

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 2012-16

State	Location	Code
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Massachusetts	Amherst (Traffic Study)	MA1
Maryland	College Park	MD1
Michigan	East Lansing	MI1
Michigan	East Lansing (Traffic Study)	MI2
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
Oklahoma	Stillwater	OK1
Ontario	Guelph (Organic)	ON1
Tennessee	Knoxville	TN1
Tennessee	Knoxville (Traffic)	TN2
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Wisconsin	Madison	WI1
Wisconsin	Madison (Traffic)	WI2

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.

2012-16 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 STRESS
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	151-240	1.1-2.0	DENSE SHADE	3.1-3.5	ONLY DURING SEVERE STRESS
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	SILT LOAM AND SILT	-	-	-	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MA1	LOAM	5.6-6.0	0-60	241-375	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MI1	-	-	-	-	-	-	-	-
MI2	-	-	-	-	-	-	-	-
MN1	SILTY CLAY LOAM	5.6-6.0	61-150	241-375	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
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	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	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	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	LOAM	7.1-7.5	151-270	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
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
WI1	SILT LOAM AND SILT	7.1-7.5	-	-	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
WI2	SILT LOAM AND SILT	7.1-7.5	-	-	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2012-16

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	X	
IL1				X	X	X	X	X	X	X			X	X	
IL2			X	X	X	X	X	X	X	X	X		X	X	
IN1				X	X	X	X	X	X	X	X		X	X	X
KS1				X	X	X	X	X	X	X	X		X	X	
MA1				X	X	X	X	X	X	X	X	X	X	X	X
MD1				X	X	X	X	X	X	X	X	X		X	
MI1				X	X	X	X	X	X	X	X			X	
MI2				X	X	X	X	X	X	X	X			X	
MN1				X	X	X	X	X	X	X			X	X	
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NJ1				X	X	X	X	X	X	X				X	
NJ2				X	X	X	X	X	X	X	X		X	X	
NJ3															X
OK1	X		X	X	X	X	X	X	X	X	X	X	X	X	X
ON1				X	X	X	X	X	X	X	X				
TN1	X	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	X	
UT1				X	X	X	X	X	X	X			X	X	X
VA1			X	X	X	X	X	X	X	X	X		X		X
WA1				X	X	X	X	X	X	X			X	X	
WI1					X	X	X	X	X	X	X		X	X	X
WI2					X	X	X	X	X	X	X		X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012-16

LOCATION	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE DORMANCY	TYPHULA BLIGHT	LEAF SPOT	STEM RUST
IA1														
IL1														
IL2		X				X	X	X						
IN1			X	X							X		X	X
KS1														
MA1	X		X		X					X			X	X
MD1		X												X
MI1							X	X						
MI2														
MN1														
NC1		X	X	X	X	X	X	X	X					X
NJ1		X							X				X	
NJ2								X	X				X	X
NJ3														
OK1		X		X	X	X	X	X					X	
ON1														
TN1						X	X	X	X					
TN2														
UT1							X							
VA1						X		X						
WA1		X												
WI1						X	X	X	X	X		X		X
WI2						X	X	X	X	X		X		X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012-16

LOCATION	DOLLAR SPOT	RED THREAD	BROWN PATCH WARM TEMP.	SUMMER PATCH	CROWN RUST	POWDERY MILDEW	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	POA ANNUA	MOWING QUALITY	PERCENT ESTABLISHMENT
IA1				X										
IL1														X
IL2						X								
IN1	X										X			
KS1				X										
MA1										X		X		X
MD1	X	X								X	X			
MI1														
MI2														
MN1				X										
NC1				X							X			
NJ1	X			X							X			
NJ2													X	
NJ3														
OK1	X		X	X	X		X	X		X		X		
ON1														
TN1	X			X										X
TN2														
UT1														
VA1		X		X										X
WA1														
WI1					X									
WI2														

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012-16

LOCATION	UNIFORMITY RATINGS	BIPOLARIS CROWN ROT	GROUND COVER WINTER	WINTER DENSITY	PERCENT ANNUAL BLUEGRASS	RUST DISEASE	EARLY SPRING TOP GROWTH	EARLY SPRING COLOR	PERCENT WEEDS
IA1	X								
IL1	X								
IL2									
IN1						X			
KS1	X								
* MA1									
MD1							X	X	
MI1									
MI2									
MN1	X								
* NC1									
NJ1									
NJ2	X								
* NJ3									
OK1		X	X	X	X				
ON1									
TN1									
* TN2									
UT1	X								
VA1									
WA1	X								
WI1									X
WI2									

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012-16

LOCATION	SUMMER PATCH		STEM RUST		PERCENT ESTABLISHMENT				THATCH MEASUREMENT		PERCENT RECOVERY FROM DROUGHT	LEAF RUST
	AUG	SEP	MAY	SEP	OCT	NOV	DEC	APR	2012	2015		
IA1												
IL1												
IL2												
IN1												
KS1	X	X										
* MA1												
MD1											X	
MI1												
MI2												
MN1												
* NC1												
NJ1				X	X							
NJ2												
* NJ3												
OK1							X	X				
ON1												
TN1	X	X										
* TN2												
UT1						X			X			
VA1												
WA1												X
WI1										X	X	
WI2												

* MORE DATA FOR MA1, NC1, NJ3 AND TN2 IN TABLE 24, 29, 26 AND 27.

TABLE 1. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2012 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	IN1	IL1	MN1	KS1	WA1	MEAN
PICK 4340	6.1	7.3	5.5	6.1	8.1	6.5	6.6
SRX 4338	6.1	7.1	5.5	6.0	7.9	6.3	6.5
* KEENELAND (A04-342)	6.0	7.1	5.5	5.9	7.9	6.3	6.4
J-1136	5.9	6.8	5.1	6.1	7.6	6.2	6.3
* BLUE NOTE	5.8	7.1	5.3	5.8	7.7	6.1	6.3
* NU CHICAGO	5.7	6.9	5.1	6.0	7.6	6.1	6.2
* ARAMINTHA (PP 10847)	5.8	7.0	4.9	5.7	7.7	6.1	6.2
J-1853	5.7	7.0	5.2	5.7	7.6	5.9	6.2
J-1770	5.7	7.1	5.0	5.9	7.6	5.8	6.2
* LEGEND (A10-1)	5.6	6.7	5.2	5.7	7.6	6.3	6.2
BLUEBANK (A03-1017)	5.7	7.0	5.0	5.9	7.5	5.9	6.2
A06-46	5.7	7.0	5.3	5.6	7.6	5.8	6.2
* MIDNIGHT	5.7	6.8	5.3	5.6	7.7	6.0	6.2
* BARVETTE HGT (tm) (BAR VV 0709)	5.6	7.1	5.4	5.2	7.9	5.8	6.2
A05-360	5.6	6.7	5.3	5.5	7.7	6.1	6.1
* SUDDEN IMPACT	5.6	6.7	5.1	5.8	7.5	6.1	6.1
* SKYE	5.6	7.0	5.2	5.4	7.7	5.7	6.1
SRX 2758	5.7	6.7	5.0	5.7	7.5	5.8	6.1
PICK 033	5.6	6.8	5.2	5.5	7.6	5.8	6.1
* ENDURANCE (PST-K4-7)	5.5	6.4	5.3	5.3	7.6	6.3	6.1
BOLT (H99-1653)	5.6	7.0	5.1	5.3	7.7	5.7	6.0
PICK TD8	5.6	6.8	5.0	5.5	7.6	5.9	6.0
* BLUE COAT (AKB 2282)	5.4	6.6	5.0	5.5	7.5	6.0	6.0
A06-26	5.6	6.9	4.9	5.5	7.5	5.7	6.0
* RUSH	5.5	6.6	4.9	5.6	7.4	6.0	6.0
BURL 3-51	5.5	6.3	5.1	5.5	7.4	6.1	6.0
* RUBIX (4S2W)	5.6	6.3	4.8	5.6	7.4	6.2	6.0
SRX 466	5.5	6.5	5.2	5.2	7.5	5.7	6.0
RAD-849	5.2	6.8	5.0	5.4	7.4	5.9	5.9
BURL 06-11	5.5	6.3	5.0	5.3	7.5	6.1	5.9
RAD-1492	5.5	6.5	4.7	5.6	7.4	6.0	5.9
BAR PP 110358	5.4	6.7	5.2	4.8	7.6	5.5	5.9
* JACKRABBIT (PST-K10-106D)	5.4	6.4	5.1	5.0	7.5	5.8	5.9
MERLOT (LTP-08-6)	5.5	6.4	5.1	5.2	7.4	5.6	5.9
BAR VV 112916	5.3	6.5	5.1	5.0	7.4	5.7	5.9
* LUNAR (PST-07-261)	5.3	6.6	4.8	5.4	7.3	5.6	5.8
A00-2882	5.3	6.4	5.4	4.9	7.4	5.7	5.8
PST-T10-18	5.3	6.8	5.0	5.0	7.5	5.4	5.8
A01-1106	5.1	6.6	5.2	5.1	7.3	5.5	5.8
A00-4199	5.2	6.8	5.0	5.0	7.5	5.4	5.8
* AVID	5.4	6.2	5.0	5.1	7.4	5.9	5.8
BAR 8PP 504	5.3	6.6	5.0	4.9	7.4	5.4	5.8
A04-38	5.2	6.7	4.8	5.0	7.4	5.6	5.8
A05-TB-382	5.3	6.6	5.0	4.9	7.4	5.5	5.8
A04-36	5.3	6.6	4.7	5.1	7.4	5.6	5.8
A05-361	5.3	6.6	4.8	5.2	7.3	5.4	5.8

