

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 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>.

2011 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Maryland	College Park	MD1
Minnesota	St. Paul	MN1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic Study)	NJ3
North Carolina	Raleigh (Summer Patch)	NC1
Ontario	Guelph (Organic)	ON1
Tennessee	Knoxville	TN1
Tennessee	Knoxville (Traffic)	TN2
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1

2011 NATIONAL KENTUCKY BLUEGRASS TEST Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	BAR 12PP 612	Barenbrug Holland B.V.	41	RAD-849	Radix Research
2	BAR 8PP 504	Barenbrug Holland B. V.	*42	Avid	Burlingham Seeds
*3	America	Standard Entry	*43	Empire	Burlingham Seeds
4	A05-361	N. J. Ag. Experiment Station	44	Burl 3-51	Burlingham Seeds
*5	Cabernet	Standard Entry	45	Burl 06-11	Burlingham Seeds
*6	Award	Jacklin Seed by Simplot®	46	PST-K4-3	Pure-Seed Testing
*7	Nu Chicago	Standard Entry	47	PST-K9-90	Pure-Seed Testing
*8	Kenblue	Standard Entry	*48	Jackrabbit (PST-K10-106D)	DLF
9	J-1770	Jacklin Seed by Simplot®	49	BAR Pp 119327	Barenbrug USA
10	J-1136	Jacklin Seed by Simplot®	*50	Barduke	Barenbrug USA
*11	Rush	Jacklin Seed by Simplot®	*51	Baron	Standard Entry
*12	Sudden Impact	Jacklin Seed by Simplot®	*52	Barvette HGT (BAR VV 0709)	Barenbrug USA
13	J-1853	Jacklin Seed by Simplot®	53	BAR VV 112916	Barenbrug USA
*14	Waterworks (A05-204)	Turf Merchants	54	BAR Pp 110358	Barenbrug USA
15	A05-329	Turf Merchants	55	BAR Pp 119326	Barenbrug USA
*16	Oasis (A98-344)	Seeds, Inc./Pennington Seed	56	BAR VV 118532	Barenbrug USA
17	A98-363	Seeds, Inc.	*57	Skye	Grassland Oregon
18	RAD-1492	CHS, Inc.	*58	Blue Coat (AKB 2282)	Columbia Seeds LLC
19	A04-38	The Scotts Company	59	AKB 2555	Columbia Seeds LLC
20	A05-360	The Scotts Company	60	A00-4199	ProSeeds Marketing
*21	Zedor (PpH 9131)	DLF	61	A06-26	Lewis Seeds
*22	Geisha (DPPp818)	DLF	62	Pick TD8	DLF Pickseed USA, Inc.
*23	Aramintha (Pp 10847)	DLF	63	SR 2150 (SRX 5321)	Seed Research of Oregon
24	Pick 033	DLF Pickseed USA, Inc.	64	Pick TD9	DLF Pickseed USA, Inc.
25	Pick MP07	DLF Pickseed USA, Inc.	*65	Blackjack	Columbia River Seeds
26	Pick 4340	DLF Pickseed USA, Inc.	*66	Arrowhead	Columbia River Seeds
27	SRX 466	DLF Pickseed USA, Inc.	67	PST-K9-99	Pure-Seed Testing
28	SRX 2758	DLF Pickseed USA, Inc.	*68	Lunar (PST-07-261)	Landmark
29	SRX 4338	DLF Pickseed USA, Inc.	69	PST-T10-18	Pure-Seed Testing
30	Merlot (LTP-08-6)	Lebanon Seaboard Corp.	*70	Endurance (PST-K4-7)	Scotts
31	A00-2882	DLF Pickseed USA, Inc.	71	PST-K9-97	Pure-Seed Testing
*32	Keeneland (A04-342)	DLF	*72	Rubix (4S2W)	Columbia River Seed
33	A06-46	DLF Pickseed USA, Inc.	73	3733	Columbia River Seed
34	A05-TB-382	Mountain View Seeds	*74	Dauntless (A05-315)	Columbia River Seed
35	Bolt (H99-1653)	Mountain View Seeds	75	A05-999	Columbia River Seed
*36	Blue Note	Mountain View Seeds	76	A06-47	Columbia River Seed
*37	Legend (A10-1)	Mountain View Seeds	77	RAD-507	Columbia River Seed
*38	Zinger (A05-306)	Mountain View Seeds	78	A04-36	N. J. Ag. Experiment Station
39	Bluebank (A03-1017)	Landmark Turf & N.S.	*79	Shamrock	Standard Entry
*40	Mazama (A04-74)	Vista Seed Partners	80	A01-1106	ProSeeds Marketing
			*81	Midnight	Standard Entry
			*82	Thermal Blue	Standard Entry

* COMMERCIALY AVAILABLE IN THE USA IN 2017

TABLE A.

2016 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2011 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
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	241-375	1.1-2.0	UNIFORM SHADE	2.1-2.5	NO IRRIGATION
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
KS1	-	-	-	-	-	-	-	-
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MN1	SILTY CLAY LOAM	5.6-6.0	61-150	376-500	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
NC1	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	151-270	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	501+	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	5.6-6.0	151-270	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
ON1	-	-	-	-	-	-	-	-
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TN2	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
UT1	-	-	-	-	-	-	-	-
VA1	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	3.1-4.0	LIGHT SHADE	1.6-2.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	451+	501+	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2016

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
IA1					X	X	X	X	X	X			X	X	
IL1				X	X	X	X	X	X	X			X	X	
IL2			X	X	X	X	X	X	X	X	X			X	
IN1				X	X	X	X						X		X
KS1				X	X	X	X	X	X	X	X		X	X	
MD1				X	X	X	X	X	X					X	
MN1				X	X	X	X	X	X	X			X	X	
NC1		X	X	X	X	X	X	X	X	X	X		X		X
NJ1				X	X	X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X	X		X	X	
NJ3															
ON1					X	X	X	X	X	X					
TN1	X	X	X	X	X	X	X	X	X	X	X	X	X		
TN2	X	X	X	X	X	X	X	X	X	X	X	X	X		
UT1				X	X	X	X	X	X	X				X	
VA1					X	X	X	X	X	X					
WA1				X	X	X	X	X	X	X			X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2016

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	SUMMER PATCH	SEEDHEAD RATINGS	UNIFORMITY RATINGS	PERCENT RECOVERY FROM DROUGHT	LEAF RUST	SUMMER PATCH JULY AUGUST SEPTEMBER			
IA1								X								
IL1																
IL2																
IN1	X								X							
KS1																
MD1											X					
MN1								X		X						
NC1		X	X		X	X	X	X						X	X	X
NJ1																
NJ2																
* NJ3																
ON1																
TN1				X	X	X										
* TN2																
UT1										X						
VA1				X		X										
WA1												X				

* MORE DATA FOR NJ3 AND TN2 IN TABLE 9 AND 10.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN AT TWELVE LOCATIONS
2016 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ */												
	IA1	IL1	IN1	KS1	MD1	MN1	NJ1	NJ2	TN1	UT1	VA1	WA1	MEAN
A06-46	6.9	7.0	6.8	7.0	3.9	6.6	7.1	7.1	7.2	5.1	5.9	5.8	6.4
A00-2882	7.5	7.0	5.3	7.3	4.7	5.1	7.9	6.1	7.1	6.5	4.2	6.2	6.2
SRX 466	7.1	7.4	6.4	8.0	4.5	5.2	6.3	5.8	7.4	5.3	5.9	5.5	6.2
BLUE NOTE	7.1	7.0	7.0	6.6	4.7	6.9	6.2	6.7	7.3	4.2	4.7	6.1	6.2
SKYE	6.3	6.7	6.5	8.3	4.7	6.6	5.9	6.1	7.3	4.9	5.0	5.8	6.2
KEENELAND (A04-342)	7.2	6.7	4.8	8.0	4.1	4.8	6.1	6.8	7.1	5.7	6.2	6.4	6.1
BLUEBANK (A03-1017)	7.6	7.3	6.7	7.5	4.6	5.2	5.9	6.5	7.1	4.6	4.9	5.7	6.1
A05-360	6.8	7.1	6.3	6.5	4.6	5.4	7.8	6.0	7.0	5.2	5.5	5.4	6.1
BAR PP 110358	6.3	6.6	7.1	7.3	5.1	5.6	8.1	6.1	7.7	3.8	4.3	5.3	6.1
J-1770	7.4	7.1	5.8	7.6	4.4	5.5	6.1	6.7	7.0	5.1	4.4	5.7	6.1
SRX 4338	6.3	6.7	4.7	6.6	4.2	6.2	7.3	6.2	7.3	5.5	5.4	6.0	6.0
ENDURANCE (PST-K4-7)	6.5	7.3	5.2	7.2	4.1	6.5	7.4	5.5	7.0	5.1	4.3	6.0	6.0
PICK 033	6.9	7.4	6.7	7.0	4.1	4.2	6.4	6.0	7.1	5.3	5.9	4.5	6.0
CABERNET	6.7	7.2	6.3	6.0	4.7	5.8	6.0	5.5	7.1	5.0	5.7	5.5	6.0
SRX 2758	7.0	7.0	5.6	7.0	4.6	5.3	7.4	5.4	7.3	5.3	4.1	5.4	5.9
NU CHICAGO	7.1	7.1	5.4	7.2	4.1	5.7	5.5	6.0	7.2	5.2	4.7	6.0	5.9
ARROWHEAD	6.0	7.0	5.2	6.2	4.3	5.8	8.2	6.3	7.4	5.2	3.2	6.2	5.9
J-1136	7.4	7.2	5.8	6.8	4.3	5.6	5.6	6.5	7.1	5.4	3.5	5.9	5.9
J-1853	6.8	7.3	5.8	6.9	4.6	5.2	5.9	6.6	7.2	4.4	4.5	5.7	5.9
MAZAMA (A04-74)	6.7	7.0	6.0	7.7	4.2	4.7	5.8	6.0	7.2	5.7	3.9	5.8	5.9
A01-1106	7.6	6.9	4.4	7.4	4.6	4.5	7.7	6.0	7.4	5.4	3.1	5.6	5.9
SUDDEN IMPACT	6.8	6.8	6.2	8.2	4.4	5.2	6.4	6.3	7.2	4.8	2.4	5.5	5.8
A00-4199	6.6	7.0	6.8	6.3	3.5	5.4	7.0	5.9	7.0	5.1	3.3	6.1	5.8
AWARD	7.2	7.0	6.1	7.3	4.3	5.4	6.5	5.5	7.0	4.6	3.4	5.7	5.8
A05-361	6.4	7.0	5.8	6.8	4.3	5.2	6.0	6.1	7.1	4.6	4.7	5.8	5.8
MIDNIGHT	7.1	7.3	5.6	6.9	3.6	4.7	7.3	6.1	7.4	5.2	2.3	5.9	5.8
BARVETTE HGT (BAR VV 0709)	6.2	6.0	5.9	6.8	4.3	4.9	6.3	4.8	7.5	3.7	7.4	5.2	5.8
PST-T10-18	6.2	6.6	6.6	6.0	3.6	5.5	7.3	5.8	7.0	4.1	5.2	5.3	5.8
MERLOT (LTP-08-6)	7.2	7.0	5.5	6.4	3.4	6.0	5.1	6.0	7.2	4.7	4.3	6.1	5.8
PICK 4340	5.8	7.0	4.9	7.3	4.6	5.0	5.7	6.3	7.3	5.7	3.3	6.0	5.7
A04-38	6.2	6.7	6.3	5.9	4.2	5.3	6.7	5.8	7.3	3.9	4.6	6.0	5.7
OASIS (A98-344)	6.8	7.2	5.5	6.1	4.0	4.4	5.0	6.1	7.2	5.5	5.1	5.5	5.7
LEGEND (A10-1)	6.2	7.2	5.3	6.8	4.3	5.2	4.7	6.6	6.9	4.6	5.2	5.4	5.7
RUBIX (4S2W)	6.8	6.5	5.9	5.7	3.8	6.0	7.9	5.7	7.3	4.7	2.8	5.4	5.7
BOLT (H99-1653)	5.8	6.3	5.9	5.4	3.6	6.1	7.8	6.0	7.1	4.3	4.7	5.5	5.7
BURL 3-51	6.9	7.2	5.8	7.8	3.8	4.9	5.0	5.8	7.3	5.4	2.8	5.6	5.7
ARAMINTHA (PP 10847)	6.6	6.6	5.6	7.4	4.3	5.0	6.2	5.0	7.0	4.1	4.6	5.8	5.7
DAUNTLESS (A05-315)	6.4	6.5	5.8	7.3	3.6	5.5	6.7	5.4	7.1	4.3	3.8	5.6	5.7
A06-26	6.6	6.7	6.3	6.8	3.5	5.7	6.0	5.9	7.3	4.7	2.4	6.0	5.6
PST-K9-90	6.6	6.8	5.6	6.5	4.4	6.4	6.6	5.5	7.1	4.8	2.0	5.6	5.6
RAD-849	6.0	6.3	5.1	6.4	4.4	5.4	5.4	5.3	7.3	4.4	5.3	6.3	5.6
PICK TD8	6.6	6.9	5.5	6.9	3.7	5.5	6.3	5.5	7.3	5.3	2.2	5.9	5.6
A06-47	6.3	6.8	5.6	6.8	3.8	5.0	6.7	5.3	7.3	4.8	3.5	5.8	5.6
AMERICA	6.6	6.7	6.5	7.1	4.3	4.9	5.3	5.5	7.1	4.5	3.5	5.3	5.6
BURL 06-11	5.8	7.0	6.4	6.8	3.8	5.5	6.0	5.3	7.2	4.6	3.4	5.8	5.6
BLUE COAT (AKB 2282)	6.3	6.3	5.7	6.6	4.4	4.9	5.7	5.3	6.9	5.2	3.7	5.8	5.6
RUSH	6.9	7.0	5.1	6.9	3.7	5.0	7.7	4.3	6.9	5.8	1.8	5.9	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN AT TWELVE LOCATIONS
2016 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ */												
	IA1	IL1	IN1	KS1	MD1	MN1	NJ1	NJ2	TN1	UT1	VA1	WA1	MEAN
AO4-36	6.9	6.5	6.1	6.2	3.3	5.1	6.1	6.0	7.2	3.9	3.6	5.5	5.5
BAR 8PP 504	5.8	6.0	5.8	7.2	3.9	4.3	7.0	4.8	6.8	4.3	4.7	5.7	5.5
RAD-507	6.2	6.8	5.8	6.3	3.4	5.6	5.2	5.4	7.3	4.9	3.9	5.7	5.5
SR 2150 (SRX 5321)	6.7	6.5	6.3	5.6	3.8	5.8	6.2	5.4	7.3	4.5	2.8	5.6	5.5
A98-363	6.3	6.7	6.3	6.0	4.3	4.6	5.1	4.6	7.2	4.5	4.9	5.5	5.5
JACKRABBIT (PST-K10-106D)	6.5	6.8	4.7	6.3	4.3	4.4	6.9	4.9	7.2	4.3	3.3	6.3	5.5
RAD-1492	6.6	6.5	5.8	5.4	4.3	5.2	5.8	4.6	7.3	5.1	3.8	5.4	5.5
3733	6.8	6.2	4.7	7.1	4.2	4.2	6.4	4.6	7.1	5.0	4.3	5.1	5.5
EMPIRE	7.0	7.0	5.2	6.6	2.9	5.2	5.0	6.5	7.1	4.4	2.5	5.9	5.4
A05-TB-382	6.9	6.1	6.2	6.5	3.4	4.8	5.2	5.0	7.2	4.3	4.6	5.0	5.4
PST-K9-97	6.7	6.6	4.8	6.7	3.9	4.8	7.1	5.0	7.2	4.4	2.8	5.1	5.4
ZINGER (A05-306)	5.9	6.7	5.8	7.1	4.0	4.7	5.2	4.8	6.8	3.7	3.9	5.9	5.4
A05-999	6.3	6.6	5.2	5.8	4.3	4.6	8.0	4.5	7.2	4.1	3.0	5.1	5.4
BAR PP 119326	6.3	6.7	5.4	5.8	3.7	4.8	6.8	4.8	7.0	4.1	4.0	5.1	5.4
SHAMROCK	6.4	6.2	6.1	6.2	3.7	5.0	5.7	4.8	7.3	4.0	3.3	5.6	5.4
THERMAL BLUE	6.6	6.4	5.7	6.4	3.5	4.4	6.2	4.2	6.9	4.0	4.4	5.3	5.3
BAR VV 112916	6.8	5.8	5.3	5.4	3.9	5.0	6.7	4.7	7.2	3.0	5.0	5.1	5.3
BAR 12PP 612	6.6	5.9	3.8	6.5	3.8	4.1	5.6	5.1	7.2	5.6	3.5	6.2	5.3
BAR VV 118532	6.6	6.5	5.7	5.7	3.6	5.1	4.7	4.9	7.1	4.2	4.1	5.2	5.3
ZEDOR (PPH 9131)	6.3	6.4	4.8	6.8	3.6	4.0	5.5	5.3	6.9	4.8	3.3	5.5	5.3
BARDUKE	6.6	6.5	5.2	6.0	3.8	3.8	5.6	5.0	7.2	4.2	3.6	5.5	5.2
AVID	6.7	7.2	4.8	4.9	.	4.5	5.0	6.4	7.1	2.9	2.4	6.0	5.2
PST-K4-3	6.4	7.0	4.8	6.1	3.5	4.7	6.2	4.8	7.1	4.4	2.4	5.3	5.2
LUNAR (PST-07-261)	6.2	6.5	4.4	6.1	3.5	4.5	6.2	4.6	7.3	4.8	3.1	5.4	5.2
BARON	6.4	6.3	5.0	5.9	3.7	4.0	6.4	4.8	7.0	4.8	2.4	5.8	5.2
BAR PP 119327	6.1	6.7	5.3	6.0	3.2	3.3	6.4	4.7	7.0	4.2	3.6	6.0	5.2
AKB 2555	6.7	6.2	4.5	6.5	3.8	4.3	6.0	4.5	7.1	4.8	2.3	5.7	5.2
GEISHA (DPPP818)	6.4	6.6	5.4	6.5	3.6	4.0	6.1	4.0	7.0	4.1	2.9	5.5	5.2
PST-K9-99	6.1	6.8	4.5	5.5	3.4	4.5	6.6	5.0	7.1	4.0	2.2	5.9	5.1
WATERWORKS (A05-204)	6.4	6.5	5.1	7.1	3.7	4.6	3.9	5.2	7.0	3.9	2.9	4.9	5.1
BLACKJACK	6.5	6.1	4.8	6.0	3.3	3.8	6.1	4.6	7.1	4.4	3.0	5.2	5.1
PICK MP07	5.9	6.2	4.9	5.5	3.5	4.5	6.2	4.7	7.0	3.6	3.8	4.6	5.0
PICK TD9	6.2	6.0	5.1	6.0	3.8	5.4	4.3	4.0	7.0	4.5	2.4	5.8	5.0
A05-329	6.7	6.7	4.3	5.5	3.4	4.0	4.2	4.5	7.2	5.1	3.5	5.1	5.0
KENBLUE	6.1	5.4	3.9	4.9	2.8	3.2	4.2	3.0	7.3	2.9	6.4	4.2	4.5
LSD VALUE	0.9	0.6	1.1	1.7	0.9	1.0	1.7	0.9	0.4	1.2	2.6	0.7	0.4
C.V. (%)	8.4	5.5	12.7	16.1	13.8	12.0	17.2	10.5	3.1	16.2	40.6	8.2	13.9

* COMMERCIALY AVAILABLE IN THE USA IN 2017.

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. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT EIGHT LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A"
2016 DATA

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

NAME	IL1	KS1	MN1	NJ1	NJ2	TN1	VA1	WA1	MEAN
A06-46	7.0	7.0	6.6	7.1	7.1	7.2	5.9	5.8	6.7
KEENELAND (A04-342)	6.7	8.0	4.8	6.1	6.8	7.1	6.2	6.4	6.5
SKYE	6.7	8.3	6.6	5.9	6.1	7.3	5.0	5.8	6.5
SRX 4338	6.7	6.6	6.2	7.3	6.2	7.3	5.4	6.0	6.5
SRX 466	7.4	8.0	5.2	6.3	5.8	7.4	5.9	5.5	6.4
BLUE NOTE	7.0	6.6	6.9	6.2	6.7	7.3	4.7	6.1	6.4
ENDURANCE (PST-K4-7)	7.3	7.2	6.5	7.4	5.5	7.0	4.3	6.0	6.4
BAR PP 110358	6.6	7.3	5.6	8.1	6.1	7.7	4.3	5.3	6.4
A00-2882	7.0	7.3	5.1	7.9	6.1	7.1	4.2	6.2	6.4
A05-360	7.1	6.5	5.4	7.8	6.0	7.0	5.5	5.4	6.3
ARROWHEAD	7.0	6.2	5.8	8.2	6.3	7.4	3.2	6.2	6.3
BLUEBANK (A03-1017)	7.3	7.5	5.2	5.9	6.5	7.1	4.9	5.7	6.3
J-1770	7.1	7.6	5.5	6.1	6.7	7.0	4.4	5.7	6.3
NU CHICAGO	7.1	7.2	5.7	5.5	6.0	7.2	4.7	6.0	6.2
J-1853	7.3	6.9	5.2	5.9	6.6	7.2	4.5	5.7	6.2
BARVETTE HGT (BAR VV 0709)	6.0	6.8	4.9	6.3	4.8	7.5	7.4	5.2	6.1
BOLT (H99-1653)	6.3	5.4	6.1	7.8	6.0	7.1	4.7	5.5	6.1
SRX 2758	7.0	7.0	5.3	7.4	5.4	7.3	4.1	5.4	6.1
CABERNET	7.2	6.0	5.8	6.0	5.5	7.1	5.7	5.5	6.1
A05-361	7.0	6.8	5.2	6.0	6.1	7.1	4.7	5.8	6.1
PICK 033	7.4	7.0	4.2	6.4	6.0	7.1	5.9	4.5	6.1
PST-T10-18	6.6	6.0	5.5	7.3	5.8	7.0	5.2	5.3	6.1
A01-1106	6.9	7.4	4.5	7.7	6.0	7.4	3.1	5.6	6.1
MERLOT (LTP-08-6)	7.0	6.4	6.0	5.1	6.0	7.2	4.3	6.1	6.0
A04-38	6.7	5.9	5.3	6.7	5.8	7.3	4.6	6.0	6.0
J-1136	7.2	6.8	5.6	5.6	6.5	7.1	3.5	5.9	6.0
LEGEND (A10-1)	7.2	6.8	5.2	4.7	6.6	6.9	5.2	5.4	6.0
A00-4199	7.0	6.3	5.4	7.0	5.9	7.0	3.3	6.1	6.0
MAZAMA (A04-74)	7.0	7.7	4.7	5.8	6.0	7.2	3.9	5.8	6.0
SUDDEN IMPACT	6.8	8.2	5.2	6.4	6.3	7.2	2.4	5.5	6.0
DAUNTLESS (A05-315)	6.5	7.3	5.5	6.7	5.4	7.1	3.8	5.6	6.0
MIDNIGHT	7.3	6.9	4.7	7.3	6.1	7.4	2.3	5.9	6.0
PICK 4340	7.0	7.3	5.0	5.7	6.3	7.3	3.3	6.0	6.0
RAD-849	6.3	6.4	5.4	5.4	5.3	7.3	5.3	6.3	6.0
AWARD	7.0	7.3	5.4	6.5	5.5	7.0	3.4	5.7	6.0
ARAMINTHA (PP 10847)	6.6	7.4	5.0	6.2	5.0	7.0	4.6	5.8	6.0
RUBIX (4S2W)	6.5	5.7	6.0	7.9	5.7	7.3	2.8	5.4	5.9
A06-47	6.8	6.8	5.0	6.7	5.3	7.3	3.5	5.8	5.9
BURL 06-11	7.0	6.8	5.5	6.0	5.3	7.2	3.4	5.8	5.9
OASIS (A98-344)	7.2	6.1	4.4	5.0	6.1	7.2	5.1	5.5	5.8
A06-26	6.7	6.8	5.7	6.0	5.9	7.3	2.4	6.0	5.8
BAR 8PP 504	6.0	7.2	4.3	7.0	4.8	6.8	4.7	5.7	5.8
PICK TD8	6.9	6.9	5.5	6.3	5.5	7.3	2.2	5.9	5.8
PST-K9-90	6.8	6.5	6.4	6.6	5.5	7.1	2.0	5.6	5.8

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN AT EIGHT LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE A"
 2016 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								MEAN
	IL1	KS1	MN1	NJ1	NJ2	TN1	VA1	WA1	
BURL 3-51	7.2	7.8	4.9	5.0	5.8	7.3	2.8	5.6	5.8
A04-36	6.5	6.2	5.1	6.1	6.0	7.2	3.6	5.5	5.8
RAD-507	6.8	6.3	5.6	5.2	5.4	7.3	3.9	5.7	5.8
JACKRABBIT (PST-K10-106D)	6.8	6.3	4.4	6.9	4.9	7.2	3.3	6.3	5.8
EMPIRE	7.0	6.6	5.2	5.0	6.5	7.1	2.5	5.9	5.7
AMERICA	6.7	7.1	4.9	5.3	5.5	7.1	3.5	5.3	5.7
RUSH	7.0	6.9	5.0	7.7	4.3	6.9	1.8	5.9	5.7
PST-K9-97	6.6	6.7	4.8	7.1	5.0	7.2	2.8	5.1	5.7
BLUE COAT (AKB 2282)	6.3	6.6	4.9	5.7	5.3	6.9	3.7	5.8	5.7
ZINGER (A05-306)	6.7	7.1	4.7	5.2	4.8	6.8	3.9	5.9	5.6
SR 2150 (SRX 5321)	6.5	5.6	5.8	6.2	5.4	7.3	2.8	5.6	5.6
3733	6.2	7.1	4.2	6.4	4.6	7.1	4.3	5.1	5.6
BAR VV 112916	5.8	5.4	5.0	6.7	4.7	7.2	5.0	5.1	5.6
BAR PP 119326	6.7	5.8	4.8	6.8	4.8	7.0	4.0	5.1	5.6
A05-999	6.6	5.8	4.6	8.0	4.5	7.2	3.0	5.1	5.6
A98-363	6.7	6.0	4.6	5.1	4.6	7.2	4.9	5.5	5.6
A05-TB-382	6.1	6.5	4.8	5.2	5.0	7.2	4.6	5.0	5.5
THERMAL BLUE	6.4	6.4	4.4	6.2	4.2	6.9	4.4	5.3	5.5
BAR 12PP 612	5.9	6.5	4.1	5.6	5.1	7.2	3.5	6.2	5.5
SHAMROCK	6.2	6.2	5.0	5.7	4.8	7.3	3.3	5.6	5.5
RAD-1492	6.5	5.4	5.2	5.8	4.6	7.3	3.8	5.4	5.5
ZEDOR (PPH 9131)	6.4	6.8	4.0	5.5	5.3	6.9	3.3	5.5	5.5
PST-K4-3	7.0	6.1	4.7	6.2	4.8	7.1	2.4	5.3	5.5
BAR PP 119327	6.7	6.0	3.3	6.4	4.7	7.0	3.6	6.0	5.5
LUNAR (PST-07-261)	6.5	6.1	4.5	6.2	4.6	7.3	3.1	5.4	5.5
PST-K9-99	6.8	5.5	4.5	6.6	5.0	7.1	2.2	5.9	5.4
AVID	7.2	4.9	4.5	5.0	6.4	7.1	2.4	6.0	5.4
BAR VV 118532	6.5	5.7	5.1	4.7	4.9	7.1	4.1	5.2	5.4
BARDUKE	6.5	6.0	3.8	5.6	5.0	7.2	3.6	5.5	5.4
GEISHA (DPPP818)	6.6	6.5	4.0	6.1	4.0	7.0	2.9	5.5	5.3
PICK MP07	6.2	5.5	4.5	6.2	4.7	7.0	3.8	4.6	5.3
BARON	6.3	5.9	4.0	6.4	4.8	7.0	2.4	5.8	5.3
AKB 2555	6.2	6.5	4.3	6.0	4.5	7.1	2.3	5.7	5.3
WATERWORKS (A05-204)	6.5	7.1	4.6	3.9	5.2	7.0	2.9	4.9	5.3
BLACKJACK	6.1	6.0	3.8	6.1	4.6	7.1	3.0	5.2	5.2
PICK TD9	6.0	6.0	5.4	4.3	4.0	7.0	2.4	5.8	5.1
A05-329	6.7	5.5	4.0	4.2	4.5	7.2	3.5	5.1	5.1
KENBLUE	5.4	4.9	3.2	4.2	3.0	7.3	6.4	4.2	4.8
LSD VALUE	0.6	1.7	1.0	1.7	0.9	0.4	2.6	0.7	0.5
C.V. (%)	5.5	16.1	12.0	17.2	10.5	3.1	40.6	8.2	14.5

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

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

*/ SCHEDULE A : MEDIUM MAINTENANCE WITH 1.5-2.5" MOWING HEIGHT, 3-4 lbs. N/1000 FT²/YEAR, IRRIGATION TO PREVENT STRESS OR DORMANCY.

