

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association, one member from the Sports Turf Managers Association of America (STMA), and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2023 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2024

State	Location	Code
Delaware	Newark	DE1
Indiana	West Lafayette	IN1
Iowa	Ames (Shade Tolerance)	IA1
Kansas	Manhattan	KS1
Maryland	College Park	MD1
Massachusetts	Amherst (Traffic Stress)	MA1
Michigan	East Lansing	MI1
Michigan	East Lansing (Traffic Stress)	MI2
Minnesota	St. Paul	MN1
Nebraska	Mead	NE1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick	NJ1
North Carolina	Raleigh	NC1
Ohio	Columbus	OH1
Ohio	Wooster (Shade Tolerance)	OH3
Oregon	Corvallis	O11
Utah	Logan	UT1
Utah	Logan (Reduced Irrigation)	UT2
Virginia	Blacksburg	VA1
Wisconsin	Madison	WI1

2023 NATIONAL KENTUCKY BLUEGRASS TEST
Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	DLF-KB-3633	DLF USA	* 31	Acoustic	Mountain View Seeds
2	DLF-KB-3634	DLF USA	* 32	Right	Pure-Seed
3	DLF-KB-3635	DLF USA	33	PST-K17-182	Pure-Seed
4	DLF-KB-3636	DLF USA	34	PST-K19-201	Pure-Seed Testing
5	DLF-KB-3637	DLF USA	35	PST-K19-208	Pure-Seed Testing
6	DLF-KB-3638	DLF USA	36	PST-K20-1	Pure-Seed Testing
7	DLF-KB-3639	DLF USA	37	PST-K20-3	Pure-Seed Testing
8	DLF-KB-3640	DLF USA	38	PST-K22-11	Pure-Seed Testing
* 9	Jersey	Standard entry	39	PST-T15-44	Pure-Seed Testing
* 10	Shamrock	Standard entry	* 40	Prosperity	Blue Mountain Seeds
* 11	Skyline	Seeds, Inc.	* 41	Aries	Blue Mountain Seeds
* 12	Kenblue	Standard entry	* 42	Bombay	Standard entry
13	LTP-A21-41	Lebanon Seaboard Corp.	* 43	Starr	Standard entry
14	PVF-A17-842	Scotts Company	44	NAI-21-136	Scotts Company
15	RAD 3240	Barenbrug USA	45	NAI-19-58	Columbia River Seed
* 16	Midnight	Standard entry	46	PSM-231	ProSeeds Marketing
* 17	Barserati	Standard entry	47	NAI-21-127	Columbia River Seed
* 18	Baron	Standard entry	48	NAI-20-137	Columbia River Seed
19	J-2830	Barenbrug USA	* 49	Resolution	Columbia River Seed
20	J-1249	Barenbrug USA	* 50	Lightning	Columbia River Seed
21	J-1331	Barenbrug USA	51	GO-Y301	GO Seed
22	J-2797	Barenbrug USA	52	GO-Y312	GO Seed
23	A12-266	Peak Plant Genetics	53	A21-11	Peak Plant Genetics
24	A12-293	Peak Plant Genetics	54	A15-14	Peak Plant Genetics
25	A15-16	Peak Plant Genetics	55	A15-17	Vista Seed Partners, LLC
26	A19-17	Peak Plant Genetics	56	PST-K19-206	Turf Merchants, Inc.
27	A21-3	Peak Plant Genetics			
28	A21-6	Peak Plant Genetics			
29	PPG-KB2107	Peak Plant Genetics			
30	PPG-KB2108	Peak Plant Genetics			

*Commercially available in the US or any other country in 2025

TABLE A.

2024 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2023 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
DE1	-	-	-	-	-	-	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	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	3.1-3.5	ONLY DURING SEVERE STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	-	-	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
MI1	-	-	-	-	-	-	-	-
MI2	-	-	-	-	-	-	-	-
MN1	SILTY CLAY LOAM	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
NC1	SANDY LOAM	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	376-500	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NJ1	LOAM	5.6-6.0	151-270	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH1	SILT LOAM AND SILT	6.6-7.0	61-150	376-500	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
OH3	-	-	-	-	-	-	-	-
OR1	-	-	-	-	-	FULL SUN	-	-
UT1	SILT LOAM AND SILT	7.6-8.5	-	-	-	FULL SUN	-	TO PREVENT STRESS
UT2	SILT LOAM AND SILT	-	-	-	-	FULL SUN	-	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
WI1	SILT LOAM AND SILT	7.1-7.5	-	-	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2024

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
DE1				X	X	X	X	X	X	X	X			X	
IA1				X	X	X	X	X	X	X	X		X		X
IN1				X	X	X	X	X	X	X	X		X	X	X
KS1			X	X	X	X	X	X	X	X	X		X	X	X
MA1					X	X	X	X	X	X	X	X			
MD1				X	X	X	X	X	X	X	X		X	X	X
MI1								X	X	X	X		X		
MI2								X	X	X	X		X		
MN1						X	X	X	X	X					X
NC1	X			X	X	X	X	X	X	X	X		X		X
NE1				X	X	X	X	X	X	X			X	X	X
NJ1						X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X	X				
OH1					X	X	X	X		X	X				X
OH3						X	X	X	X	X	X				
OR1								X	X	X	X		X		
UT1					X	X	X	X	X	X			X		X
UT2					X	X	X	X	X	X			X		
VA1				X	X	X	X	X	X	X					
WI1															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2024

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	DROUGHT TOLERANCE RECOVERY	STEM RUST	SUMMER PATCH	CROWN RUST
DE1										X	
IA1	X	X	X	X							
IN1	X	X	X	X					X		
KS1				X				X			X
MA1											
MD1	X			X							
MI1											
MI2											
MN1											
NC1	X		X			X			X	X	
NE1	X			X							
NJ1	X									X	X
NJ2	X			X			X		X		X
OH1					X	X	X		X		
OH3							X				
OR1	X										
UT1	X		X								
UT2	X										
VA1					X						
WI1	X										

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2024

LOCATION	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATINGS	POA ANNUA APR OCT		PERCENT ESTABLISH- MENT	UNIFORMITY RATINGS	ADDITIONAL ESTABLISHMENT RATINGS	ADDITIONAL STEM RUST RATINGS					ADDITIONAL SUMMER PATCH		RUST DISEASE	
									MAR	MAY	JUN	SEP	OCT	JULY	AUGUST	SEP	OCT
DE1																	
* IA1	X	X						X									
IN1				X	X		X					X	X				
KS1								X									
MA1						X											
MD1																	
MI1								X									
MI2								X									
MN1						X											
NC1						X	X							X	X		
NE1																	
NJ1			X					X									
NJ2									X	X			X				
OH1	X																
OH3						X										X	X
OR1																	
UT1																	
UT2																	
VA1																	
WI1																	

* MORE DATA FOR IA1 IN TABLE 13.

TABLE 1.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2024 DATA

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

NAME	ENTRY #	NJ2	MD1	VA1	DE1	OH1	IN1	MI1	OR1	MEAN
*LIGHTNING	50	7.2	6.0	6.6	5.2	6.2	5.8	6.6	5.1	6.2
PST-K17-182	33	7.6	5.9	6.6	5.0	6.1	5.5	6.3	4.5	6.1
DLF-KB-3636	4	7.4	5.8	6.5	4.9	6.0	5.4	6.2	4.4	6.0
DLF-KB-3634	2	7.1	5.8	6.5	5.0	6.1	5.3	6.3	4.6	6.0
DLF-KB-3633	1	7.6	5.7	6.4	4.8	5.9	5.4	6.2	4.3	6.0
DLF-KB-3640	8	6.3	5.9	6.5	5.1	6.1	5.5	6.5	4.9	6.0
DLF-KB-3635	3	6.1	5.9	6.5	5.0	6.1	5.4	6.3	4.6	5.9
NAI-19-58	45	7.0	5.6	6.4	5.0	6.0	5.1	6.1	4.5	5.9
PVF-A17-842	14	6.2	5.8	6.4	5.0	6.0	5.4	6.3	4.7	5.9
*BARSERATI	17	6.3	5.7	6.5	5.0	6.0	5.2	6.2	4.5	5.8
A12-266	23	6.3	5.6	6.5	5.1	6.1	5.1	6.1	4.6	5.8
PST-K22-11	38	6.6	5.7	6.3	4.7	5.8	5.4	6.2	4.3	5.8
A12-293	24	5.8	5.7	6.5	5.1	6.1	5.2	6.2	4.7	5.8
PST-K20-1	36	7.6	5.5	6.2	4.5	5.7	5.1	5.9	4.0	5.8
RAD 3240	15	7.5	5.4	6.3	4.8	5.8	4.9	5.8	4.1	5.8
A19-17	26	5.7	5.7	6.4	5.1	6.0	5.1	6.2	4.6	5.7
NAI-20-137	48	6.1	5.6	6.3	4.9	5.9	5.1	6.1	4.4	5.7
A15-14	54	6.9	5.5	6.3	4.8	5.8	4.9	5.9	4.2	5.7
*ARIES	41	5.7	5.6	6.4	5.0	6.0	5.1	6.1	4.6	5.7
A15-16	25	6.9	5.4	6.2	4.6	5.7	5.0	5.9	4.1	5.7
*RESOLUTION	49	5.4	5.6	6.4	5.0	6.0	5.0	6.1	4.5	5.6
NAI-21-136	44	6.7	5.3	6.2	4.8	5.7	4.8	5.9	4.4	5.6
*BOMBAY	42	5.1	5.6	6.5	5.1	6.1	5.0	6.1	4.6	5.6
*SKYLINE	11	6.4	5.5	6.1	4.6	5.7	5.2	6.0	4.3	5.6
DLF-KB-3639	7	5.4	5.6	6.3	5.0	6.0	5.0	6.1	4.5	5.6
LTP-A21-41	13	6.8	5.3	6.1	4.6	5.6	4.9	5.9	4.3	5.6
*RIGHT	32	5.8	5.5	6.3	4.8	5.9	4.9	5.9	4.3	5.6
PST-K19-208	35	6.0	5.4	6.4	4.9	5.9	4.7	5.8	4.1	5.6
*STARR	43	5.7	5.5	6.4	4.9	5.9	4.8	5.9	4.4	5.6
*BARON	18	5.6	5.4	6.3	5.0	5.9	4.7	5.9	4.4	5.5
DLF-KB-3637	5	5.3	5.5	6.2	4.9	5.9	4.9	6.0	4.6	5.5
A21-3	27	5.2	5.5	6.3	5.0	5.9	4.8	6.0	4.6	5.5
A21-6	28	4.1	5.4	6.4	5.3	6.1	4.5	6.0	4.9	5.4
PST-K19-206	56	5.7	5.3	6.0	4.5	5.6	4.9	5.8	4.1	5.4

TABLE 1.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2024 DATA

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

NAME	ENTRY #	NJ2	MD1	VA1	DE1	OH1	IN1	MI1	OR1	MEAN
DLF-KB-3638	6	4.7	5.4	6.2	4.9	5.8	4.8	6.0	4.6	5.4
*JERSEY	9	5.3	5.3	6.2	4.8	5.8	4.6	5.7	4.2	5.4
A15-17	55	5.5	5.3	6.1	4.7	5.6	4.7	5.8	4.3	5.4
A21-11	53	5.2	5.2	6.3	5.0	5.9	4.3	5.7	4.3	5.4
J-1331	21	4.9	5.3	6.2	4.8	5.8	4.5	5.7	4.1	5.3
J-2797	22	4.6	5.3	6.3	4.9	5.9	4.5	5.7	4.1	5.3
PPG-KB2108	30	5.8	5.1	5.9	4.5	5.5	4.5	5.5	3.9	5.3
J-1249	20	4.5	5.3	6.2	4.8	5.8	4.4	5.6	4.0	5.2
*ACOUSTIC	31	4.5	5.3	6.3	4.8	5.8	4.4	5.6	4.0	5.2
PST-K19-201	34	4.8	5.1	6.1	4.9	5.7	4.2	5.6	4.2	5.2
PST-T15-44	39	4.2	5.2	6.1	4.8	5.7	4.5	5.7	4.2	5.2
*SHAMROCK	10	4.0	5.2	6.2	5.0	5.8	4.2	5.6	4.4	5.2
PSM-231	46	5.4	4.9	6.0	4.8	5.6	4.0	5.4	4.2	5.2
*MIDNIGHT	16	4.2	5.2	6.2	4.8	5.8	4.2	5.5	4.0	5.1
*KENBLUE	12	4.4	5.2	5.9	4.6	5.5	4.6	5.7	4.3	5.1
J-2830	19	3.9	5.0	5.9	4.5	5.5	4.1	5.3	3.6	4.9
GO-Y312	52	4.2	4.8	5.8	4.6	5.4	4.0	5.4	4.1	4.9
GO-Y301	51	3.5	4.8	5.9	4.7	5.5	3.9	5.4	4.2	4.8
*PROSPERITY	40	3.0	4.7	5.7	4.4	5.3	3.6	5.0	3.5	4.5
PST-K20-3	37	3.5	4.4	5.6	4.4	5.2	3.3	4.8	3.6	4.5
PPG-KB2107	29	3.4	4.4	5.4	4.3	5.1	3.4	4.9	3.6	4.4
NAI-21-127	47	2.3	4.1	5.2	4.2	4.9	2.9	4.5	3.5	4.0
LSD VALUE		0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)		10.5	10.8	9.4	12.0	10.0	12.3	10.0	13.6	10.6

* COMMERCIALY AVAILABLE IN THE USA IN 2025.

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

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

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

TABLE 2.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2024 DATA

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

NAME	ENTRY #	MN1	KS1	NE1	MEAN	NAME	ENTRY #	MN1	KS1	NE1	MEAN
PST-K19-208	35	6.1	7.5	6.5	6.7	A19-17	26	4.4	7.2	6.2	5.9
RAD 3240	15	5.8	7.5	6.3	6.6	NAI-21-136	44	4.3	7.2	6.1	5.9
PST-K17-182	33	5.6	7.5	6.3	6.5	PROSPERITY	40	5.1	6.7	5.8	5.9
DLF-KB-3636	4	5.6	7.4	6.3	6.4	A12-293	24	4.1	7.2	6.2	5.8
ACOUSTIC	31	5.8	7.2	6.3	6.4	DLF-KB-3639	7	4.3	7.1	6.1	5.8
PST-K20-1	36	5.8	7.2	6.0	6.3	SHAMROCK	10	4.1	7.1	6.2	5.8
J-1249	20	5.6	7.1	6.2	6.3	PST-K22-11	38	4.6	6.9	5.8	5.8
DLF-KB-3633	1	5.5	7.3	6.1	6.3	A21-3	27	4.0	7.2	6.1	5.8
MIDNIGHT	16	5.4	7.2	6.3	6.3	PST-K20-3	37	4.5	6.8	5.9	5.7
NAI-19-58	45	5.1	7.5	6.3	6.3	PPG-KB2108	30	4.6	6.9	5.8	5.7
A15-14	54	5.3	7.3	6.2	6.3	LIGHTNING	50	3.7	7.3	6.1	5.7
A21-11	53	4.9	7.4	6.4	6.3	PVF-A17-842	14	4.0	7.1	6.0	5.7
DLF-KB-3634	2	5.0	7.4	6.3	6.3	LTP-A21-41	13	4.1	7.0	5.8	5.6
J-2797	22	5.3	7.2	6.3	6.2	PST-K19-206	56	4.4	6.8	5.7	5.6
J-1331	21	5.3	7.2	6.2	6.2	A21-6	28	3.2	7.3	6.3	5.6
A12-266	23	4.8	7.5	6.4	6.2	PST-T15-44	39	4.0	6.8	5.9	5.5
BARSERATI	17	5.0	7.3	6.2	6.2	DLF-KB-3640	8	3.6	7.1	6.0	5.5
DLF-KB-3635	3	5.1	7.3	6.2	6.2	A15-17	55	3.9	6.9	5.8	5.5
STARR	43	5.0	7.3	6.2	6.2	DLF-KB-3637	5	3.7	7.0	5.9	5.5
A15-16	25	5.3	7.1	6.0	6.1	SKYLINE	11	3.9	6.8	5.6	5.4
RESOLUTION	49	4.8	7.2	6.2	6.1	DLF-KB-3638	6	3.4	6.9	5.9	5.4
JERSEY	9	4.9	7.1	6.1	6.0	GO-Y301	51	3.1	6.8	5.8	5.2
RIGHT	32	4.9	7.1	6.1	6.0	GO-Y312	52	3.2	6.7	5.7	5.2
J-2830	19	5.4	6.8	5.9	6.0	PPG-KB2107	29	3.3	6.4	5.5	5.1
PST-K19-201	34	4.6	7.2	6.2	6.0	KENBLUE	12	2.9	6.5	5.5	4.9
NAI-20-137	48	4.8	7.1	6.1	6.0	NAI-21-127	47	2.9	6.2	5.4	4.8
BOMBAY	42	4.5	7.2	6.2	6.0						
ARIES	41	4.5	7.2	6.2	6.0						
BARON	18	4.4	7.2	6.2	5.9	LSD VALUE		0.9	0.9	0.9	0.9
PSM-231	46	4.3	7.3	6.2	5.9	C.V. (%)		12.7	8.2	9.6	9.8

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

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

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

TABLE 3.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2024 DATA

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

NAME	ENTRY #	NJ1	NC1	MEAN	NAME	ENTRY #	NJ1	NC1	MEAN
DLF-KB-3635	3	6.7	4.8	5.8	DLF-KB-3637	5	4.8	4.2	4.5
PST-K22-11	38	6.6	4.6	5.6	MIDNIGHT	16	5.1	3.9	4.5
PVF-A17-842	14	5.8	4.6	5.2	DLF-KB-3638	6	4.6	4.3	4.4
DLF-KB-3636	4	6.3	4.0	5.1	KENBLUE	12	4.7	4.2	4.4
BARSERATI	17	6.0	4.3	5.1	JERSEY	9	5.0	3.8	4.4
DLF-KB-3633	1	6.3	3.9	5.1	A12-266	23	4.8	3.8	4.3
J-1249	20	5.9	4.3	5.1	NAI-19-58	45	5.0	3.5	4.3
PST-K17-182	33	6.1	4.0	5.1	A15-14	54	5.2	3.4	4.3
NAI-20-137	48	5.8	4.2	5.0	PROSPERITY	40	4.8	3.7	4.3
DLF-KB-3640	8	5.5	4.6	5.0	A21-3	27	4.3	3.9	4.1
J-2830	19	5.9	4.1	5.0	A15-17	55	4.4	3.6	4.0
ACOUSTIC	31	5.8	4.1	5.0	PPG-KB2108	30	4.7	3.3	4.0
RESOLUTION	49	5.6	4.3	5.0	BARON	18	4.4	3.6	4.0
PST-K19-206	56	5.8	4.1	4.9	LTP-A21-41	13	4.5	3.3	3.9
BOMBAY	42	5.4	4.5	4.9	SHAMROCK	10	3.8	3.7	3.7
PST-K20-1	36	6.2	3.5	4.9	RAD 3240	15	4.7	2.8	3.7
RIGHT	32	5.6	4.1	4.8	NAI-21-136	44	4.0	3.0	3.5
SKYLINE	11	5.6	4.1	4.8	A21-11	53	3.8	3.2	3.5
ARIES	41	5.4	4.3	4.8	A21-6	28	3.0	3.9	3.5
DLF-KB-3639	7	5.3	4.3	4.8	PST-K19-201	34	3.6	3.2	3.4
A19-17	26	5.3	4.3	4.8	GO-Y312	52	2.9	3.1	3.0
J-1331	21	5.5	4.0	4.8	GO-Y301	51	2.7	3.2	3.0
LIGHTNING	50	5.2	4.3	4.8	PPG-KB2107	29	2.6	2.7	2.6
J-2797	22	5.4	4.1	4.7	PST-K20-3	37	2.7	2.5	2.6
A12-293	24	5.1	4.3	4.7	PSM-231	46	2.3	2.3	2.3
A15-16	25	5.8	3.6	4.7	NAI-21-127	47	1.8	2.5	2.1
DLF-KB-3634	2	5.5	3.9	4.7					
STARR	43	5.2	3.9	4.6					
PST-T15-44	39	4.9	4.2	4.6	LSD VALUE		0.9	0.9	0.9
PST-K19-208	35	5.5	3.6	4.5	C.V. (%)		11.8	15.3	13.3

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

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

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

TABLE 4. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2024 DATA

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

NAME	ENTRY #	MA1	UT1	MEAN	NAME	ENTRY #	MA1	UT1	MEAN
ACOUSTIC	31	5.9	7.4	6.6	PST-K19-206	56	4.5	5.6	5.1
J-1249	20	5.9	7.2	6.6	DLF-KB-3639	7	4.5	5.6	5.0
J-2830	19	5.8	7.1	6.5	A19-17	26	4.5	5.6	5.0
PST-K19-208	35	5.3	7.4	6.3	PST-T15-44	39	4.6	5.5	5.0
MIDNIGHT	16	5.5	7.0	6.3	PST-K19-201	34	4.1	5.9	5.0
PROSPERITY	40	5.5	6.9	6.2	SHAMROCK	10	4.3	5.6	5.0
J-2797	22	5.4	6.8	6.1	PPG-KB2108	30	4.1	5.7	4.9
J-1331	21	5.4	6.8	6.1	BARON	18	4.1	5.6	4.8
DLF-KB-3635	3	5.3	6.4	5.8	A12-293	24	4.2	5.3	4.8
DLF-KB-3636	4	4.8	6.6	5.7	PVF-A17-842	14	4.3	5.2	4.7
PST-K20-1	36	4.7	6.7	5.7	A21-3	27	4.0	5.2	4.6
PST-K17-182	33	4.7	6.5	5.6	DLF-KB-3637	5	4.0	4.9	4.4
BARSERATI	17	4.9	6.2	5.5	DLF-KB-3638	6	4.0	4.8	4.4
DLF-KB-3633	1	4.6	6.4	5.5	A15-17	55	3.7	5.0	4.4
RESOLUTION	49	4.9	6.1	5.5	SKYLINE	11	3.8	4.9	4.3
STARR	43	4.8	6.2	5.5	PSM-231	46	3.2	5.4	4.3
JERSEY	9	4.7	6.2	5.5	NAI-21-136	44	3.3	5.2	4.3
A15-16	25	4.5	6.3	5.4	DLF-KB-3640	8	3.8	4.6	4.2
RIGHT	32	4.7	6.1	5.4	LTP-A21-41	13	3.3	5.0	4.2
RAD 3240	15	4.1	6.6	5.4	A21-6	28	3.6	4.6	4.1
BOMBAY	42	4.8	5.9	5.4	PPG-KB2107	29	3.3	4.8	4.1
A15-14	54	4.3	6.3	5.3	LIGHTNING	50	3.5	4.6	4.1
NAI-20-137	48	4.7	6.0	5.3	KENBLUE	12	3.7	4.2	4.0
A21-11	53	4.3	6.2	5.3	GO-Y301	51	3.4	4.5	3.9
PST-K22-11	38	4.7	5.7	5.2	NAI-21-127	47	3.2	4.5	3.8
DLF-KB-3634	2	4.3	6.0	5.2	GO-Y312	52	3.2	4.4	3.8
NAI-19-58	45	4.2	6.1	5.2					
ARIES	41	4.5	5.7	5.1					
A12-266	23	4.3	5.9	5.1	LSD VALUE		0.9	0.9	0.9
PST-K20-3	37	4.1	6.0	5.1	C.V. (%)		13.2	10.0	11.4