TABLE 1. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2012 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	IN1	IL1	MN1	KS1	WA1	MEAN
* OASIS (A98-344)	5.1	6.1	5.4	4.8	7.3	5.7	5.7
A98-363	5.2	6.3	5.1	4.8	7.3	5.6	5.7
* DAUNTLESS (A05-315)	5.1	6.7	4.9	4.9	7.3	5.4	5.7
* ARROWHEAD	5.3	6.2	4.8	5.0	7.2	5.7	5.7
SR 2150 (SRX 5321)	5.2	6.3	4.8	5.0	7.2	5.5	5.7
PST-K4-3	5.2	6.2	4.7	5.1	7.2	5.7	5.7
* AMERICA	5.3	6.1	4.9	4.8	7.3	5.7	5.7
A06-47	5.4	5.8	4.8	5.0	7.2	5.8	5.7
BAR VV 118532	5.1	6.4	5.1	4.6	7.4	5.5	5.7
* EMPIRE	5.3	5.9	5.0	4.9	7.2	5.8	5.7
BAR PP 119327	5.2	6.3	4.8	4.9	7.3	5.7	5.7
* MAZAMA (A04-74)	5.1	6.1	5.0	5.0	7.2	5.7	5.7
* BARON	5.2	6.2	4.7	4.8	7.3	5.7	5.7
RAD-507	5.2	6.0	4.7	5.0	7.2	5.7	5.6
PICK MP07	5.2	6.0	4.9	4.6	7.3	5.6	5.6
* ZEDOR (PPH 9131)	5.2	6.2	4.7	4.7	7.3	5.5	5.6
* GEISHA (DPPP 818)	5.1	6.1	4.8	4.8	7.2	5.6	5.6
BAR 12PP 612	5.2	5.8	4.2	5.4	6.9	5.9	5.6
* ZINGER (A05-306)	4.9	6.4	4.7	4.7	7.2	5.4	5.5
BAR PP 119326	4.9	6.2	5.0	4.4	7.3	5.4	5.5
* WATERWORKS (A05-204)	5.0	5.8	4.8	4.8	7.1	5.6	5.5
PST-K9-90	4.7	6.3	4.6	5.1	6.9	5.5	5.5
* BARDUKE	5.0	6.1	4.8	4.5	7.2	5.5	5.5
* SHAMROCK	4.9	6.2	4.9	4.4	7.2	5.4	5.5
A05-999	4.9	6.4	4.8	4.6	7.1	5.2	5.5
PST-K9-99	5.0	6.0	4.8	4.5	7.2	5.5	5.5
* CABERNET	5.1	6.1	4.7	4.5	7.1	5.1	5.5
* THERMAL BLUE	4.8	6.4	4.8	4.3	7.2	5.1	5.4
* BLACKJACK	4.5	6.0	4.5	4.6	6.9	5.6	5.4
* AWARD	5.3	5.7	4.3	4.5	7.0	5.1	5.3
PST-K9-97	5.2	5.5	4.1	4.7	6.9	5.5	5.3
PICK TD9	4.5	5.6	4.4	4.6	6.7	5.6	5.2
* KENBLUE	4.5	5.9	4.7	3.8	7.0	4.9	5.1
A05-329	4.2	5.0	4.5	3.8	6.4	5.0	4.8
AKB 2555	4.2	5.2	4.1	3.8	6.4	4.9	4.8
3733	4.2	4.6	3.7	3.1	6.1	4.1	4.3
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	10.9	9.0	11.7	11.3	7.8	10.1	9.9

- * COMMERCIALY AVAILABLE IN THE USA IN 2017
- ** ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF
- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2012 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	VA1	NC1	TN1	UT1	MEAN
A06-46	6.6	6.8	6.3	7.1	7.0	6.8
A01-1106	6.0	7.2	5.7	6.7	7.5	6.6
A00-2882	5.5	7.3	5.8	7.0	7.1	6.5
J-1853	6.5	6.3	6.0	6.8	7.1	6.5
KEENELAND (A04-342)	6.2	6.4	6.1	7.0	7.0	6.5
SRX 4338	6.4	6.1	6.2	7.1	6.9	6.5
PICK 033	6.3	6.5	6.1	6.9	6.8	6.5
SRX 466	5.9	6.7	5.9	6.9	6.8	6.4
OASIS (A98-344)	5.1	7.4	5.4	6.8	7.4	6.4
MIDNIGHT	6.0	6.3	5.9	6.8	6.9	6.4
PICK 4340	6.2	5.9	6.0	6.9	6.9	6.4
J-1770	6.8	5.8	6.0	6.6	6.7	6.4
SUDDEN IMPACT	6.4	6.0	5.6	6.5	7.4	6.4
J-1136	6.6	5.6	5.8	6.6	7.1	6.4
BLUE NOTE	6.2	6.0	5.9	6.8	6.8	6.3
SKYE	5.9	6.2	6.0	6.8	6.4	6.3
BLUEBANK (A03-1017)	6.6	5.6	5.8	6.5	6.8	6.2
NU CHICAGO	6.5	5.6	5.6	6.4	7.1	6.2
SRX 2758	6.4	5.6	6.0	6.7	6.4	6.2
A05-360	5.7	6.2	5.7	6.7	6.8	6.2
MERLOT (LTP-08-6)	5.8	6.2	5.9	6.8	6.3	6.2
BARVETTE HGT (BAR VV 0709)	5.2	6.3	6.0	7.0	6.0	6.1
BURL 3-51	5.7	5.8	5.3	6.4	7.1	6.1
BAR PP 110358	5.0	6.4	6.1	7.0	5.6	6.0
LEGEND (A10-1)	5.6	5.7	5.3	6.4	7.0	6.0
A05-361	5.9	5.8	5.7	6.5	6.2	6.0
MAZAMA (A04-74)	5.3	6.2	5.3	6.4	6.8	6.0
BAR VV 112916	5.2	6.3	5.5	6.5	6.6	6.0
LUNAR (PST-07-261)	6.0	5.6	5.4	6.2	6.7	6.0
A98-363	4.9	6.4	5.4	6.6	6.4	6.0
BAR 8PP 504	5.3	6.1	5.9	6.7	5.8	6.0
RUSH	5.8	5.4	5.3	6.3	6.7	5.9
A05-TB-382	5.1	6.1	5.8	6.7	5.7	5.9
ENDURANCE (PST-K4-7)	4.8	6.0	5.2	6.5	6.8	5.9
PST-T10-18	5.2	6.0	5.7	6.6	5.8	5.9
EMPIRE	4.9	6.0	5.3	6.5	6.4	5.8
A00-4199	5.2	6.0	5.6	6.5	5.8	5.8
BOLT (H99-1653)	5.3	5.6	5.8	6.6	5.7	5.8
A06-26	5.8	5.2	5.7	6.4	5.9	5.8
BAR VV 118532	4.5	6.4	5.4	6.6	6.0	5.8
A05-999	5.0	6.2	5.2	6.2	6.2	5.8
JACKRABBIT (PST-K10-106D)	4.8	5.9	5.5	6.6	6.0	5.7
PICK TD8	5.4	5.2	5.5	6.4	6.0	5.7
SR 2150 (SRX 5321)	5.2	5.6	5.4	6.3	6.0	5.7
RAD-849	5.2	5.5	4.9	6.0	6.9	5.7

TABLE 2. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2012 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	VA1	NC1	TN1	UT1	MEAN
AVID	4.8	5.6	5.3	6.4	6.2	5.7
ARROWHEAD	5.0	5.6	5.3	6.3	6.1	5.7
DAUNTLESS (A05-315)	5.0	5.8	5.4	6.3	5.8	5.7
BLUE COAT (AKB 2282)	5.2	5.3	5.1	6.2	6.5	5.7
WATERWORKS (A05-204)	4.6	5.8	5.0	6.2	6.3	5.6
BAR PP 119326	4.1	6.3	5.2	6.4	5.8	5.6
CABERNET	4.7	5.7	5.7	6.6	5.1	5.6
A06-47	4.8	5.3	5.4	6.5	5.8	5.6
RUBIX (4S2W)	5.4	4.8	5.1	6.1	6.4	5.6
BURL 06-11	4.9	5.2	5.1	6.2	6.3	5.5
PST-K4-3	5.2	5.2	5.1	6.1	6.2	5.5
ARAMINTHA (PP 10847)	5.3	4.7	5.5	6.3	5.6	5.5
THERMAL BLUE	4.2	6.0	5.2	6.3	5.4	5.4
RAD-1492	5.4	4.5	5.1	6.0	6.0	5.4
PST-K9-90	5.1	5.2	4.3	5.4	7.0	5.4
A04-36	4.9	5.1	5.3	6.2	5.6	5.4
AMERICA	4.3	5.4	5.2	6.4	5.6	5.4
PST-K9-99	4.2	5.7	5.1	6.3	5.7	5.4
RAD-507	4.7	5.1	5.0	6.1	5.9	5.4
GEISHA (DPPP 818)	4.4	5.3	5.1	6.2	5.6	5.3
A04-38	4.7	5.1	5.1	6.1	5.5	5.3
PICK MP07	4.0	5.5	5.2	6.4	5.3	5.3
BAR PP 119327	4.4	5.1	5.0	6.1	5.6	5.2
BARDUKE	4.0	5.5	4.9	6.1	5.6	5.2
SHAMROCK	3.9	5.7	5.0	6.2	5.5	5.2
A05-329	3.6	6.1	4.2	5.7	6.4	5.2
ZINGER (A05-306)	4.3	5.2	4.9	5.9	5.5	5.2
KENBLUE	3.4	6.0	5.0	6.2	5.0	5.1
ZEDOR (PPH 9131)	4.2	4.9	5.2	6.2	4.9	5.1
AWARD	4.4	4.7	5.8	6.6	3.9	5.1
PICK TD9	4.2	5.0	3.9	5.3	6.7	5.0
BARON	4.1	4.7	4.9	6.0	5.2	5.0
BAR 12PP 612	5.0	3.6	4.5	5.5	5.7	4.9
BLACKJACK	3.6	4.5	3.6	5.0	6.2	4.6
AKB 2555	3.1	4.8	4.0	5.3	5.2	4.5
PST-K9-97	3.9	3.5	4.8	5.8	4.1	4.4
3733	2.8	4.6	4.8	5.9	3.2	4.3
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	11.2	10.1	10.7	9.0	9.4	10.0

- * ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF
- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2012 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	WI1	IA1	MEAN	NAME	NJ1	WI1	IA1	MEAN
BARVETTE HGT (BAR VV 0709)	6.0	6.1	6.2	6.1	ENDURANCE (PST-K4-7)	3.6	5.2	6.1	5.0
BOLT (H99-1653)	6.0	5.8	5.8	5.9	A01-1106	4.6	4.6	5.6	4.9
A00-4199	5.9	5.7	5.7	5.8	PICK MP07	3.7	5.3	5.8	4.9
THERMAL BLUE	5.5	5.9	5.7	5.7	A98-363	4.0	4.9	5.7	4.9
A04-38	5.7	5.8	5.6	5.7	RUSH	4.6	4.6	5.4	4.9
PICK 4340	5.4	5.5	6.1	5.7	SRX 466	4.4	4.5	5.7	4.9
ARAMINTHA (PP 10847)	5.6	5.6	5.6	5.6	A05-361	4.9	4.4	5.2	4.9
BAR PP 110358	5.3	5.6	5.9	5.6	PST-K9-99	3.8	5.1	5.6	4.8
PST-T10-18	5.7	5.5	5.6	5.6	PST-K9-90	4.6	4.8	5.1	4.8
SKYE	5.7	5.3	5.7	5.6	CABERNET	4.4	4.7	5.4	4.8
DAUNTLESS (A05-315)	5.6	5.5	5.6	5.6	LUNAR (PST-07-261)	4.9	4.4	5.2	4.8
RAD-849	5.4	5.6	5.6	5.5	A00-2882	3.9	4.6	5.8	4.8
KEENELAND (A04-342)	5.3	5.3	6.0	5.5	SR 2150 (SRX 5321)	4.4	4.6	5.3	4.8
ZINGER (A05-306)	5.2	5.7	5.5	5.5	SUDDEN IMPACT	4.6	4.3	5.4	4.8
BLUE NOTE	5.4	5.1	5.7	5.4	AMERICA	3.6	5.0	5.7	4.8
BAR 8PP 504	5.2	5.2	5.7	5.4	SRX 2758	4.8	4.2	5.3	4.8
A05-TB-382	5.0	5.3	5.7	5.3	GEISHA (DPPP 818)	3.8	4.9	5.5	4.8
A04-36	5.2	5.3	5.5	5.3	RAD-1492	4.3	4.6	5.2	4.7
A06-26	5.5	5.0	5.4	5.3	J-1136	4.5	4.2	5.4	4.7
BAR VV 118532	4.5	5.5	5.9	5.3	OASIS (A98-344)	3.4	4.7	6.0	4.7
BAR PP 119326	4.4	5.6	5.9	5.3	BURL 06-11	3.6	4.8	5.6	4.7
J-1770	5.9	4.7	5.3	5.3	MERLOT (LTP-08-6)	4.1	4.3	5.5	4.6
PICK TD8	5.1	5.2	5.6	5.3	AVID	3.5	4.7	5.7	4.6
SHAMROCK	4.3	5.6	5.8	5.3	ARROWHEAD	3.8	4.5	5.4	4.6
SRX 4338	5.0	4.9	5.9	5.3	PST-K4-3	4.0	4.4	5.3	4.6
J-1853	5.4	4.8	5.6	5.3	BURL 3-51	3.4	4.2	5.5	4.4
A06-46	5.3	4.6	5.6	5.2	RAD-507	3.4	4.4	5.3	4.4
JACKRABBIT (PST-K10-106D)	4.4	5.3	5.9	5.2	MAZAMA (A04-74)	3.4	4.2	5.5	4.4
BLUEBANK (A03-1017)	5.6	4.6	5.3	5.2	RUBIX (4S2W)	3.4	4.2	5.3	4.3
KENBLUE	4.2	5.6	5.7	5.2	WATERWORKS (A05-204)	3.0	4.3	5.5	4.2
BAR VV 112916	4.6	5.2	5.8	5.2	EMPIRE	2.7	4.1	5.5	4.1
MIDNIGHT	4.9	4.9	5.7	5.2	PICK TD9	2.9	4.3	5.1	4.1
A05-999	5.0	5.1	5.4	5.2	AWARD	3.2	3.9	5.0	4.1
BLUE COAT (AKB 2282)	4.7	5.2	5.6	5.2	AKB 2555	2.7	4.5	5.0	4.0
BAR PP 119327	4.4	5.3	5.6	5.1	A06-47	2.5	3.9	5.4	4.0
A05-360	4.4	5.0	5.8	5.1	BAR 12PP 612	3.0	3.7	4.8	3.8
BLACKJACK	4.2	5.6	5.4	5.1	PST-K9-97	2.6	3.9	4.9	3.8
ZEDOR (PPH 9131)	4.3	5.3	5.6	5.1	A05-329	1.6	3.8	5.2	3.5
PICK 033	5.0	4.6	5.6	5.1	3733	1.9	3.5	4.6	3.3
BARON	4.2	5.3	5.6	5.0					
LEGEND (A10-1)	4.4	4.9	5.8	5.0	LSD VALUE	0.9	0.9	0.9	0.9
BARDUKE	4.0	5.3	5.7	5.0	C.V. (%)	13.0	11.8	10.4	11.6
NU CHICAGO	5.1	4.5	5.4	5.0					

- * ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF
- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2012 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MD1	OK1	MEAN	NAME	MD1	OK1	MEAN
SRX 4338	6.1	7.1	6.6	BLUE COAT (AKB 2282)	5.4	6.2	5.8
PICK 4340	6.1	7.0	6.6	BAR VV 112916	5.2	6.3	5.8
KEENELAND (A04-342)	5.9	7.0	6.5	SR 2150 (SRX 5321)	5.2	6.3	5.7
J-1136	6.0	6.8	6.4	ARROWHEAD	5.2	6.3	5.7
A06-46	5.8	7.0	6.4	MAZAMA (A04-74)	5.2	6.3	5.7
SRX 2758	5.8	6.9	6.3	A98-363	5.1	6.3	5.7
BLUE NOTE	5.8	6.8	6.3	A00-4199	5.0	6.4	5.7
J-1770	5.8	6.8	6.3	OASIS (A98-344)	5.1	6.3	5.7
J-1853	5.8	6.8	6.3	CABERNET	4.9	6.5	5.7
PICK 033	5.7	6.9	6.3	AMERICA	5.1	6.3	5.7
MIDNIGHT	5.7	6.8	6.2	A04-36	5.1	6.2	5.7
BLUEBANK (A03-1017)	5.8	6.7	6.2	PST-K4-3	5.2	6.1	5.6
NU CHICAGO	5.8	6.6	6.2	RAD-507	5.1	6.1	5.6
A05-360	5.6	6.7	6.1	BAR VV 118532	4.9	6.3	5.6
SKYE	5.5	6.8	6.1	DAUNTLESS (A05-315)	4.9	6.2	5.6
SUDDEN IMPACT	5.8	6.5	6.1	PICK MP07	4.9	6.2	5.6
MERLOT (LTP-08-6)	5.5	6.8	6.1	ZEDOR (PPH 9131)	4.9	6.2	5.6
SRX 466	5.5	6.7	6.1	GEISHA (DPPP 818)	5.0	6.1	5.5
BARVETTE HGT (BAR VV 0709)	5.4	6.8	6.1	BAR 12PP 612	5.3	5.8	5.5
ARAMINTHA (PP 10847)	5.6	6.6	6.1	WATERWORKS (A05-204)	5.0	6.1	5.5
LEGEND (A10-1)	5.7	6.4	6.0	A04-38	5.0	6.1	5.5
A06-26	5.5	6.6	6.0	RAD-849	5.2	5.9	5.5
BAR PP 110358	5.2	6.8	6.0	BAR PP 119327	5.0	6.1	5.5
BOLT (H99-1653)	5.3	6.7	6.0	PST-K9-97	4.9	6.1	5.5
BURL 3-51	5.6	6.4	6.0	BARON	4.9	6.0	5.5
PICK TD8	5.5	6.5	6.0	PST-K9-99	4.8	6.1	5.4
RUBIX (4S2W)	5.6	6.3	6.0	A05-999	4.8	6.0	5.4
A00-2882	5.3	6.6	6.0	BAR PP 119326	4.7	6.1	5.4
A05-361	5.3	6.6	5.9	BARDUKE	4.7	5.9	5.3
RUSH	5.5	6.3	5.9	SHAMROCK	4.6	5.9	5.3
A06-47	5.3	6.5	5.9	ZINGER (A05-306)	4.7	5.8	5.3
BAR 8PP 504	5.2	6.6	5.9	THERMAL BLUE	4.5	6.0	5.3
ENDURANCE (PST-K4-7)	5.4	6.4	5.9	PST-K9-90	4.8	5.3	5.1
A05-TB-382	5.1	6.6	5.9	KENBLUE	4.2	5.8	5.0
RAD-1492	5.5	6.3	5.9	PICK TD9	4.6	5.1	4.8
AWARD	5.0	6.7	5.9	3733	3.8	5.7	4.8
A01-1106	5.3	6.4	5.8	A05-329	4.2	5.2	4.7
LUNAR (PST-07-261)	5.4	6.3	5.8	BLACKJACK	4.4	4.8	4.6
BURL 06-11	5.4	6.3	5.8	AKB 2555	4.0	5.0	4.5
EMPIRE	5.3	6.4	5.8				
JACKRABBIT (PST-K10-106D)	5.2	6.4	5.8	LSD VALUE	0.9	0.9	0.9
AVID	5.3	6.3	5.8	C.V. (%)	11.0	9.1	10.0
PST-T10-18	5.1	6.5	5.8				