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN AT FOUR LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" *
 2016 DATA

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

NAME	IA1	IN1	MD1	UT1	MEAN
A00-2882	7.5	5.3	4.7	6.5	6.0
BLUEBANK (A03-1017)	7.6	6.7	4.6	4.6	5.9
SRX 466	7.1	6.4	4.5	5.3	5.8
BLUE NOTE	7.1	7.0	4.7	4.2	5.8
PICK 033	6.9	6.7	4.1	5.3	5.8
J-1136	7.4	5.8	4.3	5.4	5.7
A05-360	6.8	6.3	4.6	5.2	5.7
CABERNET	6.7	6.3	4.7	5.0	5.7
A06-46	6.9	6.8	3.9	5.1	5.7
J-1770	7.4	5.8	4.4	5.1	5.7
MAZAMA (A04-74)	6.7	6.0	4.2	5.7	5.7
SRX 2758	7.0	5.6	4.6	5.3	5.6
SKYE	6.3	6.5	4.7	4.9	5.6
BAR PP 110358	6.3	7.1	5.1	3.8	5.6
AWARD	7.2	6.1	4.3	4.6	5.6
SUDDEN IMPACT	6.8	6.2	4.4	4.8	5.5
A01-1106	7.6	4.4	4.6	5.4	5.5
A00-4199	6.6	6.8	3.5	5.1	5.5
BURL 3-51	6.9	5.8	3.8	5.4	5.5
RAD-1492	6.6	5.8	4.3	5.1	5.5
AMERICA	6.6	6.5	4.3	4.5	5.5
NU CHICAGO	7.1	5.4	4.1	5.2	5.5
OASIS (A98-344)	6.8	5.5	4.0	5.5	5.5
KEENELAND (A04-342)	7.2	4.8	4.1	5.7	5.4
BLUE COAT (AKB 2282)	6.3	5.7	4.4	5.2	5.4
J-1853	6.8	5.8	4.6	4.4	5.4
RUSH	6.9	5.1	3.7	5.8	5.4
MIDNIGHT	7.1	5.6	3.6	5.2	5.4
A98-363	6.3	6.3	4.3	4.5	5.4
PST-K9-90	6.6	5.6	4.4	4.8	5.3
SR 2150 (SRX 5321)	6.7	6.3	3.8	4.5	5.3
A05-361	6.4	5.8	4.3	4.6	5.3
RUBIX (4S2W)	6.8	5.9	3.8	4.7	5.3
PICK TD8	6.6	5.5	3.7	5.3	5.3
A06-26	6.6	6.3	3.5	4.7	5.3
PICK 4340	5.8	4.9	4.6	5.7	5.2
ENDURANCE (PST-K4-7)	6.5	5.2	4.1	5.1	5.2
A05-TB-382	6.9	6.2	3.4	4.3	5.2
MERLOT (LTP-08-6)	7.2	5.5	3.4	4.7	5.2
ARROWHEAD	6.0	5.2	4.3	5.2	5.2
SRX 4338	6.3	4.7	4.2	5.5	5.2
ARAMINTHA (PP 10847)	6.6	5.6	4.3	4.1	5.2
3733	6.8	4.7	4.2	5.0	5.2
BURL 06-11	5.8	6.4	3.8	4.6	5.1

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" **
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	IA1	IN1	MD1	UT1	MEAN
A04-38	6.2	6.3	4.2	3.9	5.1
PST-T10-18	6.2	6.6	3.6	4.1	5.1
A06-47	6.3	5.6	3.8	4.8	5.1
LEGEND (A10-1)	6.2	5.3	4.3	4.6	5.1
RAD-507	6.2	5.8	3.4	4.9	5.1
A04-36	6.9	6.1	3.3	3.9	5.1
BARVETTE HGT (BAR VV 0709)	6.2	5.9	4.3	3.7	5.0
SHAMROCK	6.4	6.1	3.7	4.0	5.0
DAUNTLESS (A05-315)	6.4	5.8	3.6	4.3	5.0
BAR VV 118532	6.6	5.7	3.6	4.2	5.0
RAD-849	6.0	5.1	4.4	4.4	5.0
BARON	6.4	5.0	3.7	4.8	5.0
A05-999	6.3	5.2	4.3	4.1	5.0
BAR 8PP 504	5.8	5.8	3.9	4.3	5.0
BARDUKE	6.6	5.2	3.8	4.2	4.9
AKB 2555	6.7	4.5	3.8	4.8	4.9
BAR 12PP 612	6.6	3.8	3.8	5.6	4.9
PST-K9-97	6.7	4.8	3.9	4.4	4.9
JACKRABBIT (PST-K10-106D)	6.5	4.7	4.3	4.3	4.9
THERMAL BLUE	6.6	5.7	3.5	4.0	4.9
PICK TD9	6.2	5.1	3.8	4.5	4.9
GEISHA (DPPP818)	6.4	5.4	3.6	4.1	4.9
BOLT (H99-1653)	5.8	5.9	3.6	4.3	4.9
EMPIRE	7.0	5.2	2.9	4.4	4.9
A05-329	6.7	4.3	3.4	5.1	4.9
BAR PP 119326	6.3	5.4	3.7	4.1	4.9
ZEDOR (PPH 9131)	6.3	4.8	3.6	4.8	4.9
ZINGER (A05-306)	5.9	5.8	4.0	3.7	4.9
PST-K4-3	6.4	4.8	3.5	4.4	4.8
WATERWORKS (A05-204)	6.4	5.1	3.7	3.9	4.8
BAR VV 112916	6.8	5.3	3.9	3.0	4.8
BLACKJACK	6.5	4.8	3.3	4.4	4.8
AVID	6.7	4.8	.	2.9	4.8
LUNAR (PST-07-261)	6.2	4.4	3.5	4.8	4.7
BAR PP 119327	6.1	5.3	3.2	4.2	4.7
PST-K9-99	6.1	4.5	3.4	4.0	4.5
PICK MP07	5.9	4.9	3.5	3.6	4.5
KENBLUE	6.1	3.9	2.8	2.9	3.9
LSD VALUE	0.9	1.1	0.9	1.2	0.5
C.V. (%)	8.4	12.7	13.8	16.2	12.4

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.

*/ SCHEDULE B : LOW MAINTENANCE WITH 3+" MOWING HEIGHT, 0-2 lbs. N/1000 FT2/YEAR, NO IRRIGATION AFTER ESTABLISHMENT.

TABLE 4.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE NORTHEAST REGION
2016 DATA

			TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	NJ1	NJ2	MEAN	NAME	NJ1	NJ2	MEAN	
ARROWHEAD	8.2	6.3	7.2	BAR PP 119326	6.8	4.8	5.8	
BAR PP 110358	8.1	6.1	7.1	CABERNET	6.0	5.5	5.8	
A06-46	7.1	7.1	7.1	EMPIRE	5.0	6.5	5.8	
A00-2882	7.9	6.1	7.0	NU CHICAGO	5.5	6.0	5.8	
BOLT (H99-1653)	7.8	6.0	6.9	BAR VV 112916	6.7	4.7	5.7	
A01-1106	7.7	6.0	6.9	LEGEND (A10-1)	4.7	6.6	5.7	
A05-360	7.8	6.0	6.9	AVID	5.0	6.4	5.7	
RUBIX (4S2W)	7.9	5.7	6.8	BURL 06-11	6.0	5.3	5.6	
SRX 4338	7.3	6.2	6.7	ARAMINTHA (PP 10847)	6.2	5.0	5.6	
MIDNIGHT	7.3	6.1	6.7	BARON	6.4	4.8	5.6	
PST-T10-18	7.3	5.8	6.5	OASIS (A98-344)	5.0	6.1	5.6	
A00-4199	7.0	5.9	6.5	MERLOT (LTP-08-6)	5.1	6.0	5.6	
BLUE NOTE	6.2	6.7	6.4	BAR PP 119327	6.4	4.7	5.5	
KEENELAND (A04-342)	6.1	6.8	6.4	BARVETTE HGT (BAR VV 0709)	6.3	4.8	5.5	
ENDURANCE (PST-K4-7)	7.4	5.5	6.4	3733	6.4	4.6	5.5	
J-1770	6.1	6.7	6.4	BLUE COAT (AKB 2282)	5.7	5.3	5.5	
SRX 2758	7.4	5.4	6.4	PST-K4-3	6.2	4.8	5.5	
SUDDEN IMPACT	6.4	6.3	6.4	PICK MP07	6.2	4.7	5.4	
J-1853	5.9	6.6	6.3	AMERICA	5.3	5.5	5.4	
PICK 033	6.4	6.0	6.2	ZEDOR (PPH 9131)	5.5	5.3	5.4	
A04-38	6.7	5.8	6.2	BURL 3-51	5.0	5.8	5.4	
A05-999	8.0	4.5	6.2	LUNAR (PST-07-261)	6.2	4.6	5.4	
BLUEBANK (A03-1017)	5.9	6.5	6.2	BAR 12PP 612	5.6	5.1	5.4	
PST-K9-97	7.1	5.0	6.1	RAD-849	5.4	5.3	5.4	
A04-36	6.1	6.0	6.0	BLACKJACK	6.1	4.6	5.3	
DAUNTLESS (A05-315)	6.7	5.4	6.0	BARDUKE	5.6	5.0	5.3	
SRX 466	6.3	5.8	6.0	RAD-507	5.2	5.4	5.3	
PST-K9-90	6.6	5.5	6.0	AKB 2555	6.0	4.5	5.3	
A05-361	6.0	6.1	6.0	SHAMROCK	5.7	4.8	5.3	
J-1136	5.6	6.5	6.0	THERMAL BLUE	6.2	4.2	5.2	
SKYE	5.9	6.1	6.0	RAD-1492	5.8	4.6	5.2	
AWARD	6.5	5.5	6.0	A05-TB-382	5.2	5.0	5.1	
A06-47	6.7	5.3	6.0	GEISHA (DPPP818)	6.1	4.0	5.1	
RUSH	7.7	4.3	6.0	ZINGER (A05-306)	5.2	4.8	5.0	
PICK 4340	5.7	6.3	6.0	A98-363	5.1	4.6	4.8	
PICK TD8	6.3	5.5	5.9	BAR VV 118532	4.7	4.9	4.8	
BAR 8PP 504	7.0	4.8	5.9	WATERWORKS (A05-204)	3.9	5.2	4.6	
A06-26	6.0	5.9	5.9	A05-329	4.2	4.5	4.4	
JACKRABBIT (PST-K10-106D)	6.9	4.9	5.9	PICK TD9	4.3	4.0	4.2	
MAZAMA (A04-74)	5.8	6.0	5.9	KENBLUE	4.2	3.0	3.6	
PST-K9-99	6.6	5.0	5.8					
SR 2150 (SRX 5321)	6.2	5.4	5.8	LSD VALUE	1.7	0.9	1.0	
				C.V. (%)	17.2	10.5	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 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE TRANSITION REGION
2016 DATA

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

NAME	KS1	MD1	TN1	VA1	MEAN
BARVETTE HGT (BAR VV 0709)	6.8	4.3	7.5	7.4	6.5
SRX 466	8.0	4.5	7.4	5.9	6.5
SKYE	8.3	4.7	7.3	5.0	6.3
KEENELAND (A04-342)	8.0	4.1	7.1	6.2	6.3
BAR PP 110358	7.3	5.1	7.7	4.3	6.1
BLUEBANK (A03-1017)	7.5	4.6	7.1	4.9	6.1
PICK 033	7.0	4.1	7.1	5.9	6.0
A06-46	7.0	3.9	7.2	5.9	6.0
A05-360	6.5	4.6	7.0	5.5	5.9
SRX 4338	6.6	4.2	7.3	5.4	5.9
CABERNET	6.0	4.7	7.1	5.7	5.9
RAD-849	6.4	4.4	7.3	5.3	5.9
J-1770	7.6	4.4	7.0	4.4	5.8
ARAMINTHA (PP 10847)	7.4	4.3	7.0	4.6	5.8
A00-2882	7.3	4.7	7.1	4.2	5.8
BLUE NOTE	6.6	4.7	7.3	4.7	5.8
J-1853	6.9	4.6	7.2	4.5	5.8
NU CHICAGO	7.2	4.1	7.2	4.7	5.8
LEGEND (A10-1)	6.8	4.3	6.9	5.2	5.8
MAZAMA (A04-74)	7.7	4.2	7.2	3.9	5.8
SRX 2758	7.0	4.6	7.3	4.1	5.7
A05-361	6.8	4.3	7.1	4.7	5.7
3733	7.1	4.2	7.1	4.3	5.7
BAR 8PP 504	7.2	3.9	6.8	4.7	5.7
ENDURANCE (PST-K4-7)	7.2	4.1	7.0	4.3	5.7
A01-1106	7.4	4.6	7.4	3.1	5.6
OASIS (A98-344)	6.1	4.0	7.2	5.1	5.6
A98-363	6.0	4.3	7.2	4.9	5.6
PICK 4340	7.3	4.6	7.3	3.3	5.6
SUDDEN IMPACT	8.2	4.4	7.2	2.4	5.5
AMERICA	7.1	4.3	7.1	3.5	5.5
AWARD	7.3	4.3	7.0	3.4	5.5
A04-38	5.9	4.2	7.3	4.6	5.5
ZINGER (A05-306)	7.1	4.0	6.8	3.9	5.5
PST-T10-18	6.0	3.6	7.0	5.2	5.4
DAUNTLESS (A05-315)	7.3	3.6	7.1	3.8	5.4
A05-TB-382	6.5	3.4	7.2	4.6	5.4
BLUE COAT (AKB 2282)	6.6	4.4	6.9	3.7	5.4
BURL 3-51	7.8	3.8	7.3	2.8	5.4
J-1136	6.8	4.3	7.1	3.5	5.4
BAR VV 112916	5.4	3.9	7.2	5.0	5.4
KENBLUE	4.9	2.8	7.3	6.4	5.4
A06-47	6.8	3.8	7.3	3.5	5.3
MERLOT (LTP-08-6)	6.4	3.4	7.2	4.3	5.3

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT FOUR LOCATIONS 1/
IN THE TRANSITION REGION
2016 DATA

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

NAME	KS1	MD1	TN1	VA1	MEAN
THERMAL BLUE	6.4	3.5	6.9	4.4	5.3
BURL 06-11	6.8	3.8	7.2	3.4	5.3
ARROWHEAD	6.2	4.3	7.4	3.2	5.3
JACKRABBIT (PST-K10-106D)	6.3	4.3	7.2	3.3	5.3
BAR 12PP 612	6.5	3.8	7.2	3.5	5.3
RAD-507	6.3	3.4	7.3	3.9	5.2
WATERWORKS (A05-204)	7.1	3.7	7.0	2.9	5.2
RAD-1492	5.4	4.3	7.3	3.8	5.2
BOLT (H99-1653)	5.4	3.6	7.1	4.7	5.2
PST-K9-97	6.7	3.9	7.2	2.8	5.1
BARDUKE	6.0	3.8	7.2	3.6	5.1
ZEDOR (PPH 9131)	6.8	3.6	6.9	3.3	5.1
SHAMROCK	6.2	3.7	7.3	3.3	5.1
BAR VV 118532	5.7	3.6	7.1	4.1	5.1
BAR PP 119326	5.8	3.7	7.0	4.0	5.1
A04-36	6.2	3.3	7.2	3.6	5.1
A05-999	5.8	4.3	7.2	3.0	5.1
MIDNIGHT	6.9	3.6	7.4	2.3	5.0
PICK TD8	6.9	3.7	7.3	2.2	5.0
A00-4199	6.3	3.5	7.0	3.3	5.0
LUNAR (PST-07-261)	6.1	3.5	7.3	3.1	5.0
GEISHA (DPPP818)	6.5	3.6	7.0	2.9	5.0
PST-K9-90	6.5	4.4	7.1	2.0	5.0
A06-26	6.8	3.5	7.3	2.4	5.0
PICK MP07	5.5	3.5	7.0	3.8	5.0
AKB 2555	6.5	3.8	7.1	2.3	4.9
BAR PP 119327	6.0	3.2	7.0	3.6	4.9
A05-329	5.5	3.4	7.2	3.5	4.9
RUBIX (4S2W)	5.7	3.8	7.3	2.8	4.9
BLACKJACK	6.0	3.3	7.1	3.0	4.9
SR 2150 (SRX 5321)	5.6	3.8	7.3	2.8	4.9
RUSH	6.9	3.7	6.9	1.8	4.8
PICK TD9	6.0	3.8	7.0	2.4	4.8
PST-K4-3	6.1	3.5	7.1	2.4	4.8
AVID	4.9	.	7.1	2.4	4.8
EMPIRE	6.6	2.9	7.1	2.5	4.8
BARON	5.9	3.7	7.0	2.4	4.7
PST-K9-99	5.5	3.4	7.1	2.2	4.5
LSD VALUE	1.7	0.9	0.4	2.6	0.8
C.V. (%)	16.1	13.8	3.1	40.6	18.1

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 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2016 DATA

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

NAME	IA1	IL1	IN1	MN1	MEAN
BLUE NOTE	7.1	7.0	7.0	6.9	7.0
A06-46	6.9	7.0	6.8	6.6	6.8
BLUEBANK (A03-1017)	7.6	7.3	6.7	5.2	6.7
SRX 466	7.1	7.4	6.4	5.2	6.5
SKYE	6.3	6.7	6.5	6.6	6.5
J-1136	7.4	7.2	5.8	5.6	6.5
CABERNET	6.7	7.2	6.3	5.8	6.5
A00-4199	6.6	7.0	6.8	5.4	6.5
MERLOT (LTP-08-6)	7.2	7.0	5.5	6.0	6.4
J-1770	7.4	7.1	5.8	5.5	6.4
AWARD	7.2	7.0	6.1	5.4	6.4
BAR PP 110358	6.3	6.6	7.1	5.6	6.4
A05-360	6.8	7.1	6.3	5.4	6.4
ENDURANCE (PST-K4-7)	6.5	7.3	5.2	6.5	6.4
NU CHICAGO	7.1	7.1	5.4	5.7	6.3
A06-26	6.6	6.7	6.3	5.7	6.3
PST-K9-90	6.6	6.8	5.6	6.4	6.3
SR 2150 (SRX 5321)	6.7	6.5	6.3	5.8	6.3
RUBIX (4S2W)	6.8	6.5	5.9	6.0	6.3
PICK 033	6.9	7.4	6.7	4.2	6.3
J-1853	6.8	7.3	5.8	5.2	6.3
A00-2882	7.5	7.0	5.3	5.1	6.2
SRX 2758	7.0	7.0	5.6	5.3	6.2
SUDDEN IMPACT	6.8	6.8	6.2	5.2	6.2
BURL 3-51	6.9	7.2	5.8	4.9	6.2
PST-T10-18	6.2	6.6	6.6	5.5	6.2
MIDNIGHT	7.1	7.3	5.6	4.7	6.2
BURL 06-11	5.8	7.0	6.4	5.5	6.2
A04-36	6.9	6.5	6.1	5.1	6.2
AMERICA	6.6	6.7	6.5	4.9	6.2
A05-361	6.4	7.0	5.8	5.2	6.1
A04-38	6.2	6.7	6.3	5.3	6.1
PICK TD8	6.6	6.9	5.5	5.5	6.1
EMPIRE	7.0	7.0	5.2	5.2	6.1
MAZAMA (A04-74)	6.7	7.0	6.0	4.7	6.1
RAD-507	6.2	6.8	5.8	5.6	6.1
DAUNTLESS (A05-315)	6.4	6.5	5.8	5.5	6.1
BOLT (H99-1653)	5.8	6.3	5.9	6.1	6.0
RAD-1492	6.6	6.5	5.8	5.2	6.0
ARROWHEAD	6.0	7.0	5.2	5.8	6.0
RUSH	6.9	7.0	5.1	5.0	6.0
A05-TB-382	6.9	6.1	6.2	4.8	6.0
OASIS (A98-344)	6.8	7.2	5.5	4.4	6.0
LEGEND (A10-1)	6.2	7.2	5.3	5.2	6.0