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

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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 TEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
NAME	MA1	MI1	NC1	NE1	NJ1	NJ2	OH1	OR1	UT1	VA1	MEAN
DLF-KB-3635	5.7	6.4	4.5	6.3	6.6	6.1	5.9	5.3	6.7	6.9	5.9
DLF-KB-3636	5.0	5.7	4.4	6.3	6.1	7.4	5.9	4.5	5.9	6.8	5.9
DLF-KB-3633	4.7	5.7	4.1	6.0	6.1	7.8	5.9	4.3	7.0	6.6	5.8
PST-K17-182	4.7	6.3	4.0	6.5	6.1	7.5	5.8	4.8	6.1	6.5	5.8
BARSERATI	5.3	6.3	3.3	6.5	6.3	6.2	6.4	4.2	6.2	6.8	5.7
DLF-KB-3634	4.2	6.3	3.9	6.4	5.4	7.0	5.8	4.8	6.3	6.4	5.7
RESOLUTION	5.2	6.8	4.4	6.1	5.4	5.6	5.9	4.3	6.4	6.1	5.6
PST-K20-1	3.9	5.8	3.9	6.2	6.7	7.6	5.8	4.3	6.7	5.9	5.6
NAI-20-137	5.3	6.5	4.1	5.8	5.6	6.2	5.7	4.8	5.9	6.2	5.6
LIGHTNING	3.0	6.7	4.2	5.9	5.5	7.3	6.2	5.8	5.4	6.5	5.6
PST-K22-11	3.3	6.2	4.8	5.8	7.3	6.3	6.0	4.6	6.2	6.3	5.6
PST-K19-208	5.3	6.0	3.3	6.2	5.5	5.9	5.5	4.6	7.7	6.1	5.6
PVF-A17-842	5.2	6.4	4.4	6.2	5.5	6.5	5.8	4.3	4.8	6.7	5.6
ACOUSTIC	6.0	5.6	4.0	6.4	6.1	4.7	6.3	4.8	7.3	6.0	5.6
ARIES	4.0	6.8	4.7	6.4	5.3	5.6	6.2	3.8	5.9	6.1	5.6
J-1249	6.0	5.8	4.7	6.2	5.7	4.6	5.7	4.1	6.8	6.6	5.5
RAD 3240	3.7	5.3	3.0	6.2	4.6	7.3	5.9	3.4	6.8	6.8	5.5
A12-266	4.5	6.7	4.0	6.0	4.3	6.2	5.9	4.5	5.6	6.1	5.5
A15-14	5.3	5.8	4.0	6.2	4.5	7.4	5.9	3.9	5.7	6.6	5.5
A15-16	5.0	6.5	3.4	5.9	5.6	6.9	5.7	3.5	6.1	6.0	5.5
DLF-KB-3640	4.5	6.3	4.9	5.8	5.0	6.6	5.8	5.0	4.4	6.6	5.5
BOMBAY	5.3	6.0	4.8	6.3	5.0	5.1	6.1	4.1	5.1	6.7	5.5
A12-293	5.1	6.4	4.4	6.1	4.6	6.1	6.1	4.3	5.4	6.5	5.5
STARR	5.0	6.3	3.6	6.6	5.1	5.5	6.0	3.3	6.5	6.3	5.4
NAI-19-58	3.0	6.3	3.4	6.1	5.6	6.5	6.2	4.3	6.2	6.7	5.4
J-2797	5.0	5.5	4.7	6.2	5.3	4.7	5.6	4.4	6.7	5.8	5.4
JERSEY	5.2	6.0	3.4	6.2	4.9	5.3	5.7	3.8	6.3	6.0	5.4
J-1331	4.5	6.3	4.1	6.0	5.8	4.5	5.7	5.2	7.1	6.1	5.4
MIDNIGHT	5.8	6.0	3.8	6.3	4.9	4.2	6.2	3.6	7.1	6.3	5.4
DLF-KB-3639	4.5	5.8	4.1	5.7	5.2	5.4	5.9	4.8	6.4	6.0	5.4
J-2830	6.4	5.5	3.8	5.6	5.9	4.3	5.8	3.3	6.9	6.0	5.3
BARON	4.0	6.3	4.6	6.0	3.7	5.9	6.2	4.3	5.7	6.1	5.3
RIGHT	4.7	6.0	3.8	6.3	5.7	5.8	6.2	4.3	6.3	6.0	5.3
A21-11	4.0	5.8	3.0	6.0	3.6	4.8	5.8	4.6	6.4	6.1	5.3
PST-K19-206	4.6	5.5	3.9	6.0	5.9	5.6	5.9	3.2	5.1	6.1	5.3
A19-17	4.1	5.9	4.6	6.8	5.3	5.5	5.7	4.6	5.3	6.2	5.3
SKYLINE	3.5	5.3	3.8	5.2	5.9	6.4	5.7	5.2	5.3	6.0	5.2
LTP-A21-41	3.5	5.6	2.7	6.0	4.9	6.8	5.9	4.8	4.8	6.0	5.2
DLF-KB-3638	3.5	6.1	4.7	5.9	4.6	4.7	5.9	4.5	5.3	5.9	5.1

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT TEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
NAME	MA1	MI1	NC1	NE1	NJ1	NJ2	OH1	OR1	UT1	VA1	MEAN
PST-T15-44	3.6	5.2	4.4	6.1	5.2	3.9	5.6	3.7	5.9	5.8	5.1
A21-3	4.1	6.3	4.1	6.1	4.1	5.2	5.8	4.7	4.9	6.4	5.1
NAI-21-136	3.7	6.2	2.6	6.0	4.1	6.7	6.1	3.9	4.8	6.1	5.1
SHAMROCK	4.3	5.9	3.7	6.0	3.7	3.9	6.3	4.3	5.7	6.2	5.1
DLF-KB-3637	3.3	5.9	4.6	5.9	4.9	5.0	5.8	4.3	4.8	6.1	5.0
PST-K19-201	4.0	5.2	2.8	5.9	3.8	4.8	5.5	4.8	6.6	6.3	5.0
A15-17	3.4	6.2	3.4	6.0	4.7	5.3	5.6	4.3	4.9	6.0	5.0
PROSPERITY	5.8	4.3	3.6	5.9	4.7	3.0	4.8	3.3	7.1	5.9	5.0
A21-6	3.8	6.3	4.4	6.2	2.7	4.3	6.1	4.8	4.4	6.4	4.9
PPG-KB2108	5.1	4.7	3.0	6.5	4.9	6.3	5.4	4.3	5.2	6.4	4.9
KENBLUE	3.1	5.3	3.7	5.2	5.3	4.0	5.6	4.5	3.8	6.3	4.8
PSM-231	3.3	5.8	2.3	6.3	2.4	5.7	5.4	4.5	6.0	5.6	4.7
PST-K20-3	3.2	4.3	2.6	5.9	3.3	3.1	5.1	3.4	5.8	5.8	4.6
GO-Y301	4.0	5.3	3.2	5.7	2.5	3.8	5.3	4.3	4.2	6.0	4.5
GO-Y312	3.4	5.8	3.0	5.8	2.8	4.1	5.6	4.1	3.7	5.8	4.5
PPG-KB2107	3.6	4.3	2.7	6.0	2.6	3.7	4.9	3.8	4.8	5.6	4.2
NAI-21-127	3.0	3.8	1.9	5.6	2.4	2.2	5.1	3.8	4.5	5.6	3.9
LSD VALUE	0.6	0.9	1.3	0.4	1.1	0.9	0.6	1.4	1.2	0.6	0.2
C.V. (%)	8.2	9.6	21.0	4.4	13.3	9.9	6.3	20.8	13.1	5.8	11.8

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

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

TABLE 6.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	DE1	IN1	KS1	MD1	MN1	MEAN
PST-K17-182	4.7	5.7	7.6	5.9	6.0	6.0
DLF-KB-3636	4.7	5.6	7.7	5.5	6.3	6.0
RAD 3240	4.8	5.4	7.8	5.6	5.8	5.9
NAI-19-58	5.4	4.9	7.6	5.8	5.6	5.8
A12-266	5.0	5.5	7.2	5.8	5.5	5.8
PST-K19-208	5.0	5.0	7.3	5.7	5.9	5.8
DLF-KB-3634	5.0	5.8	6.9	5.9	5.1	5.8
DLF-KB-3633	4.9	6.0	7.3	5.2	5.0	5.7
A19-17	4.8	5.3	7.5	5.6	4.7	5.6
BOMBAY	4.8	5.5	7.4	5.2	5.1	5.6
A21-11	4.8	5.4	7.2	5.3	5.3	5.6
PST-K20-1	4.7	4.0	7.7	5.5	6.1	5.6
J-2797	5.1	4.1	7.1	5.7	5.9	5.6
STARR	4.8	5.7	7.5	5.6	4.3	5.6
A15-16	5.0	5.2	7.0	5.3	5.3	5.6
BARSERATI	4.7	5.7	7.6	5.5	4.3	5.6
ARIES	5.2	5.0	7.1	5.7	4.7	5.5
DLF-KB-3635	4.3	5.9	7.0	5.5	4.7	5.5
PST-K22-11	5.1	4.8	7.1	5.6	4.8	5.5
DLF-KB-3637	4.8	5.0	7.3	5.8	4.2	5.4
A15-14	4.8	4.5	6.6	5.5	5.7	5.4
LIGHTNING	5.1	5.3	7.3	6.3	3.2	5.4
NAI-20-137	4.9	5.5	7.1	5.0	4.7	5.4
DLF-KB-3640	5.3	5.5	6.6	6.0	3.7	5.4
RESOLUTION	5.0	4.8	7.2	5.5	4.5	5.4
DLF-KB-3639	5.0	5.3	7.4	5.8	3.5	5.4
PST-K19-206	4.8	4.9	7.1	5.8	4.5	5.4
PVF-A17-842	5.3	5.5	6.6	5.8	3.8	5.4
RIGHT	4.8	4.8	7.1	5.8	4.5	5.4
J-1249	4.5	4.0	7.0	5.2	6.2	5.4
NAI-21-136	5.0	4.4	7.5	5.7	4.3	5.4
JERSEY	5.0	5.0	7.0	5.3	4.5	5.4
PST-T15-44	5.0	4.9	7.4	5.7	3.8	5.4
J-1331	4.7	4.0	6.7	5.2	6.0	5.3
A12-293	4.8	5.4	7.2	5.8	3.5	5.3
MIDNIGHT	4.4	4.5	7.1	5.0	5.3	5.3
A21-3	4.8	4.8	7.2	5.0	4.3	5.2
ACOUSTIC	4.9	3.5	7.1	4.8	5.7	5.2
BARON	4.3	4.5	7.2	5.3	4.7	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" *
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	DE1	IN1	KS1	MD1	MN1	MEAN
SKYLINE	5.0	5.0	6.9	5.4	3.5	5.2
PST-K19-201	4.9	4.3	7.2	5.4	3.9	5.1
LTP-A21-41	4.6	4.6	6.7	5.7	4.0	5.1
A15-17	4.8	4.5	7.0	5.3	4.1	5.1
SHAMROCK	4.5	4.4	7.2	5.0	4.2	5.1
J-2830	4.5	3.2	6.9	5.7	5.0	5.1
A21-6	4.9	4.7	7.5	4.8	3.4	5.0
DLF-KB-3638	4.8	4.6	7.2	5.4	3.3	5.0
PROSPERITY	4.8	4.2	6.4	5.0	4.7	5.0
KENBLUE	5.3	4.5	6.3	5.5	3.5	5.0
PST-K20-3	4.9	3.1	7.4	4.4	5.0	5.0
PPG-KB2108	4.4	4.3	7.1	4.3	3.9	4.8
PSM-231	4.8	3.4	7.4	4.8	3.5	4.8
GO-Y312	4.8	3.9	5.9	4.9	4.0	4.7
GO-Y301	5.0	3.6	6.7	4.8	3.0	4.6
PPG-KB2107	4.1	3.1	6.3	4.7	2.9	4.2
NAI-21-127	4.8	2.8	6.3	3.8	2.5	4.0
LSD VALUE	0.6	0.9	0.5	0.9	1.3	0.4
C.V. (%)	8.3	12.3	4.3	10.8	17.2	10.5

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	MA1	NJ1	NJ2	MEAN	NAME	MA1	NJ1	NJ2	MEAN
DLF-KB-3633	4.7	6.1	7.8	6.2	NAI-19-58	3.0	5.6	6.5	5.0
DLF-KB-3636	5.0	6.1	7.4	6.2	A12-266	4.5	4.3	6.2	5.0
DLF-KB-3635	5.7	6.6	6.1	6.1	A19-17	4.1	5.3	5.5	5.0
PST-K17-182	4.7	6.1	7.5	6.1	ARIES	4.0	5.3	5.6	5.0
PST-K20-1	3.9	6.7	7.6	6.0	J-2797	5.0	5.3	4.7	5.0
BARSERATI	5.3	6.3	6.2	5.9	MIDNIGHT	5.8	4.9	4.2	4.9
A15-16	5.0	5.6	6.9	5.8	J-1331	4.5	5.8	4.5	4.9
PVF-A17-842	5.2	5.5	6.5	5.7	NAI-21-136	3.7	4.1	6.7	4.9
A15-14	5.3	4.5	7.4	5.7	BARON	4.0	3.7	5.9	4.6
NAI-20-137	5.3	5.6	6.2	5.7	PROSPERITY	5.8	4.7	3.0	4.5
PST-K22-11	3.3	7.3	6.3	5.6	A21-3	4.1	4.1	5.2	4.5
ACOUSTIC	6.0	6.1	4.7	5.6	A15-17	3.4	4.7	5.3	4.5
PST-K19-208	5.3	5.5	5.9	5.6	DLF-KB-3637	3.3	4.9	5.0	4.4
J-2830	6.4	5.9	4.3	5.5	PST-T15-44	3.6	5.2	3.9	4.2
DLF-KB-3634	4.2	5.4	7.0	5.5	DLF-KB-3638	3.5	4.6	4.7	4.2
J-1249	6.0	5.7	4.6	5.4	PST-K19-201	4.0	3.8	4.8	4.2
RIGHT	4.7	5.7	5.8	5.4	A21-11	4.0	3.6	4.8	4.1
PPG-KB2108	5.1	4.9	6.3	5.4	KENBLUE	3.1	5.3	4.0	4.1
RESOLUTION	5.2	5.4	5.6	5.4	SHAMROCK	4.3	3.7	3.9	3.9
PST-K19-206	4.6	5.9	5.6	5.4	PSM-231	3.3	2.4	5.7	3.8
DLF-KB-3640	4.5	5.0	6.6	5.4	A21-6	3.8	2.7	4.3	3.6
A12-293	5.1	4.6	6.1	5.3	GO-Y301	4.0	2.5	3.8	3.5
SKYLINE	3.5	5.9	6.4	5.3	GO-Y312	3.4	2.8	4.1	3.4
LIGHTNING	3.0	5.5	7.3	5.3	PPG-KB2107	3.6	2.6	3.7	3.3
STARR	5.0	5.1	5.5	5.2	PST-K20-3	3.2	3.3	3.1	3.2
RAD 3240	3.7	4.6	7.3	5.2	NAI-21-127	3.0	2.4	2.2	2.5
JERSEY	5.2	4.9	5.3	5.1					
BOMBAY	5.3	5.0	5.1	5.1					
DLF-KB-3639	4.5	5.2	5.4	5.1	LSD VALUE	0.6	1.1	0.9	0.5
LTP-A21-41	3.5	4.9	6.8	5.1	C.V. (%)	8.2	13.3	9.9	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 8.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	DE1	KS1	MD1	NC1	VA1	MEAN
LIGHTNING	5.1	7.3	6.3	4.2	6.5	5.9
DLF-KB-3640	5.3	6.6	6.0	4.9	6.6	5.9
DLF-KB-3636	4.7	7.7	5.5	4.4	6.8	5.8
BOMBAY	4.8	7.4	5.2	4.8	6.7	5.8
PST-K22-11	5.1	7.1	5.6	4.8	6.3	5.8
A19-17	4.8	7.5	5.6	4.6	6.2	5.8
NAI-19-58	5.4	7.6	5.8	3.4	6.7	5.8
PST-K17-182	4.7	7.6	5.9	4.0	6.5	5.7
PVF-A17-842	5.3	6.6	5.8	4.4	6.7	5.7
ARIES	5.2	7.1	5.7	4.7	6.1	5.7
DLF-KB-3637	4.8	7.3	5.8	4.6	6.1	5.7
A12-293	4.8	7.2	5.8	4.4	6.5	5.7
J-2797	5.1	7.1	5.7	4.7	5.8	5.7
PST-T15-44	5.0	7.4	5.7	4.4	5.8	5.7
DLF-KB-3639	5.0	7.4	5.8	4.1	6.0	5.7
RESOLUTION	5.0	7.2	5.5	4.4	6.1	5.6
A12-266	5.0	7.2	5.8	4.0	6.1	5.6
DLF-KB-3635	4.3	7.0	5.5	4.5	6.9	5.6
DLF-KB-3633	4.9	7.3	5.2	4.1	6.6	5.6
DLF-KB-3634	5.0	6.9	5.9	3.9	6.4	5.6
J-1249	4.5	7.0	5.2	4.7	6.6	5.6
A21-6	4.9	7.5	4.8	4.4	6.4	5.6
DLF-KB-3638	4.8	7.2	5.4	4.7	5.9	5.6
RAD 3240	4.8	7.8	5.6	3.0	6.8	5.6
BARSERATI	4.7	7.6	5.5	3.3	6.8	5.6
STARR	4.8	7.5	5.6	3.6	6.3	5.6
PST-K20-1	4.7	7.7	5.5	3.9	5.9	5.5
PST-K19-206	4.8	7.1	5.8	3.9	6.1	5.5
A15-14	4.8	6.6	5.5	4.0	6.6	5.5
A21-3	4.8	7.2	5.0	4.1	6.4	5.5
BARON	4.3	7.2	5.3	4.6	6.1	5.5
RIGHT	4.8	7.1	5.8	3.8	6.0	5.5
PST-K19-208	5.0	7.3	5.7	3.3	6.1	5.5
NAI-20-137	4.9	7.1	5.0	4.1	6.2	5.5
SKYLINE	5.0	6.9	5.4	3.8	6.0	5.4
KENBLUE	5.3	6.3	5.5	3.7	6.3	5.4
J-2830	4.5	6.9	5.7	3.8	6.0	5.4
NAI-21-136	5.0	7.5	5.7	2.6	6.1	5.4
J-1331	4.7	6.7	5.2	4.1	6.1	5.4

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	DE1	KS1	MD1	NC1	VA1	MEAN
A15-16	5.0	7.0	5.3	3.4	6.0	5.4
ACOUSTIC	4.9	7.1	4.8	4.0	6.0	5.4
JERSEY	5.0	7.0	5.3	3.4	6.0	5.3
SHAMROCK	4.5	7.2	5.0	3.7	6.2	5.3
PST-K19-201	4.9	7.2	5.4	2.8	6.3	5.3
A15-17	4.8	7.0	5.3	3.4	6.0	5.3
MIDNIGHT	4.4	7.1	5.0	3.8	6.3	5.3
A21-11	4.8	7.2	5.3	3.0	6.1	5.3
PROSPERITY	4.8	6.4	5.0	3.6	5.9	5.2
LTP-A21-41	4.6	6.7	5.7	2.7	6.0	5.1
GO-Y301	5.0	6.7	4.8	3.2	6.0	5.1
PPG-KB2108	4.4	7.1	4.3	3.0	6.4	5.1
PST-K20-3	4.9	7.4	4.4	2.6	5.8	5.0
PSM-231	4.8	7.4	4.8	2.3	5.6	5.0
GO-Y312	4.8	5.9	4.9	3.0	5.8	4.9
PPG-KB2107	4.1	6.3	4.7	2.7	5.6	4.7
NAI-21-127	4.8	6.3	3.8	1.9	5.6	4.5
LSD VALUE	0.6	0.5	0.9	1.3	0.6	0.4
C.V. (%)	8.3	4.3	10.8	21.0	5.8	9.5

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

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

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	MI1	MN1	NE1	OH1	MEAN
PST-K17-182	5.7	6.3	6.0	6.5	5.8	6.1
DLF-KB-3636	5.6	5.7	6.3	6.3	5.9	6.0
A12-266	5.5	6.7	5.5	6.0	5.9	5.9
DLF-KB-3634	5.8	6.3	5.1	6.4	5.8	5.9
BARSERATI	5.7	6.3	4.3	6.5	6.4	5.9
DLF-KB-3635	5.9	6.4	4.7	6.3	5.9	5.8
NAI-19-58	4.9	6.3	5.6	6.1	6.2	5.8
ARIES	5.0	6.8	4.7	6.4	6.2	5.8
BOMBAY	5.5	6.0	5.1	6.3	6.1	5.8
STARR	5.7	6.3	4.3	6.6	6.0	5.8
PST-K19-208	5.0	6.0	5.9	6.2	5.5	5.7
A15-16	5.2	6.5	5.3	5.9	5.7	5.7
DLF-KB-3633	6.0	5.7	5.0	6.0	5.9	5.7
RAD 3240	5.4	5.3	5.8	6.2	5.9	5.7
A19-17	5.3	5.9	4.7	6.8	5.7	5.7
MIDNIGHT	4.5	6.0	5.3	6.3	6.2	5.7
A21-11	5.4	5.8	5.3	6.0	5.8	5.7
NAI-20-137	5.5	6.5	4.7	5.8	5.7	5.6
RESOLUTION	4.8	6.8	4.5	6.1	5.9	5.6
A15-14	4.5	5.8	5.7	6.2	5.9	5.6
J-1331	4.0	6.3	6.0	6.0	5.7	5.6
PST-K20-1	4.0	5.8	6.1	6.2	5.8	5.6
J-1249	4.0	5.8	6.2	6.2	5.7	5.6
RIGHT	4.8	6.0	4.5	6.3	6.2	5.6
PVF-A17-842	5.5	6.4	3.8	6.2	5.8	5.5
BARON	4.5	6.3	4.7	6.0	6.2	5.5
A12-293	5.4	6.4	3.5	6.1	6.1	5.5
PST-K22-11	4.8	6.2	4.8	5.8	6.0	5.5
JERSEY	5.0	6.0	4.5	6.2	5.7	5.5
ACOUSTIC	3.5	5.6	5.7	6.4	6.3	5.5
A21-3	4.8	6.3	4.3	6.1	5.8	5.5
J-2797	4.1	5.5	5.9	6.2	5.6	5.5
LIGHTNING	5.3	6.7	3.2	5.9	6.2	5.4
DLF-KB-3640	5.5	6.3	3.7	5.8	5.8	5.4
NAI-21-136	4.4	6.2	4.3	6.0	6.1	5.4
SHAMROCK	4.4	5.9	4.2	6.0	6.3	5.4
DLF-KB-3637	5.0	5.9	4.2	5.9	5.8	5.4
PST-K19-206	4.9	5.5	4.5	6.0	5.9	5.3
A21-6	4.7	6.3	3.4	6.2	6.1	5.3