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

TABLE 5.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2013 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	MD1	IL1	MI1	MN1	IA1	KS1	UT1	WA1	MEAN
PICK 4340	6.3	5.3	6.1	7.5	6.6	6.7	7.4	5.9	7.1	6.6
BLUE NOTE	6.3	5.1	6.1	7.4	6.1	6.4	7.2	4.6	6.5	6.2
SRX 4338	5.7	4.9	6.0	7.4	5.9	6.7	7.0	5.4	6.5	6.2
KEENELAND (A04-342)	5.8	4.8	6.0	7.4	5.7	6.5	6.9	4.9	6.3	6.0
ARROWHEAD	5.7	4.7	5.7	7.1	5.9	6.2	6.8	5.1	6.4	6.0
NU CHICAGO	5.6	4.7	5.8	7.3	5.7	6.5	6.8	5.1	6.3	6.0
PICK 033	5.6	4.7	5.9	7.4	5.6	6.5	6.8	4.8	6.2	5.9
A06-46	5.7	4.8	6.0	7.4	5.5	6.5	6.8	4.3	6.0	5.9
BLUEBANK (A03-1017)	5.7	4.7	5.8	7.2	5.7	6.3	6.8	4.7	6.2	5.9
A05-360	5.5	4.7	6.0	7.5	5.4	6.7	6.7	4.7	6.0	5.9
A00-2882	5.5	4.6	5.8	7.2	5.5	6.4	6.7	4.8	6.1	5.8
SRX 466	5.6	4.6	5.9	7.3	5.4	6.4	6.7	4.5	6.0	5.8
A05-361	5.9	4.7	5.8	7.1	5.7	6.0	6.8	4.2	6.1	5.8
J-1136	5.6	4.6	5.7	7.2	5.5	6.3	6.7	4.7	6.1	5.8
A06-47	5.1	4.5	5.7	7.3	5.3	6.6	6.5	5.2	6.0	5.8
BURL 06-11	5.3	4.5	5.6	7.1	5.5	6.4	6.6	5.1	6.1	5.8
PICK TD8	5.6	4.6	5.6	7.0	5.7	6.1	6.7	4.7	6.2	5.8
SRX 2758	5.6	4.6	5.6	7.0	5.6	6.1	6.7	4.6	6.1	5.8
A01-1106	5.6	4.6	5.6	7.0	5.6	6.1	6.7	4.6	6.1	5.8
LEGEND (A10-1)	5.2	4.5	5.8	7.4	5.1	6.6	6.5	4.7	5.9	5.7
RUSH	5.5	4.5	5.5	6.9	5.7	6.0	6.6	4.8	6.2	5.7
A06-26	5.6	4.5	5.5	6.9	5.7	6.0	6.6	4.8	6.2	5.7
ENDURANCE (PST-K4-7)	5.4	4.5	5.5	7.0	5.5	6.2	6.6	4.8	6.1	5.7
SKYE	5.7	4.6	5.7	7.0	5.6	6.0	6.7	4.2	6.0	5.7
J-1853	5.6	4.6	5.7	7.0	5.5	6.1	6.7	4.3	6.0	5.7
SUDDEN IMPACT	5.4	4.5	5.6	7.1	5.4	6.3	6.6	4.7	6.0	5.7
ARAMINTHA (PP 10847)	5.2	4.4	5.7	7.2	5.2	6.4	6.5	4.7	5.9	5.7
AVID	5.0	4.4	5.7	7.2	5.1	6.6	6.4	5.0	5.9	5.7
MIDNIGHT	5.6	4.6	5.7	7.1	5.4	6.1	6.7	4.1	5.9	5.7
BURL 3-51	4.8	4.3	5.7	7.4	4.9	6.8	6.3	5.1	5.8	5.7
BAR PP 110358	5.8	4.6	5.8	7.1	5.4	6.0	6.7	3.6	5.8	5.7
J-1770	5.5	4.5	5.6	7.0	5.4	6.1	6.6	4.2	5.9	5.7
RUBIX (4S2W)	5.5	4.4	5.5	6.9	5.5	6.0	6.5	4.5	6.0	5.6
SR 2150 (SRX 5321)	5.6	4.5	5.5	6.9	5.5	5.9	6.6	4.2	6.0	5.6
MERLOT (LTP-08-6)	5.2	4.4	5.6	7.1	5.3	6.3	6.5	4.7	5.9	5.6
MAZAMA (A04-74)	5.1	4.4	5.8	7.3	5.0	6.5	6.4	4.5	5.7	5.6
RAD-1492	5.3	4.4	5.3	6.8	5.5	5.9	6.5	4.9	6.1	5.6
BLUE COAT (AKB 2282)	5.5	4.5	5.5	6.9	5.4	6.0	6.6	4.3	5.9	5.6
OASIS (A98-344)	4.8	4.3	5.8	7.4	4.7	6.8	6.3	4.8	5.6	5.6
BOLT (H99-1653)	5.4	4.4	5.7	7.1	5.3	6.2	6.5	4.2	5.8	5.6
A00-4199	5.5	4.4	5.5	6.9	5.4	6.0	6.5	4.2	5.9	5.6
BAR 8PP 504	5.4	4.3	5.4	6.8	5.4	5.9	6.4	4.4	5.9	5.5
A04-38	5.4	4.3	5.3	6.7	5.4	5.8	6.5	4.4	5.9	5.5
EMPIRE	4.7	4.1	5.5	7.1	4.9	6.5	6.2	5.0	5.7	5.5
DAUNTLESS (A05-315)	5.5	4.4	5.5	6.8	5.3	5.8	6.5	4.0	5.8	5.5
PST-K9-97	5.1	4.2	5.2	6.6	5.4	5.8	6.3	4.9	5.9	5.5
JACKRABBIT (PST-K10-106D)	5.5	4.3	5.3	6.7	5.4	5.7	6.5	4.1	5.8	5.5

TABLE 5. (CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	MD1	IL1	MI1	MN1	IA1	KS1	UT1	WA1	MEAN
RAD-507	4.6	4.1	5.4	7.1	4.8	6.5	6.1	5.1	5.7	5.5
CABERNET	5.1	4.3	5.7	7.2	4.8	6.4	6.3	4.0	5.5	5.5
SHAMROCK	5.0	4.2	5.4	6.9	5.0	6.1	6.3	4.3	5.6	5.4
AWARD	5.3	4.2	5.3	6.7	5.2	5.8	6.4	4.2	5.7	5.4
RAD-849	5.3	4.2	5.3	6.7	5.2	5.8	6.3	4.1	5.7	5.4
A98-363	5.0	4.2	5.7	7.1	4.7	6.3	6.3	3.9	5.4	5.4
BAR 12PP 612	5.1	4.1	4.9	6.3	5.5	5.5	6.2	4.9	6.0	5.4
AMERICA	4.9	4.1	5.3	6.8	4.9	6.1	6.2	4.5	5.6	5.4
BARON	4.7	4.0	5.2	6.8	4.9	6.1	6.1	4.8	5.6	5.3
BAR PP 119327	4.7	4.0	5.1	6.7	4.9	6.0	6.1	4.8	5.6	5.3
PICK TD9	4.7	4.0	5.1	6.7	4.9	6.0	6.1	4.7	5.6	5.3
LUNAR (PST-07-261)	5.1	4.1	5.2	6.6	5.1	5.8	6.2	4.1	5.6	5.3
A04-36	5.0	4.1	5.3	6.7	5.0	5.8	6.2	4.1	5.5	5.3
WATERWORKS (A05-204)	4.2	3.8	5.3	7.0	4.4	6.6	5.9	5.0	5.4	5.3
GEISHA (DPPP 818)	4.5	3.9	5.4	7.0	4.5	6.4	6.0	4.6	5.3	5.3
PST-T10-18	5.1	4.1	5.4	6.8	4.8	5.9	6.2	3.6	5.4	5.3
ZEDOR (PPH 9131)	4.3	3.8	5.2	6.9	4.6	6.3	5.9	4.9	5.4	5.3
BAR VV 118532	4.5	3.9	5.5	7.1	4.4	6.4	6.0	4.2	5.2	5.2
PST-K9-99	4.6	3.9	5.2	6.8	4.7	6.1	6.0	4.5	5.4	5.2
BARDUKE	4.5	3.9	5.3	6.9	4.5	6.3	5.9	4.4	5.3	5.2
PST-K9-90	5.3	4.1	5.0	6.3	5.2	5.3	6.2	3.8	5.6	5.2
Barvette HGT (BAR VV 0709)	5.2	4.1	5.5	6.8	4.7	5.8	6.2	3.0	5.2	5.2
PST-K4-3	4.9	4.0	5.2	6.6	4.8	5.7	6.1	3.7	5.3	5.2
A05-999	5.0	4.0	5.1	6.5	4.9	5.6	6.1	3.7	5.4	5.1
PICK MP07	4.7	3.9	5.2	6.7	4.6	5.9	6.0	3.9	5.3	5.1
THERMAL BLUE	4.5	3.8	5.4	6.9	4.3	6.2	5.9	4.0	5.1	5.1
A05-329	4.0	3.7	5.1	6.8	4.2	6.3	5.7	4.8	5.2	5.1
ZINGER (A05-306)	4.8	3.9	5.2	6.7	4.6	5.8	6.0	3.7	5.2	5.1
BAR PP 119326	4.5	3.8	5.3	6.8	4.3	6.1	5.9	3.8	5.1	5.1
BAR VV 112916	4.6	3.8	5.3	6.8	4.3	6.0	5.9	3.7	5.0	5.0
A05-TB-382	4.6	3.8	5.2	6.7	4.4	5.9	5.9	3.6	5.1	5.0
AKB 2555	4.4	3.7	4.9	6.4	4.5	5.7	5.7	4.2	5.2	5.0
BLACKJACK	4.5	3.6	4.6	6.1	4.7	5.3	5.7	4.0	5.2	4.9
3733	3.9	3.3	4.8	6.4	3.8	5.8	5.3	3.6	4.6	4.6
KENBLUE	3.9	3.3	4.9	6.5	3.6	5.8	5.3	3.2	4.4	4.5
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	12.7	15.2	11.9	9.4	12.7	10.6	10.2	14.7	11.4	11.8