TABLE 6.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FOUR LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	IA1	IL1	IN1	MN1	MEAN
A98-363	6.3	6.7	6.3	4.6	6.0
BAR VV 118532	6.6	6.5	5.7	5.1	6.0
ARAMINTHA (PP 10847)	6.6	6.6	5.6	5.0	6.0
SRX 4338	6.3	6.7	4.7	6.2	6.0
SHAMROCK	6.4	6.2	6.1	5.0	5.9
A06-47	6.3	6.8	5.6	5.0	5.9
KEENELAND (A04-342)	7.2	6.7	4.8	4.8	5.9
A01-1106	7.6	6.9	4.4	4.5	5.8
BLUE COAT (AKB 2282)	6.3	6.3	5.7	4.9	5.8
BAR PP 119326	6.3	6.7	5.4	4.8	5.8
ZINGER (A05-306)	5.9	6.7	5.8	4.7	5.8
THERMAL BLUE	6.6	6.4	5.7	4.4	5.8
AVID	6.7	7.2	4.8	4.5	5.8
BARVETTE HGT (BAR VV 0709)	6.2	6.0	5.9	4.9	5.8
PST-K4-3	6.4	7.0	4.8	4.7	5.7
BAR VV 112916	6.8	5.8	5.3	5.0	5.7
RAD-849	6.0	6.3	5.1	5.4	5.7
PST-K9-97	6.7	6.6	4.8	4.8	5.7
PICK 4340	5.8	7.0	4.9	5.0	5.7
PICK TD9	6.2	6.0	5.1	5.4	5.7
A05-999	6.3	6.6	5.2	4.6	5.7
WATERWORKS (A05-204)	6.4	6.5	5.1	4.6	5.6
GEISHA (DPPP818)	6.4	6.6	5.4	4.0	5.6
JACKRABBIT (PST-K10-106D)	6.5	6.8	4.7	4.4	5.6
BARDUKE	6.6	6.5	5.2	3.8	5.5
BAR 8PP 504	5.8	6.0	5.8	4.3	5.5
3733	6.8	6.2	4.7	4.2	5.5
PST-K9-99	6.1	6.8	4.5	4.5	5.4
AKB 2555	6.7	6.2	4.5	4.3	5.4
BARON	6.4	6.3	5.0	4.0	5.4
PICK MP07	5.9	6.2	4.9	4.5	5.4
ZEDOR (PPH 9131)	6.3	6.4	4.8	4.0	5.4
A05-329	6.7	6.7	4.3	4.0	5.4
LUNAR (PST-07-261)	6.2	6.5	4.4	4.5	5.4
BAR PP 119327	6.1	6.7	5.3	3.3	5.4
BLACKJACK	6.5	6.1	4.8	3.8	5.3
BAR 12PP 612	6.6	5.9	3.8	4.1	5.1
KENBLUE	6.1	5.4	3.9	3.2	4.7
LSD VALUE	0.9	0.6	1.1	1.0	0.5
C.V. (%)	8.4	5.5	12.7	12.0	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 7.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE UPPER WEST/MOUNTAIN REGION
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN	
A00-2882	6.5	6.2	6.3	A05-329	5.1	5.1	5.1	
KEENELAND (A04-342)	5.7	6.4	6.0	PICK TD9	4.5	5.8	5.1	
BAR 12PP 612	5.6	6.2	5.9	BAR PP 119327	4.2	6.0	5.1	
PICK 4340	5.7	6.0	5.9	3733	5.0	5.1	5.1	
RUSH	5.8	5.9	5.8	J-1853	4.4	5.7	5.1	
MAZAMA (A04-74)	5.7	5.8	5.8	LUNAR (PST-07-261)	4.8	5.4	5.1	
ARROWHEAD	5.2	6.2	5.7	RUBIX (4S2W)	4.7	5.4	5.0	
SRX 4338	5.5	6.0	5.7	LEGEND (A10-1)	4.6	5.4	5.0	
J-1136	5.4	5.9	5.7	SR 2150 (SRX 5321)	4.5	5.6	5.0	
A00-4199	5.1	6.1	5.6	A98-363	4.5	5.5	5.0	
NU CHICAGO	5.2	6.0	5.6	BAR 8PP 504	4.3	5.7	5.0	
ENDURANCE (PST-K4-7)	5.1	6.0	5.6	ARAMINTHA (PP 10847)	4.1	5.8	5.0	
PICK TD8	5.3	5.9	5.6	DAUNTLESS (A05-315)	4.3	5.6	5.0	
MIDNIGHT	5.2	5.9	5.6	A04-38	3.9	6.0	4.9	
BURL 3-51	5.4	5.6	5.5	AMERICA	4.5	5.3	4.9	
BLUE COAT (AKB 2282)	5.2	5.8	5.5	PICK 033	5.3	4.5	4.9	
OASIS (A98-344)	5.5	5.5	5.5	PST-K9-99	4.0	5.9	4.9	
A01-1106	5.4	5.6	5.5	BOLT (H99-1653)	4.3	5.5	4.9	
A06-46	5.1	5.8	5.4	BARDUKE	4.2	5.5	4.9	
J-1770	5.1	5.7	5.4	GEISHA (DPPP818)	4.1	5.5	4.8	
MERLOT (LTP-08-6)	4.7	6.1	5.4	PST-K4-3	4.4	5.3	4.8	
SRX 466	5.3	5.5	5.4	BLACKJACK	4.4	5.2	4.8	
A06-26	4.7	6.0	5.4	SHAMROCK	4.0	5.6	4.8	
RAD-849	4.4	6.3	5.4	PST-K9-97	4.4	5.1	4.8	
SKYE	4.9	5.8	5.4	ZINGER (A05-306)	3.7	5.9	4.8	
SRX 2758	5.3	5.4	5.4	A04-36	3.9	5.5	4.7	
A05-360	5.2	5.4	5.3	PST-T10-18	4.1	5.3	4.7	
BARON	4.8	5.8	5.3	BAR VV 118532	4.2	5.2	4.7	
JACKRABBIT (PST-K10-106D)	4.3	6.3	5.3	A05-TB-382	4.3	5.0	4.7	
RAD-507	4.9	5.7	5.3	A05-999	4.1	5.1	4.6	
A06-47	4.8	5.8	5.3	THERMAL BLUE	4.0	5.3	4.6	
CABERNET	5.0	5.5	5.3	BAR PP 119326	4.1	5.1	4.6	
RAD-1492	5.1	5.4	5.3	BAR PP 110358	3.8	5.3	4.6	
A05-361	4.6	5.8	5.2	BARVETTE HGT (BAR VV 0709)	3.7	5.2	4.5	
AKB 2555	4.8	5.7	5.2	AVID	2.9	6.0	4.4	
PST-K9-90	4.8	5.6	5.2	WATERWORKS (A05-204)	3.9	4.9	4.4	
BURL 06-11	4.6	5.8	5.2	PICK MP07	3.6	4.6	4.1	
BLUE NOTE	4.2	6.1	5.2	BAR VV 112916	3.0	5.1	4.1	
BLUEBANK (A03-1017)	4.6	5.7	5.1	KENBLUE	2.9	4.2	3.5	
AWARD	4.6	5.7	5.1					
ZEDOR (PPH 9131)	4.8	5.5	5.1	LSD VALUE	1.2	0.7	0.7	
EMPIRE	4.4	5.9	5.1	C.V. (%)	16.2	8.2	12.1	
SUDDEN IMPACT	4.8	5.5	5.1					

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

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

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/ 1/
2016 DATA

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

NAME	SPRING GREENUP	MAR	APR	MAY	QUALITY RATINGS						MEAN
					JUN	JUL	AUG	SEP	OCT	NOV	
BARVETTE HGT (BAR VV 0709)	5.3	4.3	5.7	5.7	5.7	5.3	5.3	5.3	5.7	4.7	5.3
BAR 8PP 504	4.7	5.0	6.0	6.3	6.7	5.7	4.3	4.3	4.0	3.7	5.1
KEENELAND (A04-342)	4.7	4.3	5.0	6.0	6.3	5.0	4.0	4.7	4.7	3.3	4.8
ARAMINTHA (PP 10847)	4.7	3.0	5.3	5.7	5.0	5.0	5.3	4.0	4.0	2.7	4.4
PST-K9-99	4.3	4.7	4.7	4.7	5.0	4.3	4.0	4.3	3.7	3.3	4.3
MAZAMA (A04-74)	4.0	4.0	5.0	5.3	6.0	5.0	3.7	3.3	3.3	2.3	4.2
BLUEBANK (A03-1017)	2.7	2.7	4.3	4.3	5.0	5.0	5.0	3.3	4.0	3.7	4.1
BAR VV 112916	3.0	3.7	4.7	4.3	4.7	4.0	4.0	3.3	3.3	3.7	4.0
BAR PP 119327	3.3	4.0	3.7	4.7	4.7	4.0	3.3	3.3	3.3	3.0	3.8
A04-38	3.7	4.0	4.7	5.0	4.7	4.0	3.0	3.0	3.0	2.0	3.7
AWARD	2.3	3.3	4.0	4.3	4.3	4.0	3.7	3.0	3.0	3.7	3.7
BAR VV 118532	3.0	2.7	4.0	4.0	4.3	4.0	3.7	3.0	3.0	1.7	3.4
KENBLUE	7.0	4.0	4.7	4.7	3.3	3.0	2.7	2.7	3.0	2.3	3.4
DAUNTLESS (A05-315)	4.0	3.3	3.3	3.3	4.0	3.3	3.7	3.3	2.7	3.0	3.3
NU CHICAGO	2.3	3.0	3.7	4.3	4.0	3.3	2.7	2.7	2.7	2.3	3.2
A05-TB-382	2.3	2.3	3.0	3.0	3.3	3.3	3.7	3.3	3.7	2.3	3.1
A06-46	3.0	3.0	3.3	3.3	4.0	3.7	3.3	3.0	2.7	1.7	3.1
AMERICA	3.3	2.0	3.7	4.0	4.3	3.7	3.0	2.3	2.3	2.3	3.1
JACKRABBIT (PST-K10-106D)	2.3	3.0	3.7	4.3	3.7	3.0	2.7	2.3	2.7	2.3	3.1
PICK 4340	4.7	3.0	4.7	3.3	4.0	3.3	2.7	2.7	2.7	2.0	3.1
BURL 3-51	3.7	3.3	3.3	3.0	3.7	3.3	2.7	3.0	2.7	1.7	3.0
GEISHA (DPPP818)	4.3	3.7	4.3	3.3	4.0	3.0	2.3	2.3	2.7	1.7	3.0
PST-K9-90	3.0	3.7	3.0	3.7	3.3	3.0	3.0	2.7	2.7	1.7	3.0
A05-360	3.0	3.0	3.7	3.7	3.7	3.3	2.7	2.3	2.0	1.3	2.9
PICK 033	3.0	2.3	3.7	3.3	3.0	3.3	3.0	2.7	2.7	2.0	2.9
RAD-1492	2.3	2.0	3.0	3.7	3.3	3.0	3.0	3.0	2.7	2.3	2.9
SRX 4338	4.0	3.0	4.3	3.7	4.0	3.0	2.3	2.0	2.0	1.3	2.9
PST-K9-97	2.3	2.0	3.3	3.0	3.7	3.3	3.3	2.3	2.3	2.0	2.8
A00-2882	2.7	1.7	3.0	3.3	3.3	3.3	2.7	2.7	2.3	1.7	2.7
RUBIX (4S2W)	2.7	2.3	3.7	3.3	3.0	2.7	3.0	2.0	2.3	1.7	2.7
THERMAL BLUE	4.0	3.0	3.0	1.7	3.0	3.0	3.0	2.3	2.7	3.0	2.7
ZINGER (A05-306)	3.0	2.3	3.3	3.7	3.7	3.0	2.7	2.0	2.0	1.7	2.7
ARROWHEAD	3.0	2.3	3.0	3.0	3.0	2.7	3.0	2.3	2.0	1.7	2.6
BARDUKE	3.0	2.3	3.0	3.0	3.3	2.7	2.3	2.3	2.3	2.0	2.6
OASIS (A98-344)	3.3	2.0	3.0	3.3	3.0	2.7	2.7	2.7	2.3	2.0	2.6
A06-47	3.0	2.7	2.7	2.0	3.3	2.7	2.7	2.0	2.3	2.0	2.5
AVID	4.0	2.0	3.7	3.0	3.3	2.3	2.0	2.0	2.3	1.7	2.5
BURL 06-11	4.3	2.0	2.7	3.3	3.7	3.0	2.3	1.7	2.0	1.7	2.5
CABERNET	2.3	2.0	3.0	3.0	3.3	2.7	2.3	2.3	2.0	2.0	2.5
A98-363	2.3	2.0	3.0	3.3	2.7	2.7	3.0	2.0	1.7	1.3	2.4
LEGEND (A10-1)	2.0	2.0	3.0	3.3	3.3	2.7	2.0	1.7	2.0	1.3	2.4
BARON	2.0	2.0	2.3	3.0	2.3	2.3	2.7	2.7	2.0	1.7	2.3
BLUE COAT (AKB 2282)	2.0	2.0	3.0	3.0	2.7	2.0	2.0	2.0	2.3	1.7	2.3
ENDURANCE (PST-K4-7)	2.3	3.0	3.3	2.7	2.3	2.0	1.7	1.7	2.0	1.7	2.3
BOLT (H99-1653)	3.7	2.0	3.0	2.3	3.3	2.7	2.3	1.3	2.0	2.0	2.3

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/ 1/
2016 DATA

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

NAME	SPRING GREENUP	QUALITY RATINGS									MEAN
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PST-T10-18	2.3	2.0	3.0	3.0	3.3	2.3	2.3	1.7	1.3	2.0	2.3
RAD-507	3.0	2.0	2.3	2.7	2.3	2.3	2.7	2.3	2.3	1.7	2.3
SR 2150 (SRX 5321)	2.7	2.0	2.7	2.3	2.7	2.3	2.7	1.7	2.0	2.0	2.3
A04-36	2.3	2.0	2.0	2.0	2.3	2.3	3.0	2.3	2.3	1.7	2.2
LUNAR (PST-07-261)	2.0	2.0	2.3	2.0	2.0	2.7	3.0	2.0	2.0	1.7	2.2
RAD-849	3.0	1.7	2.3	2.3	3.3	2.7	1.7	2.3	1.7	1.7	2.2
SRX 2758	2.7	2.0	2.0	2.3	2.7	2.3	2.3	2.0	2.3	2.0	2.2
BAR PP 119326	2.7	2.0	2.3	2.3	2.7	2.3	2.0	2.0	2.0	1.3	2.1
BLUE NOTE	2.0	2.0	2.7	2.3	2.7	2.3	2.0	1.7	2.0	1.0	2.1
EMPIRE	3.7	2.0	2.7	2.3	2.3	2.3	2.0	2.0	1.7	1.7	2.1
MERLOT (LTP-08-6)	2.3	1.3	2.7	2.7	2.7	2.3	2.0	2.0	1.3	1.7	2.1
PICK TD8	2.0	1.3	2.7	2.7	2.7	2.3	2.3	1.7	1.7	1.3	2.1
PICK TD9	2.3	2.0	2.3	2.3	2.3	2.0	2.0	2.0	2.0	1.7	2.1
SUDDEN IMPACT	3.3	2.7	2.7	2.3	2.7	2.0	2.0	1.3	2.0	1.7	2.1
A05-329	2.0	1.3	2.0	2.0	2.7	2.3	2.3	2.0	1.7	1.7	2.0
A05-999	3.0	2.0	2.7	2.3	2.3	2.0	2.0	2.0	1.3	1.3	2.0
J-1136	2.3	1.3	2.0	3.7	2.3	2.3	2.3	2.0	1.3	1.0	2.0
MIDNIGHT	2.3	1.3	2.7	2.0	2.7	2.0	2.0	2.3	2.0	1.3	2.0
3733	2.3	1.7	2.0	2.0	2.3	2.0	1.7	2.0	1.7	1.7	1.9
AKB 2555	2.0	2.0	2.3	2.0	1.7	1.7	1.7	2.0	2.3	1.3	1.9
SKYE	2.0	2.0	2.3	1.7	2.7	2.0	1.7	1.7	1.7	1.3	1.9
ZEDOR (PPH 9131)	2.7	1.3	2.0	2.0	2.0	2.0	2.0	1.7	2.0	2.0	1.9
BAR 12PP 612	2.0	1.3	2.0	2.0	2.3	2.0	2.0	1.3	1.7	1.3	1.8
BAR PP 110358	2.0	2.0	2.0	2.0	2.0	1.7	2.0	1.7	1.7	1.3	1.8
SHAMROCK	2.0	1.3	2.0	1.7	1.7	2.3	2.0	2.0	2.0	1.0	1.8
A00-4199	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.3	1.3	1.3	1.7
BLACKJACK	1.0	2.0	1.7	1.7	1.7	1.7	2.0	2.0	2.0	1.0	1.7
J-1770	2.0	1.7	1.7	1.7	1.7	1.3	1.7	1.7	2.0	1.7	1.7
SRX 466	2.3	1.3	2.0	2.0	2.3	1.7	1.7	1.3	1.3	1.3	1.7
WATERWORKS (A05-204)	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.0	1.7
A05-361	2.0	1.7	1.3	1.3	2.0	1.7	1.7	1.7	1.7	1.7	1.6
J-1853	3.0	1.0	2.0	1.3	2.0	2.0	2.0	1.0	1.7	1.7	1.6
PICK MP07	2.3	1.3	1.7	1.3	1.3	1.7	2.0	2.0	1.7	1.7	1.6
A06-26	2.0	1.7	1.7	1.3	1.7	1.3	1.3	1.3	1.3	1.3	1.4
RUSH	1.0	1.7	1.0	1.3	1.7	1.3	1.0	1.3	1.7	1.0	1.3
A01-1106	1.0	1.0	1.3	1.0	1.7	1.0	1.0	1.0	1.3	1.0	1.1
PST-K4-3	1.0	1.3	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.1
LSD VALUE	1.1	2.8	3.5	3.5	3.6	3.1	3.6	2.3	2.5	2.0	2.5
C.V. (%)	24.2	51.6	49.0	52.6	49.3	48.6	50.1	45.7	46.6	49.2	44.1

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 9.

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 21-26						AFTER TRAFFIC IN SPRING (JUNE 2-3)					
	UNIFORMITY RATINGS			PERCENT FULLNESS OF CANOPY			UNIFORMITY RATINGS			PERCENT FULLNESS OF CANOPY		
	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC
BARVETTE HGT (BAR VV 0709)	9.0	9.0	8.0	97.7	94.7	81.7	9.0	8.7	8.3	99.0	88.3	83.3
A06-46	9.0	8.7	6.3	88.0	88.0	25.0	9.0	8.7	5.0	97.7	90.0	43.3
SRX 2758	8.7	9.0	6.3	97.7	86.7	38.3	9.0	8.0	4.3	97.7	80.0	35.0
ARAMINTHA (PP 10847)	9.0	8.3	6.7	96.0	91.0	56.7	9.0	9.0	8.3	99.0	93.3	86.7
JACKRABBIT (PST-K10-106D)	8.7	9.0	6.0	89.7	94.7	38.3	9.0	8.0	5.7	99.0	86.7	61.7
PST-T10-18	8.3	8.3	6.0	93.0	86.3	48.3	9.0	8.3	6.0	97.7	88.3	55.0
THERMAL BLUE	8.7	8.0	6.0	96.0	78.3	41.7	9.0	8.0	6.7	96.3	81.7	63.3
A01-1106	9.0	8.3	6.0	93.0	83.0	26.7	9.0	7.3	3.0	97.7	70.0	28.3
BOLT (H99-1653)	9.0	8.7	6.7	91.3	88.3	28.3	9.0	8.3	5.7	99.0	88.3	43.3
BAR VV 112916	9.0	9.0	5.7	93.0	97.7	55.0	9.0	8.3	5.3	99.0	91.7	53.3
RUBIX (4S2W)	9.0	8.3	6.3	93.0	97.7	30.0	9.0	8.7	6.3	99.0	91.7	36.7
A00-2882	9.0	8.3	6.0	90.0	80.0	23.3	8.7	7.7	3.0	97.7	70.0	26.7
AVID	8.7	8.3	6.0	80.0	75.0	28.3	8.3	7.7	4.0	93.3	75.0	33.3
BARON	8.7	8.3	6.0	96.0	86.7	33.3	9.0	8.0	4.3	97.7	85.0	36.7
PICK TD8	8.7	6.7	5.0	88.0	75.0	36.7	9.0	7.3	4.3	96.3	88.3	38.3
A05-361	8.0	7.3	5.0	91.7	88.0	38.3	9.0	7.7	4.3	97.7	80.0	35.0
BAR 12PP 612	8.0	7.3	4.7	88.0	80.0	38.3	9.0	8.0	5.3	99.0	81.7	56.7
SR 2150 (SRX 5321)	8.7	7.3	5.7	88.0	75.0	51.7	9.0	8.7	6.0	99.0	88.3	58.3
ARROWHEAD	9.0	8.0	6.3	90.0	85.0	31.7	9.0	8.3	3.0	99.0	88.3	26.7
DAUNTLESS (A05-315)	8.0	7.7	6.0	88.3	85.0	35.0	9.0	8.7	5.7	99.0	91.7	55.0
MIDNIGHT	9.0	8.3	6.3	93.0	78.3	30.0	9.0	7.3	4.7	96.3	76.7	33.3
PST-K9-97	8.7	5.3	5.0	89.7	71.3	36.7	9.0	7.3	5.0	97.7	73.3	41.7
A05-999	9.0	8.7	5.3	97.7	94.7	38.3	9.0	8.7	3.7	99.0	91.7	43.3
BAR VV 118532	8.3	8.3	4.7	91.7	76.7	50.0	9.0	8.0	6.3	97.7	83.3	58.3
CABERNET	8.0	8.0	5.7	83.3	86.7	43.3	9.0	7.3	4.7	94.7	90.0	43.3
PST-K9-99	8.3	8.3	6.3	91.7	86.7	40.0	9.0	8.3	6.7	99.0	90.0	61.7
SRX 466	8.7	8.3	5.7	88.0	88.3	36.7	9.0	7.7	3.7	97.7	73.3	31.7
A04-36	8.3	8.0	5.3	91.0	91.7	36.7	9.0	9.0	5.3	99.0	90.0	55.0
A05-360	9.0	9.0	5.3	99.0	95.0	48.3	9.0	8.3	4.3	99.0	80.0	36.7
A06-47	8.7	8.0	5.0	89.7	73.3	26.7	9.0	7.7	3.0	97.7	83.3	30.0
BAR 8PP 504	8.7	8.3	6.0	99.0	93.0	31.7	9.0	8.3	5.7	99.0	91.7	55.0
PICK 4340	8.3	6.3	6.0	89.7	80.0	30.0	9.0	8.0	5.7	99.0	85.0	46.7
SRX 4338	9.0	8.3	6.0	96.0	91.7	31.7	9.0	8.7	5.3	99.0	88.3	48.3
A00-4199	8.3	8.7	6.7	68.3	89.7	26.7	9.0	8.7	5.3	99.0	90.0	55.0
AWARD	8.3	6.7	6.0	89.7	75.0	26.7	9.0	7.7	4.3	99.0	76.7	36.7
BAR PP 119327	9.0	8.3	5.7	90.0	85.0	36.7	9.0	8.0	5.7	99.0	86.7	53.3
BLUE NOTE	8.7	8.3	5.7	92.7	88.0	26.7	9.0	9.0	4.3	99.0	90.0	31.7
BURL 3-51	8.3	7.0	5.0	92.7	78.3	21.7	8.3	7.0	2.7	94.7	68.3	25.0
EMPIRE	8.3	7.7	5.3	75.0	53.3	25.0	7.7	6.3	2.3	88.3	60.0	21.7
ENDURANCE (PST-K4-7)	8.3	5.7	5.3	81.7	66.7	25.0	9.0	8.0	5.0	97.7	81.7	46.7
GEISHA (DPPP818)	8.3	8.0	6.7	80.0	76.7	38.3	8.7	8.3	5.7	96.0	81.7	41.7
KEENELAND (A04-342)	8.7	8.7	5.7	83.3	80.0	26.7	9.0	7.7	3.7	99.0	86.7	38.3
ZEDOR (PPH 9131)	8.7	7.7	5.7	93.0	90.0	43.3	9.0	8.3	6.0	97.7	78.3	51.7
BAR PP 119326	9.0	8.0	6.3	88.3	81.7	46.7	9.0	7.7	5.3	96.0	78.3	56.7
BLACKJACK	8.0	5.7	4.0	86.7	66.7	26.7	9.0	7.3	3.3	96.0	80.0	38.3
RAD-1492	8.3	6.3	5.0	85.0	76.7	35.0	8.7	8.0	3.3	94.7	73.3	36.7