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IN1	MI1	MN1	NE1	OH1	MEAN
DLF-KB-3639	5.3	5.8	3.5	5.7	5.9	5.3
A15-17	4.5	6.2	4.1	6.0	5.6	5.2
LTP-A21-41	4.6	5.6	4.0	6.0	5.9	5.2
DLF-KB-3638	4.6	6.1	3.3	5.9	5.9	5.1
PST-T15-44	4.9	5.2	3.8	6.1	5.6	5.1
J-2830	3.2	5.5	5.0	5.6	5.8	5.0
GO-Y312	3.9	5.8	4.0	5.8	5.6	5.0
PPG-KB2108	4.3	4.7	3.9	6.5	5.4	5.0
SKYLINE	5.0	5.3	3.5	5.2	5.7	4.9
PST-K19-201	4.3	5.2	3.9	5.9	5.5	4.9
PSM-231	3.4	5.8	3.5	6.3	5.4	4.9
KENBLUE	4.5	5.3	3.5	5.2	5.6	4.8
PROSPERITY	4.2	4.3	4.7	5.9	4.8	4.8
PST-K20-3	3.1	4.3	5.0	5.9	5.1	4.7
GO-Y301	3.6	5.3	3.0	5.7	5.3	4.6
PPG-KB2107	3.1	4.3	2.9	6.0	4.9	4.2
NAI-21-127	2.8	3.8	2.5	5.6	5.1	4.0
LSD VALUE	0.9	0.9	1.3	0.4	0.6	0.4
C.V. (%)	12.3	9.6	17.2	4.4	6.3	10.1

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

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

TABLE 10.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/							
NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-K19-208	6.0	7.7	7.0	8.7	8.7	8.3	7.7
ACOUSTIC	6.3	7.0	7.3	7.7	8.3	7.0	7.3
MIDNIGHT	5.7	7.7	7.0	7.0	7.7	7.7	7.1
PROSPERITY	4.7	6.3	7.7	7.7	8.3	8.0	7.1
J-1331	6.0	8.3	6.7	7.3	7.3	6.7	7.1
DLF-KB-3633	7.7	7.7	6.3	6.3	7.3	6.7	7.0
J-2830	5.7	6.3	6.3	7.3	8.3	7.7	6.9
J-1249	5.7	7.3	6.0	7.0	7.7	7.0	6.8
RAD 3240	6.3	7.0	6.0	6.3	7.7	7.3	6.8
J-2797	5.7	7.3	5.7	6.7	7.0	8.0	6.7
DLF-KB-3635	8.0	7.3	4.7	6.7	6.3	7.3	6.7
PST-K20-1	5.7	6.3	6.7	6.7	7.3	7.3	6.7
PST-K19-201	5.7	7.7	7.3	5.7	7.0	6.3	6.6
STARR	6.7	6.7	5.0	6.0	7.3	7.3	6.5
A21-11	5.3	6.7	6.3	6.7	7.0	6.7	6.4
DLF-KB-3639	7.0	5.7	5.7	6.3	7.0	6.7	6.4
RESOLUTION	5.0	6.7	5.7	6.7	7.0	7.3	6.4
DLF-KB-3634	6.7	6.0	5.7	5.7	7.3	6.7	6.3
JERSEY	6.0	6.7	5.3	6.0	6.3	7.7	6.3
RIGHT	4.7	6.3	5.3	6.7	8.0	7.0	6.3
BARSERATI	6.7	5.3	5.7	5.7	6.7	7.3	6.2
NAI-19-58	5.3	6.0	5.7	6.0	7.7	6.7	6.2
PST-K22-11	6.3	5.3	6.3	6.3	6.3	6.3	6.2
A15-16	5.3	6.3	5.7	6.0	6.7	6.7	6.1
PST-K17-182	6.0	5.7	5.7	5.0	7.3	7.0	6.1
PSM-231	4.7	5.7	5.7	6.0	7.7	6.3	6.0
PST-T15-44	6.3	6.3	6.0	6.0	6.0	5.0	5.9
ARIES	6.3	5.7	5.7	5.3	6.0	6.7	5.9
NAI-20-137	5.7	6.7	5.0	5.3	6.7	6.3	5.9
DLF-KB-3636	6.0	6.3	5.7	4.7	6.3	6.3	5.9
PST-K20-3	3.7	5.0	5.7	6.0	7.7	7.0	5.8
A15-14	5.7	5.7	5.0	5.3	6.3	6.0	5.7
BARON	5.3	6.3	5.7	5.7	6.0	5.0	5.7
SHAMROCK	6.0	5.3	5.3	5.7	5.7	6.0	5.7
A12-266	6.3	5.7	6.0	5.3	5.3	4.7	5.6
A12-293	5.7	5.7	5.7	4.3	5.0	6.3	5.4
LIGHTNING	5.7	4.7	5.7	5.0	5.7	6.0	5.4
A19-17	4.3	5.0	5.0	4.7	6.0	7.0	5.3
SKYLINE	6.3	5.0	6.0	4.7	5.3	4.7	5.3

TABLE 10.
(CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT LOGAN, UT (IN THE UPPER WEST/MOUNTAIN REGION) 1/
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/							
NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DLF-KB-3638	4.7	5.0	5.3	4.7	6.0	6.0	5.3
PPG-KB2108	4.0	4.7	5.7	5.0	6.3	5.7	5.2
PST-KI9-206	5.0	5.7	5.0	4.7	5.3	5.0	5.1
BOMBAY	5.7	4.7	4.3	5.3	5.3	5.3	5.1
A15-17	3.0	4.3	5.0	5.0	6.0	6.3	4.9
A21-3	3.3	4.7	5.3	5.0	6.0	5.3	4.9
PPG-KB2107	3.0	4.3	4.3	5.0	6.0	6.3	4.8
PVF-A17-842	4.7	5.0	4.7	4.0	5.0	5.7	4.8
DLF-KB-3637	3.3	4.3	5.0	4.7	6.0	5.3	4.8
LTP-A21-41	4.3	4.3	5.0	5.0	4.7	5.3	4.8
NAI-21-136	3.0	3.3	4.0	5.0	6.7	6.7	4.8
NAI-21-127	4.3	4.7	3.3	4.3	5.3	5.0	4.5
A21-6	3.7	4.3	4.0	4.7	4.7	5.3	4.4
DLF-KB-3640	4.3	4.3	5.0	3.3	4.7	5.0	4.4
GO-Y301	4.3	4.3	4.0	4.3	4.3	3.7	4.2
KENBLUE	3.7	2.7	4.3	3.3	4.3	4.3	3.8
GO-Y312	3.0	3.3	3.7	3.3	4.0	4.7	3.7
LSD VALUE	1.5	1.9	1.5	1.7	1.5	1.7	1.2
C.V. (%)	17.7	20.6	17.0	19.1	14.8	16.4	13.1

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

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

TABLE 11.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN AT CORVALLIS, OR (IN THE PACIFIC REGION) 1/
2024 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/											
NAME	AUG	SEP	OCT	NOV	MEAN	NAME	AUG	SEP	OCT	NOV	MEAN
LIGHTNING	5.7	6.3	6.3	5.0	5.8	DLF-KB-3637	3.3	4.7	4.3	4.7	4.3
DLF-KB-3635	5.3	5.7	5.3	5.0	5.3	GO-Y301	3.7	4.7	4.7	4.0	4.3
J-1331	4.7	5.0	5.7	5.3	5.2	NAI-19-58	4.0	4.0	4.7	4.3	4.3
SKYLINE	5.0	5.3	5.3	5.0	5.2	PPG-KB2108	3.3	4.3	5.0	4.3	4.3
DLF-KB-3640	4.7	5.3	5.7	4.3	5.0	PST-K20-1	3.7	4.7	4.3	4.3	4.3
A21-6	4.7	5.0	5.0	4.7	4.8	PVF-A17-842	3.3	4.7	4.7	4.3	4.3
DLF-KB-3634	3.7	5.3	5.3	5.0	4.8	RIGHT	3.7	4.3	4.7	4.3	4.3
PST-K19-201	4.0	5.0	5.3	5.0	4.8	BARSERATI	3.7	4.3	4.3	4.3	4.2
ACOUSTIC	4.3	4.7	5.0	5.0	4.8	BOMBAY	4.0	4.3	4.0	4.0	4.1
DLF-KB-3639	4.0	5.3	5.0	4.7	4.8	GO-Y312	3.3	4.3	4.7	4.0	4.1
LTP-A21-41	4.7	4.7	5.0	4.7	4.8	J-1249	3.0	4.7	4.7	4.0	4.1
NAI-20-137	4.7	5.0	5.0	4.3	4.8	A15-14	3.7	4.0	4.3	3.7	3.9
PST-K17-182	4.0	5.0	5.3	4.7	4.8	NAI-21-136	3.7	4.0	4.3	3.7	3.9
A21-3	4.0	5.0	5.0	4.7	4.7	ARIES	3.3	4.0	4.0	4.0	3.8
A19-17	4.0	4.7	4.7	5.0	4.6	PPG-KB2107	3.3	4.0	4.7	3.3	3.8
A21-11	4.0	4.7	5.3	4.3	4.6	JERSEY	3.7	3.7	4.0	3.7	3.8
PST-K19-208	4.0	4.7	5.0	4.7	4.6	NAI-21-127	3.3	4.0	4.3	3.3	3.8
PST-K22-11	4.0	5.0	4.7	4.7	4.6	PST-T15-44	3.3	4.0	3.7	3.7	3.7
A12-266	4.0	5.0	5.0	4.0	4.5	MIDNIGHT	3.3	3.7	3.7	3.7	3.6
DLF-KB-3636	3.7	5.3	5.0	4.0	4.5	A15-16	2.7	4.0	3.7	3.7	3.5
DLF-KB-3638	4.0	4.7	4.7	4.7	4.5	PST-K20-3	3.0	3.3	4.0	3.3	3.4
KENBLUE	4.0	4.7	5.0	4.3	4.5	RAD 3240	2.7	3.7	3.7	3.7	3.4
PSM-231	3.7	4.7	4.7	5.0	4.5	PROSPERITY	3.0	3.7	3.3	3.3	3.3
J-2797	3.3	4.7	5.0	4.7	4.4	STARR	2.7	3.7	3.7	3.3	3.3
A12-293	4.0	4.3	4.7	4.3	4.3	J-2830	2.7	3.3	3.7	3.3	3.3
RESOLUTION	4.0	4.7	4.7	4.0	4.3	PST-K19-206	3.0	3.3	3.3	3.0	3.2
SHAMROCK	4.0	4.7	4.7	4.0	4.3						
A15-17	3.3	4.3	5.0	4.3	4.3						
BARON	3.7	4.7	4.7	4.0	4.3	LSD VALUE	1.9	1.5	1.5	1.5	1.4
DLF-KB-3633	4.0	4.7	4.3	4.0	4.3	C.V. (%)	31.1	21.2	20.6	21.9	20.8

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

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

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/
2024 DATA

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

NAME	GENETIC COLOR	PERCENT OCT 18	ESTABLISHMENT OCT 24	AUG	QUALITY RATINGS				MEAN
					SEP	OCT	NOV		
DLF-KB-3636	7.7	48.3	51.7	7.0	7.0	7.7	6.3	7.0	
NAI-20-137	6.3	41.7	46.7	7.0	7.0	7.3	6.3	6.9	
A21-3	6.7	31.7	33.3	6.7	6.7	7.7	6.0	6.8	
JERSEY	6.3	45.0	50.0	7.0	7.0	7.0	6.0	6.8	
A12-293	6.0	41.7	46.7	6.7	7.0	7.0	5.7	6.6	
LIGHTNING	6.0	43.3	43.3	7.0	6.7	7.0	5.7	6.6	
RESOLUTION	6.3	40.0	45.0	6.7	6.3	7.0	6.3	6.6	
A15-16	7.3	48.3	51.7	6.7	6.0	7.3	5.7	6.4	
ARIES	6.0	46.7	48.3	6.3	6.3	6.7	6.3	6.4	
DLF-KB-3635	6.0	50.0	55.0	6.7	6.3	7.0	5.7	6.4	
DLF-KB-3640	6.0	41.7	45.0	6.3	6.7	7.0	5.7	6.4	
A21-11	7.0	48.3	51.7	7.0	6.0	6.7	5.3	6.3	
ACOUSTIC	7.3	50.0	56.7	7.0	6.3	6.3	5.3	6.3	
BARSERATI	6.0	46.7	51.7	6.3	6.7	7.0	5.3	6.3	
J-1331	7.3	43.3	51.7	6.7	6.3	6.7	5.7	6.3	
NAI-19-58	7.3	46.7	48.3	7.0	6.3	6.3	5.3	6.3	
PVF-A17-842	6.0	45.0	46.7	6.0	7.0	7.0	5.3	6.3	
RAD 3240	8.0	43.3	45.0	6.7	5.7	7.0	5.7	6.3	
A12-266	6.7	50.0	58.3	7.0	6.7	6.3	4.7	6.2	
BOMBAY	7.0	43.3	46.7	6.7	5.7	6.7	5.7	6.2	
DLF-KB-3637	6.7	25.0	25.0	6.3	5.7	7.0	5.7	6.2	
MIDNIGHT	7.7	41.7	46.7	6.7	5.7	6.7	5.7	6.2	
DLF-KB-3633	7.3	46.7	50.0	6.3	6.0	6.7	5.3	6.1	
DLF-KB-3634	6.7	38.3	46.7	6.3	6.0	6.7	5.3	6.1	
J-1249	7.0	43.3	46.7	6.3	6.0	6.7	5.3	6.1	
NAI-21-136	7.3	31.7	33.3	6.7	6.0	6.3	5.3	6.1	
PST-K17-182	6.3	45.0	50.0	6.0	6.0	6.7	5.7	6.1	
SHAMROCK	6.3	46.7	51.7	6.0	6.0	6.7	5.7	6.1	
A15-17	6.3	30.0	35.0	6.0	6.3	6.7	5.0	6.0	
J-2797	7.0	45.0	48.3	6.7	5.3	6.0	6.0	6.0	
J-2830	7.7	38.3	43.3	6.7	6.0	6.0	5.3	6.0	
PST-K20-1	6.0	45.0	51.7	6.0	6.0	6.3	5.7	6.0	
PST-K22-11	6.0	46.7	51.7	6.3	6.0	6.0	5.7	6.0	
A15-14	6.3	46.7	55.0	6.0	6.0	6.3	5.3	5.9	
A21-6	6.0	28.3	35.0	5.7	5.7	6.7	5.7	5.9	
PST-K19-208	7.7	46.7	53.3	6.3	5.7	6.0	5.7	5.9	
BARON	6.3	40.0	41.7	6.3	6.0	6.3	4.7	5.8	
DLF-KB-3638	6.3	30.0	35.0	6.3	6.0	6.0	5.0	5.8	
DLF-KB-3639	6.7	45.0	50.0	5.7	5.7	6.3	5.3	5.8	
GO-Y312	6.0	38.3	40.0	5.7	5.3	6.7	5.7	5.8	
PSM-231	7.0	36.7	40.0	6.7	5.0	6.0	5.3	5.8	
PST-T15-44	7.0	46.7	55.0	5.7	5.7	6.7	5.3	5.8	
STARR	6.3	35.0	41.7	5.7	5.7	6.3	5.3	5.8	
A19-17	6.3	40.0	41.7	6.0	5.7	6.0	5.0	5.7	
LTP-A21-41	6.0	45.0	46.7	5.3	6.0	6.0	5.3	5.7	
PST-K19-206	8.0	50.0	53.3	6.0	5.0	6.3	5.3	5.7	
RIGHT	7.7	38.3	40.0	5.7	5.3	5.7	5.7	5.6	

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/
2024 DATA

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

NAME	GENETIC COLOR	PERCENT ESTABLISHMENT		AUG	QUALITY RATINGS			MEAN
		OCT 18	OCT 24		SEP	OCT	NOV	
SKYLINE	5.7	30.0	38.3	5.3	6.0	6.3	4.3	5.5
KENBLUE	5.3	40.0	41.7	5.0	6.0	6.0	4.7	5.4
PROSPERITY	8.0	38.3	36.7	6.0	5.7	5.0	4.3	5.3
PST-K20-3	8.0	33.3	33.3	6.3	4.7	5.7	4.7	5.3
GO-Y301	6.7	41.7	43.3	5.3	4.7	6.0	4.3	5.1
NAI-21-127	7.3	33.3	40.0	5.3	5.0	6.0	4.0	5.1
PST-K19-201	7.7	43.3	43.3	5.7	4.7	5.0	4.7	5.0
PPG-KB2107	7.3	38.3	45.0	5.0	4.3	4.3	4.3	4.5
PPG-KB2108	7.7	40.0	43.3	4.7	4.3	5.0	4.0	4.5
LSD VALUE	0.7	14.0	10.6	1.0	0.9	1.1	2.0	0.7
C.V. (%)	6.8	17.2	13.8	9.4	9.6	9.7	14.8	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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT AMES, IA 1/
2024 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
DLF-KB-3635	5.0	6.3	3.3	4.7	5.3	5.0	6.7	9.0	9.0	9.0	8.7	7.3	8.0	8.0	8.2
BARSERATI	5.0	7.3	3.3	4.7	4.7	4.7	5.7	8.3	7.7	8.3	8.0	6.3	7.7	7.3	7.4
A15-14	5.7	6.7	2.3	4.7	5.0	4.3	5.7	8.0	7.7	7.7	8.0	8.0	7.3	5.0	7.2
PVF-A17-842	5.0	6.7	5.0	4.3	4.7	4.7	6.0	9.0	7.0	7.7	7.7	6.3	7.3	6.7	7.2
LTP-A21-41	5.0	6.3	3.3	4.3	4.3	5.0	6.0	9.0	8.7	7.0	7.0	5.3	7.0	6.7	7.1
BARON	5.3	7.0	2.7	5.0	5.0	4.3	5.3	7.7	7.3	7.0	7.0	8.0	7.0	5.0	6.8
DLF-KB-3634	5.3	6.0	2.0	4.3	4.7	4.3	4.7	7.3	8.0	8.0	7.0	7.0	6.3	6.0	6.8
NAI-20-137	5.7	6.7	2.3	4.7	4.7	4.7	5.7	7.7	8.3	8.7	6.7	6.0	5.3	5.7	6.8
A15-16	5.3	6.7	3.3	4.0	4.0	4.3	5.3	8.0	8.3	6.7	6.7	6.3	6.0	6.0	6.7
DLF-KB-3640	5.0	6.7	3.3	4.7	4.3	4.7	6.0	8.3	8.3	6.3	7.0	5.0	6.7	6.0	6.7
J-2830	6.0	6.3	3.7	4.7	5.7	4.3	6.0	7.7	7.0	7.0	7.7	7.7	5.7	5.0	6.7
PST-K22-11	5.7	7.0	2.7	4.3	4.7	4.3	6.0	8.7	7.3	7.0	7.7	5.7	5.3	5.7	6.7
ARIES	5.7	7.0	2.7	4.7	4.7	4.3	5.7	8.0	7.7	8.0	6.3	5.3	6.3	5.7	6.6
J-1249	5.7	6.0	2.0	4.7	4.7	4.3	5.0	7.3	6.3	7.3	7.7	7.0	6.3	5.0	6.5
PST-K19-206	5.7	6.0	1.7	4.7	5.0	4.3	5.3	7.3	8.3	8.0	6.3	6.0	5.7	4.7	6.5
RAD 3240	6.0	6.7	2.7	4.3	5.3	4.0	5.3	7.7	7.7	8.0	7.7	6.0	5.3	4.0	6.5
A21-11	6.0	6.3	2.0	4.3	4.3	4.0	5.7	7.3	8.0	8.3	6.0	5.0	5.7	5.3	6.4
DLF-KB-3633	6.0	6.7	3.3	4.7	4.0	3.7	6.0	8.0	8.3	7.7	6.3	5.3	4.7	5.0	6.4
RESOLUTION	6.0	6.7	1.7	5.0	4.3	4.0	6.7	8.0	7.7	7.0	6.0	5.3	5.0	5.3	6.4
BOMBAY	5.3	6.7	3.7	4.3	4.3	4.3	6.0	7.7	7.7	6.7	5.7	4.7	6.0	5.7	6.3
SKYLINE	5.0	7.0	2.3	4.7	5.0	4.7	6.0	8.3	7.3	6.0	6.3	5.0	6.3	5.3	6.3
A12-266	5.7	6.3	4.0	4.3	5.0	4.0	5.0	7.7	7.0	6.3	6.7	6.0	6.0	5.0	6.2
PST-K20-1	5.7	5.3	1.7	4.3	4.3	4.0	5.7	6.3	7.0	7.7	6.3	5.7	5.7	5.0	6.2
A12-293	5.3	6.3	3.7	4.0	4.0	4.0	5.7	8.0	7.3	7.0	6.7	4.0	5.7	4.7	6.1
DLF-KB-3638	5.7	6.0	2.0	4.3	4.3	4.0	4.7	7.0	7.0	8.0	6.7	5.3	5.0	5.0	6.1
J-2797	6.0	6.0	2.3	4.3	4.7	4.0	4.7	7.3	7.7	8.0	6.3	5.3	4.7	5.0	6.1
PROSPERITY	5.7	6.7	1.7	4.7	4.3	4.0	5.7	7.3	8.0	7.7	6.0	4.0	5.3	5.0	6.1
STARR	5.7	6.0	2.0	4.7	4.7	3.7	6.7	7.0	7.3	6.3	5.3	5.0	6.0	5.3	6.1

