5
BLUE DEVIL	8.7	6.3	7.5
DLFPS-340/3446	9.0	6.0	7.5
J-1319	9.0	6.0	7.5
NAI-14-122	9.0	6.0	7.5
PPG-KB 1131	9.0	6.0	7.5
STARR (GO-2628)	8.7	6.3	7.5
A99-2897	9.0	5.7	7.3
AVIATOR II (NAI-15-84)	8.0	6.7	7.3
BAR PP 79494	8.7	6.0	7.3
BOMBAY (GO-22B23)	8.7	6.0	7.3
DLFPS-340/3550	9.0	5.7	7.3
PST-K15-167	8.0	6.7	7.3
PST-K15-172	8.7	6.0	7.3
AMAZE (NAI-14-133)	7.7	6.7	7.2
J-1138	9.0	5.3	7.2
A13-1	8.3	5.7	7.0
DLFPS-340/3455	8.0	5.7	6.8
PPG-KB 1320	8.7	4.7	6.7
A06-8	8.3	4.7	6.5



TABLE 32.  
(CONT'D)

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

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

NAME	JUNE	JULY	MEAN
BAR PP 7K426	7.7	5.3	6.5
PST-T14-39	7.7	5.3	6.5
A10-280	8.3	4.3	6.3
AFTER MIDNIGHT	8.0	4.7	6.3
DLFPS-340/3556	8.3	4.3	6.3
NEW MOON (PST-K15-177)	7.7	4.7	6.2
DLFPS-340/3553	7.7	4.3	6.0
PPG-KB 1304	7.7	4.3	6.0
A16-2	7.3	4.3	5.8
DLFPS-340/3444	7.0	4.7	5.8
A16-1	7.7	3.7	5.7
PALOMA (PST-K13-139)	7.7	3.7	5.7
PST-K13-141	8.0	3.3	5.7
SHAMROCK	7.0	4.0	5.5
BAR PP 7236V	7.0	3.3	5.2
BARVETTE HGT®	7.0	3.0	5.0
DLFPS-340/3500	6.7	3.3	5.0
ELECTRIC (PST-K11-118)	7.3	2.7	5.0
BAR PP 79366	6.3	3.3	4.8
KH3492	6.3	3.3	4.8
BABE	6.3	3.0	4.7
JERSEY (NAI-A16-3)	6.0	3.3	4.7
PROSPERITY	6.3	3.0	4.7
PST-11-7	6.0	3.3	4.7
SELWAY	6.7	2.7	4.7
SYRAH (LTP-11-41)	5.0	4.0	4.5
A11-26	6.0	2.7	4.3
DLFPS-340/3494	6.3	2.0	4.2
BAR PP 71213	5.7	2.0	3.8
FINISH LINE (NAI-14-178)	5.3	2.0	3.7
J-2726	5.0	1.7	3.3
KENBLUE	5.0	1.3	3.2
A16-17	4.7	1.3	3.0
YELLOWSTONE (A12-7)	3.7	1.0	2.3
DLFPS-340/3549	2.7	1.3	2.0
DLFPS-340/3548	2.7	1.0	1.8
BLUE KNIGHT	2.3	1.0	1.7
RAD 553	2.0	1.3	1.7
A11-38	1.3	1.0	1.2
LSD VALUE	1.8	2.5	1.8
C.V. (%)	15.4	30.8	18.9

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

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

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS \*/  
 2020 DATA  
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF \*\*/

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/	NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
A06-8	5.6	5.9	DLFPS-340/3553	5.8	35.3
A10-280	5.8	41.2	DLFPS-340/3556	5.5	23.5
A11-26	5.9	35.3	DUBLIN (PST-K15-157)	5.3	17.6
A11-38	4.9	0.0	ELECTRIC (PST-K11-118)	6.0	47.1
A11-40	5.7	17.6	FINISH LINE (NAI-14-178)	5.6	29.4
A12-34	5.5	5.9	HEARTLAND (NAI-14-187)	5.2	5.9
A13-1	5.7	29.4	J-1138	6.0	76.5
A15-6	5.5	23.5	J-1319	5.2	17.6
A16-1	5.2	17.6	J-2726	5.2	17.6
A16-17	5.6	29.4	JERSEY (NAI-A16-3)	5.5	17.6
A16-2	5.6	11.8	KENBLUE	4.8	5.9
A16-7	5.3	5.9	KH3492	5.7	23.5
A99-2897	5.9	35.3	MIDNIGHT	6.0	35.3
AFTER MIDNIGHT	5.8	52.9	MVS-130	5.2	0.0
AKB3128	5.7	23.5	NAI-14-122	5.3	23.5
AKB3179	5.5	17.6	NAI-14-128	5.3	11.8
AKB3241	5.7	29.4	NAI-14-132	5.1	5.9
AMAZE (NAI-14-133)	5.1	5.9	NAI-15-80	5.2	17.6
AVIATOR II (NAI-15-84)	5.0	5.9	NEW MOON (PST-K15-177)	5.3	29.4
BABE	5.4	11.8	NK-1	5.2	0.0
BAR PP 71213	5.2	11.8	NURUSH (J-3510)	5.9	52.9
BAR PP 7236V	5.7	23.5	ORION (PST-K13-143)	5.5	23.5
BAR PP 7309V	5.4	17.6	PALOMA (PST-K13-139)	5.1	0.0
BAR PP 79366	5.8	52.9	PIVOT	5.4	11.8
BAR PP 79494	6.0	52.9	PPG-KB 1131	6.1	47.1
BAR PP 7K426	5.6	11.8	PPG-KB 1304	6.1	52.9
BARSERATI (BAR PP 110358)	6.1	70.6	PPG-KB 1320	4.9	5.9
BARVETTE HGT@	5.9	47.1	PROSPERITY	5.4	29.4
BLUE DEVIL	5.8	35.3	PST-11-7	5.0	11.8
BLUE GEM (NAI-13-9)	6.0	47.1	PST-K13-141	5.5	11.8
BLUE KNIGHT	4.7	0.0	PST-K15-167	5.2	11.8
BOMBAY (GO-22B23)	6.3	64.7	PST-K15-172	5.7	29.4
CLOUD (GO-2425)	6.2	70.6	PST-T14-39	5.3	11.8
COMANCHE (NAI-14-176)	5.1	5.9	RAD 553	5.2	5.9
DLFPS-340/3364	5.1	5.9	RAD-1776	5.5	29.4
DLFPS-340/3438	5.5	11.8	SELWAY	5.5	11.8
DLFPS-340/3444	5.2	5.9	SHAMROCK	5.3	11.8
DLFPS-340/3446	5.3	5.9	SKYE	6.1	64.7
DLFPS-340/3455	5.5	17.6	STARR (GO-2628)	6.3	76.5
DLFPS-340/3494	4.8	11.8	SYRAH (LTP-11-41)	5.9	35.3
DLFPS-340/3500	5.8	52.9	TWILIGHT (NAI-13-132)	5.8	47.1
DLFPS-340/3548	5.1	5.9	UNITED (NAI-13-14)	5.9	52.9
DLFPS-340/3549	5.2	11.8	YELLOWSTONE (A12-7)	5.4	17.6
DLFPS-340/3550	5.9	35.3			
DLFPS-340/3551	5.7	35.3	LSD VALUE	0.3	
DLFPS-340/3552	5.8	23.5	C.V. (%)	12.4	

\*/ 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.