TABLE 9. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME NAME	BEFORE TRAFFIC ON APRIL 21-26						AFTER TRAFFIC IN SPRING (JUNE 2-3)					
	UNIFORMITY RATINGS			PERCENT FULLNESS OF CANOPY			UNIFORMITY RATINGS			PERCENT FULLNESS OF CANOPY		
	NO TRAFFIC UNIF1_1	CADY TRAFFIC UNIF1_2	RUTGERS TRAFFIC UNIF1_3	NO TRAFFIC FULL1_1	CADY TRAFFIC FULL1_2	RUTGERS TRAFFIC FULL1_3	NO TRAFFIC UNIF2_1	CADY TRAFFIC UNIF2_2	RUTGERS TRAFFIC UNIF2_3	NO TRAFFIC FULL2_1	CADY TRAFFIC FULL2_2	RUTGERS TRAFFIC FULL2_3
SUDDEN IMPACT	8.7	8.3	6.3	88.0	75.0	30.0	9.0	7.7	3.7	94.7	81.7	30.0
BAR PP 110358	9.0	9.0	5.7	99.0	97.7	43.3	9.0	8.0	3.3	99.0	86.7	33.3
BURL 06-11	8.7	6.3	5.3	93.0	83.3	28.3	9.0	8.3	5.0	99.0	81.7	41.7
SHAMROCK	8.3	8.3	4.3	91.7	91.3	26.7	9.0	8.7	4.3	99.0	91.7	38.3
AKB 2555	7.7	6.0	4.7	81.7	78.3	46.7	9.0	8.0	4.7	99.0	86.7	50.0
BARDUKE	8.3	7.0	6.0	88.0	66.7	33.3	9.0	7.7	4.7	99.0	83.3	43.3
OASIS (A98-344)	7.7	5.7	4.7	81.7	65.0	23.3	8.0	6.3	2.7	86.3	66.7	23.3
PST-K9-90	9.0	6.3	6.3	84.7	75.0	31.7	9.0	7.7	5.3	97.7	81.7	50.0
A04-38	9.0	8.3	5.0	93.3	86.7	33.3	9.0	8.3	5.3	99.0	86.7	56.7
J-1770	8.7	7.7	6.0	84.7	78.3	26.7	8.7	8.0	4.3	96.0	83.3	33.3
RAD-507	8.3	6.7	4.3	93.3	71.7	25.0	9.0	7.7	3.7	97.7	81.7	41.7
3733	8.0	6.7	5.0	80.0	73.3	25.0	9.0	7.7	3.3	99.0	75.0	26.7
A06-26	8.3	7.7	5.7	88.0	75.0	26.7	8.7	8.0	4.3	97.7	85.0	38.3
LUNAR (PST-07-261)	8.3	5.7	4.3	83.3	66.7	25.0	9.0	6.7	3.3	94.7	76.7	33.3
PICK 033	8.3	6.3	5.0	88.0	75.0	41.7	9.0	7.7	4.7	99.0	73.3	46.7
PICK MP07	8.7	7.0	4.7	84.7	73.3	28.3	9.0	7.3	3.3	94.7	75.0	30.0
PST-K4-3	8.3	6.3	4.7	90.0	65.0	33.3	9.0	6.7	3.7	97.7	78.3	38.3
NU CHICAGO	8.7	6.0	6.0	91.7	68.3	25.0	8.7	7.0	4.7	96.3	73.3	41.7
A05-TB-382	8.0	7.0	4.7	89.7	80.0	46.7	9.0	7.3	4.3	99.0	83.3	45.0
AMERICA	7.7	6.0	4.3	85.0	80.0	38.3	8.7	7.3	5.0	94.7	78.3	50.0
LEGEND (A10-1)	8.3	6.7	5.3	81.7	85.0	28.3	8.0	7.0	2.7	93.3	71.7	23.3
PICK TD9	7.7	4.7	3.0	85.0	63.3	20.0	9.0	7.0	3.0	94.7	70.0	36.7
WATERWORKS (A05-204)	7.0	5.7	2.0	65.0	68.3	28.3	8.0	7.3	2.0	88.3	80.0	23.3
ZINGER (A05-306)	8.3	7.7	4.7	78.3	81.7	25.0	9.0	8.3	6.0	99.0	86.7	56.7
A98-363	7.7	6.7	4.0	80.0	78.3	46.7	9.0	7.7	4.7	93.0	78.3	43.3
BLUEBANK (A03-1017)	9.0	7.0	6.3	91.7	84.7	28.3	9.0	8.0	5.0	99.0	80.0	51.7
J-1853	8.7	8.7	7.0	83.0	86.7	25.0	9.0	8.3	3.7	96.3	88.3	30.0
MERLOT (LTP-08-6)	8.3	8.0	5.0	91.3	81.7	30.0	8.3	7.7	4.0	94.7	80.0	35.0
SKYE	8.0	7.0	5.0	81.7	71.7	26.7	9.0	8.0	4.7	99.0	91.7	40.0
KENBLUE	8.7	8.0	4.7	93.0	89.7	73.3	9.0	8.3	6.0	99.0	88.3	61.7
RAD-849	8.3	7.3	4.7	83.3	73.3	30.0	9.0	7.0	3.3	94.7	78.3	35.0
RUSH	9.0	8.3	6.7	88.0	83.3	31.7	9.0	8.0	4.3	97.7	86.7	35.0
MAZAMA (A04-74)	8.3	8.0	5.3	89.7	76.7	26.7	8.7	7.3	3.0	93.3	78.3	26.7
J-1136	8.7	7.0	5.0	85.0	90.0	20.0	8.7	7.0	2.7	93.3	75.0	26.7
A05-329	7.0	6.0	2.7	73.3	63.3	25.0	8.3	6.7	2.3	91.3	75.0	26.7
BLUE COAT (AKB 2282)	8.0	7.0	3.7	85.0	73.3	23.3	9.0	8.0	3.7	97.7	91.7	31.7
LSD VALUE	2.1	2.9	1.9	25.3	21.4	20.6	0.4	1.5	2.0	5.5	13.0	16.8
C.V. (%)	8.1	17.9	19.2	10.6	13.6	33.6	2.9	9.5	26.1	3.0	8.9	24.8

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

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

TABLE 9. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA

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

NAME	BEFORE TRAFFIC ON JULY 12						AFTER TRAFFIC IN SUMMER (AUGUST 18)						SUMMER PATCH (AUG 29)		
	UNIFORMITY RATINGS			% FULLNESS OF CANOPY			UNIFORMITY RATINGS			% FULLNESS OF CANOPY			NO	CADY	RUTGERS
	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGER	NO	CADY	RUTGERS	TRAFFIC	TRAFFIC	TRAFFIC
BARVETTE HGT (BAR VV 0709)	9.0	9.0	9.0	99.0	99.0	96.0	9.0	8.7	9.0	97.7	89.7	90.0	8.7	8.3	7.7
A06-46	9.0	8.3	7.3	99.0	88.3	75.0	8.3	8.3	7.7	93.0	80.0	71.7	7.0	7.3	8.7
SRX 2758	9.0	8.7	6.7	96.3	86.7	68.3	9.0	9.0	6.7	99.0	83.3	66.7	8.7	9.0	8.7
ARAMINTHA (PP 10847)	9.0	9.0	9.0	99.0	99.0	99.0	8.3	7.7	8.0	86.7	68.3	70.0	4.7	5.7	4.3
JACKRABBIT (PST-K10-106D)	9.0	8.0	7.0	96.0	91.7	71.7	9.0	7.7	7.0	97.7	76.7	66.7	8.0	6.7	7.0
PST-T10-18	9.0	8.7	8.0	99.0	93.3	86.7	9.0	6.7	7.7	97.7	70.0	75.0	7.7	5.7	7.3
THERMAL BLUE	8.7	7.7	7.0	94.7	80.0	73.3	9.0	8.0	6.0	99.0	76.7	58.3	8.0	8.7	7.0
A01-1106	8.3	7.3	5.3	90.0	73.3	53.3	9.0	8.3	6.7	93.0	80.0	66.7	8.7	9.0	8.3
BOLT (H99-1653)	9.0	8.3	7.3	97.7	88.3	71.7	9.0	8.3	7.0	97.7	80.0	70.0	9.0	8.0	6.7
BAR VV 112916	9.0	8.3	6.3	96.3	93.3	75.0	9.0	8.0	5.0	99.0	81.7	53.3	8.0	7.3	7.3
RUBIX (4S2W)	9.0	9.0	7.0	99.0	91.0	71.7	9.0	7.3	7.0	99.0	78.3	65.0	8.0	7.3	5.0
A00-2882	9.0	8.0	6.7	90.0	86.7	65.0	9.0	8.0	6.3	99.0	76.7	60.0	9.0	7.3	6.7
AVID	9.0	7.7	6.3	86.7	85.0	66.7	8.3	7.7	6.0	91.3	71.7	55.0	6.3	8.3	5.7
BARON	9.0	8.3	6.0	96.0	86.7	66.7	9.0	8.0	5.3	96.0	76.7	53.3	6.7	5.7	6.3
PICK TD8	8.7	8.3	6.7	97.7	90.0	75.0	8.7	5.0	6.0	94.7	55.0	58.3	7.3	3.3	5.7
A05-361	9.0	8.3	6.3	97.7	91.7	73.3	8.0	6.0	6.3	88.0	65.0	60.0	4.7	4.7	6.0
BAR 12PP 612	9.0	9.0	7.7	93.3	91.7	78.3	9.0	8.3	5.3	93.0	73.3	55.0	5.7	6.3	6.0
SR 2150 (SRX 5321)	9.0	9.0	6.7	99.0	96.0	73.3	8.3	7.3	6.0	94.7	70.0	70.0	5.7	5.7	5.7
ARROWHEAD	9.0	9.0	5.7	97.7	96.0	56.7	9.0	9.0	6.0	99.0	93.0	55.0	8.0	7.7	7.3
DAUNTLESS (A05-315)	9.0	9.0	8.0	99.0	95.0	81.7	9.0	7.7	6.3	99.0	83.3	60.0	7.3	5.7	6.3
MIDNIGHT	9.0	9.0	6.7	97.7	90.0	66.7	9.0	8.7	6.7	99.0	83.3	63.3	8.3	7.7	6.3
PST-K9-97	9.0	8.0	6.0	97.7	91.7	66.7	9.0	5.3	6.0	99.0	56.7	60.0	7.0	4.3	6.7
A05-999	9.0	9.0	7.3	99.0	97.7	80.0	9.0	9.0	5.3	99.0	81.7	58.3	9.0	8.0	6.3
BAR VV 118532	9.0	8.0	7.7	94.7	88.3	85.0	7.7	7.0	7.0	81.3	76.7	63.3	5.7	6.0	4.7
CABERNET	9.0	8.7	7.0	93.3	88.3	76.7	9.0	6.0	5.3	94.7	63.3	58.3	7.0	6.7	6.3
PST-K9-99	9.0	8.7	8.0	97.7	90.0	83.3	9.0	7.7	7.3	96.0	80.0	71.7	8.0	6.0	6.3
SRX 466	8.7	7.3	5.0	91.7	75.0	50.0	9.0	8.3	4.7	93.0	80.0	48.3	8.7	8.7	7.3
A04-36	9.0	9.0	7.3	99.0	96.3	78.3	9.0	8.7	5.7	97.7	83.3	58.3	5.3	8.0	5.7
A05-360	9.0	8.7	6.7	95.0	88.3	75.0	9.0	8.7	4.0	94.7	80.0	43.3	9.0	8.3	7.0
A06-47	9.0	8.7	5.7	96.3	91.7	60.0	8.7	5.7	5.3	96.0	60.0	50.0	6.7	4.7	6.3
BAR 8PP 504	9.0	9.0	8.3	97.7	96.3	81.7	8.7	8.3	7.0	96.0	76.7	61.7	6.7	7.0	6.0
PICK 4340	9.0	8.7	7.3	97.7	86.7	73.3	8.3	5.3	7.0	91.0	50.0	70.0	4.7	3.3	5.7
SRX 4338	9.0	8.7	7.3	99.0	96.3	75.0	9.0	7.3	6.0	99.0	70.0	46.7	7.0	4.3	3.0
A00-4199	9.0	9.0	8.7	99.0	95.0	93.0	9.0	8.7	7.0	96.0	85.0	63.3	7.0	8.0	6.3
AWARD	9.0	8.3	7.0	93.3	90.0	75.0	9.0	6.3	7.0	96.0	61.7	68.3	6.7	4.3	6.3
BAR PP 119327	9.0	8.7	7.7	96.3	93.3	73.3	8.7	7.0	6.0	97.7	80.0	55.0	6.3	6.7	6.3
BLUE NOTE	9.0	8.7	6.0	99.0	93.0	60.0	8.3	6.3	5.7	93.0	66.7	50.0	4.3	5.0	4.7
BURL 3-51	8.3	7.3	5.3	89.7	83.3	53.3	8.3	7.0	5.7	93.0	68.3	50.0	6.0	5.0	5.7
EMPIRE	7.7	7.3	5.0	76.7	70.0	40.0	8.7	6.7	5.7	91.7	66.7	51.7	6.7	6.3	6.0
ENDURANCE (PST-K4-7)	9.0	8.7	6.7	96.3	95.0	73.3	9.0	4.0	6.0	99.0	51.7	66.7	8.0	4.0	6.7
GEISHA (DPPP818)	8.7	8.0	7.0	96.3	85.0	75.0	9.0	6.3	5.7	99.0	66.7	61.7	8.3	5.7	5.0
KEENELAND (A04-342)	9.0	9.0	6.3	97.7	90.0	66.7	9.0	7.7	6.3	94.7	66.7	50.0	6.0	6.0	3.7
ZEDOR (PPH 9131)	9.0	8.7	7.7	94.7	86.3	83.0	9.0	7.3	5.3	93.3	70.0	50.0	4.3	6.0	5.0
BAR PP 119326	8.7	7.7	7.0	93.0	75.0	66.7	9.0	7.7	5.7	99.0	65.0	50.0	8.7	7.7	7.0
BLACKJACK	8.7	7.7	5.3	91.7	90.0	66.7	7.7	7.0	5.7	86.0	73.3	58.3	6.3	5.0	4.7
RAD-1492	9.0	8.3	6.3	93.3	90.0	68.3	8.0	7.0	5.3	96.0	70.0	50.0	7.0	6.7	7.3

TABLE 9. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA

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

NAME	BEFORE TRAFFIC ON JULY 12						AFTER TRAFFIC IN SUMMER (AUGUST 18)						SUMMER PATCH (AUG 29)		
	UNIFORMITY RATINGS			% FULLNESS OF CANOPY			UNIFORMITY RATINGS			% FULLNESS OF CANOPY			NO	CADY	RUTGERS
	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGER	NO	CADY	RUTGERS	TRAFFIC	TRAFFIC	TRAFFIC
SUDDEN IMPACT	9.0	8.0	5.7	94.7	85.0	63.3	9.0	6.0	6.0	96.0	60.0	56.7	6.7	5.3	5.7
BAR PP 110358	9.0	8.3	6.0	99.0	90.0	70.0	9.0	7.7	5.3	99.0	75.0	53.3	7.3	8.0	7.7
BURL 06-11	9.0	8.7	7.0	97.7	93.3	76.7	8.0	5.3	6.7	93.0	63.3	63.3	5.7	4.7	7.0
SHAMROCK	9.0	8.7	6.0	97.7	96.3	68.3	8.7	7.3	5.0	96.0	70.0	45.0	4.7	4.7	5.3
AKB 2555	9.0	8.7	6.7	99.0	91.7	71.7	8.7	6.3	6.3	97.7	65.0	55.0	7.0	4.0	4.0
BARDUKE	9.0	8.7	7.0	97.7	93.3	73.3	6.7	6.7	4.7	76.0	63.3	40.0	5.3	5.3	3.7
OASIS (A98-344)	8.0	6.7	5.0	81.7	76.7	51.7	9.0	5.3	6.0	96.3	48.3	48.3	7.3	3.3	6.3
PST-K9-90	9.0	8.7	8.0	99.0	93.0	81.7	8.3	6.0	6.0	83.3	65.0	51.7	4.7	4.3	4.3
A04-38	9.0	8.7	7.7	99.0	94.7	81.7	8.3	7.7	6.0	97.7	80.0	60.0	6.0	8.3	7.3
J-1770	9.0	8.3	7.3	95.0	88.3	73.3	8.3	6.0	7.0	89.7	51.7	65.0	5.0	4.3	5.7
RAD-507	9.0	8.3	7.0	96.3	91.7	80.0	6.7	6.0	5.0	76.0	60.0	53.3	5.0	6.3	6.0
3733	9.0	8.3	5.3	97.7	86.7	53.3	9.0	7.7	4.7	99.0	78.3	50.0	6.3	7.7	5.0
A06-26	8.7	8.3	7.0	96.3	90.0	75.0	8.7	5.7	5.7	96.0	55.0	53.3	5.7	3.3	4.7
LUNAR (PST-07-261)	9.0	8.7	5.3	94.7	86.7	58.3	9.0	4.3	4.3	99.0	53.3	50.0	7.7	3.7	5.3
PICK 033	9.0	7.7	7.7	96.3	88.3	85.0	8.3	7.0	6.0	89.7	66.7	58.3	7.3	5.7	5.7
PICK MP07	8.7	7.7	6.0	96.3	86.7	63.3	9.0	7.0	5.0	97.7	68.3	53.3	7.7	6.3	6.0
PST-K4-3	9.0	8.0	5.0	99.0	90.0	63.3	8.0	7.3	5.7	82.7	63.3	48.3	4.7	7.0	6.7
NU CHICAGO	9.0	8.3	8.0	93.3	91.7	86.7	8.3	4.3	6.7	86.7	50.0	61.7	4.7	2.3	5.0
A05-TB-382	9.0	8.7	7.0	97.7	90.0	78.3	8.0	6.0	6.0	91.7	68.3	63.3	5.3	5.7	6.0
AMERICA	9.0	8.7	7.3	97.7	83.3	68.3	9.0	7.3	5.7	93.0	66.7	51.7	7.0	6.3	5.7
LEGEND (A10-1)	8.7	7.7	6.0	88.0	85.0	70.0	8.3	4.0	5.7	81.7	53.3	56.7	6.0	2.7	5.3
PICK TD9	9.0	8.3	6.7	96.3	93.0	78.3	6.0	4.0	3.7	73.0	46.7	48.3	3.3	1.7	4.7
WATERWORKS (A05-204)	8.3	8.3	6.0	90.0	91.7	68.3	8.3	5.0	3.7	93.0	50.0	40.0	5.0	2.7	4.0
ZINGER (A05-306)	9.0	8.3	7.7	99.0	94.7	83.3	8.3	5.3	4.7	88.0	61.7	50.0	5.3	5.3	5.0
A98-363	9.0	8.0	7.0	94.3	81.7	73.3	8.7	8.0	5.3	94.7	73.3	56.7	4.0	6.0	4.3
BLUEBANK (A03-1017)	9.0	8.7	8.0	95.0	93.3	85.0	8.3	4.7	6.3	83.3	55.0	61.7	4.3	3.0	4.0
J-1853	9.0	8.7	5.7	97.7	94.7	71.7	7.7	7.0	5.3	81.3	66.7	50.0	5.7	4.3	4.0
MERLOT (LTP-08-6)	9.0	8.3	6.3	93.0	90.0	60.0	8.3	5.7	4.0	93.0	58.3	36.7	4.0	5.0	4.0
SKYE	9.0	8.7	7.0	97.7	94.7	78.3	7.3	7.7	5.0	82.7	76.7	48.3	4.7	6.3	4.7
KENBLUE	9.0	8.0	8.0	97.7	95.0	83.3	7.3	7.3	5.7	81.3	66.7	48.3	7.0	6.3	6.3
RAD-849	8.7	7.7	7.0	95.0	81.7	73.3	7.3	5.0	5.3	79.7	45.0	45.0	7.0	3.7	5.3
RUSH	9.0	9.0	6.0	97.7	96.3	68.3	9.0	6.0	6.0	94.7	50.0	38.3	6.0	2.3	3.0
MAZAMA (A04-74)	8.3	8.0	5.7	91.7	85.0	63.3	9.0	4.7	4.7	94.7	61.7	43.3	6.3	3.3	6.0
J-1136	9.0	9.0	5.0	94.7	90.0	51.7	8.3	6.7	4.7	91.0	58.3	38.3	5.0	4.3	3.3
A05-329	8.0	7.3	4.3	84.7	80.0	56.7	8.3	5.3	3.3	83.0	60.0	41.7	6.3	5.0	3.3
BLUE COAT (AKB 2282)	9.0	8.7	5.7	99.0	96.0	60.0	7.7	3.0	3.3	75.0	41.7	31.7	4.0	2.3	1.7
LSD VALUE	0.5	1.0	2.0	6.8	9.1	21.2	5.4	3.6	2.9	54.0	28.0	30.3	4.5	3.6	3.0
C.V. (%)	3.3	6.6	16.1	4.1	6.0	16.1	13.5	25.6	22.8	13.1	20.3	23.6	29.9	34.3	27.3

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 9. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON SEPTEMBER 27						AFTER TRAFFIC IN FALL ON NOVEMBER 2-4						% POA ANNUA (DEC 1)		
	UNIFORMITY RATINGS			FULLNESS OF CANOPY			UNIFORMITY RATINGS			FULLNESS OF CANOPY			NO	CADY	RUTGERS
	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGERS
TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC
BARVETTE HGT (BAR VV 0709)	9.0	9.0	9.0	96.0	96.0	92.7	9.0	8.7	9.0	99.0	93.0	95.0	11.7	25.0	3.3
A06-46	8.0	8.0	9.0	73.0	75.0	80.0	9.0	9.0	8.0	99.0	93.3	81.7	21.7	26.7	3.3
SRX 2758	9.0	9.0	9.0	99.0	90.0	91.7	9.0	8.7	7.7	99.0	90.0	76.7	31.7	33.3	8.3
ARAMINTHA (PP 10847)	6.3	7.3	6.7	79.7	81.7	70.0	7.3	7.7	7.0	86.0	86.7	73.3	10.0	25.0	3.3
JACKRABBIT (PST-K10-106D)	8.0	7.0	8.0	97.7	76.7	86.7	9.0	7.0	6.3	99.0	80.0	70.0	18.3	28.3	11.7
PST-T10-18	9.0	7.3	9.0	95.0	76.7	83.3	8.7	8.3	6.7	96.0	83.3	70.0	21.7	25.0	3.3
THERMAL BLUE	9.0	8.3	8.3	99.0	85.0	88.0	9.0	6.3	6.3	99.0	78.3	70.0	23.3	38.3	5.0
A01-1106	9.0	8.3	8.0	86.0	76.7	83.3	9.0	8.7	6.3	99.0	88.3	68.3	11.7	15.0	6.7
BOLT (H99-1653)	9.0	8.7	8.0	99.0	88.3	90.0	9.0	8.7	6.7	99.0	88.3	68.3	13.3	23.3	5.0
BAR VV 112916	9.0	8.0	8.0	99.0	83.3	91.7	9.0	7.7	6.0	99.0	73.3	66.7	16.7	53.3	23.3
RUBIX (4S2W)	9.0	8.0	7.0	99.0	70.0	80.0	9.0	8.0	6.3	99.0	79.7	66.7	20.0	40.0	6.7
A00-2882	9.0	8.3	8.0	97.7	80.0	91.3	8.7	9.0	7.7	99.0	88.3	65.0	23.3	26.7	8.3
AVID	8.0	8.0	7.7	90.0	78.3	80.0	7.3	8.0	6.7	93.0	88.3	65.0	33.3	23.3	1.7
BARON	8.0	8.0	7.3	79.7	76.7	81.7	8.3	7.7	6.0	99.0	81.7	65.0	38.3	48.3	10.0
PICK TD8	8.3	6.3	6.7	93.0	61.7	86.7	8.0	5.7	6.0	94.7	85.0	65.0	33.3	33.3	15.0
A05-361	8.0	7.3	7.7	91.7	63.3	78.3	8.3	6.7	6.0	89.7	85.0	63.3	25.0	41.7	21.7
BAR 12PP 612	8.7	8.0	7.3	89.7	78.3	80.0	8.3	4.7	5.7	93.0	76.7	63.3	33.3	61.7	13.3
SR 2150 (SRX 5321)	7.3	6.0	6.7	93.0	76.7	78.0	7.3	5.7	6.7	86.3	66.7	63.3	23.3	50.0	6.7
ARROWHEAD	9.0	7.7	7.0	97.7	85.0	66.7	9.0	8.3	6.7	99.0	95.0	61.7	15.0	23.3	6.7
DAUNTLESS (A05-315)	8.7	7.3	8.0	97.7	71.7	80.0	9.0	8.0	6.7	99.0	93.3	61.7	26.7	33.3	8.3
MIDNIGHT	9.0	7.7	7.7	99.0	81.7	88.3	8.3	7.7	6.3	91.0	86.7	61.7	26.7	31.7	13.3
PST-K9-97	9.0	6.3	8.0	99.0	80.0	81.7	9.0	4.0	6.0	99.0	58.3	61.7	20.0	45.0	13.3
A05-999	9.0	8.0	7.7	99.0	86.7	80.0	9.0	8.3	5.3	99.0	88.3	60.0	5.0	18.3	3.3
BAR VV 118532	7.0	6.3	7.3	74.7	66.7	71.7	7.3	5.7	5.7	82.7	65.0	60.0	33.3	60.0	20.0
CABERNET	9.0	7.3	8.3	90.0	66.7	76.7	7.7	5.3	5.3	90.0	70.0	60.0	20.0	35.0	8.3
PST-K9-99	9.0	7.7	8.7	97.7	85.0	94.3	8.7	6.7	6.0	97.7	83.3	60.0	33.3	36.7	3.3
SRX 466	9.0	8.0	7.7	97.7	76.7	81.7	8.3	8.3	6.7	94.7	86.7	60.0	35.0	30.0	15.0
A04-36	8.0	8.7	7.3	97.7	83.3	90.0	8.3	7.7	6.0	96.0	85.0	58.3	21.7	35.0	15.0
A05-360	9.0	8.7	8.3	99.0	91.7	91.7	8.3	7.3	5.3	99.0	83.3	58.3	25.0	35.0	11.7
A06-47	9.0	6.7	7.7	93.0	80.0	75.0	8.0	7.3	5.7	96.0	85.0	58.3	43.3	43.3	10.0
BAR 8PP 504	8.0	7.7	8.3	96.0	76.7	83.3	8.7	6.3	6.0	96.0	75.0	58.3	21.7	36.7	13.3
PICK 4340	6.7	5.0	7.0	78.0	50.0	76.7	6.7	4.0	6.0	79.7	51.7	58.3	18.3	58.3	10.0
SRX 4338	8.7	6.3	6.3	94.7	65.0	61.7	8.7	7.0	5.0	99.0	73.3	58.3	26.7	36.7	11.7
A00-4199	9.0	8.0	9.0	92.7	88.3	90.0	8.7	7.3	6.3	96.0	88.3	56.7	15.0	20.0	5.0
AWARD	8.3	6.0	8.0	96.0	70.0	88.3	7.3	4.0	5.7	88.0	61.7	56.7	33.3	60.0	18.3
BAR PP 119327	8.0	8.0	8.0	96.0	76.7	80.0	9.0	7.7	5.3	96.0	73.3	56.7	16.7	28.3	3.3
BLUE NOTE	6.7	6.7	7.7	78.3	63.3	65.0	7.7	6.0	5.7	79.7	60.0	56.7	26.7	40.0	5.0
BURL 3-51	7.7	6.7	7.3	81.3	71.7	73.3	7.7	6.0	5.0	88.0	81.7	56.7	40.0	46.7	15.0
EMPIRE	8.3	7.7	7.7	85.0	68.3	73.3	8.3	7.7	5.3	96.0	81.7	56.7	25.0	30.0	13.3
ENDURANCE (PST-K4-7)	9.0	5.0	7.0	89.3	51.7	70.0	9.0	6.0	6.0	99.0	65.0	56.7	21.7	43.3	6.7
GEISHA (DPPP818)	9.0	7.3	7.7	94.7	81.3	75.0	8.7	6.7	5.7	99.0	71.7	56.7	26.7	35.0	6.7
KEENELAND (A04-342)	8.0	6.3	6.7	90.0	66.7	63.3	8.0	7.0	5.0	96.0	78.3	56.7	25.0	28.3	8.3
ZEDOR (PPH 9131)	7.7	7.7	7.7	91.7	75.0	75.0	8.0	6.7	5.7	88.0	66.7	56.7	25.0	36.7	8.3
BAR PP 119326	9.0	8.3	7.7	94.7	81.7	81.7	8.7	5.7	5.3	97.7	68.3	55.0	36.7	38.3	3.3
BLACKJACK	7.0	6.0	6.7	51.3	60.0	61.7	7.0	6.0	5.0	77.7	66.7	55.0	30.0	53.3	16.7
RAD-1492	8.0	7.7	8.0	82.7	73.3	76.7	7.7	5.7	5.7	79.7	70.0	55.0	30.0	56.7	11.7