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT AMES, IA 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/															
NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
DLF-KB-3639	5.3	6.7	3.0	4.7	4.7	4.0	6.7	8.0	7.0	6.3	6.0	4.3	5.0	4.3	6.0
JERSEY	6.3	6.3	3.7	4.3	5.0	4.3	5.7	6.0	7.0	6.7	7.0	5.3	4.7	5.7	6.0
SHAMROCK	5.7	6.3	3.0	4.7	4.0	4.3	6.7	8.3	8.0	6.3	5.7	3.7	5.0	4.7	6.0
DLF-KB-3636	6.7	5.7	2.7	4.7	4.3	4.3	6.7	7.3	7.0	6.0	6.0	4.7	5.0	4.3	5.9
ACOUSTIC	5.7	6.0	4.0	4.7	4.7	4.7	5.3	8.0	7.0	7.0	5.7	4.3	5.3	4.0	5.8
LIGHTNING	6.0	5.7	3.3	4.3	3.7	4.0	5.7	7.0	7.3	6.0	6.3	4.3	4.7	4.3	5.7
MIDNIGHT	6.7	6.3	2.7	4.7	4.3	4.3	5.7	7.7	6.3	5.3	5.7	4.7	5.3	4.0	5.6
A15-17	6.0	6.0	1.3	3.7	4.3	3.3	3.7	6.0	6.3	7.3	5.3	6.0	5.0	4.0	5.5
KENBLUE	5.0	6.7	2.7	4.7	4.0	4.3	6.7	8.7	5.3	3.7	4.7	4.0	5.3	5.0	5.4
PST-K19-208	6.0	6.7	2.0	4.3	4.3	4.0	5.0	7.0	7.0	5.7	4.7	5.0	4.3	4.3	5.4
PST-T15-44	6.0	5.7	2.7	4.3	4.3	4.3	5.7	7.7	6.7	4.7	5.0	4.7	4.7	4.3	5.4
DLF-KB-3637	7.0	5.7	1.0	3.7	4.3	4.0	4.7	7.0	8.0	5.7	5.3	3.7	4.0	4.3	5.3
J-1331	7.0	6.0	3.3	4.7	4.3	4.0	5.7	7.7	7.3	6.0	5.3	3.7	3.7	2.7	5.3
PST-K20-3	6.3	5.7	1.7	4.3	4.3	4.0	4.3	6.0	6.7	5.3	5.3	5.3	4.7	4.0	5.2
NAI-21-136	5.7	5.7	2.0	4.0	3.7	4.0	5.3	7.0	5.7	6.0	4.7	4.0	4.7	3.3	5.1
GO-Y301	6.3	5.7	2.3	4.3	4.0	3.7	5.7	7.0	6.3	5.3	4.7	3.0	4.3	4.0	5.0
PST-K19-201	6.0	5.7	2.0	4.0	3.7	4.0	5.7	6.7	7.0	7.0	3.7	2.7	3.3	3.0	4.9
GO-Y312	7.0	6.0	2.3	4.7	4.0	3.7	6.0	7.3	6.3	5.0	4.0	3.0	3.7	2.7	4.8
PST-K17-182	6.7	6.0	2.7	4.3	4.3	3.7	6.0	6.0	5.7	5.3	4.0	4.3	4.0	3.3	4.8
NAI-19-58	6.7	6.3	2.0	4.3	3.7	4.0	4.7	7.7	5.3	6.0	4.0	3.3	3.7	3.0	4.7
A21-3	6.3	5.0	2.0	3.7	4.0	3.3	4.0	5.0	4.7	6.0	5.0	4.7	4.0	3.7	4.6
A21-6	6.7	5.7	2.3	4.3	4.0	3.3	3.7	6.0	5.7	5.0	4.3	3.3	3.3	3.0	4.3
PPG-KB2107	7.0	5.3	1.7	4.3	4.0	4.0	3.7	6.0	5.7	5.3	4.3	2.7	3.3	3.0	4.3
RIGHT	6.0	5.7	1.7	4.7	4.3	4.0	4.7	5.7	5.7	5.3	3.7	3.0	4.0	2.7	4.3
PPG-KB2108	6.7	5.7	3.0	4.3	3.7	4.0	3.3	6.3	4.7	4.7	3.3	3.3	4.3	3.0	4.1
PSM-231	6.7	5.3	2.7	3.3	4.0	3.3	4.0	5.0	6.0	5.3	2.7	2.7	3.3	3.0	4.0
A19-17	7.3	6.0	4.0	3.7	3.7	4.0	4.7	6.0	4.7	4.7	3.0	2.3	2.7	3.0	3.9
NAI-21-127	7.0	6.0	4.0	4.3	4.3	4.0	5.7	6.7	5.7	3.3	2.3	2.0	2.3	2.0	3.8
LSD VALUE	2.5	1.2	4.4	2.3	1.2	1.6	3.9	3.3	5.4	4.6	2.3	1.8	2.3	2.5	2.0
C.V. (%)	15.4	9.7	50.0	13.6	12.9	13.5	23.8	18.2	24.0	27.2	23.3	23.0	25.1	29.1	18.4

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

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

TABLE 13.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT AMES, IA 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
NAME	COLOR OCTOBER	COLOR NOVEMBER	APRIL	PERCENT MAY	GROUND COVER JULY	FROM APRIL-NOVEMBER AUGUST	OCTOBER	NOVEMBER	QUALITY OCT 2023	QUALITY NOV 2023	PERCENT OCTOBER	ESTABLISHMENT NOVEMBER
DLF-KB-3635	3.7	4.0	52.7	95.3	95.7	90.3	74.0	63.7	4.7	5.3	59.7	82.0
BARSERATI	4.3	4.3	46.7	88.7	90.3	82.0	73.0	61.0	4.7	5.0	37.0	63.7
A15-14	4.0	4.3	47.3	85.0	83.0	83.7	66.7	38.0	4.0	5.0	43.3	65.7
PVF-A17-842	4.0	4.0	48.3	97.7	86.3	77.0	66.0	52.0	5.0	5.0	44.7	67.3
LTP-A21-41	3.7	4.0	48.3	96.7	72.7	73.0	63.3	53.0	4.3	5.0	49.0	72.7
BARON	4.0	4.0	41.0	81.0	78.0	69.7	64.7	37.0	4.0	5.0	41.3	67.0
DLF-KB-3634	4.7	4.3	36.0	78.7	84.3	71.7	60.7	49.0	4.3	4.7	34.0	53.0
NAI-20-137	4.3	4.7	46.7	82.0	94.0	68.0	47.7	44.7	4.0	4.3	28.3	42.0
A15-16	4.7	5.0	44.0	85.3	71.0	68.3	54.3	43.0	5.0	5.3	40.3	53.7
DLF-KB-3640	4.0	4.3	48.0	91.7	67.3	69.3	60.3	48.0	4.3	5.0	45.0	67.7
J-2830	4.0	4.3	44.0	81.7	73.3	75.3	50.7	38.0	4.3	5.0	35.7	61.3
PST-K22-11	4.3	4.0	48.7	91.7	76.0	82.3	46.7	43.7	4.0	4.3	36.0	56.7
ARIES	4.0	4.3	46.0	90.0	85.7	61.0	57.3	44.7	4.3	5.0	42.3	60.0
J-1249	4.0	4.3	39.0	75.3	81.3	83.7	56.7	37.7	4.7	4.7	51.0	60.3
PST-K19-206	4.3	4.3	45.0	80.7	83.3	65.0	48.3	35.7	4.0	4.3	29.7	48.3
RAD 3240	4.7	4.7	45.0	78.3	91.0	76.7	46.3	28.0	4.7	4.3	34.0	53.0
A21-11	4.7	4.7	45.7	75.7	87.0	57.3	51.3	41.0	4.3	4.3	28.7	51.3
DLF-KB-3633	4.3	4.0	50.0	86.0	85.3	64.3	39.3	34.3	4.3	4.7	35.3	59.3
RESOLUTION	5.0	4.3	55.3	85.3	76.7	59.0	42.3	39.0	4.0	4.0	22.0	41.3
BOMBAY	3.0	4.7	50.3	84.0	71.0	57.7	54.0	43.3	4.0	4.7	27.7	43.7
SKYLINE	4.3	4.0	50.3	88.0	60.3	63.7	56.0	38.7	4.0	4.7	29.7	52.0
A12-266	4.0	4.0	37.3	84.7	65.7	67.7	52.7	36.7	5.0	5.0	55.0	68.7
PST-K20-1	5.0	5.0	45.7	65.0	82.0	65.3	49.3	36.7	4.3	4.7	30.3	38.3
A12-293	4.0	4.0	45.3	86.3	74.0	67.7	49.0	36.0	4.7	4.3	38.7	60.7
DLF-KB-3638	5.7	6.3	37.0	77.3	83.7	67.0	44.0	34.7	4.7	5.0	13.3	21.0
J-2797	4.0	4.3	38.0	77.7	86.3	64.0	39.7	35.7	4.3	5.0	41.3	64.3
PROSPERITY	5.3	5.0	46.3	79.0	81.3	60.3	48.7	38.0	4.3	4.3	32.0	45.7
STARR	4.3	4.7	52.3	76.0	65.7	51.3	54.0	39.3	4.3	4.0	26.7	40.0
DLF-KB-3639	3.3	4.3	55.0	86.0	66.0	62.3	41.3	31.0	4.0	4.3	24.7	51.0
JERSEY	4.7	4.7	46.0	64.3	69.3	70.7	42.0	42.0	4.3	4.3	26.3	42.3
SHAMROCK	4.7	4.3	57.0	91.0	67.0	55.7	42.0	33.3	4.3	4.3	31.0	52.3
DLF-KB-3636	5.0	5.3	53.7	79.0	63.7	58.3	41.7	29.3	4.3	4.7	25.3	43.3
ACOUSTIC	4.3	4.3	44.0	84.7	78.3	58.3	49.0	30.0	4.3	5.0	39.0	51.3
LIGHTNING	5.3	5.0	45.3	74.0	64.0	63.7	39.7	31.3	4.7	4.0	26.3	35.0
MIDNIGHT	3.0	5.3	42.7	85.0	54.0	51.0	44.3	28.7	4.7	5.3	41.0	51.0
A15-17	5.3	6.0	27.0	57.7	77.3	54.0	43.0	27.7	4.3	4.3	16.7	27.3
KENBLUE	4.0	4.3	54.3	93.7	33.0	42.7	47.0	36.3	4.3	4.3	37.7	51.3
PST-K19-208	5.0	4.7	36.3	75.3	57.7	45.3	36.7	33.7	4.3	4.3	24.7	36.0
PST-T15-44	4.3	4.7	44.3	82.0	47.3	45.0	40.0	29.3	4.0	4.3	34.7	48.7
DLF-KB-3637	7.0	5.0	34.3	77.7	62.3	51.3	32.0	27.0	4.0	4.0	9.3	22.7
J-1331	4.3	4.0	48.3	77.0	61.0	50.7	26.7	16.0	4.3	5.0	31.7	61.0
PST-K20-3	5.3	5.3	31.7	64.7	56.0	50.3	39.3	30.0	4.3	4.0	17.3	28.3
NAI-21-136	3.7	5.7	42.7	71.3	61.3	40.3	42.0	23.0	4.0	4.3	18.0	32.7
GO-Y301	4.3	4.3	45.7	74.3	56.3	44.0	38.0	26.0	4.0	4.3	23.3	44.3
PST-K19-201	5.7	5.7	44.3	69.0	75.3	32.3	24.7	18.7	4.7	4.7	21.7	31.7
GO-Y312	4.3	4.7	50.7	77.3	50.3	36.3	27.3	17.3	4.0	4.0	15.0	35.7
PST-K17-182	5.3	5.3	46.7	63.0	57.0	38.3	30.7	22.0	4.3	4.3	26.0	37.3

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT AMES, IA 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME	COLOR OCTOBER	COLOR NOVEMBER	APRIL	PERCENT MAY	GROUND COVER JULY	FROM APRIL-NOVEMBER AUGUST	OCTOBER	NOVEMBER	QUALITY OCT 2023	QUALITY NOV 2023	PERCENT ESTABLISHMENT OCTOBER NOVEMBER
NAI-19-58	4.7	6.0	36.3	82.3	59.0	33.0	29.3	18.7	4.0	4.3	20.0 23.3
A21-3	5.0	6.0	29.0	48.7	60.7	47.3	33.0	23.0	4.0	4.7	10.0 25.3
A21-6	6.3	7.0	28.0	59.7	47.3	41.0	23.7	17.7	4.3	5.0	17.0 21.3
PPG-KB2107	5.0	5.3	26.0	63.0	55.7	40.7	23.7	17.7	4.3	4.7	26.0 37.3
RIGHT	5.3	6.0	36.7	58.0	54.0	35.3	34.7	19.0	4.3	5.0	16.3 24.0
PPG-KB2108	5.3	5.0	23.7	64.0	41.0	30.0	35.7	20.3	4.7	4.3	23.3 36.7
PSM-231	6.7	7.3	27.7	49.7	55.3	21.0	29.3	18.3	5.0	4.3	10.3 13.3
A19-17	5.7	6.3	33.0	64.7	41.0	28.0	20.0	18.3	4.7	4.7	18.0 22.0
NAI-21-127	6.3	6.0	43.7	68.7	31.3	18.0	14.0	9.3	5.0	4.3	11.3 25.0
LSD VALUE	3.2	2.3	36.1	41.1	52.2	26.4	25.3	22.2	2.9	1.9	22.9 29.5
C.V. (%)	25.9	21.3	28.4	20.7	30.9	27.2	31.3	36.5	14.3	12.9	41.6 35.6

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

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

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT WOOSTER, OH 1/
2024 DATA

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

NAME	PERCENT GROUND COVER FALL	PERCENT ESTABLISHMENT	RUST SEPTEMBER	RUST OCTOBER	JUN	JUL	QUALITY RATINGS		OCT	MEAN
							AUG	SEP		
PST-K20-3	76.7	48.3	1.0	1.0	4.3	5.3	5.3	6.3	6.0	5.6
JERSEY	73.3	50.0	1.7	2.3	4.3	5.0	5.7	5.7	5.0	5.1
LIGHTNING	73.3	45.0	1.0	1.0	3.7	4.0	4.7	6.0	5.3	4.8
BARSERATI	56.7	63.3	1.0	2.3	4.7	5.3	5.3	4.7	4.0	4.7
RESOLUTION	66.7	40.0	1.0	1.7	3.7	4.3	5.0	5.3	5.0	4.7
ARIES	46.7	60.0	2.0	2.7	5.0	5.3	5.7	4.3	3.7	4.6
BARON	63.3	46.7	3.0	4.0	3.7	5.0	5.7	5.0	4.0	4.6
PST-K17-182	60.0	33.3	1.0	1.0	3.7	4.0	4.7	5.3	5.0	4.6
DLF-KB-3636	60.0	50.0	1.3	2.0	4.3	4.7	4.7	4.7	4.3	4.5
DLF-KB-3635	56.7	50.0	1.7	2.0	4.0	5.0	5.0	4.3	4.0	4.4
A12-266	50.0	61.7	3.0	2.7	4.7	4.7	5.0	4.0	3.7	4.3
ACOUSTIC	53.3	60.0	3.0	4.3	4.7	5.0	4.7	4.0	3.3	4.2
DLF-KB-3633	46.7	58.3	3.7	2.0	4.7	5.0	4.7	4.0	3.3	4.2
DLF-KB-3638	46.7	50.0	1.3	2.3	4.0	4.3	5.7	4.0	3.7	4.2
DLF-KB-3640	46.7	46.7	1.0	2.3	4.0	4.3	5.0	4.7	3.7	4.2
A15-14	53.3	36.7	1.0	2.0	3.7	3.7	4.3	4.7	4.0	4.1
A15-16	46.7	48.3	2.0	2.3	4.3	4.3	5.3	4.0	3.3	4.1
BOMBAY	50.0	36.7	1.3	2.3	3.7	3.7	4.3	4.7	4.0	4.1
PST-K20-1	56.7	43.3	1.0	1.3	3.7	3.7	4.0	5.0	4.0	4.1
J-2830	46.7	46.7	3.7	4.0	4.3	5.3	4.7	3.7	3.0	4.0
PSM-231	50.0	28.3	1.0	1.0	2.3	3.3	4.3	5.3	4.3	4.0
PVF-A17-842	43.3	56.7	1.3	1.3	4.3	4.0	4.0	4.3	3.7	4.0
SHAMROCK	46.7	48.3	4.0	2.3	4.3	4.7	5.3	3.7	3.0	4.0
J-1249	46.7	41.7	2.7	3.7	4.0	4.0	5.0	4.0	3.3	3.9
PST-K19-208	56.7	38.3	1.0	1.0	3.3	3.3	4.0	4.7	4.0	3.9
A12-293	43.3	40.0	1.7	1.7	3.7	3.7	4.0	4.0	3.7	3.8
A21-6	40.0	45.0	1.7	2.3	4.0	3.7	4.7	3.7	3.3	3.8
DLF-KB-3639	40.0	55.0	2.7	2.7	4.0	4.7	5.3	3.3	2.7	3.8

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SHADE STRESS AT WOOSTER, OH 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME	PERCENT COVER	GROUND FALL	PERCENT ESTABLISHMENT	RUST SEPTEMBER	RUST OCTOBER	JUN	JUL	QUALITY AUG	RATINGS SEP	OCT	MEAN
NAI-20-137	53.3		33.3	2.3	2.3	2.3	3.3	4.3	4.3	4.3	3.8
PST-K19-201	43.3		33.3	1.7	1.7	3.3	4.3	4.7	4.0	3.3	3.8
PST-K19-206	53.3		36.7	1.3	1.3	3.0	3.7	4.7	4.3	3.7	3.8
STARR	56.7		40.0	1.7	1.7	3.3	3.7	3.7	4.0	4.0	3.8
J-2797	40.0		46.7	2.7	1.7	4.3	4.7	4.7	4.0	2.3	3.7
LTP-A21-41	46.7		43.3	1.7	1.3	3.7	4.0	4.0	3.7	3.3	3.7
MIDNIGHT	46.7		46.7	4.0	3.0	4.3	4.0	4.3	3.7	3.0	3.7
PROSPERITY	46.7		41.7	1.3	3.0	3.7	4.0	4.3	4.3	3.0	3.7
PST-T15-44	46.7		43.3	2.0	2.7	3.7	4.0	4.0	4.3	3.0	3.7
A21-11	46.7		40.0	2.0	2.7	4.0	4.3	4.3	3.7	2.7	3.6
DLF-KB-3634	36.7		41.7	1.0	2.7	3.7	3.7	4.7	3.7	3.0	3.6
GO-Y301	43.3		43.3	1.0	2.3	3.7	3.0	3.7	4.0	3.7	3.6
J-1331	43.3		46.7	6.0	3.0	4.3	4.3	4.3	3.0	2.7	3.6
NAI-19-58	36.7		38.3	1.7	1.0	3.3	4.0	4.3	3.7	3.0	3.6
PPG-KB2108	50.0		40.0	1.7	2.0	3.3	3.0	4.0	4.3	3.3	3.6
A15-17	43.3		26.7	2.7	2.3	3.0	3.3	4.0	3.3	3.3	3.4
RAD 3240	40.0		36.7	2.7	1.0	3.3	3.7	4.3	3.7	2.7	3.4
PPG-KB2107	36.7		35.0	3.0	2.3	3.0	3.3	4.3	3.7	2.7	3.3
PST-K22-11	30.0		46.7	6.3	1.7	3.7	4.3	4.3	2.7	2.3	3.3
GO-Y312	36.7		28.3	1.3	1.3	3.0	3.0	3.3	3.3	3.3	3.2
SKYLINE	26.7		50.0	2.7	2.0	4.0	4.0	4.0	2.7	2.3	3.2
NAI-21-136	40.0		26.7	1.0	1.3	2.7	2.3	2.7	3.7	3.3	3.0
RIGHT	36.7		16.7	1.0	1.0	2.0	2.0	2.7	4.0	3.7	3.0
A19-17	33.3		35.0	3.0	2.7	3.3	3.0	3.7	2.7	2.3	2.9
KENBLUE	36.7		38.3	3.3	2.0	3.3	3.0	3.0	3.0	2.3	2.8
A21-3	36.7		30.0	1.7	3.0	2.7	2.0	3.0	3.0	2.7	2.7
NAI-21-127	23.3		25.0	1.0	1.0	2.7	2.0	2.7	2.3	2.3	2.4
DLF-KB-3637	20.0		11.7	1.0	1.0	2.0	1.3	2.0	2.0	2.0	1.9
LSD VALUE	25.1		25.4	1.9	1.6	1.6	1.7	1.9	1.6	1.2	1.2
C.V. (%)	27.7		29.9	54.2	41.2	21.6	24.2	22.0	21.8	21.0	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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT LOGAN, UT 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME	GENETIC COLOR	SEEDLING VIGOR	MAY	JUN	QUALITY RATINGS		SEP	OCT	MEAN
					JUL	AUG			
MIDNIGHT	7.3	3.3	4.7	6.7	6.0	8.0	8.3	8.0	6.9
RAD 3240	9.0	3.0	4.3	7.0	6.0	7.3	8.0	7.7	6.7
DLF-KB-3633	7.3	4.3	5.3	6.0	6.3	7.3	6.7	7.7	6.6
DLF-KB-3636	7.0	3.7	5.7	7.0	6.0	6.0	6.7	7.3	6.4
ACOUSTIC	5.7	3.3	4.3	5.7	5.3	7.7	7.3	7.7	6.3
DLF-KB-3634	5.3	4.0	6.3	7.7	6.3	5.7	5.3	6.0	6.2
PST-K22-11	5.3	3.0	5.3	8.0	7.3	5.3	5.7	5.3	6.2
A21-11	6.7	3.0	3.3	5.3	6.7	7.3	6.3	7.3	6.1
DLF-KB-3635	6.3	5.3	6.0	6.7	5.3	5.7	5.3	6.7	5.9
J-1249	8.3	2.0	3.3	4.3	5.3	7.0	7.7	8.0	5.9
J-1331	6.0	2.7	4.0	5.0	6.0	7.3	6.7	6.7	5.9
PPG-KB2108	6.7	2.0	3.3	6.0	6.7	6.7	6.7	6.3	5.9
PST-T15-44	4.7	2.7	6.3	8.0	6.0	5.0	5.3	4.7	5.9
BOMBAY	6.0	2.0	4.0	7.0	5.7	5.3	6.0	6.7	5.8
DLF-KB-3639	6.0	3.7	5.0	6.7	6.3	6.3	5.0	5.7	5.8
PST-K19-208	6.3	3.0	4.0	5.7	5.3	6.3	7.3	6.0	5.8
RIGHT	6.3	2.0	3.7	6.0	5.7	6.7	6.7	6.3	5.8
A12-266	5.7	3.3	4.3	6.0	6.3	6.3	5.7	5.3	5.7
A15-14	7.0	2.7	4.0	5.0	6.3	6.3	6.0	6.7	5.7
J-2830	7.3	3.0	4.0	4.7	4.7	6.3	7.7	7.0	5.7
JERSEY	6.3	2.7	4.3	5.3	5.3	6.3	6.0	6.7	5.7
PST-K19-201	5.3	2.0	3.7	5.7	6.0	6.0	7.0	6.0	5.7
PST-K19-206	5.0	3.7	4.7	6.3	6.3	5.7	6.0	5.0	5.7
PVF-A17-842	4.0	3.0	5.0	8.3	6.3	4.7	5.0	4.7	5.7
SKYLINE	4.7	2.0	4.0	7.0	7.0	5.3	5.0	5.7	5.7
ARIES	5.0	3.3	4.3	5.7	6.0	5.7	5.7	6.3	5.6
DLF-KB-3640	4.3	2.3	5.0	8.7	6.3	4.3	4.7	4.3	5.6
J-2797	6.7	2.3	3.3	4.7	5.3	7.0	6.7	6.7	5.6