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

TABLE 6. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2013 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	VA1	TN1	IN1	WI1	MEAN
BAR PP 110358	7.2	7.0	7.9	6.1	5.6	6.8
BLUE NOTE	7.3	6.3	8.1	6.4	5.6	6.8
A06-46	6.4	6.9	8.2	6.1	5.5	6.6
Barvette HGT (BAR VV 0709)	6.6	7.3	7.6	5.7	5.4	6.5
A05-361	6.8	6.0	7.8	6.0	5.2	6.4
MIDNIGHT	6.4	6.3	7.8	5.9	5.2	6.3
A05-360	5.7	6.6	8.2	5.9	5.3	6.3
SKYE	6.6	6.1	7.7	5.9	5.2	6.3
SRX 466	6.0	6.3	8.0	5.9	5.2	6.3
KEENELAND (A04-342)	6.0	6.0	8.0	6.0	5.2	6.3
PICK 033	5.8	6.1	8.0	5.9	5.2	6.2
CABERNET	5.4	6.8	7.9	5.6	5.2	6.2
BOLT (H99-1653)	6.0	6.2	7.8	5.8	5.1	6.2
J-1770	6.1	6.0	7.7	5.8	5.1	6.1
A98-363	5.3	6.8	7.9	5.5	5.2	6.1
J-1853	6.2	5.9	7.7	5.8	5.0	6.1
BLUEBANK (A03-1017)	6.1	5.7	7.8	5.9	5.0	6.1
DAUNTLESS (A05-315)	6.4	5.9	7.5	5.7	4.9	6.1
PICK 4340	6.2	4.8	8.1	6.3	5.0	6.1
SR 2150 (SRX 5321)	6.4	5.7	7.6	5.8	4.9	6.1
PST-T10-18	5.9	6.4	7.5	5.5	5.0	6.0
J-1136	5.8	5.7	7.8	5.8	5.0	6.0
A00-4199	6.1	5.7	7.6	5.7	4.9	6.0
MAZAMA (A04-74)	5.1	6.3	7.9	5.6	5.0	6.0
SRX 2758	6.0	5.5	7.7	5.8	4.9	6.0
LEGEND (A10-1)	5.0	6.2	8.0	5.6	5.0	6.0
SRX 4338	5.5	5.4	8.0	5.9	5.0	6.0
A00-2882	5.6	5.6	7.8	5.8	4.9	5.9
BLUE COAT (AKB 2282)	6.0	5.6	7.6	5.7	4.9	5.9
A01-1106	5.9	5.3	7.6	5.7	4.8	5.9
NU CHICAGO	5.4	5.4	7.9	5.8	4.9	5.9
SUDDEN IMPACT	5.4	5.6	7.7	5.6	4.8	5.8
PICK TD8	5.9	5.1	7.6	5.7	4.7	5.8
JACKRABBIT (PST-K10-106D)	6.2	5.3	7.3	5.6	4.7	5.8
ARAMINTHA (PP 10847)	5.1	5.8	7.8	5.6	4.9	5.8
RAD-849	5.8	5.5	7.4	5.5	4.7	5.8
ARROWHEAD	5.8	4.8	7.6	5.8	4.7	5.8
RUBIX (4S2W)	5.8	5.2	7.5	5.6	4.7	5.7
OASIS (A98-344)	4.1	6.3	8.0	5.4	4.9	5.7
MERLOT (LTP-08-6)	5.2	5.5	7.7	5.5	4.7	5.7
BAR 8PP 504	5.7	5.2	7.4	5.5	4.6	5.7
PST-K4-3	5.5	5.8	7.3	5.3	4.6	5.7
BAR VV 112916	4.8	6.4	7.5	5.1	4.7	5.7
SHAMROCK	5.1	5.7	7.6	5.4	4.7	5.7
ZINGER (A05-306)	5.2	6.0	7.4	5.2	4.6	5.7
AWARD	5.7	5.2	7.3	5.5	4.6	5.7
BAR VV 118532	4.2	6.4	7.7	5.1	4.8	5.7

TABLE 6. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2013 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	VA1	TN1	IN1	WI1	MEAN
A05-TB-382	4.9	6.2	7.4	5.1	4.7	5.6
A04-38	5.8	5.0	7.3	5.5	4.5	5.6
BAR PP 119326	4.6	6.2	7.5	5.1	4.7	5.6
A06-26	5.7	4.8	7.4	5.6	4.6	5.6
ENDURANCE (PST-K4-7)	5.3	5.0	7.6	5.6	4.6	5.6
A04-36	5.4	5.5	7.4	5.3	4.6	5.6
THERMAL BLUE	4.4	6.3	7.6	5.1	4.7	5.6
AVID	4.5	5.5	7.8	5.4	4.7	5.6
A05-999	5.6	5.4	7.2	5.3	4.5	5.6
RUSH	5.6	4.7	7.5	5.6	4.5	5.6
BURL 06-11	4.9	5.1	7.7	5.5	4.6	5.6
A06-47	4.4	5.3	7.8	5.5	4.7	5.6
PICK MP07	4.9	5.7	7.3	5.1	4.5	5.5
LUNAR (PST-07-261)	5.4	5.2	7.3	5.3	4.5	5.5
BURL 3-51	3.9	5.7	7.9	5.3	4.7	5.5
PST-K9-90	6.1	4.8	7.0	5.3	4.3	5.5
AMERICA	4.7	5.2	7.4	5.2	4.4	5.4
RAD-1492	5.2	4.4	7.3	5.4	4.3	5.3
BARDUKE	4.0	5.6	7.5	5.0	4.4	5.3
GEISHA (DPPP 818)	3.8	5.6	7.6	5.0	4.4	5.3
EMPIRE	3.9	5.2	7.6	5.1	4.4	5.2
KENBLUE	3.8	6.2	7.1	4.5	4.3	5.2
PST-K9-99	4.1	5.0	7.3	5.0	4.2	5.1
RAD-507	3.5	5.0	7.6	5.0	4.3	5.1
BARON	4.1	4.6	7.3	5.0	4.1	5.0
PST-K9-97	4.7	4.0	7.1	5.2	4.0	5.0
PICK TD9	4.2	4.5	7.2	5.0	4.1	5.0
BAR PP 119327	4.1	4.5	7.2	5.0	4.1	5.0
3733	3.5	5.6	7.0	4.5	4.1	4.9
AKB 2555	4.0	4.7	7.0	4.7	4.0	4.9
WATERWORKS (A05-204)	2.9	5.1	7.5	4.8	4.2	4.9
ZEDOR (PPH 9131)	3.3	4.8	7.4	4.8	4.1	4.9
A05-329	2.8	4.9	7.3	4.6	4.0	4.7
BAR 12PP 612	4.8	3.2	6.8	5.0	3.7	4.7
BLACKJACK	4.4	4.0	6.7	4.7	3.7	4.7
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	12.4	11.7	8.6	12.0	13.9	11.4