TABLE 9. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2016 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC			ON SEPTEMBER 27			AFTER TRAFFIC IN FALL			ON NOVEMBER 2-4			% POA ANNUA (DEC 1)		
	UNIFORMITY RATINGS			FULLNESS OF CANOPY			UNIFORMITY RATINGS			FULLNESS OF CANOPY					
	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC	NO TRAFFIC	CADY TRAFFIC	RUTGERS TRAFFIC
SUDDEN IMPACT	8.0	5.3	7.3	94.7	60.0	73.3	8.0	5.7	5.3	96.0	63.3	55.0	35.0	50.0	11.7
BAR PP 110358	9.0	8.7	8.3	99.0	91.7	88.3	9.0	7.0	5.3	99.0	81.7	53.3	23.3	38.3	13.3
BURL 06-11	7.3	5.7	7.7	83.0	58.3	81.7	7.7	5.7	5.7	93.0	55.0	53.3	25.0	45.0	16.7
SHAMROCK	7.7	7.0	6.7	71.7	73.3	63.3	6.3	5.0	5.0	79.7	70.0	53.3	26.7	33.3	8.3
AKB 2555	8.7	6.0	6.7	94.7	71.7	80.0	7.7	5.7	4.7	93.0	65.0	51.7	26.7	38.3	8.3
BARDUKE	6.3	5.7	6.3	71.3	70.0	61.7	6.0	4.3	4.7	68.0	53.3	51.7	28.3	66.7	10.0
OASIS (A98-344)	7.7	3.7	7.3	89.7	56.7	75.0	6.7	4.7	5.3	78.3	50.0	51.7	46.7	40.0	18.3
PST-K9-90	7.3	6.0	6.3	82.7	71.7	71.7	7.7	5.3	4.7	82.7	75.0	51.7	16.7	53.3	15.0
A04-38	6.7	7.7	7.7	79.7	76.7	83.3	7.3	6.3	5.0	83.0	66.7	50.0	20.0	28.3	15.0
J-1770	7.3	5.3	7.3	83.0	50.0	75.0	7.3	4.7	5.3	88.0	48.3	50.0	26.7	50.0	15.0
RAD-507	6.3	5.7	7.0	68.0	61.7	75.0	5.7	4.7	4.7	69.7	51.7	50.0	28.3	43.3	10.0
3733	9.0	7.0	7.0	97.7	83.3	76.7	8.7	7.0	5.0	99.0	85.0	48.3	23.3	55.0	6.7
A06-26	8.3	5.3	7.7	89.3	60.0	78.0	8.0	5.7	5.3	96.0	60.0	48.3	26.7	43.3	10.0
LUNAR (PST-07-261)	8.3	5.3	6.0	94.3	71.7	81.7	8.0	5.0	4.3	99.0	60.0	48.3	25.0	41.7	15.0
PICK 033	8.7	8.7	8.3	93.0	71.7	81.7	8.3	6.7	5.0	91.3	63.3	48.3	21.7	33.3	11.7
PICK MP07	9.0	8.0	8.0	94.7	80.0	75.0	8.0	5.0	5.0	96.0	70.0	48.3	38.3	56.7	13.3
PST-K4-3	7.3	6.0	7.3	78.0	73.3	75.0	7.7	6.0	4.7	86.0	68.3	48.3	31.7	51.7	20.0
NU CHICAGO	7.0	3.7	6.3	70.0	36.7	63.3	6.7	4.0	4.7	73.0	38.3	46.7	38.3	60.0	18.3
A05-TB-382	7.0	7.0	7.3	80.0	66.7	80.0	7.3	4.7	5.0	83.3	50.0	45.0	30.0	58.3	16.7
AMERICA	8.0	7.0	8.0	84.7	65.0	78.3	7.0	4.3	4.7	91.0	68.3	45.0	35.0	51.7	20.0
LEGEND (A10-1)	5.3	5.3	6.7	90.0	65.0	78.3	6.3	5.0	5.0	78.3	56.7	45.0	38.3	51.7	13.3
PICK TD9	4.0	4.0	5.0	70.0	40.0	71.7	4.3	4.0	3.7	61.7	56.7	45.0	25.0	68.3	15.0
WATERWORKS (A05-204)	6.7	4.7	5.3	81.7	61.7	66.7	6.3	3.7	4.0	86.7	45.0	45.0	38.3	45.0	23.3
ZINGER (A05-306)	6.0	5.0	6.7	78.0	58.3	68.3	7.3	5.3	5.0	86.0	66.7	45.0	26.7	40.0	10.0
A98-363	8.3	8.7	7.0	86.7	70.0	75.0	8.0	6.7	4.3	96.0	60.0	43.3	20.0	33.3	15.0
BLUEBANK (A03-1017)	6.0	4.3	5.7	70.0	55.0	61.7	6.3	5.0	5.0	79.7	56.7	43.3	25.0	45.0	15.0
J-1853	6.7	6.0	6.0	71.3	68.3	58.3	6.7	6.3	3.7	78.0	70.0	43.3	21.7	33.3	10.0
MERLOT (LTP-08-6)	6.7	6.3	6.0	78.0	66.7	66.7	7.3	5.7	5.0	85.0	71.7	43.3	31.7	26.7	8.3
SKYE	6.3	6.7	6.0	69.3	71.7	76.7	6.0	6.0	4.3	74.3	70.0	43.3	28.3	33.3	15.0
KENBLUE	6.3	6.3	7.0	80.0	65.0	75.0	6.7	4.3	3.7	81.3	48.3	41.7	35.0	51.7	18.3
RAD-849	7.0	5.0	6.0	79.3	66.7	73.0	6.3	4.7	4.3	79.7	53.3	41.7	26.7	61.7	21.7
RUSH	9.0	5.3	6.0	96.3	53.3	70.0	8.7	5.0	5.3	99.0	58.3	41.7	6.7	25.0	5.0
MAZAMA (A04-74)	7.3	5.7	7.3	94.7	66.7	71.7	7.7	5.3	4.7	86.3	60.0	36.7	35.0	43.3	15.0
J-1136	7.3	5.7	5.3	85.0	60.0	60.0	7.3	6.0	4.7	79.7	65.0	33.3	21.7	40.0	8.3
A05-329	6.3	5.0	5.0	66.7	58.3	61.7	6.3	5.0	3.7	70.0	45.0	30.0	36.7	48.3	6.7
BLUE COAT (AKB 2282)	6.0	5.7	4.0	68.0	46.7	36.7	6.0	4.3	2.3	73.0	55.0	28.3	16.7	43.3	8.3
LSD VALUE	8.2	4.1	3.2	87.2	51.9	57.8	4.7	5.8	2.3	68.6	62.5	29.0	21.9	46.7	13.4
C.V. (%)	24.6	26.3	18.6	22.0	25.0	21.0	19.7	33.8	21.8	18.2	29.5	25.0	39.7	43.1	58.0

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 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2016 DATA

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

NAME	GENETIC COLOR	PERCENT MAY	COVER JULY	BEFORE TRAFFIC SEP_1	AFTER TRAFFIC OCT_1 10 GAME	PERCENT RECOVERY FROM TRAFFIC		SEEDHEAD RATINGS	QUALITY RATINGS												
						NOV_1 1-MONTH	DEC_1 2-MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
J-1770	8.0	92.7	80.0	92.7	75.7	79.7	66.0	8.3	5.3	5.3	7.0	8.3	7.3	5.3	6.3	6.7	8.3	7.0	7.0	5.3	6.6
LUNAR (PST-07-261)	8.3	93.3	94.0	87.7	60.3	68.0	52.7	7.7	5.0	5.0	6.0	8.0	7.7	6.7	8.0	7.7	8.0	6.3	6.0	5.0	6.6
NU CHICAGO	8.0	91.3	87.3	93.0	73.7	55.3	59.3	8.3	5.0	5.3	6.7	8.0	7.0	4.7	7.0	8.0	8.3	7.3	7.0	5.0	6.6
RAD-1492	6.3	93.0	93.7	96.0	65.0	68.3	54.0	7.7	4.7	5.7	5.3	7.0	7.7	7.3	7.7	7.7	9.0	6.7	6.3	4.7	6.6
RUSH	8.0	93.3	91.7	90.7	64.7	58.7	57.3	8.3	5.0	5.3	6.3	8.0	7.7	6.7	7.3	7.0	8.3	6.3	5.7	5.0	6.6
WATERWORKS (A05-204)	7.3	93.3	94.7	95.3	69.7	75.0	56.0	7.0	5.3	5.3	5.3	7.0	7.7	6.7	8.0	8.0	8.7	6.7	6.0	5.0	6.6
3733	7.0	93.3	94.0	96.3	71.0	45.0	53.3	7.7	5.0	5.3	5.7	8.0	7.7	5.7	7.7	7.0	8.7	6.7	5.7	5.0	6.5
A05-360	7.0	93.3	94.0	85.0	48.0	38.0	51.0	8.7	4.7	5.3	6.0	8.0	8.0	8.0	7.7	7.3	8.0	5.7	4.7	4.7	6.5
ARAMINTHA (PP 10847)	5.3	92.3	92.7	93.7	65.7	51.3	49.7	8.3	4.7	5.0	5.7	7.3	7.3	7.7	7.7	7.3	8.3	6.7	5.3	4.7	6.5
BAR 8PP 504	5.0	92.7	92.3	91.7	66.7	31.3	52.0	8.0	5.0	5.3	6.0	7.0	7.3	7.0	7.3	7.7	8.0	6.7	6.0	5.0	6.5
BURL 06-11	5.7	93.7	94.0	93.0	59.0	41.3	51.7	7.3	5.0	5.0	6.0	7.3	7.7	7.0	8.0	7.3	8.0	6.3	5.7	5.0	6.5
J-1136	8.3	93.3	72.7	93.0	63.3	65.7	59.7	9.0	5.0	5.7	6.3	8.3	7.7	4.3	6.0	7.7	8.7	6.7	6.3	5.0	6.5
MAZAMA (A04-74)	8.0	91.3	93.0	92.7	65.3	52.0	58.3	9.0	5.0	5.3	6.7	7.0	7.0	5.3	7.7	8.0	8.7	6.7	5.7	5.0	6.5
MIDNIGHT	9.0	92.7	90.3	96.0	66.3	65.3	57.3	9.0	5.0	5.3	6.7	7.3	7.3	5.7	7.0	7.0	9.0	6.7	6.0	5.0	6.5
OASIS (A98-344)	7.0	93.3	93.7	94.3	57.7	85.0	53.7	7.7	5.0	5.3	5.7	8.0	7.7	6.7	7.7	7.3	8.3	6.3	5.3	5.0	6.5
PST-K9-90	6.0	93.7	94.0	95.0	76.0	61.7	54.0	7.7	5.0	5.0	5.0	7.7	8.0	7.3	7.7	6.0	9.0	7.0	5.7	5.0	6.5
RUBIX (4S2W)	6.3	92.7	94.3	77.0	64.7	55.0	56.0	8.0	5.0	5.0	6.3	7.7	7.3	6.3	8.3	7.3	7.3	6.7	6.0	5.0	6.5
SR 2150 (SRX 5321)	5.0	92.3	93.0	88.0	73.7	46.0	61.3	8.7	5.0	5.7	6.0	8.0	7.7	5.0	7.7	7.7	7.3	6.7	6.0	5.0	6.5
SUDDEN IMPACT	8.7	92.0	87.7	93.3	63.7	52.3	58.0	8.7	5.0	5.3	6.7	8.0	7.0	5.0	6.7	8.0	8.7	6.7	5.7	5.0	6.5
A05-329	7.0	91.7	93.3	95.7	63.7	38.3	53.3	7.0	4.7	5.0	5.7	6.7	7.0	6.3	7.7	8.0	8.0	7.0	5.3	5.0	6.4
A06-26	7.7	92.7	94.0	94.0	53.0	55.0	52.3	8.0	5.0	5.0	5.3	6.7	7.3	8.0	8.0	7.3	8.0	6.3	5.3	5.0	6.4
BLUE COAT (AKB 2282)	7.0	90.3	94.0	81.0	46.7	45.3	53.3	7.7	5.0	5.0	5.7	7.0	7.0	6.7	8.0	7.7	8.0	6.0	5.3	5.0	6.4
BOLT (H99-1653)	6.3	92.7	94.3	92.0	65.7	41.7	52.7	8.7	5.0	5.0	5.7	7.0	7.7	6.3	8.0	8.0	7.7	6.3	5.7	5.0	6.4
J-1853	8.7	91.0	81.3	93.7	68.7	65.7	58.3	8.7	5.0	5.3	6.7	7.7	7.0	5.0	6.0	7.0	8.7	7.0	6.7	5.0	6.4
LEGEND (A10-1)	8.0	93.0	94.0	94.7	69.3	45.0	55.0	8.7	5.0	5.0	5.3	7.0	7.7	5.3	8.0	7.3	8.3	7.0	6.0	5.0	6.4
PICK MP07	6.7	92.3	93.3	94.0	53.0	47.7	49.0	8.0	4.7	5.0	6.3	7.3	7.3	7.3	7.7	7.3	8.7	5.7	5.0	4.7	6.4
PST-K4-3	7.3	93.3	93.3	92.7	59.7	31.7	51.3	8.0	5.0	5.0	6.3	6.7	7.7	6.7	7.7	7.0	8.7	6.3	4.7	5.0	6.4
PST-T10-18	6.0	92.3	93.7	93.0	66.0	48.7	54.3	8.0	5.0	5.0	6.0	7.3	7.3	7.0	7.7	7.3	7.7	6.3	5.7	5.0	6.4
RAD-849	6.7	91.7	89.0	96.3	74.3	52.3	58.0	8.0	5.0	5.0	5.3	6.3	7.3	6.0	7.3	7.7	9.0	7.0	6.0	5.0	6.4
SRX 4338	7.3	92.3	95.3	90.7	58.7	38.3	54.3	8.7	5.0	5.7	5.7	7.0	7.0	7.3	8.0	7.0	8.0	6.3	5.0	5.0	6.4
ZINGER (A05-306)	5.7	93.3	91.7	94.3	63.7	38.0	52.7	8.0	5.0	5.0	5.3	6.3	7.7	6.3	7.3	8.0	8.0	6.7	5.7	5.0	6.4
A06-47	6.3	93.0	94.3	91.7	53.3	47.7	48.3	8.0	5.0	5.0	5.0	7.0	7.7	6.7	8.0	7.3	8.3	5.7	4.7	5.0	6.3
KENBLUE	4.7	92.7	94.7	97.3	54.7	47.7	48.7	8.7	4.7	4.7	4.3	6.3	7.7	7.7	8.0	7.7	8.7	6.0	5.0	4.7	6.3
THERMAL BLUE	6.0	92.0	89.7	87.7	61.3	71.7	56.0	8.0	5.0	5.0	6.3	7.3	7.3	6.0	6.7	6.3	7.7	6.3	5.3	5.0	6.2
A00-4199	5.3	93.0	88.7	84.3	53.3	54.7	51.0	8.0	5.0	5.0	5.7	7.0	7.7	6.0	7.0	6.3	7.3	6.3	5.0	5.0	6.1
ENDURANCE (PST-K4-7)	7.7	92.3	94.0	88.0	59.7	24.0	43.0	8.3	4.3	4.7	4.7	6.0	7.3	5.3	8.0	8.0	8.3	6.7	5.3	4.3	6.1
ZEDOR (PPH 9131)	5.0	92.0	92.3	93.7	57.3	51.0	46.3	7.0	4.3	4.3	5.0	7.0	7.3	7.0	7.3	6.7	7.7	6.0	4.0	4.3	5.9
LSL VALUE	1.2	3.0	7.4	11.0	24.9	111.1	12.6	0.8	0.6	1.1	1.9	1.9	1.5	1.5	1.0	2.5	1.1	1.4	1.8	0.7	0.7
C.V. (%)	11.3	1.4	4.3	5.2	17.8	55.1	11.8	6.1	5.8	8.6	13.5	10.2	6.6	12.9	7.1	10.3	6.5	10.5	14.9	6.0	4.8

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2016 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	QUALITY RATINGS										MEAN
			FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BARVETTE HGT (BAR VV 0709)	6.0	8.7	6.0	7.0	7.0	6.0	5.0	4.0	5.3	6.7	7.0	7.7	6.4
A05-TB-382	6.7	8.0	5.3	5.7	6.7	6.7	6.3	5.0	5.3	4.7	4.3	5.0	5.5
MAZAMA (A04-74)	8.0	7.0	5.7	5.7	6.0	7.0	6.3	5.7	5.0	4.3	3.7	4.3	5.4
PICK 033	7.3	8.0	4.7	5.0	6.3	6.0	6.0	5.3	5.7	4.7	4.7	5.3	5.4
SRX 466	7.7	8.0	5.0	5.3	6.3	7.0	6.3	4.3	4.7	5.0	4.3	4.7	5.3
J-1770	8.0	8.0	5.7	5.7	5.7	7.3	5.7	5.0	4.7	4.0	3.7	4.7	5.2
BAR PP 110358	6.3	7.7	5.0	4.7	5.3	6.3	7.0	4.7	5.0	4.0	4.0	4.7	5.1
AWARD	7.0	8.0	6.0	5.7	5.7	6.3	5.7	4.7	5.0	4.0	3.7	3.7	5.0
PST-T10-18	6.3	8.3	5.3	5.7	6.0	7.3	6.3	4.3	4.3	3.3	3.3	4.0	5.0
BLUEBANK (A03-1017)	8.0	8.0	5.0	5.3	5.7	7.0	5.7	4.3	4.0	3.7	3.3	4.7	4.9
BLUE NOTE	7.0	8.3	5.0	5.0	5.3	6.7	5.7	5.3	5.0	3.7	3.0	3.3	4.8
SRX 4338	8.0	8.3	4.7	5.0	5.0	6.7	5.7	4.0	5.0	4.0	4.0	4.5	4.8
MIDNIGHT	7.7	8.0	5.0	5.0	5.3	6.7	5.7	5.0	4.0	3.0	2.5	3.0	4.7
NU CHICAGO	7.7	8.0	4.7	5.0	5.0	6.7	6.7	4.3	4.3	3.3	3.3	4.0	4.7
SRX 2758	8.0	8.0	5.3	5.3	5.7	7.0	6.0	4.0	3.7	3.3	2.7	2.7	4.6
BAR 12PP 612	7.3	8.0	5.0	5.0	5.0	5.7	5.3	3.3	2.7	4.0	3.5	4.5	4.5
BAR VV 118532	6.3	8.0	5.7	5.3	6.7	6.0	5.7	3.0	3.3	3.0	3.0	3.0	4.5
J-1136	8.0	8.0	4.7	5.0	5.0	6.7	7.0	4.7	3.7	2.7	2.7	3.3	4.5
KEENELAND (A04-342)	8.0	8.3	5.0	5.0	4.7	6.3	5.3	5.0	5.0	2.7	2.7	3.0	4.5
MERLOT (LTP-08-6)	8.0	8.0	5.0	5.0	5.7	6.7	5.7	5.7	4.3	2.7	2.3	2.3	4.5
PST-K9-99	7.0	5.7	4.7	4.7	5.0	7.0	6.0	4.7	4.0	3.0	3.0	3.0	4.5
A05-360	6.7	8.0	4.0	4.7	5.3	5.7	5.7	4.7	5.0	3.3	3.0	3.0	4.4
A06-46	7.7	8.3	5.0	5.7	5.7	6.0	5.7	4.3	4.0	3.0	2.3	2.3	4.4
BAR 8PP 504	6.3	8.0	5.0	5.3	5.3	6.0	4.7	3.7	3.3	3.7	3.7	3.3	4.4
RAD-507	6.7	8.0	4.3	5.0	5.7	6.7	5.7	4.3	4.3	2.7	2.7	2.7	4.4
SUDDEN IMPACT	7.7	7.3	5.0	5.0	4.7	6.3	6.0	4.3	4.3	3.0	2.7	2.7	4.4
THERMAL BLUE	7.0	7.5	4.5	4.5	6.0	6.0	5.5	3.5	3.5	3.5	3.0	3.5	4.4
A05-361	7.0	8.0	4.3	4.7	4.7	5.7	5.0	4.0	4.0	3.0	3.0	3.5	4.3
BLACKJACK	6.7	8.0	4.0	4.3	4.3	5.3	4.7	4.7	5.0	4.3	3.0	3.7	4.3
CABERNET	6.7	8.0	4.7	5.0	5.3	6.3	6.3	4.0	3.3	2.7	2.7	2.7	4.3
BOLT (H99-1653)	6.3	8.3	4.0	4.3	5.3	6.3	5.7	4.7	4.3	3.0	2.3	2.7	4.3
SKYE	7.3	8.0	4.7	5.0	5.3	6.0	6.0	4.7	3.7	2.7	2.3	2.3	4.3
ZEDOR (PPH 9131)	5.7	7.3	4.7	5.0	6.0	5.7	4.7	3.3	3.0	3.3	3.3	3.7	4.3
ARAMINTHA (PP 10847)	5.3	7.3	4.7	4.3	4.0	5.3	5.0	4.0	3.3	3.3	3.7	4.7	4.2
AVID	7.7	7.0	5.0	5.0	5.0	5.7	5.7	4.0	3.3	2.5	2.5	2.5	4.2
BARON	7.0	7.3	4.0	3.7	4.3	5.7	5.0	4.0	4.7	3.7	3.3	3.7	4.2
J-1853	7.7	8.0	4.3	5.0	4.3	4.7	5.0	4.0	3.7	3.3	3.3	4.3	4.2
LEGEND (A10-1)	8.0	8.0	4.7	4.3	4.3	5.0	5.3	4.3	3.7	3.3	3.3	3.3	4.2
PICK 4340	8.0	8.3	3.0	4.0	5.0	6.7	5.3	5.0	4.3	3.0	3.0	3.0	4.2
PICK TD8	7.3	7.3	4.3	4.7	4.3	5.7	5.3	4.0	4.0	3.3	2.7	3.3	4.2
A00-2882	7.7	8.0	4.0	4.3	4.7	6.0	6.3	4.0	3.3	2.7	2.7	3.3	4.1
A01-1106	7.7	7.3	3.7	3.7	4.0	6.0	4.7	4.0	3.0	3.5	3.5	5.0	4.1
A06-47	7.0	8.0	4.3	4.7	4.7	5.3	5.3	4.7	3.7	3.0	2.3	2.7	4.1
PST-K9-97	7.7	8.0	4.0	4.0	3.7	5.3	6.0	5.3	3.0	2.0	2.0	2.0	4.1
A06-26	8.0	8.0	4.0	4.3	4.7	6.0	6.0	5.0	3.0	2.3	2.0	2.0	3.9