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER LOW INPUT AT LOGAN, UT 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME	GENETIC COLOR	SEEDLING VIGOR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NAI-20-137	6.3	3.3	4.7	5.0	5.3	5.7	6.3	6.7	5.6
PST-K17-182	7.0	4.3	5.0	6.7	5.0	5.3	5.3	6.3	5.6
STARR	6.3	2.3	4.0	5.7	6.0	6.0	6.0	5.7	5.6
PROSPERITY	7.7	2.7	3.7	3.7	4.7	7.3	6.7	7.0	5.5
PST-K20-1	7.0	2.3	3.3	4.3	5.0	7.0	6.7	6.7	5.5
RESOLUTION	6.0	2.0	3.0	5.3	5.3	6.0	6.3	7.0	5.5
A12-293	5.3	3.3	5.0	7.0	5.0	5.3	4.3	6.0	5.4
A15-16	6.3	3.3	3.3	4.3	4.7	6.3	7.0	6.7	5.4
BARSERATI	4.3	4.7	4.7	6.3	6.7	4.7	4.7	5.3	5.4
LIGHTNING	5.3	3.0	4.7	7.0	6.0	4.7	4.7	5.7	5.4
NAI-21-136	7.0	1.0	3.3	4.7	6.0	6.7	5.7	6.0	5.4
A21-6	5.7	2.3	3.3	6.7	5.7	5.3	4.7	6.0	5.3
BARON	4.3	3.0	3.7	5.0	6.7	6.0	5.7	4.7	5.3
NAI-19-58	5.0	1.7	3.0	5.7	6.0	6.0	5.7	5.3	5.3
A19-17	6.0	2.0	4.0	5.3	5.7	5.3	5.0	6.0	5.2
KENBLUE	3.7	2.7	5.3	7.7	6.0	3.7	3.3	4.3	5.1
LTP-A21-41	5.0	2.7	3.3	5.7	5.7	5.0	4.7	6.0	5.1
DLF-KB-3638	6.0	1.3	3.3	4.7	5.3	5.7	5.3	5.7	5.0
A21-3	5.0	1.3	2.7	4.3	5.3	5.3	5.3	6.3	4.9
DLF-KB-3637	6.7	1.3	2.7	4.0	5.0	5.3	6.0	6.3	4.9
PSM-231	6.7	1.0	2.3	3.3	5.0	7.0	6.7	5.3	4.9
GO-Y301	4.7	2.3	4.0	6.7	4.7	4.3	4.3	5.0	4.8
SHAMROCK	5.0	2.7	4.0	5.0	5.3	4.3	5.0	5.3	4.8
A15-17	6.7	1.0	2.3	3.0	4.3	6.0	5.3	6.7	4.6
PST-K20-3	9.0	1.3	2.3	3.0	3.3	5.3	6.7	7.0	4.6
PPG-KB2107	6.7	3.0	3.3	3.0	4.3	4.7	5.3	5.7	4.4
GO-Y312	3.7	2.3	3.7	5.0	5.0	3.7	3.3	4.7	4.2
NAI-21-127	6.0	1.0	3.0	3.3	4.7	4.3	5.0	5.0	4.2
LSD VALUE	1.2	1.2	1.6	2.0	1.7	1.8	1.6	1.3	0.9
C.V. (%)	12.8	27.8	23.3	21.0	15.3	17.1	16.7	12.5	9.2

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

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

TABLE 16. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/									
NAME	IN1	KS1	MD1	MI1	NC1	NE1	OR1	UT1	MEAN
RAD 3240	8.0	9.0	8.0	8.0	7.3	7.3	7.3	9.0	8.0
PST-K20-3	8.0	9.0	8.0	8.0	7.7	7.0	6.7	9.0	7.9
PROSPERITY	8.0	8.7	7.7	7.7	6.3	8.0	6.7	8.7	7.7
RIGHT	7.0	8.7	8.0	7.7	7.3	8.0	6.0	8.0	7.6
PST-K19-208	7.3	8.7	8.0	7.7	7.3	8.0	6.0	7.3	7.5
PST-K19-201	7.3	7.7	7.7	7.3	7.0	7.3	6.7	8.0	7.4
PPG-KB2108	7.7	8.3	8.0	7.3	7.0	8.0	5.0	7.7	7.4
NAI-19-58	7.0	7.3	8.0	7.7	7.7	6.7	6.3	7.7	7.3
J-1249	7.3	8.0	7.3	7.7	7.3	8.0	4.7	7.7	7.3
J-2830	7.7	9.0	7.0	7.3	7.0	7.3	4.7	7.3	7.2
ACOUSTIC	6.7	8.0	7.3	7.0	7.7	7.7	5.7	7.3	7.2
J-2797	7.0	8.0	7.0	7.3	7.3	7.0	5.7	8.0	7.2
PST-K17-182	7.3	7.3	7.3	7.3	6.7	7.0	5.7	8.3	7.1
NAI-21-136	7.3	7.3	7.7	7.3	7.0	6.7	6.0	7.3	7.1
NAI-21-127	7.7	7.7	7.7	6.7	6.7	8.0	6.3	5.3	7.0
J-1331	7.0	7.7	7.0	7.0	7.3	7.7	5.0	7.3	7.0
STARR	6.7	7.7	7.3	6.3	6.3	7.0	6.7	8.0	7.0
MIDNIGHT	7.0	8.0	7.3	7.3	6.7	7.7	5.0	7.0	7.0
PSM-231	6.7	7.3	7.7	6.7	6.3	7.0	6.7	7.0	6.9
PPG-KB2107	7.3	7.7	7.3	7.0	7.0	7.0	4.7	7.3	6.9
DLF-KB-3633	6.7	7.0	7.0	6.7	6.7	7.0	6.7	7.3	6.9
PST-K19-206	6.7	7.3	8.0	7.0	6.7	7.0	5.7	6.3	6.8
DLF-KB-3636	6.3	7.3	7.0	7.3	6.7	7.3	5.7	6.7	6.8
A21-11	7.0	7.7	7.0	6.7	6.3	7.0	5.0	7.3	6.8
A15-14	6.7	7.7	7.0	6.3	6.0	6.7	6.3	7.0	6.7
PST-T15-44	5.7	6.7	7.0	7.0	7.3	6.3	6.7	6.7	6.7
A15-16	6.3	7.3	7.3	7.0	6.3	6.3	6.0	6.3	6.6
BOMBAY	6.7	7.3	7.0	6.3	6.3	7.0	5.7	6.7	6.6
A19-17	6.3	7.0	7.0	6.7	6.0	7.3	5.3	7.0	6.6
DLF-KB-3639	6.0	7.0	7.3	6.7	6.7	7.0	5.7	6.3	6.6
DLF-KB-3637	6.7	6.7	7.7	6.3	6.0	6.7	5.7	7.0	6.6
A21-3	5.7	7.0	7.0	6.7	6.0	7.0	6.3	6.3	6.5
BARON	6.3	7.0	7.0	6.7	6.7	6.7	6.0	5.3	6.5
JERSEY	6.0	7.0	7.0	6.0	6.7	6.7	5.7	6.7	6.5
A15-17	7.0	7.0	7.3	6.0	6.3	6.0	5.0	6.3	6.4
DLF-KB-3634	5.7	6.3	7.0	6.3	6.0	7.0	5.7	7.0	6.4
DLF-KB-3638	5.3	6.7	7.7	6.0	6.0	6.7	6.0	6.3	6.3
A12-266	5.7	7.0	7.7	6.3	6.0	6.7	5.7	5.7	6.3
GO-Y301	6.7	7.0	7.3	6.0	6.3	6.7	5.0	5.3	6.3
NAI-20-137	6.0	6.7	7.3	6.3	6.3	6.3	5.3	6.0	6.3
SHAMROCK	6.0	6.0	7.7	6.3	6.0	6.7	5.3	6.3	6.3

TABLE 16. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2024 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/									
NAME	IN1	KS1	MD1	MI1	NC1	NE1	OR1	UT1	MEAN
A21-6	6.0	6.7	7.0	6.3	6.7	7.0	4.7	6.0	6.3
PST-K20-1	6.7	7.7	6.3	6.0	5.7	6.7	4.7	6.7	6.3
RESOLUTION	6.7	6.0	7.0	6.0	6.7	5.7	5.3	6.3	6.2
ARIES	6.0	6.3	7.0	6.3	6.0	6.7	4.3	6.3	6.1
GO-Y312	5.7	7.0	7.0	6.0	6.7	6.3	4.7	4.7	6.0
LIGHTNING	5.7	6.3	7.3	6.0	6.0	6.0	4.0	6.3	6.0
A12-293	6.3	5.3	7.0	6.0	6.3	6.0	5.3	5.0	5.9
PST-K22-11	5.7	6.3	7.0	6.0	5.7	5.0	5.0	6.3	5.9
DLF-KB-3635	4.3	6.3	6.0	6.0	6.0	7.0	5.3	6.0	5.9
BARSERATI	5.7	5.3	7.0	6.0	6.0	6.0	4.0	6.3	5.8
PVF-A17-842	5.0	5.3	7.0	6.0	6.0	6.0	5.7	5.3	5.8
SKYLINE	4.7	6.0	7.0	6.3	5.3	5.7	5.7	5.7	5.8
LTP-A21-41	5.7	6.3	7.0	5.7	5.7	6.0	4.0	5.3	5.7
KENBLUE	4.7	6.0	7.0	5.0	5.7	6.0	5.7	4.7	5.6
DLF-KB-3640	4.7	5.0	7.0	6.0	5.7	5.3	4.0	5.3	5.4
LSD VALUE	1.0	0.8	0.6	0.8	0.9	0.8	2.4	1.0	0.4
C.V. (%)	9.3	6.6	5.0	7.2	8.1	7.3	27.0	9.6	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 17. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1	KS1	MD1	NE1	NJ1	MEAN
PST-T15-44	6.0	6.0	8.3	6.0	8.7	6.9
KENBLUE	4.7	6.7	8.0	6.0	8.7	6.8
DLF-KB-3634	6.7	5.3	8.3	6.7	7.0	6.7
ARIES	4.7	6.0	7.7	6.3	7.3	6.5
DLF-KB-3635	5.0	5.3	7.0	6.7	8.7	6.4
DLF-KB-3637	5.0	6.3	8.0	6.7	6.0	6.4
PST-K19-206	5.3	5.3	8.7	6.3	6.7	6.4
DLF-KB-3636	5.3	7.0	7.7	7.0	5.7	6.4
DLF-KB-3640	4.3	5.3	8.3	5.7	8.3	6.4
NAI-21-136	4.3	7.0	8.3	6.0	6.3	6.4
PST-K17-182	4.7	6.3	8.3	7.0	6.0	6.4
A21-6	5.3	6.7	7.7	6.3	6.3	6.3
NAI-20-137	5.7	6.7	8.0	5.3	6.0	6.3
PST-K22-11	4.7	5.7	7.0	6.0	8.0	6.3
RESOLUTION	5.3	6.7	8.0	5.7	5.3	6.3
A12-293	5.3	6.3	8.0	5.3	7.0	6.3
DLF-KB-3638	4.7	6.0	8.7	6.0	5.7	6.3
PVF-A17-842	3.7	5.3	7.3	6.0	8.7	6.3
SHAMROCK	4.3	6.3	7.3	6.0	7.0	6.2
JERSEY	5.0	6.0	7.3	5.7	6.0	6.1
RAD 3240	5.3	7.3	8.0	6.3	3.3	6.1
RIGHT	5.0	6.0	8.3	6.0	4.7	6.1
SKYLINE	4.3	5.3	7.7	5.0	7.3	6.0
BOMBAY	5.0	6.0	7.3	6.7	5.3	5.9
BARSERATI	3.7	6.3	6.0	6.0	7.3	5.9
NAI-19-58	3.3	6.0	8.3	5.3	6.3	5.9
STARR	4.7	5.7	7.7	6.7	5.0	5.9
A21-3	5.0	6.0	7.7	5.3	4.7	5.8
LIGHTNING	3.3	5.0	7.3	5.3	8.0	5.8
LTP-A21-41	4.0	5.7	7.7	6.0	6.0	5.8
PST-K20-3	3.7	7.0	8.3	5.3	3.7	5.8
A15-17	4.7	6.0	8.3	6.0	3.0	5.8
A19-17	3.7	5.3	8.0	6.7	5.3	5.8
DLF-KB-3633	5.0	5.7	7.3	6.0	5.0	5.8
PPG-KB2108	3.7	6.3	7.0	6.7	5.0	5.8
DLF-KB-3639	5.3	5.7	7.7	6.3	4.7	5.8
A21-11	4.7	5.7	7.0	5.7	5.0	5.7
GO-Y301	3.7	5.7	6.7	5.7	6.3	5.7
PROSPERITY	5.0	5.3	8.3	6.3	2.0	5.6
PST-K19-208	4.7	5.7	7.3	6.0	3.3	5.6
A15-16	4.7	6.0	7.7	5.0	3.7	5.6

TABLE 17. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2024 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/						
NAME	IN1	KS1	MD1	NE1	NJ1	MEAN
PST-K20-1	3.7	5.7	8.3	5.3	4.3	5.6
PST-K19-201	3.3	4.7	8.7	5.7	4.0	5.5
GO-Y312	4.7	4.7	7.0	6.3	4.0	5.4
A12-266	4.3	5.0	7.7	5.0	4.3	5.4
A15-14	4.0	5.0	7.0	6.7	3.3	5.4
BARON	3.7	5.0	8.0	6.0	4.0	5.4
J-2797	3.7	4.7	7.3	6.0	4.3	5.4
PSM-231	3.0	4.7	7.3	5.7	4.7	5.2
NAI-21-127	3.3	5.0	7.3	4.7	4.0	5.1
J-1331	2.7	4.3	6.3	6.3	3.7	4.9
J-2830	4.0	4.3	7.7	5.7	1.3	4.8
ACOUSTIC	2.7	4.7	6.7	6.0	2.0	4.6
J-1249	3.3	4.3	6.7	5.0	2.0	4.6
PPG-KB2107	2.3	3.7	7.0	6.0	2.3	4.4
MIDNIGHT	3.0	4.7	5.7	5.0	1.3	4.3
LSD VALUE	1.7	1.0	1.6	1.0	1.3	0.5
C.V. (%)	23.6	11.5	12.7	10.0	16.0	14.0

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

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

TABLE 18. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									
NAME	IN1	KS1	MD1	MN1	NC1	NE1	OH1	UT1	MEAN
PST-K22-11	8.0	8.0	9.0	7.7	8.0	5.3	9.0	8.3	7.9
KENBLUE	7.7	8.0	8.7	8.0	8.0	5.0	9.0	8.3	7.8
SKYLINE	7.3	8.0	7.7	8.3	7.0	5.3	8.3	8.3	7.5
PST-K19-208	7.7	7.3	7.7	7.7	6.7	5.7	8.0	8.0	7.3
PROSPERITY	7.0	7.0	7.3	6.7	7.7	6.0	8.3	8.0	7.3
PST-K19-201	6.7	8.0	7.7	6.3	7.3	5.7	8.0	7.7	7.2
RIGHT	7.0	7.0	7.7	6.7	7.7	5.7	7.7	7.7	7.1
DLF-KB-3635	8.0	6.7	7.0	6.7	7.7	6.7	6.0	8.0	7.1
DLF-KB-3639	7.0	7.7	8.0	6.0	7.7	5.3	7.3	7.3	7.0
PST-K19-206	7.0	7.7	7.7	7.0	7.0	4.7	7.7	7.7	7.0
PST-K20-1	6.3	7.0	8.0	7.0	7.3	6.0	7.7	7.0	7.0
BARSERATI	7.3	6.3	7.3	6.0	7.0	6.7	7.3	7.3	6.9
J-1249	6.7	7.0	7.0	7.0	7.3	6.0	7.0	7.3	6.9
J-2830	6.3	7.0	7.0	6.7	7.3	6.0	7.3	7.7	6.9
DLF-KB-3637	7.0	7.0	7.7	6.0	7.0	5.3	7.3	7.7	6.9
NAI-19-58	7.0	7.0	7.7	6.7	7.0	5.7	6.7	7.0	6.8
STARR	7.0	7.3	7.3	6.3	6.7	5.3	7.0	7.7	6.8
PST-K20-3	6.7	7.0	7.7	5.3	7.7	5.3	7.7	7.0	6.8
RAD 3240	7.0	7.3	7.0	6.7	7.0	5.7	6.7	7.0	6.8
A21-3	6.3	6.7	7.0	5.7	7.7	6.3	7.3	7.0	6.8
LTP-A21-41	6.7	6.7	7.3	5.7	6.3	5.7	7.0	7.7	6.6
PPG-KB2108	6.3	7.0	7.3	5.3	7.0	5.7	7.0	7.3	6.6
DLF-KB-3633	7.0	7.0	7.0	5.0	7.0	5.7	7.0	7.0	6.6
PVF-A17-842	7.3	6.0	7.0	5.7	6.7	6.0	6.7	7.3	6.6
ACOUSTIC	6.0	7.0	7.0	6.7	6.7	5.3	6.7	7.0	6.5
DLF-KB-3636	6.3	7.0	7.0	6.3	6.3	6.3	6.3	6.7	6.5
PST-T15-44	7.0	7.0	7.0	5.3	6.7	5.3	7.0	7.0	6.5
ARIES	6.7	6.3	7.3	5.3	7.0	5.7	6.7	7.0	6.5
DLF-KB-3640	6.7	6.0	7.0	5.0	7.3	6.7	6.7	6.7	6.5
A19-17	6.7	6.3	6.7	5.3	7.0	6.0	6.3	7.0	6.4
A21-11	7.0	7.0	7.0	5.3	6.7	4.3	6.3	7.7	6.4
NAI-20-137	6.7	6.7	7.0	5.0	7.0	6.0	6.0	7.0	6.4
PPG-KB2107	5.0	6.3	7.0	5.0	7.0	6.3	7.7	7.0	6.4
MIDNIGHT	6.7	7.0	7.0	6.0	6.7	5.3	5.3	7.0	6.4
A15-17	6.3	6.7	7.0	4.3	7.0	5.7	6.7	7.3	6.4
PST-K17-182	6.7	6.3	7.0	6.0	6.7	5.7	6.3	6.3	6.4
DLF-KB-3634	7.0	6.0	7.0	5.3	6.7	5.3	7.0	6.3	6.3
DLF-KB-3638	6.3	6.0	7.0	4.7	7.0	6.3	6.3	7.0	6.3
A15-14	6.0	6.7	7.0	6.7	6.3	5.0	5.3	7.3	6.3
J-1331	6.0	6.0	7.0	6.0	6.7	5.7	6.3	6.7	6.3
BOMBAY	7.0	6.7	7.0	6.7	5.7	5.0	5.7	6.7	6.3

TABLE 18. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2024 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									
NAME	IN1	KS1	MD1	MN1	NC1	NE1	OH1	UT1	MEAN
A12-293	6.3	6.3	7.0	4.7	7.3	6.0	5.3	7.0	6.3
JERSEY	7.0	6.0	7.0	5.7	6.3	6.0	5.0	7.0	6.3
NAI-21-127	6.3	6.7	6.7	4.0	7.3	6.0	6.3	6.7	6.3
BARON	6.3	6.0	7.3	5.7	6.3	6.0	5.7	6.7	6.3
A12-266	7.0	6.0	7.3	4.3	6.7	6.0	5.3	7.0	6.2
RESOLUTION	6.7	6.7	7.0	5.7	6.3	5.7	5.0	6.3	6.2
A15-16	6.3	6.0	7.0	6.3	6.0	5.7	5.7	6.3	6.2
SHAMROCK	6.3	6.0	7.0	4.0	7.0	6.0	5.7	7.0	6.1
NAI-21-136	6.0	6.3	7.0	4.7	6.3	6.0	6.0	6.3	6.1
GO-Y312	5.0	7.0	7.0	5.3	6.7	5.0	6.3	6.0	6.0
LIGHTNING	6.3	6.0	7.3	3.7	6.3	5.3	6.3	6.7	6.0
A21-6	6.0	6.0	6.7	4.0	6.3	6.0	6.3	6.3	6.0
J-2797	5.7	6.3	7.0	5.0	6.3	6.0	5.0	6.0	5.9
PSM-231	5.0	6.3	6.7	3.3	6.7	6.3	6.3	6.3	5.9
GO-Y301	5.0	6.3	6.3	3.7	6.7	5.3	5.7	5.3	5.5
LSD VALUE	0.9	0.6	0.6	1.6	0.9	1.2	1.2	0.8	0.4
C.V. (%)	8.3	5.6	5.1	16.9	8.1	13.4	11.0	6.8	9.6