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

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

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

TABLE 7. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	TN1	MI1	OK1	KS1	MEAN
OASIS (A98-344)	8.4	7.3	6.3	6.5	7.1
J-1136	8.3	7.3	6.0	6.4	7.0
J-1770	8.2	7.2	6.1	6.3	7.0
A06-46	8.1	7.2	6.1	6.3	6.9
SRX 466	8.2	7.1	6.1	6.3	6.9
BLUEBANK (A03-1017)	8.2	7.2	5.9	6.3	6.9
J-1853	8.2	7.2	5.9	6.3	6.9
BURL 3-51	8.2	7.1	5.9	6.2	6.9
BLUE NOTE	8.0	7.1	6.1	6.2	6.9
MIDNIGHT	8.0	7.1	6.0	6.2	6.8
CABERNET	8.1	7.0	6.0	6.2	6.8
KEENELAND (A04-342)	8.0	7.0	6.0	6.2	6.8
MAZAMA (A04-74)	8.1	7.1	5.9	6.2	6.8
SKYE	8.0	7.0	6.0	6.2	6.8
MERLOT (LTP-08-6)	8.1	7.1	5.8	6.2	6.8
BAR PP 110358	7.9	6.9	6.1	6.1	6.8
PICK 033	8.1	7.0	5.8	6.1	6.8
A01-1106	8.1	7.1	5.8	6.1	6.8
NU CHICAGO	8.0	7.0	5.9	6.1	6.8
PICK 4340	8.1	7.0	5.7	6.1	6.7
SUDDEN IMPACT	8.1	7.0	5.7	6.1	6.7
A05-360	7.9	7.0	5.9	6.1	6.7
SRX 4338	7.9	6.9	5.9	6.1	6.7
A98-363	7.9	6.9	6.0	6.1	6.7
ENDURANCE (PST-K4-7)	8.0	7.0	5.7	6.1	6.7
PST-T10-18	7.8	6.8	5.9	6.0	6.6
A05-361	7.9	6.9	5.7	6.0	6.6
LEGEND (A10-1)	7.9	6.9	5.7	6.0	6.6
BAR VV 118532	7.9	6.8	5.8	6.0	6.6
AWARD	7.9	6.9	5.6	6.0	6.6
BURL 06-11	7.9	6.9	5.6	6.0	6.6
EMPIRE	8.0	6.9	5.6	6.0	6.6
WATERWORKS (A05-204)	8.0	6.8	5.6	5.9	6.6
DAUNTLESS (A05-315)	7.9	6.9	5.6	6.0	6.6
RAD-507	8.0	6.8	5.6	5.9	6.6
SRX 2758	7.8	6.8	5.6	5.9	6.6
A00-2882	7.9	6.9	5.6	5.9	6.6
BARVETTE HGT (BAR VV 0709)	7.6	6.6	6.1	5.9	6.5
BLUE COAT (AKB 2282)	7.8	6.8	5.6	5.9	6.5
A06-47	7.8	6.8	5.6	5.9	6.5
LUNAR (PST-07-261)	7.9	6.8	5.5	5.9	6.5
A05-TB-382	7.8	6.7	5.6	5.9	6.5
AMERICA	7.8	6.7	5.6	5.8	6.5
SR 2150 (SRX 5321)	7.6	6.7	5.6	5.8	6.4
BOLT (H99-1653)	7.6	6.6	5.7	5.8	6.4
RUSH	7.7	6.8	5.3	5.8	6.4
ARAMINTHA (PP 10847)	7.5	6.6	5.7	5.8	6.4
A04-38	7.6	6.7	5.5	5.8	6.4
GEISHA (DPPP818)	7.7	6.6	5.5	5.7	6.4

TABLE 7. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	TN1	MI1	OK1	KS1	MEAN
RUBIX (4S2W)	7.6	6.7	5.4	5.8	6.4
A05-329	7.7	6.6	5.5	5.7	6.4
ARROWHEAD	7.7	6.7	5.2	5.7	6.3
BAR 8PP 504	7.6	6.6	5.4	5.7	6.3
PST-K4-3	7.6	6.6	5.4	5.7	6.3
AVID	7.6	6.6	5.3	5.7	6.3
BAR VV 112916	7.5	6.4	5.6	5.7	6.3
ZEDOR (PPH 9131)	7.7	6.6	5.3	5.7	6.3
RAD-849	7.6	6.5	5.3	5.6	6.3
PICK TD8	7.6	6.6	5.2	5.7	6.3
JACKRABBIT (PST-K10-106D)	7.5	6.5	5.3	5.6	6.2
BARDUKE	7.5	6.4	5.4	5.6	6.2
RAD-1492	7.6	6.6	5.1	5.6	6.2
A06-26	7.6	6.6	5.1	5.6	6.2
BAR PP 119326	7.4	6.4	5.5	5.6	6.2
THERMAL BLUE	7.4	6.4	5.5	5.6	6.2
SHAMROCK	7.4	6.4	5.3	5.5	6.2
BARON	7.5	6.4	5.2	5.5	6.2
3733	7.4	6.3	5.4	5.5	6.2
A00-4199	7.4	6.4	5.3	5.5	6.1
ZINGER (A05-306)	7.3	6.3	5.3	5.5	6.1
PICK MP07	7.3	6.3	5.3	5.5	6.1
A04-36	7.4	6.4	5.2	5.5	6.1
PST-K9-97	7.4	6.4	5.0	5.5	6.1
KENBLUE	7.2	6.1	5.5	5.4	6.1
PICK TD9	7.5	6.4	4.9	5.4	6.0
PST-K9-90	7.3	6.4	4.9	5.4	6.0
BAR 12PP 612	7.4	6.4	4.7	5.4	6.0
PST-K9-99	7.3	6.2	5.0	5.3	6.0
A05-999	7.2	6.2	5.1	5.3	6.0
AKB 2555	7.2	6.1	4.9	5.2	5.9
BAR PP 119327	7.1	6.1	4.8	5.2	5.8
* BLACKJACK	6.8	5.8	4.6	4.9	5.5
LSD VALUE	1.1	1.1	1.1	1.1	1.1
C.V. (%)	8.8	10.2	12.3	11.7	10.6

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

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

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

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	MD1	IN1	MN1	MEAN
BLUE NOTE	8.6	5.2	6.4	5.7	6.5
A06-46	8.4	5.2	6.4	5.6	6.4
RUBIX (4S2W)	8.6	4.7	6.1	5.6	6.2
MIDNIGHT	8.0	5.0	6.3	5.5	6.2
J-1770	7.8	5.0	6.3	5.6	6.2
BAR PP 110358	8.1	5.1	6.2	5.2	6.1
BLUEBANK (A03-1017)	7.4	4.9	6.2	5.6	6.0
A05-361	7.8	4.8	6.1	5.4	6.0
J-1136	7.3	4.9	6.2	5.6	6.0
SKYE	7.6	4.9	6.1	5.3	6.0
ARROWHEAD	8.0	4.4	6.0	5.6	6.0
A01-1106	7.6	4.8	6.1	5.5	6.0
BOLT (H99-1653)	8.1	4.8	5.9	5.1	6.0
ENDURANCE (PST-K4-7)	7.6	4.7	6.1	5.6	6.0
KEENELAND (A04-342)	7.5	4.9	6.1	5.3	6.0
RUSH	7.9	4.5	6.0	5.5	6.0
SR 2150 (SRX 5321)	7.9	4.7	5.9	5.2	5.9
A05-360	7.5	4.8	6.0	5.2	5.9
J-1853	7.1	4.8	6.1	5.5	5.9
SRX 2758	7.6	4.7	6.0	5.3	5.9
SRX 4338	7.4	4.8	6.0	5.2	5.9
PST-K9-90	8.2	4.2	5.7	5.3	5.9
DAUNTLESS (A05-315)	7.4	4.6	6.0	5.3	5.8
BARVETTE HGT (BAR VV 0709)	7.7	4.9	5.9	4.7	5.8
PICK 4340	7.1	4.7	6.0	5.4	5.8
BLUE COAT (AKB 2282)	7.4	4.6	5.9	5.2	5.8
A00-2882	7.3	4.6	5.9	5.3	5.8
NU CHICAGO	7.1	4.7	6.0	5.3	5.8
SRX 466	6.9	4.9	6.1	5.2	5.8
A04-38	7.5	4.5	5.8	5.2	5.8
SUDDEN IMPACT	7.0	4.6	6.0	5.4	5.8
PICK 033	7.0	4.7	6.0	5.3	5.7
CABERNET	7.0	4.8	6.0	5.1	5.7
A00-4199	7.7	4.4	5.7	5.0	5.7
PST-T10-18	7.2	4.8	5.9	4.9	5.7
JACKRABBIT (PST-K10-106D)	7.4	4.4	5.7	5.1	5.7
MAZAMA (A04-74)	6.7	4.7	6.0	5.2	5.6
A04-36	7.6	4.3	5.6	5.0	5.6
AWARD	6.9	4.5	5.9	5.2	5.6
PICK TD8	7.2	4.3	5.7	5.2	5.6
ARAMINTHA (PP 10847)	7.2	4.6	5.7	4.8	5.6
A06-26	7.2	4.2	5.6	5.2	5.6
A05-999	7.6	4.2	5.5	4.8	5.5
PST-K4-3	7.1	4.4	5.7	4.9	5.5
MERLOT (LTP-08-6)	6.3	4.6	5.9	5.2	5.5
LEGEND (A10-1)	6.5	4.5	5.8	5.1	5.5
BURL 06-11	6.5	4.5	5.8	5.1	5.5
ZINGER (A05-306)	7.2	4.3	5.5	4.7	5.4