TABLE 11. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2016 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	QUALITY RATINGS										MEAN
			FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BURL 3-51	8.0	8.0	5.0	4.0	4.0	5.7	4.3	4.0	3.5	2.0	2.0	2.0	3.9
GEISHA (DPPP818)	7.3	6.7	3.3	4.0	3.7	5.7	4.7	4.0	4.0	3.0	3.0	3.0	3.9
BAR PP 119327	6.3	6.0	4.7	4.3	4.3	5.7	4.3	3.3	3.3	2.7	2.3	2.7	3.8
BARDUKE	6.7	7.3	3.7	3.3	4.3	4.7	4.3	4.0	4.0	3.3	3.0	3.0	3.8
BLUE COAT (AKB 2282)	7.3	8.0	4.0	3.3	3.7	4.7	5.0	4.3	3.7	3.3	3.0	3.0	3.8
BURL 06-11	7.0	8.0	4.3	4.3	4.3	5.0	4.3	4.0	3.5	2.5	2.5	2.5	3.8
KENBLUE	6.3	9.0	3.3	3.7	4.3	4.0	3.7	4.0	3.7	4.0	4.0	3.7	3.8
AMERICA	7.3	7.7	4.7	4.3	4.0	5.0	4.0	4.0	3.3	2.7	2.7	2.3	3.7
WATERWORKS (A05-204)	7.7	7.0	4.7	4.3	4.3	4.7	4.7	3.7	3.3	2.7	2.3	2.3	3.7
A00-4199	7.0	8.0	3.3	4.3	4.0	4.7	4.3	3.3	3.7	2.7	2.7	2.7	3.6
A05-329	8.0	7.3	4.0	4.0	3.7	4.3	4.0	4.0	3.0	3.0	3.0	3.0	3.6
A98-363	6.0	8.0	4.0	4.0	4.3	4.7	5.3	4.3	2.7	2.3	2.0	2.0	3.6
BAR VV 112916	6.7	9.0	3.7	4.0	4.3	5.0	4.3	3.3	3.7	3.3	2.0	2.3	3.6
ENDURANCE (PST-K4-7)	8.0	8.0	4.0	4.5	3.5	6.0	5.0	4.5	2.0	2.0	2.0	2.0	3.6
PICK TD9	7.3	8.0	3.7	3.7	3.7	3.7	4.0	3.7	3.7	3.7	3.0	3.0	3.6
SHAMROCK	7.3	8.0	3.7	3.3	4.3	4.7	4.3	3.7	3.3	2.7	3.0	3.0	3.6
AKB 2555	7.3	7.7	3.3	3.7	3.7	4.3	4.0	4.0	3.3	3.0	3.0	2.7	3.5
BAR PP 119326	6.7	7.3	3.3	3.7	4.3	4.3	4.0	3.7	3.3	2.7	3.0	3.0	3.5
RUSH	7.7	8.0	4.3	4.3	3.3	4.0	4.3	3.3	3.0	3.0	2.7	2.7	3.5
EMPIRE	7.0	7.0	3.0	3.3	3.3	4.3	5.0	4.5	3.0	2.0	2.0	2.5	3.4
LUNAR (PST-07-261)	7.7	8.0	3.3	4.0	5.0	6.0	5.0	4.0	2.5	2.0	2.0	2.0	3.4
OASIS (A98-344)	7.0	8.0	3.3	3.7	4.0	4.3	5.3	4.0	3.0	2.0	2.0	2.0	3.4
PICK MP07	6.0	8.3	3.7	4.0	4.0	4.3	4.0	3.0	3.0	3.3	2.3	2.3	3.4
PST-K4-3	7.0	7.7	3.7	4.3	3.7	4.0	4.3	3.7	3.3	2.7	2.3	2.3	3.4
DAUNTLESS (A05-315)	6.3	8.0	2.7	3.3	3.7	4.3	5.7	4.0	2.3	2.0	2.0	2.7	3.3
RAD-1492	7.0	8.0	3.3	3.7	4.0	4.0	4.3	3.3	3.0	2.7	2.3	2.0	3.3
RUBIX (4S2W)	6.7	8.3	3.0	3.3	3.3	4.0	4.3	3.7	3.0	3.0	2.7	2.7	3.3
3733	6.7	7.3	3.3	3.7	3.7	4.0	4.3	4.0	2.7	2.3	2.0	2.3	3.2
ARROWHEAD	7.3	8.0	3.7	3.3	3.3	4.7	4.0	4.0	2.7	2.0	2.0	2.0	3.2
JACKRABBIT (PST-K10-106D)	7.3	8.0	3.7	3.7	3.3	4.0	4.0	3.3	3.3	2.3	2.0	2.0	3.2
A04-36	6.7	8.0	2.3	2.7	3.3	3.7	4.0	3.7	3.0	2.3	2.3	2.3	3.0
A05-999	7.0	8.3	2.7	3.0	3.0	3.3	3.3	3.0	3.3	3.3	2.7	2.7	3.0
SR 2150 (SRX 5321)	7.0	8.0	3.0	3.3	3.7	3.7	3.7	3.3	2.0	2.3	2.3	2.3	3.0
A04-38	7.3	8.0	3.0	2.7	3.0	3.7	3.7	3.0	3.0	2.3	2.3	2.3	2.9
PST-K9-90	7.3	8.0	3.7	3.3	3.3	3.3	3.0	3.0	2.7	2.3	2.3	2.3	2.9
ZINGER (A05-306)	7.0	8.0	2.7	2.7	3.3	3.7	3.3	3.3	2.7	2.3	2.3	2.3	2.9
RAD-849	7.3	8.0	3.3	3.0	3.0	4.0	3.0	2.7	2.3	2.3	2.3	2.3	2.8
LSD VALUE	1.1	0.6	1.7	1.8	2.0	2.0	2.1	1.7	2.1	1.9	1.7	1.7	1.1
C.V. (%)	8.6	4.9	21.4	21.6	23.0	20.9	21.5	19.8	26.5	29.8	29.5	31.0	15.8

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 11.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2016 DATA

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

NAME	SUMMER DENSITY	FALL DENSITY	PERCENT GROUND COVER		WINTER COLOR	SUMMER PATCH RATINGS		
			SUMMER	FALL		JULY	AUGUST	SEPTEMBER
BARVETTE HGT (BAR VV 0709)	8.7	8.3	97.7	99.0	6.3	4.5	6.0	7.7
A05-TB-382	8.0	5.7	99.0	95.3	6.0	6.0	6.3	6.0
MAZAMA (A04-74)	8.3	5.3	99.0	89.0	6.0	7.7	5.0	3.7
PICK 033	8.0	5.0	96.7	64.3	5.7	6.3	6.0	5.0
SRX 466	7.7	5.7	97.7	97.7	6.0	6.0	5.7	6.7
J-1770	8.0	4.7	99.0	90.0	6.0	7.0	5.0	4.3
BAR PP 110358	8.0	5.7	98.3	93.7	5.7	5.3	6.7	5.3
AWARD	8.0	5.7	97.7	95.3	6.3	5.7	6.0	3.7
PST-T10-18	7.3	4.7	97.7	90.7	6.0	5.0	4.3	3.0
BLUEBANK (A03-1017)	7.7	5.7	96.0	91.7	6.0	5.3	5.0	4.7
BLUE NOTE	8.3	4.3	99.0	76.7	5.7	7.0	4.7	2.3
SRX 4338	7.3	4.5	96.0	92.5	6.0	5.3	5.5	3.0
MIDNIGHT	7.7	4.0	97.7	85.0	5.7	7.0	6.0	4.0
NU CHICAGO	7.7	4.3	97.0	80.7	6.0	5.0	5.0	4.0
SRX 2758	8.0	4.7	97.7	88.3	6.0	5.3	3.0	3.7
BAR 12PP 612	7.3	4.5	96.3	86.0	6.0	4.3	3.7	4.0
BAR VV 118532	6.7	4.3	96.0	90.0	5.7	3.7	4.0	3.7
J-1136	8.0	4.0	98.3	81.7	6.0	5.3	3.3	2.7
KEENELAND (A04-342)	7.7	4.3	98.3	86.7	6.0	6.7	5.3	3.0
MERLOT (LTP-08-6)	8.0	3.0	98.3	73.3	5.7	7.0	4.3	2.7
PST-K9-99	8.3	4.0	97.7	85.0	5.7	5.3	3.7	2.7
A05-360	8.3	4.0	98.3	85.0	6.0	7.3	5.7	3.0
A06-46	7.7	3.3	97.0	70.0	6.0	6.0	3.0	2.7
BAR 8PP 504	7.7	5.0	97.7	93.0	5.7	4.7	4.3	4.7
RAD-507	7.0	4.3	97.7	82.3	6.0	6.3	4.3	2.7
SUDDEN IMPACT	8.0	4.3	98.3	88.3	6.3	6.0	4.7	2.3
THERMAL BLUE	6.5	4.5	96.0	87.0	5.3	6.5	4.0	4.0
A05-361	7.0	4.0	98.3	90.0	6.0	5.0	3.7	3.0
BLACKJACK	7.3	4.3	99.0	93.3	6.0	6.0	5.7	4.3
CABERNET	8.0	3.3	96.3	71.7	6.0	5.0	3.7	3.0
BOLT (H99-1653)	7.3	4.0	96.3	81.7	6.0	5.3	3.3	2.7
SKYE	8.0	3.7	98.3	85.0	5.7	6.0	3.7	2.7
ZEDOR (PPH 9131)	7.0	4.3	91.3	89.0	5.7	4.0	2.0	3.0
ARAMINTHA (PP 10847)	8.0	6.3	98.3	94.7	6.0	5.0	3.0	3.7
AVID	7.3	2.5	96.3	70.0	5.7	5.7	2.3	2.5
BARON	7.7	4.7	98.3	87.3	6.0	5.7	5.7	4.0
J-1853	8.0	4.3	97.7	86.7	6.0	5.0	4.0	2.7
LEGEND (A10-1)	8.0	4.7	99.0	78.3	6.0	7.0	4.0	3.0
PICK 4340	8.0	4.7	99.0	77.3	6.0	7.7	5.0	3.7
PICK TD8	7.7	4.3	97.0	93.3	6.0	5.7	3.3	3.7
A00-2882	7.3	4.0	97.0	69.0	6.3	6.3	3.0	2.7
A01-1106	7.0	4.5	97.0	95.0	6.3	5.3	3.7	4.0
A06-47	7.7	4.3	97.0	86.7	5.7	6.0	3.0	3.0
PST-K9-97	8.3	3.5	99.0	72.5	6.0	6.7	3.0	2.5
A06-26	8.0	2.3	99.0	58.3	5.7	7.3	2.0	1.7

TABLE 11.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2016 DATA

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

NAME	SUMMER DENSITY	FALL DENSITY	PERCENT GROUND COVER		WINTER COLOR	SUMMER PATCH RATINGS		
			SUMMER	FALL		JULY	AUGUST	SEPTEMBER
BURL 3-51	7.0	3.0	95.3	50.0	6.0	4.5	3.5	2.5
GEISHA (DPPP818)	7.3	4.0	97.0	82.5	6.0	5.7	3.3	3.0
BAR PP 119327	7.0	3.7	96.3	78.3	5.7	4.0	2.7	2.7
BARDUKE	7.7	4.7	97.0	83.3	6.0	4.7	4.0	3.3
BLUE COAT (AKB 2282)	7.7	3.7	97.7	80.0	5.7	6.7	3.7	3.3
BURL 06-11	7.7	3.0	97.7	77.5	5.7	6.0	3.5	2.0
KENBLUE	6.0	5.3	97.0	88.0	4.3	4.7	4.3	4.3
AMERICA	7.7	3.3	96.0	75.0	5.7	5.3	4.0	2.3
WATERWORKS (A05-204)	7.3	3.3	97.7	73.3	6.0	5.7	3.0	2.0
A00-4199	7.3	3.3	96.3	70.0	6.0	5.7	3.0	2.3
A05-329	7.0	4.0	97.7	80.0	5.7	5.7	3.7	3.3
A98-363	7.0	2.7	97.7	56.7	6.0	6.7	3.0	2.7
BAR VV 112916	7.0	3.7	95.0	73.3	6.0	4.3	4.3	3.3
ENDURANCE (PST-K4-7)	8.0	3.0	96.3	60.0	6.0	5.5	2.0	2.0
PICK TD9	7.7	4.0	99.0	85.0	6.0	5.3	3.7	2.3
SHAMROCK	6.7	4.7	96.0	93.3	5.7	6.7	3.3	3.0
AKB 2555	8.0	4.0	97.7	73.3	6.0	6.3	3.3	2.3
BAR PP 119326	6.3	4.3	91.3	83.3	6.0	4.0	3.0	3.0
RUSH	7.3	3.7	97.0	75.0	5.3	4.7	3.3	2.7
EMPIRE	7.7	3.5	97.0	62.5	6.0	6.0	3.0	2.5
LUNAR (PST-07-261)	7.0	2.7	98.3	63.3	5.3	6.7	3.0	2.3
OASIS (A98-344)	6.7	2.7	97.7	70.0	5.7	6.7	3.0	1.7
PICK MP07	7.0	3.0	90.0	60.0	5.3	3.7	3.0	2.0
PST-K4-3	7.3	3.7	96.3	83.3	5.3	5.0	4.0	3.0
DAUNTLESS (A05-315)	7.3	3.0	97.7	63.3	6.0	5.0	2.3	2.0
RAD-1492	6.3	3.0	95.3	66.7	6.0	4.3	4.0	2.7
RUBIX (4S2W)	7.3	3.7	95.7	80.0	6.0	4.3	3.0	2.7
3733	7.0	3.0	97.0	73.3	6.0	5.3	3.0	2.7
ARROWHEAD	7.0	2.7	97.0	58.3	6.0	5.7	2.3	2.0
JACKRABBIT (PST-K10-106D)	7.0	2.7	94.7	73.3	5.7	5.0	3.3	2.3
A04-36	7.3	3.0	94.7	71.7	5.7	5.3	2.7	2.0
A05-999	6.0	4.0	90.0	88.3	5.7	5.0	3.3	2.7
SR 2150 (SRX 5321)	7.3	3.0	93.0	53.3	6.0	5.7	2.3	2.0
A04-38	7.3	3.0	96.3	63.3	5.3	6.0	3.0	2.3
PST-K9-90	6.7	3.3	94.7	65.0	5.3	5.7	4.0	2.7
ZINGER (A05-306)	7.7	2.7	96.3	63.3	5.3	5.3	3.0	2.0
RAD-849	6.7	3.0	88.0	56.7	5.7	5.7	2.7	1.7
LSD VALUE	1.5	2.1	6.5	36.1	1.0	2.9	2.7	2.5
C.V. (%)	9.5	26.7	2.9	19.4	7.0	21.7	33.8	39.5

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

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

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2016 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
THERMAL BLUE	5.7	2.3	2.0	5.7	6.0	6.3	4.7
BAR PP 119326	5.3	2.0	2.3	5.3	5.7	6.7	4.6
SRX 466	5.3	2.3	2.0	5.0	5.3	5.7	4.3
A04-36	5.7	1.7	1.7	5.0	5.0	6.3	4.2
A05-TB-382	5.3	1.7	1.7	5.3	5.3	6.0	4.2
JACKRABBIT (PST-K10-106D)	5.3	2.3	2.0	4.7	5.0	5.3	4.2
PICK TD9	5.3	1.3	1.0	4.7	5.0	5.3	4.2
3733	5.7	2.0	1.3	4.3	5.0	6.0	4.1
A01-1106	5.7	2.0	1.0	4.3	5.3	5.0	4.1
ARROWHEAD	5.3	1.7	.	4.3	4.3	4.7	4.1
BAR 12PP 612	5.7	1.7	1.7	4.7	4.7	6.0	4.1
PST-K9-99	6.0	1.7	2.3	4.3	5.0	5.3	4.1
RAD-507	5.3	1.7	1.7	4.3	5.0	6.3	4.1
BAR PP 119327	5.7	1.7	1.3	4.7	5.3	5.3	4.0
BLUE NOTE	5.7	2.3	1.3	4.7	4.7	5.3	4.0
SR 2150 (SRX 5321)	5.7	2.0	2.0	4.0	4.7	5.7	4.0
A04-38	5.0	2.0	1.5	4.7	4.3	5.0	3.9
A05-361	5.3	2.3	1.0	4.3	4.0	5.3	3.9
A06-46	5.3	1.3	1.0	4.3	5.0	5.7	3.9
A06-47	5.7	2.3	1.7	3.7	4.7	5.3	3.9
CABERNET	6.0	1.7	1.3	4.3	5.3	4.7	3.9
DAUNTLESS (A05-315)	6.0	2.0	1.5	4.0	4.3	5.3	3.9
GEISHA (DPPP818)	4.7	2.0	2.0	4.7	4.7	5.3	3.9
MAZAMA (A04-74)	5.3	2.0	1.7	4.3	4.7	5.3	3.9
PICK 033	5.3	2.0	1.3	4.7	5.0	5.3	3.9
PICK 4340	5.7	2.0	1.5	3.7	4.3	5.7	3.9
PICK TD8	5.3	2.3	1.3	4.7	4.7	5.0	3.9
RAD-849	5.3	2.0	1.5	4.0	4.7	5.3	3.9
A05-329	4.7	1.7	1.3	4.3	5.0	5.7	3.8
AMERICA	5.7	1.7	1.7	3.7	4.7	5.3	3.8
BLUE COAT (AKB 2282)	4.7	1.7	.	4.0	4.0	4.7	3.8
BLUEBANK (A03-1017)	4.3	2.3	1.3	4.3	5.0	5.7	3.8
ENDURANCE (PST-K4-7)	5.0	2.0	1.3	5.0	4.3	5.3	3.8
LUNAR (PST-07-261)	5.0	2.0	2.0	4.3	4.3	5.0	3.8
OASIS (A98-344)	4.7	2.0	1.7	4.3	5.0	5.3	3.8
PST-K9-90	5.3	2.0	2.0	3.7	4.7	5.3	3.8
PST-T10-18	6.3	1.7	1.5	3.7	4.3	4.7	3.8
RUSH	5.3	2.0	1.3	4.7	4.7	5.0	3.8
SHAMROCK	5.0	2.0	1.0	3.7	4.3	5.0	3.8
A00-2882	5.0	1.7	2.0	3.3	4.0	5.0	3.7
A00-4199	4.7	2.0	2.0	4.3	4.3	4.7	3.7
A05-360	5.3	1.3	1.7	3.7	4.7	5.3	3.7
BAR 8PP 504	5.7	1.3	1.0	4.3	4.7	5.3	3.7
BAR VV 112916	6.0	1.3	1.0	3.3	4.0	4.7	3.7
BAR VV 118532	5.0	2.0	1.7	4.0	4.3	5.0	3.7

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2016 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BOLT (H99-1653)	6.0	1.3	1.3	4.0	4.7	4.7	3.7
LEGEND (A10-1)	4.3	1.7	1.5	4.3	5.0	4.7	3.7
MERLOT (LTP-08-6)	5.0	2.3	1.7	4.0	4.3	4.7	3.7
ZEDOR (PPH 9131)	4.7	2.7	2.0	3.7	4.3	5.0	3.7
AKB 2555	5.0	1.7	1.5	3.7	4.3	5.0	3.6
AVID	4.7	1.7	2.0	4.0	4.3	4.7	3.6
EMPIRE	4.7	2.0	1.3	4.0	4.3	5.0	3.6
J-1770	5.0	2.3	1.3	3.7	4.0	5.0	3.6
KEENELAND (A04-342)	4.3	2.0	1.3	3.7	4.0	6.0	3.6
NU CHICAGO	4.7	1.7	1.7	4.0	4.7	5.0	3.6
PICK MP07	5.3	1.7	1.0	3.7	4.0	5.3	3.6
RUBIX (4S2W)	6.3	2.0	1.0	3.3	4.0	4.7	3.6
SKYE	5.7	2.0	1.0	3.3	4.0	4.7	3.6
WATERWORKS (A05-204)	4.3	1.7	1.7	4.3	5.0	4.7	3.6
ZINGER (A05-306)	5.7	1.3	2.0	3.7	4.3	4.7	3.6
A98-363	5.0	2.0	2.0	3.7	3.7	4.7	3.5
BAR PP 110358	5.0	2.0	1.0	3.7	4.3	5.0	3.5
BARDUKE	5.3	1.3	1.5	4.0	4.0	4.3	3.5
BARON	4.7	2.0	1.7	3.7	4.3	4.7	3.5
PST-K9-97	5.0	1.7	2.0	3.0	4.0	4.3	3.5
BURL 06-11	5.0	1.3	1.3	4.0	4.3	4.7	3.4
J-1853	4.7	2.0	1.0	3.7	4.0	5.0	3.4
KENBLUE	5.7	1.3	1.3	3.3	4.0	4.7	3.4
SUDDEN IMPACT	4.3	2.0	1.0	3.7	4.3	5.3	3.4
ARAMINTHA (PP 10847)	6.3	2.0	1.3	3.0	3.3	4.0	3.3
BLACKJACK	4.3	1.7	1.0	3.3	3.7	5.3	3.3
J-1136	4.7	1.7	2.0	3.3	3.7	4.7	3.3
RAD-1492	5.0	1.7	1.3	3.3	3.7	4.7	3.3
A05-999	4.7	2.0	1.0	3.7	3.7	4.0	3.2
A06-26	4.7	2.3	2.0	3.0	3.7	3.7	3.2
PST-K4-3	5.3	1.7	1.3	3.0	4.3	3.7	3.2
SRX 4338	5.3	1.7	1.0	3.0	3.3	5.0	3.2
AWARD	4.3	1.7	1.5	3.3	3.3	4.3	3.1
SRX 2758	5.0	1.7	1.3	3.0	3.7	4.0	3.1
BARVETTE HGT (BAR VV 0709)	5.3	1.0	1.0	2.7	3.0	4.0	3.0
MIDNIGHT	4.3	2.0	1.0	3.0	3.3	4.0	3.0
BURL 3-51	4.0	1.7	1.0	2.7	2.7	4.0	2.8
LSD VALUE	1.3	1.0	1.6	1.7	3.0	4.4	1.4
C.V. (%)	12.2	23.3	33.5	20.1	21.4	21.0	13.5

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

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

TABLE 13.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IA1	IL1	IN1	KS1	MN1	NJ2	TN1	WA1	MEAN
MIDNIGHT	8.3	8.3	8.0	9.0	7.7	8.3	7.7	9.0	8.3
NU CHICAGO	8.3	8.0	8.7	8.3	7.0	8.0	6.7	9.0	8.0
MAZAMA (A04-74)	8.7	7.7	8.0	8.0	7.7	8.0	7.3	8.7	8.0
LEGEND (A10-1)	7.3	8.0	8.7	8.0	8.3	8.3	6.3	8.3	7.9
BLUEBANK (A03-1017)	8.0	8.3	8.0	8.3	6.7	8.0	7.3	8.7	7.9
J-1136	7.3	8.0	8.7	8.7	7.3	8.3	6.3	8.3	7.9
AWARD	8.7	8.0	7.7	8.3	7.3	7.7	7.0	8.3	7.9
BURL 3-51	8.0	7.7	7.7	7.7	8.0	7.7	7.3	9.0	7.9
J-1770	8.3	8.3	7.7	8.3	7.7	7.3	5.7	8.7	7.8
OASIS (A98-344)	7.0	8.0	8.0	7.7	8.0	7.7	6.7	9.0	7.8
SUDDEN IMPACT	8.0	7.7	8.0	7.7	7.0	7.7	7.0	9.0	7.8
LUNAR (PST-07-261)	7.0	8.0	8.0	6.7	7.7	7.7	7.7	9.0	7.7
J-1853	7.3	8.0	7.3	9.0	7.3	6.7	7.3	8.3	7.7
A01-1106	7.3	7.7	8.3	8.0	6.3	7.0	7.7	8.3	7.6
KEENELAND (A04-342)	7.3	7.0	8.0	8.3	6.7	7.7	6.7	8.7	7.5
A00-2882	7.7	7.7	6.0	8.3	7.3	7.3	7.7	8.0	7.5
AVID	7.3	8.0	8.0	7.7	6.0	7.3	7.3	8.3	7.5
PICK 4340	7.3	6.7	8.3	8.3	6.0	7.7	7.0	8.7	7.5
RAD-1492	7.3	7.7	7.0	8.7	6.7	7.0	6.7	9.0	7.5
SRX 466	8.3	8.0	7.7	7.0	6.7	6.7	7.3	8.0	7.5
A06-46	7.7	7.0	8.0	8.0	6.3	7.7	7.0	8.0	7.5
SRX 2758	7.3	8.0	7.3	7.3	7.0	7.0	7.0	8.3	7.4
BLUE COAT (AKB 2282)	6.7	8.0	7.3	8.0	7.7	8.0	5.0	8.7	7.4
ENDURANCE (PST-K4-7)	7.0	7.7	8.0	7.0	5.7	7.0	7.3	8.7	7.3
SRX 4338	6.3	7.0	7.3	9.0	6.0	7.3	7.0	8.3	7.3
EMPIRE	6.7	7.3	7.7	7.7	6.7	7.3	6.7	8.0	7.3
MERLOT (LTP-08-6)	7.0	8.0	7.7	8.0	6.3	7.0	5.3	8.7	7.3
PST-K9-90	7.3	7.3	7.3	8.0	5.7	6.7	7.0	8.7	7.3
WATERWORKS (A05-204)	6.7	7.0	7.7	7.3	7.0	7.3	6.0	8.7	7.2
ARROWHEAD	7.3	7.7	8.0	8.3	5.7	6.7	6.0	8.0	7.2
A05-361	8.0	7.7	8.0	6.0	6.3	7.3	6.3	7.7	7.2
RUSH	7.3	7.7	8.3	7.7	5.3	7.3	6.0	7.7	7.2
PST-K4-3	7.0	7.3	6.7	8.3	6.7	5.7	7.0	8.7	7.2
PICK 033	7.3	7.3	7.7	5.3	6.0	7.0	7.7	8.0	7.0
A05-329	7.3	7.0	6.7	8.0	6.3	6.3	6.3	8.0	7.0
A06-26	6.7	7.0	7.0	6.7	6.0	7.3	6.7	8.7	7.0
JACKRABBIT (PST-K10-106D)	7.7	8.0	6.7	7.3	5.3	5.7	7.3	8.0	7.0
SKYE	6.7	7.3	6.7	7.7	6.3	6.7	6.3	8.0	7.0
BLACKJACK	8.0	6.7	6.0	6.3	6.7	6.7	7.0	8.0	6.9
PST-K9-97	7.3	7.7	7.0	7.3	5.7	5.7	6.0	8.7	6.9
A05-TB-382	8.7	6.7	5.7	6.0	6.3	7.0	7.0	7.7	6.9
A06-47	7.0	7.0	7.3	7.0	6.3	7.0	6.0	7.3	6.9
PICK TD8	7.3	7.3	6.7	6.7	6.0	6.3	7.0	7.7	6.9
RAD-507	7.7	6.7	6.0	6.0	6.7	7.0	6.3	8.7	6.9
A05-360	6.3	7.7	7.3	6.3	5.3	6.7	7.0	8.0	6.8
SHAMROCK	7.3	7.0	6.0	7.0	6.3	6.7	6.7	7.3	6.8