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

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

TABLE 19. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/										
NAME	IN1	MD1	NC1	NE1	NJ1	NJ2	OR1	UT1	WI1	MEAN
DLF-KB-3635	7.3	6.7	7.3	6.7	8.7	7.0	5.3	6.0	8.0	7.0
BARGERATI	6.3	6.7	6.3	7.0	8.7	7.3	4.7	5.7	7.3	6.7
DLF-KB-3633	5.7	6.7	7.3	5.7	7.3	5.7	3.7	6.0	7.3	6.1
DLF-KB-3636	6.3	6.0	6.3	6.3	7.0	4.7	3.7	5.3	7.3	5.9
ACOUSTIC	4.7	6.0	6.3	7.3	6.3	6.7	4.0	5.0	6.7	5.9
PST-K22-11	4.7	6.3	6.7	6.3	7.0	6.3	4.0	5.0	6.3	5.9
DLF-KB-3639	6.3	6.0	7.0	6.0	5.3	5.7	3.7	5.3	7.0	5.8
A12-266	6.0	5.3	5.7	6.7	6.3	6.0	4.0	5.0	6.3	5.7
MIDNIGHT	7.3	5.3	6.3	6.7	5.7	5.7	3.3	4.3	6.7	5.7
PST-K17-182	6.0	5.7	6.0	6.3	6.0	5.7	3.7	5.3	6.3	5.7
PST-T15-44	5.7	5.7	6.3	6.3	7.3	5.3	3.0	5.0	6.0	5.6
PVF-A17-842	3.7	4.7	6.0	6.7	7.3	7.0	3.3	4.7	7.0	5.6
DLF-KB-3634	5.7	5.7	6.7	7.0	5.7	3.7	4.0	5.0	6.3	5.5
A21-11	4.3	5.7	6.0	6.7	6.3	5.0	4.0	4.3	6.7	5.4
LIGHTNING	5.0	4.7	6.7	6.3	7.0	4.3	4.3	4.7	5.7	5.4
A12-293	3.7	5.0	6.0	6.3	6.3	4.7	4.0	5.0	7.3	5.4
ARIES	4.7	3.7	6.0	6.7	6.0	6.0	3.7	5.7	5.7	5.3
A15-14	4.7	5.0	5.7	6.3	7.0	3.7	3.3	5.0	7.0	5.3
NAI-20-137	4.7	4.7	6.7	6.0	5.7	5.0	3.7	4.7	6.3	5.3
PST-K19-208	4.0	6.0	6.7	6.3	5.0	4.3	3.3	4.7	6.3	5.2
J-1331	6.3	4.7	6.0	7.0	5.0	3.7	3.7	4.7	5.3	5.1
A15-16	4.3	5.0	6.0	6.0	6.3	4.3	3.0	4.7	6.3	5.1
J-2797	5.0	4.3	6.3	7.3	3.7	4.7	3.7	4.3	6.7	5.1
PROSPERITY	5.3	4.3	6.3	6.0	5.0	5.0	3.3	4.7	6.0	5.1
SHAMROCK	3.7	4.7	5.7	6.7	5.7	4.0	4.0	4.7	6.7	5.1
J-2830	5.0	4.3	6.0	6.3	5.0	5.7	2.7	4.7	6.0	5.1
BARON	5.3	3.7	5.3	6.7	3.7	6.0	3.7	5.0	6.0	5.0
JERSEY	4.3	4.7	6.3	6.3	4.7	4.0	3.3	5.3	6.3	5.0
PST-K19-206	3.3	4.7	6.0	6.3	5.3	4.7	2.7	5.0	7.0	5.0
PST-K20-1	3.7	4.7	6.3	6.7	5.0	4.3	3.3	5.0	6.0	5.0
DLF-KB-3640	3.0	4.7	6.0	6.0	6.7	3.3	3.7	4.3	7.0	5.0
PST-K19-201	3.7	4.0	5.3	6.7	6.0	4.7	3.7	4.7	6.0	5.0
GO-Y301	4.3	4.0	5.3	6.0	5.7	5.0	3.3	4.3	6.0	4.9
LTP-A21-41	4.0	4.0	6.0	6.3	4.7	4.3	4.0	4.3	6.3	4.9
J-1249	5.3	4.0	6.0	6.3	4.0	4.3	3.3	4.7	5.7	4.9
PPG-KB2107	4.3	4.0	5.3	7.0	4.3	4.7	3.3	4.0	4.3	4.6
RESOLUTION	3.0	3.7	5.7	5.7	4.7	4.7	4.0	4.3	5.3	4.6
STARR	4.3	2.0	5.7	7.0	5.0	4.0	2.0	5.7	5.0	4.5
A19-17	4.0	3.3	6.0	7.3	5.3	2.0	3.3	4.0	4.7	4.4
PPG-KB2108	4.3	3.0	6.3	6.3	3.3	3.0	3.0	4.0	6.3	4.4
RAD 3240	5.0	4.7	6.3	6.0	3.3	2.7	2.7	4.7	3.7	4.3

TABLE 19. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2024 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/										
NAME	IN1	MD1	NC1	NE1	NJ1	NJ2	OR1	UT1	WI1	MEAN
KENBLUE	5.7	3.0	5.0	5.3	6.7	1.3	3.3	4.3	4.0	4.3
RIGHT	4.3	3.7	5.3	6.3	3.3	3.0	3.3	4.7	4.3	4.3
BOMBAY	2.7	3.0	5.7	6.3	4.7	3.0	3.0	4.3	5.3	4.2
NAI-19-58	3.7	2.3	6.0	6.0	5.0	2.3	3.0	4.3	4.3	4.1
A21-6	3.3	3.0	5.7	6.7	3.7	2.3	4.0	3.7	4.3	4.1
DLF-KB-3638	3.7	3.0	6.0	6.3	3.7	2.0	3.7	3.3	4.0	4.0
SKYLINE	2.3	1.3	5.0	5.3	4.7	3.7	3.7	4.0	5.0	3.9
A21-3	3.0	2.3	6.0	6.7	4.0	2.3	3.0	2.7	4.3	3.8
PSM-231	3.3	1.3	4.7	7.0	2.7	2.0	2.7	3.3	5.0	3.6
NAI-21-136	3.3	3.0	6.0	6.0	2.7	1.3	3.0	2.7	3.7	3.5
GO-Y312	2.7	3.0	4.0	6.0	3.0	2.0	2.7	3.7	3.7	3.4
PST-K20-3	2.0	3.0	5.3	5.7	2.0	3.0	2.7	3.3	3.7	3.4
NAI-21-127	2.3	2.3	5.0	5.7	3.3	2.0	2.7	3.0	4.0	3.4
A15-17	1.7	2.7	5.0	6.0	1.7	1.7	3.0	3.3	3.3	3.1
DLF-KB-3637	1.3	1.0	3.7	6.0	1.7	1.0	3.3	2.0	3.0	2.6
LSD VALUE	1.5	1.0	1.0	0.9	1.7	1.4	1.4	1.3	1.4	0.4
C.V. (%)	22.0	14.7	10.9	9.1	21.1	20.5	25.5	18.5	15.2	17.0

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 20. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1		
DLF-KB-3635	6.3	DLF-KB-3638	4.0
PST-T15-44	6.3	GO-Y312	4.0
DLF-KB-3634	6.0	MIDNIGHT	4.0
DLF-KB-3639	5.7	PPG-KB2108	4.0
NAI-20-137	5.7	PST-K19-208	4.0
A12-293	5.3	A15-14	3.7
KENBLUE	5.3	A21-11	3.7
RIGHT	5.3	BARON	3.7
BARSERATI	5.0	DLF-KB-3637	3.7
DLF-KB-3636	5.0	J-2830	3.7
PST-K17-182	5.0	JERSEY	3.7
PST-K19-206	5.0	LTP-A21-41	3.7
PVF-A17-842	5.0	NAI-21-136	3.7
ARIES	4.7	PST-K20-1	3.7
BOMBAY	4.7	RAD 3240	3.7
DLF-KB-3633	4.7	RESOLUTION	3.7
DLF-KB-3640	4.7	SHAMROCK	3.7
LIGHTNING	4.7	J-1249	3.3
PST-K22-11	4.7	J-1331	3.3
A12-266	4.3	J-2797	3.3
A21-3	4.3	PPG-KB2107	3.3
A21-6	4.3	NAI-21-127	3.0
GO-Y301	4.3	ACOUSTIC	2.7
NAI-19-58	4.3	PSM-231	2.7
PROSPERITY	4.3	PST-K20-3	2.7
PST-K19-201	4.3	A15-17	2.3
SKYLINE	4.3		
STARR	4.3		
A15-16	4.0	LSD VALUE	1.7
A19-17	4.0	C.V. (%)	25.1

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 21.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1	UT1	MEAN	NAME	IN1	UT1	MEAN
DLF-KB-3635	7.0	7.7	7.3	PST-T15-44	5.0	6.3	5.7
STARR	6.0	7.3	6.7	A12-266	5.7	5.3	5.5
BARSERATI	5.7	7.0	6.3	A15-16	4.3	6.7	5.5
NAI-19-58	5.0	7.7	6.3	A15-17	4.7	6.3	5.5
RAD 3240	5.7	7.0	6.3	A21-6	5.0	6.0	5.5
NAI-20-137	5.3	7.3	6.3	DLF-KB-3637	5.0	6.0	5.5
PROSPERITY	4.0	8.7	6.3	PST-K20-3	3.3	7.7	5.5
RIGHT	5.3	7.3	6.3	A15-14	4.7	6.0	5.3
DLF-KB-3633	5.7	6.7	6.2	DLF-KB-3640	5.7	5.0	5.3
BOMBAY	6.0	6.3	6.2	PVF-A17-842	6.0	4.7	5.3
DLF-KB-3634	6.0	6.3	6.2	BARON	4.3	6.3	5.3
PST-K19-201	5.3	7.0	6.2	J-1249	3.7	7.0	5.3
PST-K19-206	6.3	6.0	6.2	J-2830	2.7	8.0	5.3
PST-K22-11	5.0	7.3	6.2	PPG-KB2107	3.3	7.3	5.3
A21-11	4.3	7.7	6.0	PSM-231	3.3	7.3	5.3
ARIES	5.0	7.0	6.0	SHAMROCK	4.3	6.3	5.3
J-2797	4.7	7.3	6.0	DLF-KB-3636	4.7	5.7	5.2
JERSEY	4.7	7.3	6.0	KENBLUE	6.7	3.7	5.2
MIDNIGHT	4.0	8.0	6.0	PPG-KB2108	3.7	6.7	5.2
PST-K17-182	5.0	7.0	6.0	NAI-21-136	4.3	6.0	5.2
PST-K19-208	4.3	7.7	6.0	ACOUSTIC	2.7	7.3	5.0
A21-3	5.0	6.7	5.8	GO-Y312	4.3	5.7	5.0
J-1331	4.7	7.0	5.8	SKYLINE	5.3	4.7	5.0
LIGHTNING	5.0	6.7	5.8	GO-Y301	3.3	5.3	4.3
RESOLUTION	4.7	7.0	5.8	LTP-A21-41	3.3	5.3	4.3
DLF-KB-3638	5.3	6.3	5.8	NAI-21-127	3.3	5.3	4.3
DLF-KB-3639	5.3	6.3	5.8				
A12-293	5.3	6.0	5.7				
A19-17	5.0	6.3	5.7	LSD VALUE	1.8	1.4	1.2
PST-K20-1	4.0	7.3	5.7	C.V. (%)	23.4	13.6	17.8

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.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1	KS1	MD1	NE1	NJ2	MEAN
DLF-KB-3635	8.0	8.7	7.3	7.3	8.7	8.0
PST-K22-11	7.7	8.3	8.0	7.3	7.0	7.7
NAI-20-137	7.0	9.0	7.0	7.0	7.0	7.4
PST-K17-182	6.7	9.0	7.0	7.0	7.0	7.3
A15-16	7.3	9.0	7.0	6.7	6.3	7.3
JERSEY	7.0	9.0	7.3	6.7	6.3	7.3
LIGHTNING	6.3	9.0	7.3	6.3	7.0	7.2
BARSERATI	7.0	8.3	7.7	7.0	5.7	7.1
PST-K19-208	6.7	8.7	7.7	6.0	6.3	7.1
PST-K20-1	5.7	9.0	7.7	6.0	7.0	7.1
RIGHT	6.7	8.7	7.7	6.7	5.7	7.1
STARR	7.0	9.0	7.3	6.3	5.7	7.1
DLF-KB-3633	8.0	8.7	6.7	7.0	4.7	7.0
DLF-KB-3637	7.0	9.0	7.0	6.7	5.3	7.0
NAI-19-58	6.3	8.7	7.0	6.3	6.7	7.0
DLF-KB-3636	6.7	8.7	6.7	6.7	6.0	6.9
LTP-A21-41	6.0	7.7	6.7	7.3	6.7	6.9
RAD 3240	6.3	9.0	7.0	6.3	5.7	6.9
DLF-KB-3634	6.3	8.3	6.7	6.7	6.0	6.8
PST-K19-206	6.3	8.7	7.3	6.3	5.3	6.8
PVF-A17-842	6.7	8.3	7.3	7.0	4.7	6.8
A21-3	6.7	9.0	7.0	6.7	4.3	6.7
DLF-KB-3639	6.7	9.0	7.0	6.0	5.0	6.7
SKYLINE	6.0	8.3	7.3	5.7	6.3	6.7
DLF-KB-3640	7.0	8.7	6.7	6.0	5.3	6.7
J-1331	5.7	8.7	7.0	7.3	5.0	6.7
A12-266	6.7	9.0	7.0	6.0	4.7	6.7
ARIES	6.0	8.7	7.3	6.7	4.7	6.7
BOMBAY	7.0	9.0	6.3	6.7	4.3	6.7
DLF-KB-3638	6.3	9.0	6.7	6.7	4.7	6.7
RESOLUTION	5.3	9.0	7.0	6.7	5.3	6.7
NAI-21-136	5.0	8.7	7.0	6.3	6.3	6.7
A12-293	6.3	8.0	7.0	6.7	5.0	6.6
J-1249	4.7	8.7	7.0	6.7	6.0	6.6
PPG-KB2108	5.7	8.7	6.0	7.0	5.7	6.6
A19-17	7.0	8.7	6.0	7.0	4.0	6.5
BARON	6.0	9.0	6.0	6.3	5.3	6.5
A21-11	6.7	8.7	6.7	6.0	4.3	6.5
J-2797	4.7	8.7	6.7	7.0	5.3	6.5
MIDNIGHT	6.0	8.7	7.0	7.0	3.7	6.5
A15-14	4.7	8.3	7.0	6.3	5.3	6.3

TABLE 22.
(CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1	KS1	MD1	NE1	NJ2	MEAN
A15-17	5.7	8.7	7.0	6.0	4.3	6.3
ACOUSTIC	4.3	8.7	7.0	6.7	4.7	6.3
KENBLUE	5.7	7.7	7.7	5.3	5.0	6.3
J-2830	4.7	9.0	7.3	5.7	4.3	6.2
PST-T15-44	6.0	8.7	7.0	6.0	3.3	6.2
PST-K19-201	4.7	8.7	7.0	6.0	4.3	6.1
PSM-231	3.3	8.7	5.7	7.0	5.7	6.1
PROSPERITY	5.3	8.3	7.3	6.0	2.7	5.9
A21-6	4.7	9.0	6.0	6.0	3.0	5.7
PST-K20-3	3.3	8.7	7.3	5.3	3.7	5.7
SHAMROCK	4.7	9.0	6.0	6.3	2.0	5.6
GO-Y312	4.3	7.3	6.7	6.3	3.0	5.5
PPG-KB2107	2.3	8.3	6.3	7.0	3.3	5.5
GO-Y301	5.0	8.0	5.3	6.3	2.0	5.3
NAI-21-127	2.3	8.0	5.3	6.0	2.3	4.8
LSD VALUE	1.6	0.8	0.9	0.8	1.7	0.6
C.V. (%)	17.0	5.4	8.2	7.7	21.2	11.6

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

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

TABLE 23. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	OH1	VA1	MEAN	NAME	OH1	VA1	MEAN
PST-K22-11	81.0	90.0	85.5	A12-266	62.3	86.7	74.5
DLF-KB-3636	68.7	96.0	82.3	PST-K19-206	57.3	91.7	74.5
SKYLINE	68.7	95.0	81.8	RAD 3240	59.0	90.0	74.5
DLF-KB-3639	71.0	90.0	80.5	A19-17	60.3	88.3	74.3
PST-K19-201	71.0	90.0	80.5	ACOUSTIC	63.7	85.0	74.3
DLF-KB-3635	66.3	94.3	80.3	KENBLUE	50.3	95.7	73.0
A21-6	68.7	91.7	80.2	NAI-20-137	52.3	93.3	72.8
NAI-21-136	72.0	88.3	80.2	LTP-A21-41	55.3	89.3	72.3
PST-T15-44	66.3	93.3	79.8	BOMBAY	52.3	92.0	72.2
RIGHT	66.3	93.3	79.8	PST-K19-208	59.3	85.0	72.2
BARSERATI	67.7	91.7	79.7	J-1249	56.0	88.3	72.2
DLF-KB-3637	72.0	86.7	79.3	GO-Y312	62.0	81.7	71.8
RESOLUTION	65.0	93.3	79.2	STARR	58.7	84.3	71.5
SHAMROCK	69.0	88.3	78.7	A15-14	51.3	90.0	70.7
ARIES	64.0	92.7	78.3	DLF-KB-3640	48.3	92.7	70.5
A15-17	69.3	86.7	78.0	BARON	55.7	85.0	70.3
LIGHTNING	65.7	90.0	77.8	GO-Y301	50.7	83.3	67.0
PSM-231	72.0	83.3	77.7	PVF-A17-842	40.0	93.3	66.7
PST-K20-3	69.3	85.0	77.2	J-2830	49.3	83.3	66.3
PST-K17-182	59.7	94.3	77.0	PPG-KB2108	49.3	83.3	66.3
PROSPERITY	75.3	78.3	76.8	J-2797	41.3	90.0	65.7
DLF-KB-3634	57.0	95.0	76.0	A21-11	48.0	83.3	65.7
A21-3	64.7	86.7	75.7	MIDNIGHT	48.3	81.7	65.0
NAI-19-58	58.0	93.3	75.7	NAI-21-127	44.7	83.3	64.0
A12-293	57.7	93.3	75.5	J-1331	42.7	83.3	63.0
A15-16	58.3	92.7	75.5	PPG-KB2107	40.7	85.0	62.8
DLF-KB-3633	58.7	91.7	75.2				
PST-K20-1	67.0	83.3	75.2				
JERSEY	63.3	86.7	75.0	LSD VALUE	13.4	9.2	8.1
DLF-KB-3638	59.7	90.0	74.8	C.V. (%)	13.9	6.5	9.6

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

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

TABLE 24. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	NC1	OH1	MEAN	NAME	NC1	OH1	MEAN	
A15-14	96.3	84.3	90.3	DLF-KB-3635	83.0	68.0	75.5	
A21-3	97.0	79.3	88.2	PST-K19-201	70.7	80.0	75.3	
J-1249	98.3	76.7	87.5	DLF-KB-3640	80.0	70.0	75.0	
PROSPERITY	93.7	81.0	87.3	PST-K19-208	71.7	78.0	74.8	
RIGHT	94.7	79.7	87.2	J-1331	79.7	68.7	74.2	
A19-17	90.7	80.3	85.5	PST-K20-1	65.7	82.7	74.2	
STARR	85.7	84.3	85.0	PVF-A17-842	75.7	71.3	73.5	
ACOUSTIC	87.3	82.3	84.8	DLF-KB-3634	75.7	70.0	72.8	
DLF-KB-3638	97.7	71.0	84.3	RESOLUTION	80.0	65.7	72.8	
PST-K20-3	88.3	78.0	83.2	KENBLUE	78.3	67.3	72.8	
DLF-KB-3637	90.7	75.0	82.8	PPG-KB2107	86.7	55.0	70.8	
ARIES	89.0	76.3	82.7	A12-266	69.0	70.7	69.8	
DLF-KB-3639	81.3	82.0	81.7	DLF-KB-3636	69.7	69.3	69.5	
SHAMROCK	92.3	71.0	81.7	PPG-KB2108	73.3	65.3	69.3	
BOMBAY	86.7	76.0	81.3	NAI-20-137	61.7	73.0	67.3	
SKYLINE	79.0	83.0	81.0	PSM-231	50.0	84.0	67.0	
DLF-KB-3633	79.7	81.3	80.5	LTP-A21-41	61.7	72.0	66.8	
PST-T15-44	89.0	71.3	80.2	PST-K17-182	69.7	62.7	66.2	
BARON	85.7	74.3	80.0	A12-293	64.0	65.7	64.8	
J-2797	97.0	63.0	80.0	JERSEY	66.7	63.0	64.8	
A15-17	76.7	83.0	79.8	LIGHTNING	56.7	71.0	63.8	
GO-Y312	88.7	68.7	78.7	RAD 3240	48.3	79.0	63.7	
MIDNIGHT	75.7	81.7	78.7	GO-Y301	63.3	62.0	62.7	
A21-6	84.7	72.3	78.5	BARSERATI	41.7	80.3	61.0	
PST-K19-206	86.7	70.3	78.5	NAI-21-136	48.3	63.0	55.7	
NAI-19-58	76.7	79.7	78.2	NAI-21-127	35.0	69.7	52.3	
J-2830	79.0	77.0	78.0					
PST-K22-11	80.0	74.3	77.2					
A15-16	69.0	83.0	76.0	LSD VALUE	39.1	15.7	21.1	
A21-11	69.0	82.3	75.7	C.V. (%)	31.6	13.2	24.5	

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 25. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	NJ2	OH1	MEAN	NAME	NJ2	OH1	MEAN
NAI-21-136	89.7	83.7	86.7	PSM-231	76.7	63.7	70.2
LTP-A21-41	93.0	77.7	85.3	A15-14	60.0	79.7	69.8
PST-K17-182	83.3	84.7	84.0	ARIES	63.3	76.3	69.8
A15-16	90.0	76.3	83.2	DLF-KB-3638	63.3	76.3	69.8
NAI-20-137	86.7	79.3	83.0	A19-17	63.3	74.7	69.0
DLF-KB-3636	86.7	78.7	82.7	J-2797	60.0	76.3	68.2
PST-K19-208	80.0	81.7	80.8	MIDNIGHT	46.7	89.0	67.8
RAD 3240	76.7	84.7	80.7	PST-K22-11	73.3	62.3	67.8
DLF-KB-3640	86.7	72.7	79.7	PST-K20-3	50.0	84.7	67.3
DLF-KB-3635	70.0	88.7	79.3	A21-3	63.3	70.0	66.7
PST-K20-1	73.3	84.7	79.0	ACOUSTIC	43.3	87.7	65.5
RESOLUTION	76.7	81.3	79.0	KENBLUE	73.3	57.0	65.2
RIGHT	76.7	81.0	78.8	A12-266	50.0	71.0	60.5
JERSEY	73.3	83.0	78.2	J-2830	33.3	85.0	59.2
DLF-KB-3634	80.0	76.0	78.0	BOMBAY	43.3	74.0	58.7
DLF-KB-3633	73.3	82.0	77.7	SKYLINE	56.7	60.7	58.7
BARSERATI	73.3	79.7	76.5	PST-K19-201	53.3	63.7	58.5
J-1249	63.3	87.7	75.5	A21-6	40.0	74.7	57.3
STARR	80.0	71.0	75.5	PROSPERITY	46.7	61.0	53.8
A15-17	70.0	80.7	75.3	PPG-KB2107	36.7	70.7	53.7
NAI-19-58	93.0	57.0	75.0	PST-T15-44	43.3	63.7	53.5
A12-293	70.0	79.3	74.7	SHAMROCK	33.3	73.7	53.5
PVF-A17-842	73.3	73.7	73.5	NAI-21-127	33.3	71.3	52.3
PPG-KB2108	76.7	69.0	72.8	J-1331	40.0	63.0	51.5
DLF-KB-3639	73.3	72.0	72.7	GO-Y301	23.3	53.3	38.3
LIGHTNING	73.3	70.7	72.0	GO-Y312	16.7	54.0	35.3
A21-11	63.3	80.3	71.8				
BARON	70.0	73.3	71.7				
PST-K19-206	70.0	72.3	71.2	LSD VALUE	19.9	12.0	11.6
DLF-KB-3637	66.7	74.0	70.3	C.V. (%)	19.3	10.0	14.7