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	MD1	IN1	MN1	MEAN
A06-47	6.5	4.4	5.7	4.9	5.4
A98-363	6.4	4.7	5.8	4.7	5.4
SHAMROCK	7.0	4.2	5.5	4.8	5.4
LUNAR (PST-07-261)	6.3	4.3	5.7	5.0	5.3
AVID	6.5	4.2	5.6	4.9	5.3
BAR 8PP 504	6.6	4.3	5.5	4.7	5.3
RAD-849	6.6	4.2	5.5	4.8	5.3
BAR VV 112916	6.7	4.4	5.5	4.5	5.3
BURL 3-51	5.7	4.5	5.8	4.9	5.2
RAD-1492	6.3	4.0	5.5	4.9	5.2
PST-K9-97	6.4	4.0	5.4	4.8	5.2
PICK MP07	6.6	4.2	5.4	4.5	5.1
BARON	6.3	4.1	5.4	4.7	5.1
BAR PP 119326	6.4	4.3	5.4	4.4	5.1
THERMAL BLUE	6.4	4.3	5.4	4.4	5.1
OASIS (A98-344)	5.1	4.7	5.8	4.8	5.1
PICK TD9	6.3	3.8	5.3	4.9	5.1
A05-TB-382	5.9	4.3	5.5	4.7	5.1
EMPIRE	5.7	4.3	5.6	4.8	5.1
BAR 12PP 612	6.2	3.7	5.3	4.9	5.0
AMERICA	5.7	4.2	5.5	4.6	5.0
BAR PP 119327	6.5	3.8	5.2	4.5	5.0
BARDUKE	6.0	4.2	5.3	4.4	5.0
BAR VV 118532	5.4	4.3	5.5	4.5	4.9
AKB 2555	6.2	3.8	5.1	4.4	4.9
GEISHA (DPPP818)	5.6	4.2	5.4	4.4	4.9
PST-K9-99	6.0	3.9	5.2	4.4	4.9
RAD-507	5.2	4.1	5.4	4.6	4.8
ZEDOR (PPH 9131)	5.3	4.0	5.3	4.5	4.8
3733	5.5	4.0	5.1	4.2	4.7
BLACKJACK	6.0	3.5	4.8	4.1	4.6
A05-329	4.6	4.0	5.1	4.1	4.5
KENBLUE	5.2	4.1	4.9	3.6	4.4
WATERWORKS (A05-204)	4.0	4.0	5.2	4.2	4.4
LSD VALUE	1.1	1.1	1.1	1.1	1.1
C.V. (%)	10.0	15.3	12.0	13.8	12.4

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

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

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

TABLE 9. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	IA1	WA1	MEAN
J-1136	6.4	7.3	6.0	6.6
BLUEBANK (A03-1017)	6.4	7.3	6.0	6.6
J-1770	6.4	7.2	6.0	6.5
J-1853	6.3	7.2	5.9	6.5
ENDURANCE (PST-K4-7)	6.2	7.1	5.9	6.4
A06-46	6.3	7.0	5.9	6.4
SUDDEN IMPACT	6.2	7.1	5.8	6.4
BLUE NOTE	6.3	6.9	5.9	6.4
PICK 4340	6.2	7.1	5.8	6.4
A01-1106	6.2	7.0	5.8	6.4
MIDNIGHT	6.2	6.9	5.8	6.3
ARROWHEAD	6.0	7.0	5.9	6.3
MERLOT (LTP-08-6)	6.1	7.1	5.7	6.3
PICK 033	6.1	7.0	5.7	6.3
MAZAMA (A04-74)	6.1	7.0	5.7	6.3
RUSH	6.0	6.9	5.8	6.3
NU CHICAGO	6.1	7.0	5.7	6.2
SRX 466	6.1	6.9	5.6	6.2
BURL 3-51	6.1	7.1	5.5	6.2
OASIS (A98-344)	6.1	7.1	5.4	6.2
KEENELAND (A04-342)	6.1	6.9	5.6	6.2
A05-361	6.1	6.9	5.7	6.2
AWARD	6.0	7.0	5.6	6.2
A00-2882	6.0	6.9	5.7	6.2
SKYE	6.1	6.8	5.6	6.2
SRX 2758	6.0	6.8	5.7	6.2
CABERNET	6.1	6.9	5.5	6.2
RUBIX (4S2W)	6.0	6.7	5.7	6.2
DAUNTLESS (A05-315)	6.0	6.8	5.6	6.2
SRX 4338	6.0	6.8	5.6	6.2
A05-360	6.0	6.8	5.6	6.1
LEGEND (A10-1)	6.0	6.9	5.5	6.1
BURL 06-11	5.9	6.9	5.5	6.1
BLUE COAT (AKB 2282)	5.9	6.8	5.6	6.1
EMPIRE	5.9	6.9	5.4	6.1
LUNAR (PST-07-261)	5.9	6.8	5.5	6.1
PICK TD8	5.8	6.8	5.6	6.1
BAR PP 110358	6.0	6.6	5.5	6.0
A06-26	5.8	6.7	5.5	6.0
A06-47	5.8	6.7	5.4	6.0
A04-38	5.8	6.6	5.5	6.0
RAD-507	5.8	6.9	5.3	6.0
PST-K9-90	5.7	6.6	5.6	5.9
SR 2150 (SRX 5321)	5.8	6.5	5.4	5.9
RAD-1492	5.7	6.7	5.4	5.9
BAR 12PP 612	5.6	6.7	5.4	5.9
AVID	5.7	6.7	5.3	5.9
JACKRABBIT (PST-K10-106D)	5.7	6.6	5.4	5.9

TABLE 9. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	IA1	WA1	MEAN
PICK TD9	5.6	6.7	5.3	5.9
PST-T10-18	5.8	6.5	5.2	5.8
AMERICA	5.7	6.6	5.2	5.8
A05-TB-382	5.7	6.6	5.2	5.8
A98-363	5.8	6.5	5.2	5.8
PST-K4-3	5.7	6.5	5.3	5.8
BOLT (H99-1653)	5.8	6.3	5.3	5.8
RAD-849	5.6	6.5	5.2	5.8
PST-K9-97	5.6	6.6	5.3	5.8
WATERWORKS (A05-204)	5.6	6.8	5.0	5.8
BAR VV 118532	5.7	6.6	5.0	5.8
A00-4199	5.6	6.4	5.3	5.8
A04-36	5.6	6.4	5.3	5.8
BAR 8PP 504	5.6	6.5	5.2	5.7
ZEDOR (PPH 9131)	5.5	6.6	5.1	5.7
SHAMROCK	5.6	6.4	5.2	5.7
BARON	5.5	6.4	5.1	5.7
ARAMINTHA (PP 10847)	5.6	6.3	5.1	5.7
GEISHA (DPPP818)	5.5	6.4	4.9	5.6
A05-999	5.4	6.2	5.1	5.6
BARVETTE HGT (BAR VV 0709)	5.7	6.1	5.0	5.6
A05-329	5.4	6.4	4.8	5.5
ZINGER (A05-306)	5.4	6.2	5.0	5.5
BARDUKE	5.4	6.3	4.9	5.5
BAR VV 112916	5.4	6.1	4.8	5.5
PICK MP07	5.4	6.1	4.9	5.5
BAR PP 119327	5.3	6.2	4.9	5.4
PST-K9-99	5.3	6.2	4.8	5.4
BAR PP 119326	5.4	6.1	4.8	5.4
THERMAL BLUE	5.4	6.1	4.8	5.4
AKB 2555	5.2	6.1	4.8	5.4
3733	5.3	6.1	4.7	5.3
BLACKJACK	4.9	5.8	4.5	5.1
KENBLUE	4.9	5.5	4.0	4.8
LSD VALUE	1.1	1.1	1.1	1.1
C.V. (%)	11.8	10.3	12.7	11.5

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

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

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

TABLE 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	UT1	MEAN
ARROWHEAD	6.2	7.1	6.6
BLUEBANK (A03-1017)	6.0	7.0	6.5
ENDURANCE (PST-K4-7)	6.0	7.0	6.5
RUSH	6.0	6.9	6.5
J-1136	5.9	7.0	6.4
J-1770	5.9	6.8	6.4
RUBIX (4S2W)	6.0	6.6	6.3
J-1853	5.8	6.9	6.3
SUDDEN IMPACT	5.7	6.9	6.3
PST-K9-90	5.9	6.6	6.3
PICK 4340	5.7	6.8	6.3
A01-1106	5.8	6.7	6.3
BLUE NOTE	5.9	6.6	6.2
A06-46	5.9	6.6	6.2
A00-2882	5.7	6.7	6.2
PICK TD8	5.6	6.7	6.2
A06-26	5.6	6.6	6.1
A05-361	5.7	6.6	6.1
SRX 2758	5.7	6.6	6.1
BAR 12PP 612	5.5	6.8	6.1
MIDNIGHT	5.7	6.5	6.1
AWARD	5.5	6.6	6.1
PICK 033	5.5	6.6	6.1
DAUNTLESS (A05-315)	5.6	6.5	6.1
MERLOT (LTP-08-6)	5.4	6.7	6.0
NU CHICAGO	5.5	6.5	6.0
MAZAMA (A04-74)	5.4	6.6	6.0
PICK TD9	5.4	6.6	6.0
BLUE COAT (AKB 2282)	5.5	6.4	6.0
KEENELAND (A04-342)	5.5	6.4	5.9
SKYE	5.5	6.3	5.9
A04-38	5.5	6.4	5.9
SRX 4338	5.5	6.4	5.9
LEGEND (A10-1)	5.3	6.5	5.9
BURL 06-11	5.3	6.5	5.9
JACKRABBIT (PST-K10-106D)	5.5	6.3	5.9
RAD-1492	5.3	6.5	5.9
A05-360	5.4	6.3	5.9
LUNAR (PST-07-261)	5.3	6.5	5.9
SRX 466	5.3	6.4	5.8
PST-K9-97	5.2	6.4	5.8
CABERNET	5.3	6.3	5.8
BURL 3-51	5.1	6.5	5.8
SR 2150 (SRX 5321)	5.4	6.1	5.8
AVID	5.2	6.3	5.8
A04-36	5.4	6.2	5.8
EMPIRE	5.1	6.5	5.8
A00-4199	5.4	6.1	5.7