TABLE 13. (CONT'D) GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/								
	IA1	IL1	IN1	KS1	MN1	NJ2	TN1	WA1	MEAN
AKB 2555	8.0	7.3	6.7	7.3	5.3	5.7	6.3	7.0	6.7
A05-999	7.7	7.3	6.3	6.7	5.7	6.3	6.0	7.3	6.7
A04-38	7.0	7.3	6.0	7.3	5.3	7.0	6.7	6.7	6.7
BLUE NOTE	7.0	7.3	6.7	7.3	5.3	7.3	5.7	6.7	6.7
A00-4199	7.3	7.0	6.0	5.3	5.3	7.7	7.0	7.3	6.6
A04-36	8.0	7.3	6.0	6.7	4.7	6.7	6.3	7.3	6.6
CABERNET	7.3	6.3	6.3	6.7	6.0	6.7	6.0	7.7	6.6
AMERICA	7.7	6.7	6.0	7.3	4.3	7.3	6.0	7.3	6.6
3733	7.3	7.0	6.7	6.7	4.7	6.7	6.7	7.0	6.6
GEISHA (DPPP818)	6.3	6.7	7.3	7.0	4.7	6.7	6.3	7.7	6.6
PICK TD9	6.7	7.0	6.7	5.7	5.7	7.3	6.3	7.0	6.5
BARON	7.0	6.7	7.0	7.3	4.3	6.0	6.0	8.0	6.5
BAR PP 119327	7.3	7.0	7.7	6.3	4.0	6.3	6.0	7.7	6.5
RAD-849	6.0	6.3	7.3	5.3	6.0	6.0	7.3	7.7	6.5
BURL 06-11	6.0	6.3	6.0	7.3	5.3	7.0	5.7	8.0	6.5
BAR 12PP 612	6.3	6.7	7.7	5.7	5.0	5.7	6.7	7.7	6.4
BAR VV 112916	7.7	7.0	6.0	5.0	5.7	6.7	6.0	7.0	6.4
BARDUKE	7.0	6.7	7.0	6.0	4.3	6.3	6.0	7.7	6.4
THERMAL BLUE	7.7	7.0	5.7	6.0	5.0	5.7	6.7	7.3	6.4
A98-363	6.7	6.7	6.0	6.0	5.3	6.0	6.0	8.0	6.3
PST-K9-99	6.0	6.7	6.3	7.0	5.0	6.0	6.3	7.3	6.3
BOLT (H99-1653)	6.0	5.7	6.7	6.3	5.3	5.7	7.0	8.0	6.3
RUBIX (4S2W)	7.0	6.7	6.3	7.3	5.3	6.7	5.3	6.0	6.3
SR 2150 (SRX 5321)	7.0	6.7	6.7	6.3	5.3	6.7	5.0	6.3	6.3
DAUNTLESS (A05-315)	7.3	7.0	5.7	6.0	5.0	6.7	6.0	6.0	6.2
BAR PP 110358	6.7	6.7	6.7	5.0	5.0	6.0	6.3	7.0	6.2
BAR PP 119326	6.3	6.7	5.3	6.7	4.3	6.3	6.0	7.3	6.1
BAR VV 118532	7.3	6.7	5.3	5.3	5.3	6.3	5.7	7.0	6.1
PST-T10-18	6.7	6.0	5.7	6.0	4.3	6.3	6.7	7.0	6.1
BAR 8PP 504	6.7	6.0	5.7	6.0	4.0	6.0	6.7	7.0	6.0
PICK MP07	6.7	6.7	5.7	6.3	3.7	5.0	6.0	7.3	5.9
ZINGER (A05-306)	6.0	6.7	5.3	6.3	4.7	6.0	5.7	6.3	5.9
ARAMINTHA (PP 10847)	6.7	6.0	5.3	7.0	3.0	5.7	6.0	6.3	5.8
ZEDOR (PPH 9131)	6.7	6.7	5.7	5.3	3.7	5.3	5.0	7.3	5.7
BARVETTE HGT (BAR VV 0709)	6.3	5.3	6.3	4.7	3.7	4.0	5.7	6.3	5.3
KENBLUE	6.3	5.0	7.0	4.0	3.7	4.3	6.0	5.7	5.3
LSD VALUE	1.6	1.1	1.3	1.5	1.2	1.6	1.3	0.9	0.5
C.V. (%)	13.7	9.4	11.5	13.3	13.1	14.3	12.1	7.4	11.9

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

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

TABLE 14.

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IA1	IL1	KS1	MD1	MN1	NJ1	NJ2	UT1	WA1	MEAN
BAR VV 112916	8.3	8.3	6.7	5.7	7.7	8.3	8.0	2.7	7.3	7.0
BARVETTE HGT (BAR VV 0709)	7.3	7.3	7.0	5.0	6.3	8.7	7.3	4.7	5.7	6.6
A05-360	5.0	7.0	6.0	6.0	7.3	7.7	7.0	4.7	6.3	6.3
OASIS (A98-344)	5.7	7.0	5.7	6.7	6.3	5.7	9.0	4.7	6.3	6.3
KENBLUE	7.7	8.0	5.3	3.3	6.3	8.3	7.0	3.3	7.3	6.3
SRX 466	6.7	7.3	5.7	6.0	7.0	8.0	6.7	3.3	6.0	6.3
BOLT (H99-1653)	5.3	7.7	6.0	5.0	7.0	6.7	7.7	3.3	6.7	6.1
BAR PP 110358	5.7	7.3	5.7	5.0	5.7	8.3	7.3	3.7	6.3	6.1
RUBIX (4S2W)	4.7	7.7	6.7	6.0	6.3	6.7	5.7	3.7	7.7	6.1
PST-T10-18	6.7	6.3	4.7	5.0	7.7	7.0	7.0	3.3	7.0	6.1
THERMAL BLUE	6.7	6.7	6.0	4.7	7.7	6.7	5.3	4.0	6.7	6.0
A98-363	5.7	6.7	8.0	5.7	5.0	6.7	6.3	3.3	6.3	6.0
A00-2882	5.7	7.0	6.7	5.7	6.3	6.0	5.7	4.3	6.3	6.0
BURL 06-11	5.0	6.3	6.3	5.3	6.7	6.7	6.3	3.7	7.3	6.0
A05-361	4.7	6.7	5.3	6.0	7.3	6.7	5.7	4.7	6.7	6.0
RAD-849	5.7	7.0	6.0	5.3	6.7	6.7	5.7	3.3	7.0	5.9
BAR VV 118532	5.0	7.0	6.0	6.0	7.0	6.0	6.0	3.7	6.7	5.9
A06-46	6.0	6.3	7.0	5.0	5.7	6.3	7.0	4.3	5.3	5.9
A05-999	5.0	6.3	7.7	4.3	6.3	6.0	6.3	4.3	6.3	5.9
A05-TB-382	5.3	6.0	7.0	5.7	5.0	6.7	5.3	4.7	6.3	5.8
JACKRABBIT (PST-K10-106D)	5.0	6.3	7.0	5.3	6.7	5.7	6.3	3.7	6.0	5.8
SHAMROCK	4.7	7.3	6.7	5.3	7.0	6.0	5.0	4.0	6.0	5.8
A01-1106	6.3	7.0	6.3	5.0	5.3	5.3	5.7	4.3	6.3	5.7
EMPIRE	6.0	6.0	6.7	5.0	7.3	4.0	6.0	4.3	6.0	5.7
PICK TD8	4.7	6.7	6.3	4.3	5.7	6.3	5.7	4.7	7.0	5.7
CABERNET	6.3	7.0	5.7	4.7	7.3	4.7	5.0	3.7	6.7	5.7
PICK MP07	6.3	6.0	7.0	4.3	6.3	6.7	5.3	3.0	5.7	5.6
PICK 033	4.7	7.3	5.3	5.7	5.0	6.3	6.3	3.7	5.7	5.6
A05-329	5.3	5.7	5.3	6.0	6.3	5.7	4.7	4.3	6.3	5.5
BAR PP 119326	5.7	6.3	6.3	4.3	6.0	5.7	5.7	3.3	6.3	5.5
DAUNTLESS (A05-315)	6.3	6.7	6.3	3.3	5.7	5.7	4.7	3.3	7.3	5.5
ARROWHEAD	4.0	7.0	4.3	5.0	6.7	4.7	5.3	4.7	7.7	5.5
PST-K9-99	4.3	6.7	6.7	4.0	5.7	6.3	5.0	4.7	5.7	5.4
SRX 2758	4.7	7.3	5.7	5.0	6.3	5.3	4.7	4.0	6.0	5.4
A04-36	5.3	6.3	6.0	4.7	5.3	6.3	5.0	3.3	6.3	5.4
A06-26	6.0	6.0	6.7	5.0	5.3	5.0	6.0	4.0	4.7	5.4
MERLOT (LTP-08-6)	5.0	6.7	4.7	5.0	6.3	4.3	6.0	4.7	6.0	5.4
RAD-1492	6.7	6.0	6.3	5.3	4.3	6.0	4.3	3.0	6.3	5.4
RAD-507	5.3	6.7	4.3	4.7	5.0	6.0	6.7	3.0	6.3	5.3
BLACKJACK	5.0	7.0	5.3	4.7	4.3	5.7	5.3	4.3	6.0	5.3
BLUE NOTE	5.7	6.7	4.7	4.3	5.0	6.3	5.3	2.7	7.0	5.3
PST-K4-3	5.0	7.0	5.3	4.7	5.3	5.3	6.0	3.0	6.0	5.3
LEGEND (A10-1)	5.3	6.0	7.7	4.3	5.0	5.3	5.3	3.3	5.0	5.3
WATERWORKS (A05-204)	6.0	6.0	5.7	5.0	6.0	4.0	5.0	3.7	6.0	5.3
ENDURANCE (PST-K4-7)	4.7	7.0	6.7	5.3	5.3	4.0	4.7	4.0	5.7	5.3
PICK TD9	7.0	6.7	5.3	4.7	4.7	5.0	4.3	3.0	6.3	5.2

TABLE 14. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IA1	IL1	KS1	MD1	MN1	NJ1	NJ2	UT1	WA1	MEAN
3733	5.0	6.3	6.3	5.0	5.3	4.7	4.3	4.0	6.0	5.2
LUNAR (PST-07-261)	6.0	7.3	6.0	3.7	5.3	5.0	4.3	3.3	5.7	5.2
A04-38	4.3	5.7	6.0	4.0	5.3	6.7	4.3	3.7	6.3	5.1
BAR 12PP 612	4.0	6.3	6.0	5.0	4.3	4.3	6.0	3.3	7.0	5.1
BAR PP 119327	4.3	6.0	5.3	3.7	5.0	5.7	5.3	4.3	6.7	5.1
BURL 3-51	5.0	7.0	6.3	4.0	4.3	4.0	5.3	4.3	6.0	5.1
A06-47	4.0	5.7	6.3	5.0	4.3	5.7	6.0	2.3	6.7	5.1
ZEDOR (PPH 9131)	5.3	6.0	5.0	4.3	4.0	6.3	5.7	3.7	5.7	5.1
KEENELAND (A04-342)	4.7	5.3	5.3	5.7	4.3	4.7	5.7	3.7	6.3	5.1
SKYE	5.0	6.7	7.0	3.3	5.0	5.0	3.7	4.0	6.0	5.1
AMERICA	5.0	5.7	5.3	5.0	6.3	3.7	5.3	4.0	5.0	5.0
PST-K9-97	5.3	6.7	5.7	4.0	3.7	5.7	4.3	3.3	6.3	5.0
BARDUKE	5.0	5.7	5.0	3.3	4.7	4.7	5.7	5.3	5.7	5.0
PICK 4340	4.0	5.7	5.3	5.0	4.3	4.7	5.3	3.7	6.7	5.0
SRX 4338	4.7	5.0	5.3	4.0	4.0	6.3	5.3	3.0	6.7	4.9
SR 2150 (SRX 5321)	4.7	6.3	6.0	3.0	4.7	6.3	4.3	3.3	5.0	4.9
BAR 8PP 504	4.3	6.3	5.7	4.3	4.3	4.7	4.0	2.7	7.3	4.9
MAZAMA (A04-74)	5.0	5.3	5.7	4.7	3.7	4.0	5.3	3.3	6.0	4.8
AVID	4.0	6.3	5.7	.	4.7	3.3	5.3	3.0	5.7	4.8
ZINGER (A05-306)	4.7	4.3	6.3	3.0	5.7	4.7	4.0	3.0	6.7	4.7
BARON	5.7	4.3	5.0	3.3	5.0	3.3	4.7	4.7	5.7	4.6
GEISHA (DPPP818)	6.0	5.3	5.3	3.7	5.0	2.0	3.3	5.0	5.3	4.6
PST-K9-90	5.3	6.0	4.3	3.7	4.3	4.0	5.0	3.7	4.7	4.6
AKB 2555	6.0	5.7	4.3	3.7	4.0	5.3	4.0	3.7	3.7	4.5
RUSH	4.3	4.7	5.3	3.3	6.3	1.7	4.0	4.7	5.3	4.4
ARAMINTHA (PP 10847)	4.3	5.0	3.7	4.0	3.7	7.0	3.3	2.0	5.7	4.3
BLUE COAT (AKB 2282)	4.0	5.7	4.7	4.0	4.3	4.0	2.3	3.3	5.7	4.2
AWARD	3.7	5.7	5.7	3.3	4.0	3.7	2.3	2.0	4.3	3.9
J-1770	3.3	4.7	6.3	3.3	5.0	2.7	2.7	2.3	4.0	3.8
NU CHICAGO	4.0	5.0	6.0	3.3	4.0	2.3	2.3	3.0	4.3	3.8
A00-4199	4.7	3.7	4.3	3.3	4.0	1.7	4.0	3.0	5.3	3.8
J-1853	3.7	5.0	5.7	3.0	3.7	2.7	3.7	3.0	3.3	3.7
BLUEBANK (A03-1017)	4.0	4.3	6.0	3.0	3.7	3.3	2.7	2.3	3.7	3.7
SUDDEN IMPACT	3.3	5.7	5.7	3.3	4.0	1.3	2.7	2.7	4.0	3.6
MIDNIGHT	4.7	6.0	5.3	3.3	3.3	1.0	2.3	2.3	4.3	3.6
J-1136	3.7	5.3	5.7	3.7	3.3	1.3	2.3	3.0	3.3	3.5
LSD VALUE	1.8	1.7	1.8	1.0	1.5	2.1	1.5	1.2	1.2	0.5
C.V. (%)	21.1	17.1	19.0	13.3	16.8	25.2	18.0	19.9	12.1	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 15.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IN1	NAME	IN1
BAR VV 112916	7.7	J-1770	6.0
BARVETTE HGT (BAR VV 0709)	7.0	J-1853	6.0
BLUE NOTE	7.0	JACKRABBIT (PST-K10-106D)	6.0
BOLT (H99-1653)	7.0	LEGEND (A10-1)	6.0
KENBLUE	7.0	PICK 4340	6.0
BAR PP 110358	6.7	PICK MP07	6.0
CABERNET	6.7	PICK TD8	6.0
A00-2882	6.3	PICK TD9	6.0
A04-36	6.3	PST-K4-3	6.0
A05-360	6.3	PST-K9-90	6.0
A06-46	6.3	RAD-849	6.0
A06-47	6.3	SRX 2758	6.0
BAR 8PP 504	6.3	SRX 466	6.0
BLUE COAT (AKB 2282)	6.3	ZINGER (A05-306)	6.0
DAUNTLESS (A05-315)	6.3	3733	5.7
ENDURANCE (PST-K4-7)	6.3	A01-1106	5.7
LUNAR (PST-07-261)	6.3	A05-329	5.7
MERLOT (LTP-08-6)	6.3	BAR PP 119326	5.7
MIDNIGHT	6.3	BARON	5.7
PICK 033	6.3	BURL 3-51	5.7
PST-T10-18	6.3	MAZAMA (A04-74)	5.7
RAD-1492	6.3	NU CHICAGO	5.7
RAD-507	6.3	RUSH	5.7
RUBIX (4S2W)	6.3	SR 2150 (SRX 5321)	5.7
SHAMROCK	6.3	SRX 4338	5.7
SKYE	6.3	THERMAL BLUE	5.7
SUDDEN IMPACT	6.3	ZEDOR (PPH 9131)	5.7
A00-4199	6.0	A05-TB-382	5.3
A04-38	6.0	GEISHA (DPPP818)	5.3
A05-361	6.0	KEENELAND (A04-342)	5.3
A05-999	6.0	OASIS (A98-344)	5.3
A06-26	6.0	PST-K9-97	5.3
A98-363	6.0	PST-K9-99	5.3
AKB 2555	6.0	WATERWORKS (A05-204)	5.3
AMERICA	6.0	AVID	5.0
ARAMINTHA (PP 10847)	6.0	BAR PP 119327	5.0
ARROWHEAD	6.0	BARDUKE	5.0
AWARD	6.0	EMPIRE	5.0
BAR VV 118532	6.0	BAR 12PP 612	4.7
BLACKJACK	6.0		
BLUEBANK (A03-1017)	6.0	LSD VALUE	0.8
BURL 06-11	6.0	C.V. (%)	8.4
J-1136	6.0		

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 16.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IN1	NAME	IN1
BAR 8PP 504	7.7	A00-2882	5.7
BLUE NOTE	7.7	A05-329	5.7
SR 2150 (SRX 5321)	7.7	A06-47	5.7
A05-360	7.3	AMERICA	5.7
RUBIX (4S2W)	7.3	BAR PP 119327	5.7
A06-46	7.0	BLUE COAT (AKB 2282)	5.7
ARAMINTHA (PP 10847)	7.0	CABERNET	5.7
BAR PP 110358	7.0	EMPIRE	5.7
PST-T10-18	7.0	LUNAR (PST-07-261)	5.7
RAD-1492	7.0	MAZAMA (A04-74)	5.7
SUDDEN IMPACT	7.0	MERLOT (LTP-08-6)	5.7
A04-38	6.7	NU CHICAGO	5.7
A06-26	6.7	PICK 4340	5.7
BARVETTE HGT (BAR VV 0709)	6.7	PST-K9-97	5.7
BOLT (H99-1653)	6.7	RUSH	5.7
J-1770	6.7	SRX 2758	5.7
A05-361	6.3	ZINGER (A05-306)	5.7
AWARD	6.3	3733	5.3
BAR VV 112916	6.3	A01-1106	5.3
BLUEBANK (A03-1017)	6.3	A05-999	5.3
BURL 06-11	6.3	AKB 2555	5.3
ENDURANCE (PST-K4-7)	6.3	BAR PP 119326	5.3
J-1853	6.3	OASIS (A98-344)	5.3
LEGEND (A10-1)	6.3	PICK MP07	5.3
PICK TD8	6.3	RAD-849	5.3
PST-K4-3	6.3	THERMAL BLUE	5.3
PST-K9-90	6.3	WATERWORKS (A05-204)	5.3
SHAMROCK	6.3	ZEDOR (PPH 9131)	5.3
A00-4199	6.0	AVID	5.0
A04-36	6.0	BARDUKE	5.0
A05-TB-382	6.0	BLACKJACK	5.0
A98-363	6.0	GEISHA (DPPP818)	5.0
ARROWHEAD	6.0	JACKRABBIT (PST-K10-106D)	5.0
BAR VV 118532	6.0	PICK TD9	5.0
BARON	6.0	PST-K9-99	5.0
BURL 3-51	6.0	SRX 4338	5.0
DAUNTLESS (A05-315)	6.0	BAR 12PP 612	4.7
J-1136	6.0	KEENELAND (A04-342)	4.7
MIDNIGHT	6.0	KENBLUE	4.7
PICK 033	6.0		
RAD-507	6.0	LSD VALUE	1.2
SKYE	6.0	C.V. (%)	12.9
SRX 466	6.0		

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 17. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	TN1	VA1	MEAN	NAME	TN1	VA1	MEAN
BARVETTE HGT (BAR VV 0709)	95.3	85.0	90.2	AWARD	95.7	40.0	67.8
A05-360	95.7	68.3	82.0	A00-2882	95.0	40.0	67.5
CABERNET	95.0	65.0	80.0	BAR VV 112916	95.0	40.0	67.5
PICK 033	94.3	65.0	79.7	DAUNTLESS (A05-315)	95.0	40.0	67.5
SRX 466	96.0	61.7	78.8	J-1136	96.7	37.5	67.1
KENBLUE	95.0	61.7	78.3	A06-47	95.0	37.5	66.3
KEENELAND (A04-342)	95.7	57.5	76.6	SR 2150 (SRX 5321)	95.3	36.7	66.0
A98-363	96.0	55.0	75.5	BAR PP 119327	95.0	36.7	65.8
A06-46	95.7	55.0	75.3	BARDUKE	95.0	36.7	65.8
SKYE	95.7	55.0	75.3	BURL 3-51	95.0	36.7	65.8
ARAMINTHA (PP 10847)	95.0	55.0	75.0	JACKRABBIT (PST-K10-106D)	95.0	36.7	65.8
BLUE NOTE	96.0	53.3	74.7	BAR 12PP 612	96.0	35.0	65.5
A05-361	95.0	53.3	74.2	A05-329	95.7	35.0	65.3
BLUEBANK (A03-1017)	95.7	52.5	74.1	MIDNIGHT	95.7	35.0	65.3
OASIS (A98-344)	95.7	51.7	73.7	ARROWHEAD	95.3	35.0	65.2
PST-T10-18	95.3	51.7	73.5	EMPIRE	95.3	35.0	65.2
A05-TB-382	95.7	50.0	72.8	BLACKJACK	95.0	35.0	65.0
ZINGER (A05-306)	95.3	50.0	72.7	ENDURANCE (PST-K4-7)	95.0	35.0	65.0
J-1853	95.0	50.0	72.5	ZEDOR (PPH 9131)	95.0	33.3	64.2
NU CHICAGO	97.0	47.5	72.3	RAD-1492	95.7	32.5	64.1
A04-38	95.7	48.3	72.0	BARON	96.0	31.7	63.8
RAD-507	95.3	48.3	71.8	PST-K9-97	95.7	31.7	63.7
SRX 4338	96.0	47.5	71.8	RUBIX (4S2W)	95.7	31.7	63.7
RAD-849	95.0	48.3	71.7	A00-4199	94.7	32.5	63.6
LEGEND (A10-1)	95.0	47.5	71.3	A01-1106	95.3	31.7	63.5
BOLT (H99-1653)	95.7	46.7	71.2	WATERWORKS (A05-204)	95.3	31.7	63.5
J-1770	95.7	46.7	71.2	A05-999	95.0	31.7	63.3
MERLOT (LTP-08-6)	95.7	46.7	71.2	LUNAR (PST-07-261)	95.0	31.7	63.3
3733	94.3	46.7	70.5	SUDDEN IMPACT	95.7	30.0	62.8
BAR VV 118532	96.0	45.0	70.5	PICK TD8	95.3	30.0	62.7
BAR PP 110358	95.3	45.0	70.2	A06-26	94.7	30.0	62.3
BAR PP 119326	95.3	45.0	70.2	AKB 2555	94.7	26.7	60.7
MAZAMA (A04-74)	95.3	45.0	70.2	PST-K9-90	95.3	25.0	60.2
PICK MP07	94.7	45.0	69.8	PICK TD9	95.7	23.3	59.5
THERMAL BLUE	94.7	45.0	69.8	PST-K4-3	95.7	23.3	59.5
BAR 8PP 504	94.3	45.0	69.7	AVID	93.7	25.0	59.3
A04-36	95.3	43.3	69.3	PICK 4340	92.0	26.7	59.3
AMERICA	95.0	43.3	69.2	PST-K9-99	95.0	21.7	58.3
BLUE COAT (AKB 2282)	95.7	41.7	68.7	RUSH	95.3	18.3	56.8
SHAMROCK	95.7	41.7	68.7				
BURL 06-11	94.7	41.7	68.2	LSD VALUE	1.8	22.4	10.7
GEISHA (DPPP818)	94.7	41.7	68.2	C.V. (%)	1.2	31.8	13.5
SRX 2758	96.3	40.0	68.2				

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 18. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	TN1	NAME	TN1
MIDNIGHT	95.3	PST-K9-99	93.7
A00-2882	95.0	SHAMROCK	93.7
A05-999	95.0	SRX 4338	93.7
BOLT (H99-1653)	95.0	A05-361	93.3
SKYE	95.0	BAR 8PP 504	93.3
SUDDEN IMPACT	95.0	BARDUKE	93.3
A04-38	94.7	BLUE NOTE	93.3
A05-360	94.7	JACKRABBIT (PST-K10-106D)	93.3
AWARD	94.7	PICK TD9	93.3
BURL 3-51	94.7	PST-K4-3	93.3
J-1853	94.7	RUSH	93.3
RAD-849	94.7	WATERWORKS (A05-204)	93.3
SR 2150 (SRX 5321)	94.7	A05-329	93.0
3733	94.3	AMERICA	93.0
A01-1106	94.3	BAR PP 119326	93.0
A05-TB-382	94.3	DAUNTLESS (A05-315)	93.0
BAR PP 110358	94.3	J-1136	93.0
BARVETTE HGT (BAR VV 0709)	94.3	KENBLUE	93.0
BLACKJACK	94.3	PST-K9-97	93.0
BLUEBANK (A03-1017)	94.3	RAD-507	93.0
LUNAR (PST-07-261)	94.3	ZINGER (A05-306)	93.0
MAZAMA (A04-74)	94.3	AVID	92.7
NU CHICAGO	94.3	CABERNET	92.7
RAD-1492	94.3	MERLOT (LTP-08-6)	92.7
SRX 2758	94.3	PST-T10-18	92.7
A04-36	94.0	A06-47	92.3
A06-46	94.0	BURL 06-11	92.3
ARROWHEAD	94.0	OASIS (A98-344)	92.3
BAR PP 119327	94.0	A98-363	92.0
ENDURANCE (PST-K4-7)	94.0	EMPIRE	92.0
KEENELAND (A04-342)	94.0	GEISHA (DPPP818)	92.0
PICK 033	94.0	THERMAL BLUE	92.0
PICK 4340	94.0	ZEDOR (PPH 9131)	92.0
PICK MP07	94.0	BAR VV 118532	91.7
PST-K9-90	94.0	J-1770	91.7
RUBIX (4S2W)	94.0	ARAMINTHA (PP 10847)	91.3
SRX 466	94.0	AKB 2555	91.0
A00-4199	93.7	BARON	91.0
A06-26	93.7	BLUE COAT (AKB 2282)	91.0
BAR 12PP 612	93.7		
BAR VV 112916	93.7	LSD VALUE	2.5
LEGEND (A10-1)	93.7	C.V. (%)	1.7
PICK TD8	93.7		