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

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

TABLE 26. DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	KS1	NAME	KS1
BARSERATI	8.3	LTP-A21-41	6.3
DLF-KB-3636	8.0	NAI-20-137	6.3
DLF-KB-3639	8.0	NAI-21-136	6.3
A12-266	7.7	PPG-KB2108	6.3
DLF-KB-3640	7.7	PSM-231	6.3
A15-17	7.3	PST-K19-206	6.3
DLF-KB-3637	7.3	RESOLUTION	6.3
LIGHTNING	7.3	STARR	6.3
PST-K19-201	7.3	A15-14	6.0
PST-K20-1	7.3	A15-16	6.0
PST-T15-44	7.3	ACOUSTIC	6.0
A12-293	7.0	J-1331	6.0
A19-17	7.0	KENBLUE	6.0
BARON	7.0	NAI-21-127	6.0
PVF-A17-842	7.0	PST-K20-3	6.0
SHAMROCK	7.0	RAD 3240	6.0
A21-11	6.7	GO-Y301	5.7
A21-3	6.7	JERSEY	5.7
A21-6	6.7	PPG-KB2107	5.7
DLF-KB-3638	6.7	DLF-KB-3634	5.3
NAI-19-58	6.7	J-1249	5.3
PROSPERITY	6.7	J-2830	5.3
PST-K17-182	6.7	MIDNIGHT	5.3
PST-K22-11	6.7	PST-K19-208	5.3
SKYLINE	6.7	RIGHT	5.3
ARIES	6.3	DLF-KB-3635	5.0
BOMBAY	6.3		
DLF-KB-3633	6.3		
GO-Y312	6.3	LSD VALUE	1.3
J-2797	6.3	C.V. (%)	12.8

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

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

TABLE 27.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	IN1	NC1	NJ2	OH1	MEAN
DLF-KB-3633	8.3	4.3	8.7	7.7	7.3
NAI-21-136	8.7	3.7	8.3	8.3	7.3
RESOLUTION	7.3	5.7	7.7	6.7	6.8
A15-17	8.0	6.3	6.3	6.3	6.8
A12-266	6.7	5.3	6.7	8.0	6.7
DLF-KB-3636	8.7	3.7	8.3	6.0	6.7
PST-K17-182	7.3	3.0	8.3	8.0	6.7
A12-293	8.0	4.3	7.3	6.7	6.6
NAI-20-137	7.3	5.0	6.3	7.3	6.5
RAD 3240	8.7	4.0	5.3	7.7	6.4
DLF-KB-3635	7.3	3.7	6.0	8.3	6.3
PST-K20-3	8.0	4.7	6.7	6.0	6.3
BARSERATI	7.7	3.7	7.7	6.3	6.3
PST-K22-11	8.0	1.0	8.7	7.3	6.3
DLF-KB-3637	7.7	4.7	5.7	6.7	6.2
DLF-KB-3634	6.3	3.0	6.7	8.3	6.1
A15-16	6.7	4.0	6.3	7.3	6.1
KENBLUE	7.0	1.0	9.0	7.3	6.1
A15-14	5.3	5.3	7.0	6.3	6.0
A19-17	7.3	2.7	7.0	6.7	5.9
PSM-231	7.7	3.0	5.7	7.3	5.9
PVF-A17-842	7.7	3.0	5.3	7.7	5.9
JERSEY	7.0	4.3	5.7	6.3	5.8
GO-Y312	7.3	1.3	7.7	6.7	5.8
PST-T15-44	5.3	1.7	8.3	7.7	5.8
RIGHT	7.3	2.0	5.0	8.0	5.6
DLF-KB-3639	7.7	1.3	6.3	6.0	5.3
DLF-KB-3640	6.7	1.3	5.3	8.0	5.3
PST-K20-1	7.0	1.7	7.7	5.0	5.3
BARON	5.0	3.7	4.7	7.7	5.3

TABLE 27.
(CONT'D)

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/					
NAME	IN1	NC1	NJ2	OH1	MEAN
PST-K19-208	6.0	1.7	4.7	8.7	5.3
STARR	7.0	2.3	4.7	7.0	5.3
A21-6	7.0	2.3	5.0	6.3	5.2
DLF-KB-3638	6.7	2.0	5.0	7.0	5.2
PST-K19-206	7.7	1.3	4.0	7.7	5.2
LTP-A21-41	6.3	1.0	6.0	7.3	5.2
NAI-19-58	7.7	2.0	5.0	5.7	5.1
SKYLINE	7.7	1.0	4.3	7.3	5.1
ARIES	6.0	2.7	5.7	5.7	5.0
BOMBAY	5.0	4.0	4.7	6.3	5.0
NAI-21-127	4.7	2.7	4.3	8.0	4.9
PPG-KB2108	6.3	1.0	7.7	4.7	4.9
A21-3	6.7	2.7	4.0	6.0	4.8
LIGHTNING	7.0	3.0	4.7	4.7	4.8
PST-K19-201	7.3	1.0	3.7	6.7	4.7
SHAMROCK	5.0	1.7	5.0	6.7	4.6
ACOUSTIC	4.3	5.3	1.3	6.7	4.4
J-2797	5.0	3.0	4.0	5.7	4.4
PROSPERITY	5.0	2.3	6.3	3.7	4.3
A21-11	5.3	3.0	5.3	3.7	4.3
MIDNIGHT	5.0	3.7	1.0	7.3	4.3
GO-Y301	4.3	1.3	5.7	5.0	4.1
PPG-KB2107	7.0	2.3	2.7	4.3	4.1
J-1249	3.7	4.0	1.0	7.3	4.0
J-1331	5.3	2.0	3.3	4.7	3.8
J-2830	3.0	3.3	2.0	6.3	3.7
LSD VALUE	1.9	2.3	1.4	2.7	1.1
C.V. (%)	18.2	48.7	15.6	24.9	24.2

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

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

TABLE 28. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/							
NAME	NC1	NJ1	MEAN	NAME	NC1	NJ1	MEAN
PST-K20-1	7.3	9.0	7.3	A15-14	4.3	8.7	5.8
J-1249	7.7	8.7	7.0	PST-T15-44	5.3	6.7	5.8
A19-17	7.0	8.7	6.9	A21-11	3.3	8.0	5.7
PVF-A17-842	5.3	9.0	6.9	DLF-KB-3636	2.7	9.0	5.7
DLF-KB-3639	5.3	8.3	6.8	NAI-21-136	3.0	8.3	5.7
RIGHT	6.0	8.3	6.7	PST-K19-206	3.3	9.0	5.7
DLF-KB-3633	4.7	9.0	6.6	RAD 3240	2.3	8.3	5.7
DLF-KB-3638	7.3	7.3	6.6	STARR	3.7	8.7	5.7
SHAMROCK	6.3	7.0	6.6	BARON	5.0	7.3	5.6
J-2797	6.3	7.7	6.4	DLF-KB-3637	3.3	8.7	5.6
DLF-KB-3635	6.0	9.0	6.3	J-1331	5.3	8.0	5.6
RESOLUTION	5.3	8.0	6.3	A15-17	3.0	8.3	5.4
NAI-20-137	4.7	7.7	6.2	LTP-A21-41	2.0	8.3	5.4
ARIES	4.3	9.0	6.2	NAI-19-58	3.7	7.0	5.4
SKYLINE	4.3	9.0	6.2	JERSEY	3.3	7.7	5.4
ACOUSTIC	4.0	8.7	6.1	MIDNIGHT	3.0	8.7	5.4
KENBLUE	4.0	8.3	6.1	PROSPERITY	4.3	7.3	5.4
LIGHTNING	3.3	9.0	6.1	BARSERATI	2.3	9.0	5.3
DLF-KB-3634	3.3	9.0	6.0	PST-K20-3	2.7	8.3	5.3
DLF-KB-3640	4.0	8.7	6.0	A21-6	4.0	4.7	5.1
J-2830	4.3	8.7	6.0	PPG-KB2108	2.3	6.3	4.8
PST-K17-182	4.0	8.7	6.0	PST-K19-201	4.0	5.3	4.8
PST-K19-208	3.3	8.7	6.0	GO-Y301	3.0	5.0	4.7
PST-K22-11	4.3	9.0	6.0	PPG-KB2107	3.0	3.3	4.0
BOMBAY	4.7	7.7	5.9	PSM-231	2.3	3.0	3.6
GO-Y312	4.7	6.7	5.9	NAI-21-127	2.0	3.0	3.3
A15-16	3.7	9.0	5.9				
A12-293	4.7	8.0	5.8				
A21-3	4.7	7.7	5.8	LSD VALUE	3.1	1.1	1.2
A12-266	4.3	8.0	5.8	C.V. (%)	45.5	9.1	22.7

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

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

TABLE 29.

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	KS1	NJ1	NJ2	MEAN
RAD 3240	9.0	8.0	9.0	8.7
PST-K17-182	9.0	8.0	8.7	8.6
DLF-KB-3633	9.0	7.3	9.0	8.4
NAI-21-136	9.0	7.0	9.0	8.3
PSM-231	8.7	7.0	9.0	8.2
PST-K19-201	9.0	7.0	8.0	8.0
PST-K19-208	9.0	6.3	8.7	8.0
LIGHTNING	9.0	5.7	9.0	7.9
PST-K19-206	9.0	6.0	7.7	7.6
DLF-KB-3634	9.0	5.0	8.3	7.4
NAI-19-58	9.0	7.3	6.0	7.4
PST-K20-1	9.0	4.3	9.0	7.4
A15-17	9.0	5.3	7.7	7.3
RIGHT	9.0	5.7	7.3	7.3
RESOLUTION	9.0	5.7	7.0	7.2
PPG-KB2108	9.0	4.7	7.7	7.1
A15-16	9.0	5.3	7.0	7.1
DLF-KB-3636	9.0	4.0	7.7	6.9
JERSEY	9.0	5.7	6.0	6.9
NAI-20-137	9.0	5.3	6.3	6.9
A15-14	8.7	3.3	8.3	6.8
A12-266	9.0	4.3	6.7	6.7
DLF-KB-3637	9.0	4.3	6.7	6.7
LTP-A21-41	8.7	3.7	7.7	6.7
SKYLINE	9.0	3.3	7.7	6.7
A12-293	9.0	4.0	6.7	6.6
ARIES	9.0	4.3	6.0	6.4
GO-Y312	9.0	3.0	7.3	6.4
A19-17	9.0	5.0	4.7	6.2
PST-K20-3	9.0	8.0	1.7	6.2

TABLE 29.
(CONT'D)

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE 2/				
NAME	KS1	NJ1	NJ2	MEAN
A21-3	9.0	3.7	6.0	6.2
BARON	8.0	4.3	6.3	6.2
DLF-KB-3635	9.0	4.3	5.3	6.2
DLF-KB-3638	9.0	4.3	5.0	6.1
GO-Y301	9.0	3.0	6.3	6.1
STARR	9.0	3.7	5.7	6.1
BOMBAY	9.0	3.7	5.3	6.0
DLF-KB-3640	9.0	2.0	7.0	6.0
PST-K22-11	9.0	2.3	6.7	6.0
PST-T15-44	9.0	4.3	4.7	6.0
PVF-A17-842	9.0	2.0	7.0	6.0
NAI-21-127	8.7	4.7	4.3	5.9
A21-6	9.0	4.3	4.0	5.8
A21-11	8.3	3.3	4.7	5.4
J-2797	7.0	5.3	4.0	5.4
PPG-KB2107	9.0	4.0	3.3	5.4
SHAMROCK	8.7	4.0	3.7	5.4
J-1331	7.0	5.0	4.0	5.3
BARSERATI	9.0	2.0	4.7	5.2
DLF-KB-3639	9.0	1.7	4.7	5.1
KENBLUE	9.0	1.0	5.0	5.0
J-1249	8.0	3.7	1.3	4.3
ACOUSTIC	8.0	3.3	1.0	4.1
MIDNIGHT	7.7	2.7	1.3	3.9
PROSPERITY	5.3	4.3	1.3	3.7
J-2830	6.7	2.7	1.0	3.4
LSD VALUE	0.6	1.6	1.4	0.7
C.V. (%)	4.6	22.3	14.5	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 30.

FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	OH1	NAME	OH1
ACOUSTIC	9.0	A12-266	7.3
J-1331	9.0	A21-3	7.3
J-2797	9.0	ARIES	7.3
J-2830	9.0	DLF-KB-3634	7.3
MIDNIGHT	9.0	DLF-KB-3638	7.3
PPG-KB2107	9.0	PSM-231	7.3
PROSPERITY	9.0	RESOLUTION	7.3
RAD 3240	9.0	SHAMROCK	7.3
J-1249	8.7	A12-293	7.0
PST-K20-3	8.7	A21-6	7.0
RIGHT	8.7	BARON	7.0
PST-K19-201	8.3	BARSERATI	7.0
A15-16	8.0	BOMBAY	7.0
A21-11	8.0	DLF-KB-3636	7.0
DLF-KB-3639	8.0	DLF-KB-3637	7.0
NAI-21-136	8.0	JERSEY	7.0
PPG-KB2108	8.0	NAI-20-137	7.0
PST-K19-206	8.0	LIGHTNING	6.7
PST-K19-208	8.0	LTP-A21-41	6.7
PST-K20-1	8.0	PST-K22-11	6.7
A15-14	7.7	PVF-A17-842	6.7
A15-17	7.7	SKYLINE	6.7
A19-17	7.7	DLF-KB-3640	6.3
DLF-KB-3633	7.7	GO-Y301	6.0
DLF-KB-3635	7.7	KENBLUE	6.0
NAI-19-58	7.7	GO-Y312	5.3
NAI-21-127	7.7		
PST-K17-182	7.7		
PST-T15-44	7.7	LSD VALUE	0.8
STARR	7.7	C.V. (%)	6.5

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 31.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	NJ1	NAME	NJ1
A12-266	9.0	A21-3	8.7
A15-14	9.0	A21-6	8.7
A15-17	9.0	ARIES	8.7
A21-11	9.0	BOMBAY	8.7
ACOUSTIC	9.0	DLF-KB-3635	8.7
BARON	9.0	JERSEY	8.7
BARSERATI	9.0	LTP-A21-41	8.7
DLF-KB-3633	9.0	PPG-KB2107	8.7
DLF-KB-3636	9.0	PROSPERITY	8.7
DLF-KB-3638	9.0	PSM-231	8.7
DLF-KB-3639	9.0	PST-K17-182	8.7
DLF-KB-3640	9.0	PST-K20-3	8.7
J-1249	9.0	PST-K22-11	8.7
J-1331	9.0	SHAMROCK	8.7
J-2797	9.0	NAI-21-127	8.3
J-2830	9.0	RESOLUTION	8.3
LIGHTNING	9.0	A12-293	8.0
MIDNIGHT	9.0	KENBLUE	8.0
NAI-19-58	9.0	SKYLINE	8.0
NAI-21-136	9.0	DLF-KB-3637	7.7
PST-K19-201	9.0	NAI-20-137	7.7
PST-K19-206	9.0	PPG-KB2108	7.3
PST-K19-208	9.0	GO-Y301	7.0
PST-K20-1	9.0	DLF-KB-3634	6.7
PST-T15-44	9.0	A15-16	5.3
PVF-A17-842	9.0	GO-Y312	3.0
RAD 3240	9.0		
RIGHT	9.0		
STARR	9.0	LSD VALUE	0.9
A19-17	8.7	C.V. (%)	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 32.

POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT WEST LAFAYETTE, IN 1/
2024 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/							
NAME	POA ANNUA APRIL	OCTOBER	MEAN	NAME	POA ANNUA APRIL	OCTOBER	MEAN
DLF-KB-3635	6.7	8.0	7.3	DLF-KB-3637	3.0	6.7	4.8
BARSERATI	6.0	7.3	6.7	PST-K22-11	4.0	5.7	4.8
DLF-KB-3633	5.7	7.0	6.3	DLF-KB-3638	3.7	5.7	4.7
DLF-KB-3634	5.3	7.0	6.2	LTP-A21-41	4.3	5.0	4.7
DLF-KB-3636	5.3	7.0	6.2	PST-K19-206	4.0	5.3	4.7
DLF-KB-3639	6.0	6.3	6.2	RESOLUTION	3.3	6.0	4.7
STARR	4.7	7.7	6.2	A21-6	4.0	5.0	4.5
BOMBAY	4.7	7.0	5.8	PPG-KB2108	4.0	5.0	4.5
DLF-KB-3640	5.3	6.3	5.8	BARON	3.0	5.7	4.3
A12-293	6.0	5.3	5.7	SHAMROCK	4.3	4.3	4.3
A15-16	4.7	6.7	5.7	J-1249	3.0	5.3	4.2
NAI-20-137	4.7	6.7	5.7	J-1331	3.7	4.7	4.2
PST-K17-182	4.7	6.7	5.7	PROSPERITY	3.7	4.7	4.2
A12-266	4.7	6.3	5.5	PST-K20-1	3.0	5.3	4.2
A19-17	4.3	6.7	5.5	A15-17	2.7	5.3	4.0
A21-11	4.7	6.3	5.5	J-2797	3.7	4.0	3.8
PVF-A17-842	4.7	6.3	5.5	GO-Y312	3.7	3.7	3.7
RIGHT	4.7	6.3	5.5	J-2830	4.0	3.3	3.7
KENBLUE	5.7	5.0	5.3	NAI-21-136	3.0	4.3	3.7
PST-T15-44	5.0	5.7	5.3	PST-K19-201	3.7	3.7	3.7
ARIES	4.7	5.7	5.2	ACOUSTIC	3.0	4.0	3.5
JERSEY	3.7	6.7	5.2	GO-Y301	3.0	3.7	3.3
LIGHTNING	4.7	5.7	5.2	PSM-231	2.3	3.3	2.8
PST-K19-208	3.7	6.7	5.2	NAI-21-127	2.0	2.7	2.3
MIDNIGHT	4.3	5.7	5.0	PST-K20-3	1.3	3.0	2.2
NAI-19-58	3.3	6.7	5.0	PPG-KB2107	2.0	2.0	2.0
RAD 3240	4.3	5.7	5.0				
SKYLINE	4.0	6.0	5.0				
A15-14	5.0	4.7	4.8	LSD VALUE	1.6	1.8	1.4
A21-3	3.7	6.0	4.8	C.V. (%)	23.6	20.4	18.2

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

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

TABLE 33.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA 2/

NAME	MA1	MN1	NC1	MEAN	NAME	MA1	MN1	NC1	MEAN
DLF-KB-3635	81.7	67.3	38.3	62.4	A12-293	70.0	38.3	26.7	45.0
BARSERATI	85.0	66.7	33.3	61.7	PST-K20-1	63.3	44.7	26.7	44.9
ACOUSTIC	76.7	61.0	31.7	56.4	A12-266	66.7	41.0	26.7	44.8
DLF-KB-3633	68.3	59.3	36.7	54.8	JERSEY	66.7	37.7	30.0	44.8
J-1331	71.7	58.7	30.0	53.4	BARON	65.0	41.7	25.0	43.9
PST-K17-182	76.7	55.3	26.7	52.9	LTP-A21-41	70.0	34.0	26.7	43.6
NAI-20-137	78.3	45.0	33.3	52.2	ARIES	56.7	45.0	28.3	43.3
MIDNIGHT	70.0	54.7	31.7	52.1	BOMBAY	61.7	41.3	26.7	43.2
A15-14	80.0	49.0	26.7	51.9	KENBLUE	70.0	34.7	23.3	42.7
DLF-KB-3639	70.0	47.7	36.7	51.4	J-1249	60.0	40.7	25.0	41.9
DLF-KB-3634	68.3	51.7	31.7	50.6	LIGHTNING	50.0	44.3	30.0	41.4
J-2797	70.0	51.3	30.0	50.4	GO-Y301	56.7	40.3	25.0	40.7
PST-T15-44	63.3	56.3	30.0	49.9	PVF-A17-842	58.3	34.7	28.3	40.4
PST-K19-208	61.7	54.3	33.3	49.8	A21-6	63.3	33.7	23.3	40.1
DLF-KB-3636	58.3	56.0	31.7	48.7	A19-17	56.7	34.3	28.3	39.8
PPG-KB2108	76.7	40.7	28.3	48.6	GO-Y312	63.3	38.3	16.7	39.4
PST-K22-11	65.0	45.0	35.0	48.3	A21-3	63.3	26.7	26.7	38.9
RESOLUTION	76.7	41.0	26.7	48.1	DLF-KB-3638	60.0	33.3	23.3	38.9
PST-K19-206	76.7	35.3	31.7	47.9	PST-K19-201	50.0	42.3	23.3	38.6
RAD 3240	66.7	44.7	31.7	47.7	PST-K20-3	60.0	30.3	21.7	37.3
DLF-KB-3640	78.3	32.0	31.7	47.3	A15-17	61.7	26.7	23.3	37.2
SHAMROCK	73.3	45.0	23.3	47.2	NAI-21-127	60.0	25.3	25.0	36.8
A15-16	65.0	48.0	28.3	47.1	NAI-21-136	60.0	23.3	26.7	36.7
PROSPERITY	63.3	48.0	30.0	47.1	SKYLINE	55.0	24.3	23.3	34.2
STARR	75.0	41.0	23.3	46.4	PSM-231	50.0	22.7	20.0	30.9
J-2830	65.0	47.3	26.7	46.3	DLF-KB-3637	50.0	23.0	18.3	30.4
A21-11	70.0	38.3	30.0	46.1					
RIGHT	75.0	39.7	23.3	46.0					
PPG-KB2107	75.0	36.3	25.0	45.4	LSD VALUE	15.4	9.0	9.2	6.7
NAI-19-58	68.3	37.7	30.0	45.3	C.V. (%)	14.4	13.3	20.7	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 34. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2024 DATA

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

NAME	NC1	NAME	NC1
DLF-KB-3638	6.7	ARIES	4.0
J-1249	6.7	GO-Y312	4.0
BARON	6.3	JERSEY	4.0
DLF-KB-3635	6.3	NAI-20-137	4.0
DLF-KB-3637	6.3	PROSPERITY	4.0
J-2797	6.3	PST-K17-182	4.0
A21-3	6.0	PST-K20-3	4.0
A12-266	5.7	NAI-19-58	3.7
DLF-KB-3633	5.7	PPG-KB2107	3.7
J-2830	5.7	PST-K19-208	3.7
A15-14	5.3	RESOLUTION	3.7
DLF-KB-3639	5.3	SHAMROCK	3.7
PST-K20-1	5.3	A15-16	3.3
STARR	5.3	A21-11	3.3
BOMBAY	5.0	BARSERATI	3.3
J-1331	5.0	LTP-A21-41	3.3
RIGHT	5.0	PST-K19-201	3.3
A15-17	4.7	GO-Y301	3.0
A19-17	4.7	LIGHTNING	3.0
DLF-KB-3636	4.7	PST-K22-11	3.0
PVF-A17-842	4.7	KENBLUE	2.3
A12-293	4.3	RAD 3240	2.3
A21-6	4.3	NAI-21-127	2.0
DLF-KB-3634	4.3	NAI-21-136	2.0
DLF-KB-3640	4.3	PPG-KB2108	2.0
MIDNIGHT	4.3	PSM-231	2.0
PST-K19-206	4.3		
PST-T15-44	4.3		
SKYLINE	4.3	LSD VALUE	2.6
ACOUSTIC	4.0	C.V. (%)	37.3

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 35. PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT MANHATTAN, KS 2/
2024 DATA

NAME	4 WEEKS	8 WEEKS	12 WEEKS	MEAN	NAME	4 WEEKS	8 WEEKS	12 WEEKS	MEAN
DLF-KB-3635	80.3	97.3	99.0	92.2	KENBLUE	65.3	96.0	95.0	85.4
BARSERATI	78.0	97.3	99.0	91.4	LIGHTNING	67.7	93.0	95.3	85.3
PST-K17-182	75.3	98.0	99.0	90.8	A19-17	61.7	96.3	97.7	85.2
DLF-KB-3636	78.0	96.7	96.7	90.4	PST-K19-208	66.0	93.3	96.3	85.2
PST-T15-44	77.3	96.0	97.0	90.1	NAI-20-137	66.0	93.7	95.7	85.1
DLF-KB-3639	73.3	96.0	98.7	89.3	J-2830	61.7	95.7	97.3	84.9
PVF-A17-842	71.0	98.3	98.3	89.2	NAI-19-58	64.3	94.0	95.7	84.7
DLF-KB-3633	72.3	97.3	97.7	89.1	PROSPERITY	66.7	92.0	95.0	84.6
A12-266	73.0	97.3	96.3	88.9	STARR	65.0	93.7	95.0	84.6
PST-K22-11	71.7	95.7	99.0	88.8	A15-16	65.0	93.7	94.7	84.4
DLF-KB-3634	71.3	96.0	97.7	88.3	GO-Y312	67.3	90.7	95.3	84.4
DLF-KB-3640	71.0	96.0	97.3	88.1	PPG-KB2107	62.7	94.7	96.0	84.4
LTP-A21-41	73.0	94.3	96.7	88.0	SKYLINE	61.3	94.7	97.0	84.3
MIDNIGHT	71.7	95.7	96.7	88.0	PSM-231	64.7	92.7	94.7	84.0
ACOUSTIC	71.3	94.7	97.3	87.8	J-1331	61.3	93.7	95.0	83.3
PST-K20-1	70.7	94.3	97.7	87.6	A21-6	59.7	94.0	95.3	83.0
PST-K19-206	68.7	95.0	98.0	87.2	JERSEY	60.3	93.3	95.3	83.0
BARON	69.0	95.3	97.0	87.1	PST-K19-201	61.7	92.7	94.3	82.9
GO-Y301	70.0	93.7	97.7	87.1	RIGHT	60.3	91.3	96.0	82.6
A12-293	65.7	96.0	97.7	86.4	DLF-KB-3638	61.3	92.0	94.0	82.4
A15-14	71.3	93.3	94.3	86.3	NAI-21-127	62.3	89.3	93.7	81.8
BOMBAY	66.7	95.0	97.3	86.3	A21-3	56.0	92.0	94.7	80.9
RAD 3240	67.7	95.0	96.3	86.3	NAI-21-136	56.7	90.7	92.7	80.0
A21-11	69.3	95.0	94.3	86.2	A15-17	55.0	92.0	92.0	79.7
SHAMROCK	66.7	95.7	95.7	86.0	PST-K20-3	50.3	89.0	94.3	77.9
J-1249	65.3	94.3	97.3	85.7	DLF-KB-3637	49.0	83.3	91.7	74.7
RESOLUTION	65.3	96.3	95.3	85.7					
J-2797	66.3	93.0	97.3	85.6					
PPG-KB2108	67.0	94.0	95.7	85.6	LSD VALUE	8.4	5.1	4.1	3.7
ARIES	66.7	94.3	95.3	85.4	C.V. (%)	7.8	2.9	2.1	2.7

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 36. PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT EAST LANSING, MI 2/
2024 DATA

NAME	10/18	10/24	MEAN	NAME	10/18	10/24	MEAN
A12-266	56.7	63.3	60.0	PVF-A17-842	43.3	46.7	45.0
BARSERATI	55.0	63.3	59.2	KENBLUE	43.3	45.0	44.2
PST-K17-182	55.0	61.7	58.3	LIGHTNING	40.0	48.3	44.2
PST-K19-208	55.0	61.7	58.3	PST-K19-201	41.7	46.7	44.2
DLF-KB-3635	50.0	60.0	55.0	DLF-KB-3640	41.7	45.0	43.3
PST-K20-1	53.3	56.7	55.0	J-1249	40.0	46.7	43.3
A12-293	51.7	56.7	54.2	PROSPERITY	41.7	45.0	43.3
J-1331	51.7	56.7	54.2	RIGHT	41.7	45.0	43.3
ACOUSTIC	50.0	56.7	53.3	STARR	43.3	43.3	43.3
DLF-KB-3633	50.0	56.7	53.3	NAI-21-136	41.7	43.3	42.5
DLF-KB-3639	51.7	53.3	52.5	A21-6	40.0	43.3	41.7
MIDNIGHT	51.7	53.3	52.5	GO-Y301	40.0	43.3	41.7
A15-16	48.3	53.3	50.8	J-2797	40.0	43.3	41.7
J-2830	48.3	53.3	50.8	PSM-231	41.7	41.7	41.7
A15-14	48.3	51.7	50.0	SHAMROCK	40.0	41.7	40.8
A21-11	46.7	51.7	49.2	BOMBAY	38.3	38.3	38.3
JERSEY	48.3	50.0	49.2	PST-K20-3	38.3	38.3	38.3
PST-K22-11	48.3	50.0	49.2	NAI-19-58	35.0	40.0	37.5
LTP-A21-41	46.7	50.0	48.3	SKYLINE	35.0	40.0	37.5
NAI-20-137	45.0	51.7	48.3	NAI-21-127	35.0	38.3	36.7
RESOLUTION	46.7	50.0	48.3	DLF-KB-3638	35.0	36.7	35.8
RAD 3240	46.7	48.3	47.5	GO-Y312	31.7	38.3	35.0
BARON	45.0	48.3	46.7	A15-17	31.7	36.7	34.2
DLF-KB-3634	45.0	48.3	46.7	A19-17	30.0	36.7	33.3
DLF-KB-3636	45.0	48.3	46.7	A21-3	28.3	35.0	31.7
PPG-KB2107	41.7	51.7	46.7	DLF-KB-3637	25.0	26.7	25.8
PPG-KB2108	45.0	48.3	46.7				
PST-K19-206	45.0	48.3	46.7				
PST-T15-44	43.3	48.3	45.8	LSD VALUE	11.2	11.8	10.8
ARIES	43.3	46.7	45.0	C.V. (%)	15.0	14.7	14.1

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

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

TABLE 37.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 AT NORTH BRUNSWICK, NJ 2/
 2024 DATA

NAME	OCTOBER	APRIL	MAY	MEAN	NAME	OCTOBER	APRIL	MAY	MEAN
DLF-KB-3635	80.0	93.0	96.3	89.8	LTP-A21-41	38.3	78.3	83.3	66.7
DLF-KB-3633	81.7	91.7	94.7	89.3	A21-11	53.3	70.0	75.0	66.1
PST-K22-11	65.0	90.0	97.7	84.2	STARR	45.0	70.0	83.3	66.1
BARSERATI	73.3	83.3	91.7	82.8	KENBLUE	48.3	68.3	78.3	65.0
PVF-A17-842	61.7	81.7	93.0	78.8	PROSPERITY	46.7	70.0	78.3	65.0
LIGHTNING	58.3	83.3	93.3	78.3	PST-K19-208	51.7	63.3	78.3	64.4
A12-293	58.3	78.3	93.0	76.6	BARON	45.0	65.0	81.7	63.9
DLF-KB-3634	51.7	83.3	93.3	76.1	A21-6	40.0	70.0	78.3	62.8
SHAMROCK	55.0	80.0	93.3	76.1	A19-17	36.7	68.3	76.7	60.6
A15-16	58.3	78.3	85.0	73.9	BOMBAY	45.0	63.3	73.3	60.6
ACOUSTIC	58.3	76.7	86.7	73.9	NAI-19-58	40.0	63.3	78.3	60.6
DLF-KB-3640	53.3	80.0	88.3	73.9	PPG-KB2107	48.3	61.7	71.7	60.6
SKYLINE	48.3	78.3	93.0	73.2	PSM-231	31.7	68.3	78.3	59.4
J-2830	53.3	78.3	86.7	72.8	PST-K19-201	41.7	60.0	75.0	58.9
A15-14	56.7	76.7	83.3	72.2	J-2797	38.3	60.0	76.7	58.3
NAI-20-137	46.7	78.3	91.7	72.2	NAI-21-136	26.7	66.7	80.0	57.8
DLF-KB-3636	58.3	75.0	81.7	71.7	A15-17	23.3	75.0	73.3	57.2
JERSEY	43.3	80.0	91.7	71.7	PPG-KB2108	33.3	61.7	75.0	56.7
PST-K19-206	46.7	80.0	88.3	71.7	RAD 3240	36.7	58.3	75.0	56.7
PST-T15-44	60.0	73.3	80.0	71.1	DLF-KB-3638	31.7	56.7	76.7	55.0
PST-K20-1	48.3	78.3	85.0	70.6	DLF-KB-3637	20.0	61.7	81.7	54.4
RESOLUTION	46.7	76.7	88.3	70.6	NAI-21-127	31.7	60.0	71.7	54.4
ARIES	51.7	73.3	85.0	70.0	A21-3	28.3	58.3	73.3	53.3
DLF-KB-3639	50.0	73.3	86.7	70.0	GO-Y312	26.7	58.3	73.3	52.8
MIDNIGHT	51.7	76.7	81.7	70.0	RIGHT	38.3	46.7	68.3	51.1
J-1331	51.7	73.3	83.3	69.4	PST-K20-3	26.7	53.3	71.7	50.6
PST-K17-182	51.7	70.0	83.3	68.3					
A12-266	56.7	68.3	76.7	67.2					
GO-Y301	50.0	68.3	81.7	66.7	LSD VALUE	15.7	14.4	12.7	11.4
J-1249	41.7	71.7	86.7	66.7	C.V. (%)	20.9	12.0	8.8	10.6

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 38.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT WEST LAFAYETTE, IN 1/
2024 DATA

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

NAME	JUNE	SEPTEMBER	MEAN	NAME	JUNE	SEPTEMBER	MEAN
DLF-KB-3633	8.3	7.3	7.8	A21-6	7.0	5.0	6.0
RAD 3240	8.7	6.7	7.7	DLF-KB-3640	6.7	5.3	6.0
NAI-21-136	8.7	6.3	7.5	PST-K19-208	6.0	6.0	6.0
DLF-KB-3636	8.7	6.0	7.3	ARIES	6.0	5.7	5.8
DLF-KB-3637	7.7	7.0	7.3	PPG-KB2108	6.3	5.3	5.8
PST-K19-206	7.7	7.0	7.3	PST-K19-201	7.3	4.3	5.8
A19-17	7.3	7.0	7.2	PST-K20-1	7.0	4.7	5.8
BARSERATI	7.7	6.7	7.2	DLF-KB-3638	6.7	4.7	5.7
PST-K22-11	8.0	6.3	7.2	KENBLUE	7.0	4.3	5.7
PVF-A17-842	7.7	6.7	7.2	BOMBAY	5.0	6.0	5.5
STARR	7.0	7.3	7.2	A21-11	5.3	5.3	5.3
PST-K17-182	7.3	6.7	7.0	PPG-KB2107	7.0	3.7	5.3
A12-293	8.0	5.7	6.8	A15-14	5.3	5.0	5.2
A15-17	8.0	5.7	6.8	GO-Y312	7.3	3.0	5.2
JERSEY	7.0	6.7	6.8	BARON	5.0	4.7	4.8
NAI-19-58	7.7	6.0	6.8	PST-T15-44	5.3	4.3	4.8
NAI-20-137	7.3	6.3	6.8	J-1249	3.7	5.3	4.5
RESOLUTION	7.3	6.3	6.8	J-1331	5.3	3.7	4.5
SKYLINE	7.7	5.7	6.7	MIDNIGHT	5.0	4.0	4.5
A15-16	6.7	6.3	6.5	NAI-21-127	4.7	4.0	4.3
DLF-KB-3639	7.7	5.3	6.5	PROSPERITY	5.0	3.7	4.3
LTP-A21-41	6.3	6.7	6.5	SHAMROCK	5.0	3.3	4.2
PST-K20-3	8.0	5.0	6.5	ACOUSTIC	4.3	3.7	4.0
A12-266	6.7	6.0	6.3	GO-Y301	4.3	3.7	4.0
DLF-KB-3635	7.3	5.3	6.3	J-2797	5.0	2.3	3.7
LIGHTNING	7.0	5.7	6.3	J-2830	3.0	3.7	3.3
PSM-231	7.7	5.0	6.3				
A21-3	6.7	5.7	6.2				
DLF-KB-3634	6.3	6.0	6.2	LSD VALUE	1.8	1.6	1.2
RIGHT	7.3	5.0	6.2	C.V. (%)	16.9	18.7	12.8

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

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

TABLE 39.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT ADELPHIA, NJ 1/
2024 DATA

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

NAME	MARCH	MAY	OCTOBER	MEAN	NAME	MARCH	MAY	OCTOBER	MEAN
NAI-21-136	8.3	9.0	8.0	8.4	DLF-KB-3639	6.3	4.7	6.3	5.8
PST-K17-182	8.3	9.0	7.7	8.3	GO-Y312	7.7	8.0	1.7	5.8
DLF-KB-3636	8.3	7.3	8.0	7.9	PST-K19-201	3.7	9.0	4.7	5.8
PST-K20-1	7.7	9.0	7.0	7.9	PST-K19-206	4.0	9.0	4.3	5.8
DLF-KB-3633	8.7	8.3	6.3	7.8	ARIES	5.7	6.0	4.7	5.4
DLF-KB-3634	6.7	8.7	8.0	7.8	A19-17	7.0	4.7	4.3	5.3
PPG-KB2108	7.7	9.0	6.7	7.8	DLF-KB-3638	5.0	6.0	5.0	5.3
A15-14	7.0	8.7	7.0	7.6	BARON	4.7	6.7	4.3	5.2
PST-K22-11	8.7	7.0	6.7	7.4	PST-T15-44	8.3	4.0	3.3	5.2
A15-16	6.3	7.7	7.7	7.2	STARR	4.7	6.0	4.3	5.0
PSM-231	5.7	9.0	6.7	7.1	A21-3	4.0	7.3	3.3	4.9
A12-293	7.3	6.0	7.7	7.0	PPG-KB2107	2.7	6.3	5.7	4.9
LTP-A21-41	6.0	6.0	9.0	7.0	PST-K20-3	6.7	5.3	2.7	4.9
RAD 3240	5.3	9.0	6.7	7.0	BOMBAY	4.7	5.7	4.0	4.8
KENBLUE	9.0	4.7	7.0	6.9	PROSPERITY	6.3	4.7	3.0	4.7
RESOLUTION	7.7	7.0	6.0	6.9	GO-Y301	5.7	6.0	2.0	4.6
DLF-KB-3635	6.0	6.0	8.3	6.8	A21-11	5.3	4.3	3.7	4.4
BARSERATI	7.7	6.0	6.3	6.7	NAI-21-127	4.3	4.3	4.7	4.4
LIGHTNING	4.7	9.0	6.3	6.7	J-2797	4.0	5.0	4.0	4.3
NAI-20-137	6.3	7.7	6.0	6.7	SHAMROCK	5.0	5.0	2.7	4.2
PST-K19-208	4.7	9.0	6.3	6.7	A21-6	5.0	4.7	2.7	4.1
PVF-A17-842	5.3	6.7	7.7	6.6	J-1331	3.3	5.0	4.0	4.1
DLF-KB-3637	5.7	7.7	6.0	6.4	J-1249	1.0	3.7	5.3	3.3
RIGHT	5.0	9.0	5.3	6.4	ACOUSTIC	1.3	3.7	4.3	3.1
A12-266	6.7	7.3	5.0	6.3	J-2830	2.0	3.0	3.7	2.9
NAI-19-58	5.0	6.3	7.7	6.3	MIDNIGHT	1.0	2.7	4.7	2.8
DLF-KB-3640	5.3	6.0	7.3	6.2					
A15-17	6.3	7.0	5.0	6.1					
JERSEY	5.7	6.7	5.7	6.0	LSD VALUE	1.3	1.1	1.5	0.8
SKYLINE	4.3	6.3	7.3	6.0	C.V. (%)	15.6	11.9	18.5	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 40.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT RALEIGH, NC 1/
2024 DATA

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

NAME	JULY	AUGUST	MEAN
DLF-KB-3638	7.3	6.3	6.8
J-1249	7.7	5.7	6.7
PST-K20-1	7.3	5.3	6.3
J-2797	6.3	5.3	5.8
A19-17	7.0	4.3	5.7
SHAMROCK	6.3	4.7	5.5
RIGHT	6.0	4.7	5.3
J-1331	5.3	4.7	5.0
A15-14	4.3	5.3	4.8
BOMBAY	4.7	5.0	4.8
DLF-KB-3635	6.0	3.7	4.8
DLF-KB-3639	5.3	4.3	4.8
A21-3	4.7	4.7	4.7
BARON	5.0	4.3	4.7
PST-T15-44	5.3	4.0	4.7
PROSPERITY	4.3	4.7	4.5
PVF-A17-842	5.3	3.7	4.5
GO-Y312	4.7	4.0	4.3
ARIES	4.3	4.0	4.2
J-2830	4.3	4.0	4.2
SKYLINE	4.3	4.0	4.2
ACOUSTIC	4.0	4.0	4.0
DLF-KB-3633	4.7	3.3	4.0
RESOLUTION	5.3	2.7	4.0
A12-266	4.3	3.3	3.8
A12-293	4.7	3.0	3.8
PST-K22-11	4.3	3.3	3.8
NAI-20-137	4.7	2.7	3.7
A21-6	4.0	3.0	3.5

TABLE 40.
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT RALEIGH, NC 1/
2024 DATA

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

NAME	JULY	AUGUST	MEAN
PST-K17-182	4.0	3.0	3.5
PST-K19-201	4.0	3.0	3.5
STARR	3.7	3.3	3.5
DLF-KB-3637	3.3	3.3	3.3
DLF-KB-3640	4.0	2.7	3.3
A15-16	3.7	2.3	3.0
KENBLUE	4.0	2.0	3.0
MIDNIGHT	3.0	3.0	3.0
PST-K19-206	3.3	2.7	3.0
A21-11	3.3	2.3	2.8
DLF-KB-3634	3.3	2.3	2.8
DLF-KB-3636	2.7	3.0	2.8
PPG-KB2107	3.0	2.7	2.8
PST-K19-208	3.3	2.3	2.8
JERSEY	3.3	2.0	2.7
LIGHTNING	3.3	2.0	2.7
NAI-19-58	3.7	1.7	2.7
PST-K20-3	2.7	2.7	2.7
A15-17	3.0	2.0	2.5
GO-Y301	3.0	1.7	2.3
NAI-21-136	3.0	1.3	2.2
BARSERATI	2.3	1.7	2.0
LTP-A21-41	2.0	2.0	2.0
PPG-KB2108	2.3	1.7	2.0
PSM-231	2.3	1.7	2.0
RAD 3240	2.3	1.3	1.8
NAI-21-127	2.0	1.0	1.5
LSD VALUE	4.2	3.4	3.5
C.V. (%)	43.4	48.8	43.2

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
2024 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/
A12-266	5.5	25.0	MIDNIGHT	5.4	25.0
A12-293	5.4	37.5	NAI-19-58	5.6	43.8
A15-14	5.5	25.0	NAI-20-137	5.5	25.0
A15-16	5.5	25.0	NAI-21-127	3.9	0.0
A15-17	5.0	0.0	NAI-21-136	5.1	25.0
A19-17	5.5	18.8	PPG-KB2107	4.2	0.0
A21-11	5.2	12.5	PPG-KB2108	5.1	6.3
A21-3	5.2	12.5	PROSPERITY	4.9	12.5
A21-6	5.0	25.0	PSM-231	4.7	12.5
ACOUSTIC	5.5	43.8	PST-K17-182	5.9	62.5
ARIES	5.5	31.3	PST-K19-201	5.0	12.5
BARON	5.2	12.5	PST-K19-206	5.2	12.5
BARSERATI	5.7	50.0	PST-K19-208	5.7	18.8
BOMBAY	5.5	43.8	PST-K20-1	5.6	31.3
DLF-KB-3633	5.8	31.3	PST-K20-3	4.5	6.3
DLF-KB-3634	5.7	43.8	PST-K22-11	5.6	18.8
DLF-KB-3635	5.9	56.3	PST-T15-44	5.1	12.5
DLF-KB-3636	5.8	43.8	PVF-A17-842	5.5	43.8
DLF-KB-3637	5.2	12.5	RAD 3240	5.5	37.5
DLF-KB-3638	5.1	6.3	RESOLUTION	5.5	12.5
DLF-KB-3639	5.4	12.5	RIGHT	5.5	25.0
DLF-KB-3640	5.5	43.8	SHAMROCK	5.0	6.3
GO-Y301	4.5	0.0	SKYLINE	5.2	18.8
GO-Y312	4.5	0.0	STARR	5.5	25.0
J-1249	5.5	37.5			
J-1331	5.5	25.0	LSD VALUE	0.2	
J-2797	5.5	31.3	C.V. (%)	11.0	
J-2830	5.3	18.8			
JERSEY	5.3	12.5			
KENBLUE	4.8	6.3			
LIGHTNING	5.6	43.8			
LTP-A21-41	5.1	18.8			

*/ 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.