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 19.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	TN1	VA1	MEAN	NAME	TN1	VA1	MEAN
BARVETTE HGT (BAR VV 0709)	93.7	85.0	89.3	MERLOT (LTP-08-6)	80.3	46.7	63.5
PICK 033	86.7	65.0	75.8	AMERICA	82.7	43.3	63.0
SRX 466	90.0	61.7	75.8	JACKRABBIT (PST-K10-106D)	89.3	36.7	63.0
KENBLUE	89.7	61.7	75.7	BARON	93.3	31.7	62.5
CABERNET	84.7	65.0	74.8	ARROWHEAD	89.7	35.0	62.3
A98-363	92.3	55.0	73.7	A06-47	87.0	37.5	62.3
A05-360	78.7	68.3	73.5	BAR PP 119327	87.7	36.7	62.2
ARAMINTHA (PP 10847)	88.0	55.0	71.5	BARDUKE	86.7	36.7	61.7
BLUE NOTE	89.3	53.3	71.3	LUNAR (PST-07-261)	91.7	31.7	61.7
RAD-507	93.0	48.3	70.7	A01-1106	91.0	31.7	61.3
A04-38	92.3	48.3	70.3	BLACKJACK	87.3	35.0	61.2
SKYE	85.3	55.0	70.2	A05-329	86.0	35.0	60.5
A05-TB-382	89.0	50.0	69.5	BOLT (H99-1653)	73.7	46.7	60.2
BAR PP 110358	93.3	45.0	69.2	BURL 3-51	83.7	36.7	60.2
A05-361	84.0	53.3	68.7	BAR 12PP 612	85.3	35.0	60.2
OASIS (A98-344)	85.0	51.7	68.3	RAD-1492	87.7	32.5	60.1
PST-T10-18	84.3	51.7	68.0	A05-999	87.7	31.7	59.7
3733	88.7	46.7	67.7	PICK TD8	89.3	30.0	59.7
A06-46	80.3	55.0	67.7	ZEDOR (PPH 9131)	85.7	33.3	59.5
RAD-849	86.7	48.3	67.5	A06-26	87.7	30.0	58.8
BAR VV 118532	89.3	45.0	67.2	PST-K9-97	86.0	31.7	58.8
A04-36	90.3	43.3	66.8	AWARD	76.3	40.0	58.2
NU CHICAGO	86.0	47.5	66.8	LEGEND (A10-1)	67.7	47.5	57.6
SRX 4338	85.3	47.5	66.4	A00-4199	82.0	32.5	57.3
THERMAL BLUE	87.7	45.0	66.3	PST-K9-90	88.7	25.0	56.8
GEISHA (DPPP818)	91.0	41.7	66.3	WATERWORKS (A05-204)	77.7	35.0	56.3
SHAMROCK	90.7	41.7	66.2	PST-K4-3	89.3	23.3	56.3
BAR 8PP 504	87.3	45.0	66.2	AKB 2555	85.7	26.7	56.2
J-1853	82.0	50.0	66.0	SUDDEN IMPACT	82.0	30.0	56.0
KEENELAND (A04-342)	74.3	57.5	65.9	J-1136	74.3	37.5	55.9
BLUEBANK (A03-1017)	78.7	52.5	65.6	RUBIX (4S2W)	79.7	31.7	55.7
PICK MP07	85.3	45.0	65.2	A00-2882	71.3	40.0	55.7
MAZAMA (A04-74)	85.0	45.0	65.0	ENDURANCE (PST-K4-7)	76.3	35.0	55.7
SR 2150 (SRX 5321)	92.7	36.7	64.7	EMPIRE	76.0	35.0	55.5
DAUNTLESS (A05-315)	89.3	40.0	64.7	AVID	84.3	25.0	54.7
BURL 06-11	87.0	41.7	64.3	PICK 4340	82.0	26.7	54.3
ZINGER (A05-306)	78.0	50.0	64.0	PICK TD9	84.0	23.3	53.7
BAR PP 119326	82.7	45.0	63.8	PST-K9-99	78.7	21.7	50.2
BLUE COAT (AKB 2282)	86.0	41.7	63.8	RUSH	74.3	18.3	46.3
MIDNIGHT	92.3	35.0	63.7				
SRX 2758	87.3	40.0	63.7	LSD VALUE	13.7	22.5	12.9
BAR VV 112916	87.0	40.0	63.5	C.V. (%)	10.0	31.9	17.5
J-1770	80.3	46.7	63.5				

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 20.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	IA1	MN1	MEAN	NAME	IA1	MN1	MEAN
3733	9.0	9.0	9.0	BLUE COAT (AKB 2282)	9.0	8.7	8.8
A04-38	9.0	9.0	9.0	BLUEBANK (A03-1017)	9.0	8.7	8.8
A05-360	9.0	9.0	9.0	BOLT (H99-1653)	8.7	9.0	8.8
A05-361	9.0	9.0	9.0	BURL 3-51	8.7	9.0	8.8
A06-26	9.0	9.0	9.0	NU CHICAGO	8.7	9.0	8.8
A06-46	9.0	9.0	9.0	PICK MP07	9.0	8.7	8.8
A98-363	9.0	9.0	9.0	PICK TD8	9.0	8.7	8.8
ARAMINTHA (PP 10847)	9.0	9.0	9.0	PST-K9-90	8.7	9.0	8.8
AVID	9.0	9.0	9.0	PST-T10-18	9.0	8.7	8.8
BAR VV 112916	9.0	9.0	9.0	RAD-507	8.7	9.0	8.8
BAR VV 118532	9.0	9.0	9.0	A05-999	9.0	8.3	8.7
BARON	9.0	9.0	9.0	ARROWHEAD	9.0	8.3	8.7
BARVETTE HGT (BAR VV 0709)	9.0	9.0	9.0	BAR PP 119326	8.3	9.0	8.7
BLUE NOTE	9.0	9.0	9.0	BURL 06-11	9.0	8.3	8.7
CABERNET	9.0	9.0	9.0	A06-47	8.7	8.7	8.7
DAUNTLESS (A05-315)	9.0	9.0	9.0	SHAMROCK	8.7	8.7	8.7
EMPIRE	9.0	9.0	9.0	A01-1106	8.0	9.0	8.5
ENDURANCE (PST-K4-7)	9.0	9.0	9.0	MERLOT (LTP-08-6)	9.0	8.0	8.5
GEISHA (DPPP818)	9.0	9.0	9.0	PICK TD9	8.7	8.3	8.5
J-1136	9.0	9.0	9.0	RUSH	9.0	8.0	8.5
J-1770	9.0	9.0	9.0	ZEDOR (PPH 9131)	8.7	8.3	8.5
J-1853	9.0	9.0	9.0	PST-K9-97	7.7	9.0	8.3
KENBLUE	9.0	9.0	9.0	SUDDEN IMPACT	9.0	7.7	8.3
MAZAMA (A04-74)	9.0	9.0	9.0	A00-2882	8.7	8.0	8.3
MIDNIGHT	9.0	9.0	9.0	BLACKJACK	8.7	8.0	8.3
OASIS (A98-344)	9.0	9.0	9.0	LUNAR (PST-07-261)	8.7	8.0	8.3
PICK 033	9.0	9.0	9.0	A04-36	9.0	7.3	8.2
PST-K4-3	9.0	9.0	9.0	BARDUKE	9.0	7.3	8.2
RAD-1492	9.0	9.0	9.0	SRX 2758	7.3	9.0	8.2
RUBIX (4S2W)	9.0	9.0	9.0	BAR 12PP 612	9.0	7.0	8.0
SKYE	9.0	9.0	9.0	JACKRABBIT (PST-K10-106D)	9.0	7.0	8.0
SR 2150 (SRX 5321)	9.0	9.0	9.0	RAD-849	8.7	7.0	7.8
SRX 4338	9.0	9.0	9.0	A05-TB-382	7.7	7.7	7.7
SRX 466	9.0	9.0	9.0	LEGEND (A10-1)	9.0	6.3	7.7
THERMAL BLUE	9.0	9.0	9.0	PST-K9-99	8.0	6.0	7.0
WATERWORKS (A05-204)	9.0	9.0	9.0	BAR 8PP 504	6.7	6.7	6.7
ZINGER (A05-306)	9.0	9.0	9.0	PICK 4340	7.7	5.0	6.3
A00-4199	9.0	8.7	8.8	KEENELAND (A04-342)	9.0	3.7	6.3
A05-329	8.7	9.0	8.8	BAR PP 119327	6.3	4.0	5.2
AKB 2555	9.0	8.7	8.8				
AMERICA	8.7	9.0	8.8	LSD VALUE	1.2	2.2	1.3
AWARD	8.7	9.0	8.8	C.V. (%)	8.8	16.4	13.0
BAR PP 110358	8.7	9.0	8.8				

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

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

TABLE 21. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	IN1	NAME	IN1
PST-T10-18	8.0	BURL 06-11	5.7
BLUE NOTE	7.7	DAUNTLESS (A05-315)	5.7
A00-4199	7.3	ENDURANCE (PST-K4-7)	5.7
A05-360	7.3	KEENELAND (A04-342)	5.7
BAR VV 112916	7.3	PICK MP07	5.7
BARVETTE HGT (BAR VV 0709)	7.3	RAD-1492	5.7
BLUEBANK (A03-1017)	7.3	RAD-507	5.7
CABERNET	7.3	3733	5.3
A98-363	7.0	A06-26	5.3
BOLT (H99-1653)	7.0	AWARD	5.3
SRX 2758	7.0	GEISHA (DPPP818)	5.3
SUDDEN IMPACT	7.0	PICK 4340	5.3
BAR PP 110358	6.7	PST-K9-97	5.3
EMPIRE	6.7	RAD-849	5.3
J-1136	6.7	SHAMROCK	5.3
J-1853	6.7	A04-36	5.0
KENBLUE	6.7	A04-38	5.0
PICK 033	6.7	A05-329	5.0
RUBIX (4S2W)	6.7	A05-TB-382	5.0
SRX 466	6.7	AMERICA	5.0
THERMAL BLUE	6.7	ARAMINTHA (PP 10847)	5.0
A05-999	6.3	BAR 8PP 504	5.0
A06-46	6.3	BARON	5.0
J-1770	6.3	JACKRABBIT (PST-K10-106D)	5.0
MIDNIGHT	6.3	MERLOT (LTP-08-6)	5.0
NU CHICAGO	6.3	PST-K9-90	5.0
RUSH	6.3	ZEDOR (PPH 9131)	5.0
A00-2882	6.0	AKB 2555	4.7
A05-361	6.0	ARROWHEAD	4.7
A06-47	6.0	BARDUKE	4.7
AVID	6.0	BLACKJACK	4.7
BAR PP 119326	6.0	BAR PP 119327	4.3
BURL 3-51	6.0	BAR VV 118532	4.3
LEGEND (A10-1)	6.0	BLUE COAT (AKB 2282)	4.3
MAZAMA (A04-74)	6.0	LUNAR (PST-07-261)	4.3
PICK TD8	6.0	OASIS (A98-344)	4.3
PICK TD9	6.0	ZINGER (A05-306)	4.3
PST-K4-3	6.0	PST-K9-99	3.3
SKYE	6.0	WATERWORKS (A05-204)	2.3
SR 2150 (SRX 5321)	6.0		
SRX 4338	6.0	LSD VALUE	1.1
A01-1106	5.7	C.V. (%)	11.8
BAR 12PP 612	5.7		

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 22. PERCENT RECOVERY RATINGS FROM DROUGHT OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA 2/

NAME	MD1	NAME	MD1
BAR VV 112916	73.3	A00-4199	26.7
BARVETTE HGT (BAR VV 0709)	63.3	A04-38	26.7
KENBLUE	63.3	A05-329	26.7
A05-999	60.0	BAR 12PP 612	26.7
A98-363	60.0	BLACKJACK	26.7
PICK 033	60.0	EMPIRE	26.7
SRX 466	56.7	JACKRABBIT (PST-K10-106D)	26.7
OASIS (A98-344)	50.0	KEENELAND (A04-342)	26.7
A05-361	46.7	MERLOT (LTP-08-6)	26.7
MAZAMA (A04-74)	46.7	PICK TD9	26.7
SRX 2758	46.7	PST-K4-3	26.7
WATERWORKS (A05-204)	46.7	RAD-1492	26.7
A05-360	43.3	SKYE	26.7
AMERICA	43.3	A06-26	23.3
BAR PP 110358	43.3	AKB 2555	23.3
BLUEBANK (A03-1017)	43.3	BAR PP 119326	23.3
A00-2882	40.0	BAR VV 118532	23.3
LEGEND (A10-1)	40.0	BARDUKE	23.3
PICK MP07	40.0	BARON	23.3
PICK TD8	40.0	BURL 3-51	23.3
RAD-849	40.0	MIDNIGHT	23.3
SRX 4338	40.0	PST-T10-18	23.3
ZINGER (A05-306)	40.0	RAD-507	23.3
CABERNET	36.7	SHAMROCK	23.3
J-1136	36.7	ARAMINTHA (PP 10847)	20.0
NU CHICAGO	36.7	ARROWHEAD	20.0
PICK 4340	36.7	BAR PP 119327	20.0
A05-TB-382	33.3	BOLT (H99-1653)	20.0
A06-46	33.3	ENDURANCE (PST-K4-7)	20.0
BLUE NOTE	33.3	PST-K9-97	20.0
BURL 06-11	33.3	PST-K9-99	20.0
DAUNTLESS (A05-315)	33.3	RUBIX (4S2W)	20.0
J-1770	33.3	A04-36	16.7
J-1853	33.3	BLUE COAT (AKB 2282)	16.7
PST-K9-90	33.3	GEISHA (DPPP818)	16.7
SUDDEN IMPACT	33.3	RUSH	16.7
THERMAL BLUE	33.3	SR 2150 (SRX 5321)	16.7
A01-1106	30.0	ZEDOR (PPH 9131)	16.7
AWARD	30.0	A06-47	10.0
BAR 8PP 504	30.0		
LUNAR (PST-07-261)	30.0	LSD VALUE	23.4
3733	26.7	C.V. (%)	44.8

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 23.

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	MN1	UT1	MEAN	NAME	MN1	UT1	MEAN
KEENELAND (A04-342)	7.0	7.7	7.3	A06-46	6.0	5.0	5.5
BLUE COAT (AKB 2282)	7.7	6.7	7.2	GEISHA (DPPP818)	6.0	5.0	5.5
RUSH	7.3	6.3	6.8	J-1853	7.0	4.0	5.5
SRX 4338	6.0	7.3	6.7	OASIS (A98-344)	5.7	5.3	5.5
A00-2882	5.7	7.3	6.5	PST-K9-90	6.3	4.7	5.5
BOLT (H99-1653)	7.0	6.0	6.5	PST-K9-99	6.3	4.7	5.5
DAUNTLESS (A05-315)	7.7	5.3	6.5	RAD-849	5.7	5.3	5.5
PICK 4340	5.7	7.3	6.5	SRX 466	5.7	5.3	5.5
BAR VV 118532	7.7	5.0	6.3	A05-360	5.7	5.0	5.3
BARVETTE HGT (BAR VV 0709)	7.3	5.3	6.3	BAR PP 110358	6.0	4.7	5.3
THERMAL BLUE	7.3	5.3	6.3	LUNAR (PST-07-261)	5.0	5.7	5.3
A00-4199	5.7	6.7	6.2	NU CHICAGO	6.0	4.7	5.3
ARROWHEAD	6.7	5.7	6.2	SUDDEN IMPACT	6.0	4.7	5.3
BURL 3-51	7.7	4.7	6.2	ZINGER (A05-306)	5.7	5.0	5.3
J-1770	6.7	5.7	6.2	A06-47	5.3	5.3	5.3
PST-T10-18	6.7	5.7	6.2	AMERICA	5.3	5.3	5.3
BAR 8PP 504	6.3	6.0	6.2	LEGEND (A10-1)	6.3	4.3	5.3
MIDNIGHT	6.3	6.0	6.2	A06-26	5.7	4.3	5.0
SKYE	7.0	5.3	6.2	A98-363	5.0	5.0	5.0
SR 2150 (SRX 5321)	7.0	5.3	6.2	BAR PP 119327	4.7	5.3	5.0
ARAMINTHA (PP 10847)	6.3	5.7	6.0	BAR VV 112916	6.7	3.3	5.0
BLUE NOTE	7.0	5.0	6.0	BARON	4.7	5.3	5.0
BLUEBANK (A03-1017)	6.7	5.3	6.0	EMPIRE	6.3	3.7	5.0
ENDURANCE (PST-K4-7)	6.7	5.3	6.0	PICK MP07	5.0	5.0	5.0
J-1136	6.0	6.0	6.0	SHAMROCK	5.3	4.7	5.0
MAZAMA (A04-74)	5.7	6.3	6.0	BARDUKE	5.0	4.7	4.8
PICK TD9	6.3	5.7	6.0	MERLOT (LTP-08-6)	6.7	3.0	4.8
A01-1106	5.0	6.7	5.8	PST-K9-97	5.0	4.7	4.8
BAR PP 119326	6.7	5.0	5.8	RAD-1492	4.7	5.0	4.8
RAD-507	6.0	5.7	5.8	AKB 2555	4.7	4.7	4.7
RUBIX (4S2W)	6.0	5.7	5.8	A05-999	5.3	4.0	4.7
SRX 2758	6.7	5.0	5.8	A05-329	4.0	5.0	4.5
ZEDOR (PPH 9131)	5.0	6.7	5.8	BLACKJACK	3.7	5.3	4.5
A05-361	6.3	5.3	5.8	PST-K4-3	4.7	4.3	4.5
BAR 12PP 612	4.3	7.3	5.8	WATERWORKS (A05-204)	5.0	3.7	4.3
A05-TB-382	5.7	5.7	5.7	KENBLUE	4.0	3.3	3.7
AWARD	6.7	4.7	5.7	PICK 033	2.3	5.0	3.7
BURL 06-11	6.7	4.7	5.7	JACKRABBIT (PST-K10-106D)	3.0	4.3	3.7
PICK TD8	5.7	5.7	5.7	AVID	3.0	2.7	2.8
3733	5.3	6.0	5.7				
CABERNET	6.3	5.0	5.7	LSD VALUE	2.2	2.0	1.5
A04-36	5.7	5.3	5.5	C.V. (%)	23.0	23.7	23.3
A04-38	6.7	4.3	5.5				

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

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

TABLE 24. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2016 DATA

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

NAME	WA1	NAME	WA1
BAR PP 119327	9.0	BURL 3-51	8.0
BURL 06-11	9.0	JACKRABBIT (PST-K10-106D)	8.0
ENDURANCE (PST-K4-7)	9.0	PICK TD9	8.0
PICK 4340	9.0	PST-K9-90	8.0
RAD-1492	9.0	RAD-507	8.0
RAD-849	9.0	SHAMROCK	8.0
A00-2882	8.7	A98-363	7.7
A06-46	8.7	AKB 2555	7.7
BAR PP 110358	8.7	AMERICA	7.7
BLACKJACK	8.7	ARROWHEAD	7.7
GEISHA (DPPP818)	8.7	DAUNTLESS (A05-315)	7.7
KEENELAND (A04-342)	8.7	SRX 466	7.7
MERLOT (LTP-08-6)	8.7	A04-38	7.3
OASIS (A98-344)	8.7	KENBLUE	7.3
PICK MPO7	8.7	LUNAR (PST-07-261)	7.3
SRX 4338	8.7	MIDNIGHT	7.3
WATERWORKS (A05-204)	8.7	NU CHICAGO	7.3
ZINGER (A05-306)	8.7	PICK 033	7.3
3733	8.3	PST-K4-3	7.3
A00-4199	8.3	RUSH	7.3
A05-TB-382	8.3	SRX 2758	7.3
A06-26	8.3	AWARD	7.0
A06-47	8.3	BARVETTE HGT (BAR VV 0709)	7.0
BAR 12PP 612	8.3	J-1136	7.0
BAR VV 118532	8.3	A05-329	6.7
BLUE COAT (AKB 2282)	8.3	BARON	6.7
CABERNET	8.3	BLUEBANK (A03-1017)	6.7
PST-K9-99	8.3	EMPIRE	6.7
RUBIX (4S2W)	8.3	LEGEND (A10-1)	6.7
SKYE	8.3	PICK TD8	6.7
ZEDOR (PPH 9131)	8.3	PST-T10-18	6.7
A01-1106	8.0	SR 2150 (SRX 5321)	6.7
A04-36	8.0	THERMAL BLUE	6.7
A05-360	8.0	BAR 8PP 504	6.3
A05-361	8.0	J-1853	6.3
A05-999	8.0	MAZAMA (A04-74)	6.3
ARAMINTHA (PP 10847)	8.0	J-1770	6.0
AVID	8.0	PST-K9-97	6.0
BAR PP 119326	8.0	SUDDEN IMPACT	4.0
BAR VV 112916	8.0		
BARDUKE	8.0	LSD VALUE	2.4
BLUE NOTE	8.0	C.V. (%)	19.5
BOLT (H99-1653)	8.0		

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
 2016 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/
3733	5.5	8.3	GEISHA (DPPP818)	5.2	0.0
A00-2882	6.2	58.3	J-1136	6.0	50.0
A00-4199	5.9	25.0	J-1770	6.1	50.0
A01-1106	5.9	50.0	J-1853	5.9	25.0
A04-36	5.5	8.3	JACKRABBIT (PST-K10-106D)	5.5	16.7
A04-38	5.7	16.7	KEENELAND (A04-342)	6.1	50.0
A05-329	5.1	0.0	KENBLUE	4.5	16.7
A05-360	6.1	50.0	LEGEND (A10-1)	5.7	25.0
A05-361	5.8	33.3	LUNAR (PST-07-261)	5.2	8.3
A05-999	5.4	8.3	MAZAMA (A04-74)	5.9	16.7
A05-TB-382	5.4	16.7	MERLOT (LTP-08-6)	5.8	25.0
A06-26	5.6	33.3	MIDNIGHT	5.9	58.3
A06-46	6.4	50.0	NU CHICAGO	6.0	58.3
A06-47	5.7	8.3	OASIS (A98-344)	5.7	33.3
A98-363	5.5	25.0	PICK 033	6.0	41.7
AKB 2555	5.2	0.0	PICK 4340	5.7	50.0
AMERICA	5.6	25.0	PICK MP07	5.0	0.0
ARAMINTHA (PP 10847)	5.7	8.3	PICK TD8	5.7	16.7
ARROWHEAD	5.9	58.3	PICK TD9	5.0	0.0
AVID	5.2	25.0	PST-K4-3	5.2	8.3
AWARD	5.8	16.7	PST-K9-90	5.6	16.7
BAR 12PP 612	5.3	16.7	PST-K9-97	5.4	8.3
BAR 8PP 504	5.5	16.7	PST-K9-99	5.1	0.0
BAR PP 110358	6.2	58.3	PST-T10-18	5.8	33.3
BAR PP 119326	5.4	8.3	RAD-1492	5.5	8.3
BAR PP 119327	5.2	8.3	RAD-507	5.5	16.7
BAR VV 112916	5.3	8.3	RAD-849	5.6	33.3
BAR VV 118532	5.3	0.0	RUBIX (4S2W)	5.7	25.0
BARDUKE	5.2	0.0	RUSH	5.6	25.0
BARON	5.2	0.0	SHAMROCK	5.4	0.0
BARVETTE HGT (BAR VV 0709)	5.8	25.0	SKYE	6.2	58.3
BLACKJACK	5.1	0.0	SR 2150 (SRX 5321)	5.5	16.7
BLUE COAT (AKB 2282)	5.6	16.7	SRX 2758	5.9	41.7
BLUE NOTE	6.2	66.7	SRX 4338	6.0	58.3
BLUEBANK (A03-1017)	6.2	58.3	SRX 466	6.2	66.7
BOLT (H99-1653)	5.7	25.0	SUDDEN IMPACT	5.8	33.3
BURL 06-11	5.6	16.7	THERMAL BLUE	5.3	0.0
BURL 3-51	5.7	33.3	WATERWORKS (A05-204)	5.1	0.0
CABERNET	6.0	41.7	ZEDOR (PPH 9131)	5.3	0.0
DAUNTLESS (A05-315)	5.7	16.7	ZINGER (A05-306)	5.4	0.0
EMPIRE	5.4	33.3			
ENDURANCE (PST-K4-7)	6.1	41.7	LSD VALUE	0.4	
			C.V. (%)	13.9	

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

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

1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25% THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.