TABLE 10. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	UT1	MEAN
A06-47	5.2	6.3	5.7
BAR PP 110358	5.4	6.0	5.7
PST-K4-3	5.2	6.1	5.6
RAD-849	5.1	6.2	5.6
SHAMROCK	5.1	6.0	5.6
RAD-507	4.8	6.3	5.6
BOLT (H99-1653)	5.3	5.8	5.6
A05-999	5.2	5.9	5.6
OASIS (A98-344)	4.8	6.3	5.5
BAR 8PP 504	5.0	6.0	5.5
BARON	4.9	6.0	5.5
AMERICA	4.8	6.1	5.5
A05-TB-382	4.8	6.0	5.4
ZEDOR (PPH 9131)	4.7	6.1	5.4
BAR PP 119327	4.9	5.9	5.4
PST-T10-18	5.0	5.8	5.4
ZINGER (A05-306)	4.9	5.7	5.3
ARAMINTHA (PP 10847)	4.9	5.6	5.3
A98-363	4.7	5.8	5.3
AKB 2555	4.7	5.7	5.2
PST-K9-99	4.6	5.7	5.2
BAR VV 118532	4.5	5.8	5.2
WATERWORKS (A05-204)	4.3	6.0	5.2
PICK MP07	4.7	5.6	5.1
GEISHA (DPPP818)	4.5	5.7	5.1
BARDUKE	4.5	5.6	5.1
BARVETTE HGT (BAR VV 0709)	4.7	5.2	5.0
BAR VV 112916	4.5	5.4	4.9
BAR PP 119326	4.5	5.4	4.9
A05-329	4.2	5.6	4.9
THERMAL BLUE	4.5	5.4	4.9
BLACKJACK	4.4	5.4	4.9
3733	4.2	5.4	4.8
KENBLUE	3.4	4.4	3.9
LSD VALUE	1.1	1.1	1.1
C.V. (%)	13.1	11.0	11.9

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

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

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

TABLE 11. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 5 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA1	WI1	MEAN
BARVETTE HGT (BAR VV 0709)	7.4	4.7	6.1
BAR PP 110358	7.0	4.6	5.8
A06-46	6.6	4.5	5.6
BLUE NOTE	6.6	4.6	5.6
PST-T10-18	6.8	4.2	5.5
BOLT (H99-1653)	6.5	4.3	5.4
MIDNIGHT	6.5	4.3	5.4
A98-363	6.8	4.0	5.4
SKYE	6.5	4.2	5.3
SRX 466	6.6	4.0	5.3
KEENELAND (A04-342)	6.4	4.1	5.3
KENBLUE	6.9	3.6	5.2
ARAMINTHA (PP 10847)	6.4	4.0	5.2
A05-360	6.4	4.1	5.2
CABERNET	6.4	4.0	5.2
J-1770	6.2	4.1	5.2
BAR VV 112916	6.5	3.8	5.1
SRX 4338	6.2	4.0	5.1
OASIS (A98-344)	6.6	3.6	5.1
SR 2150 (SRX 5321)	6.1	4.0	5.1
J-1136	6.0	3.8	4.9
A05-361	5.9	3.9	4.9
NU CHICAGO	6.0	3.8	4.9
THERMAL BLUE	6.2	3.6	4.9
BAR PP 119326	6.2	3.6	4.9
A01-1106	5.9	3.8	4.9
J-1853	6.0	3.8	4.9
MAZAMA (A04-74)	6.0	3.6	4.8
PICK 033	6.0	3.7	4.8
BAR VV 118532	6.2	3.3	4.8
BLUEBANK (A03-1017)	5.8	3.8	4.8
BLUE COAT (AKB 2282)	5.8	3.7	4.8
DAUNTLESS (A05-315)	5.8	3.7	4.7
ZINGER (A05-306)	5.9	3.6	4.7
SRX 2758	5.7	3.7	4.7
RUBIX (4S2W)	5.5	3.9	4.7
BURL 3-51	6.0	3.3	4.7
PICK 4340	5.7	3.6	4.6
A04-38	5.6	3.6	4.6
GEISHA (DPPP818)	6.0	3.2	4.6
PST-K4-3	5.7	3.5	4.6
PICK MP07	5.8	3.4	4.6
A06-47	5.8	3.4	4.6
BARDUKE	5.9	3.3	4.6
A05-TB-382	5.9	3.3	4.6
MERLOT (LTP-08-6)	5.7	3.4	4.6
BAR 8PP 504	5.7	3.4	4.6
ENDURANCE (PST-K4-7)	5.5	3.6	4.5

TABLE 11. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 5 */
 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA1	WI1	MEAN
SUDDEN IMPACT	5.6	3.5	4.5
A00-4199	5.5	3.6	4.5
LEGEND (A10-1)	5.7	3.4	4.5
A00-2882	5.5	3.5	4.5
3733	5.9	3.1	4.5
BURL 06-11	5.6	3.4	4.5
AWARD	5.6	3.4	4.5
AMERICA	5.7	3.1	4.4
JACKRABBIT (PST-K10-106D)	5.3	3.4	4.4
A04-36	5.3	3.4	4.4
SHAMROCK	5.4	3.3	4.4
A05-999	5.3	3.4	4.4
A05-329	5.8	2.8	4.3
RAD-849	5.4	3.2	4.3
LUNAR (PST-07-261)	5.5	3.2	4.3
EMPIRE	5.5	3.0	4.2
RUSH	5.0	3.4	4.2
AVID	5.3	3.1	4.2
BARON	5.3	3.0	4.2
RAD-507	5.5	2.8	4.2
WATERWORKS (A05-204)	5.6	2.6	4.1
PST-K9-99	5.2	2.9	4.0
ARROWHEAD	4.8	3.3	4.0
PICK TD8	4.9	3.1	4.0
AKB 2555	5.1	2.9	4.0
ZEDOR (PPH 9131)	5.2	2.7	4.0
A06-26	4.8	3.0	3.9
PST-K9-90	4.6	3.2	3.9
RAD-1492	4.8	2.8	3.8
BAR PP 119327	4.8	2.8	3.8
PST-K9-97	4.7	2.7	3.7
BLACKJACK	4.7	2.5	3.6
PICK TD9	4.3	2.5	3.4
BAR 12PP 612	4.0	2.2	3.1
LSD VALUE	1.1	1.1	1.1
C.V. (%)	11.9	19.5	14.7

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

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

TABLE 12.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA1	OK1	MEAN	NAME	VA1	OK1	MEAN
BARVETTE HGT (BAR VV 0709)	8.1	5.3	6.7	RAD-849	5.2	3.8	4.5
SRX 466	7.3	5.2	6.2	SUDDEN IMPACT	4.8	4.0	4.4
OASIS (A98-344)	6.7	4.6	5.7	AMERICA	5.0	3.8	4.4
A05-360	6.5	4.8	5.6	BLUE COAT (AKB 2282)	4.8	3.9	4.4
PST-T10-18	6.6	4.6	5.6	EMPIRE	4.9	3.8	4.4
CABERNET	6.6	4.7	5.6	AWARD	4.7	3.9	4.3
KENBLUE	6.9	4.1	5.5	KEENELAND (A04-342)	4.7	3.8	4.3
PICK 033	6.4	4.6	5.5	A06-47	4.8	3.8	4.3
A98-363	6.5	4.4	5.5	BARDUKE	5.0	3.6	4.3
J-1853	6.2	4.6	5.4	PICK MP07	5.0	3.5	4.3
BLUE NOTE	6.1	4.7	5.4	A00-4199	4.7	3.7	4.2
A05-TB-382	6.4	4.3	5.4	PICK 4340	4.6	3.9	4.2
THERMAL BLUE	6.3	4.3	5.3	PICK TD8	4.7	3.7	4.2
A06-46	5.9	4.7	5.3	BARON	4.7	3.6	4.2
SKYE	5.9	4.5	5.2	LUNAR (PST-07-261)	4.7	3.5	4.1
BOLT (H99-1653)	6.0	4.4	5.2	PST-K4-3	4.5	3.6	4.1
MERLOT (LTP-08-6)	6.0	4.3	5.2	BAR 8PP 504	4.6	3.6	4.1
BAR VV 118532	6.1	4.1	5.1	BURL 06-11	4.5	3.6	4.1
BAR PP 119326	6.0	4.1	5.0	A05-999	4.5	3.5	4.0
ZINGER (A05-306)	6.0	4.1	5.0	A00-2882	4.3	3.6	4.0
BAR VV 112916	6.0	4.1	5.0	A01-1106	4.3	3.6	4.0
A05-361	5.7	4.3	5.0	JACKRABBIT (PST-K10-106D)	4.3	3.4	3.9
BAR PP 110358	5.5	4.4	5.0	A05-329	4.5	3.3	3.9
BLUEBANK (A03-1017)	5.4	4.4	4.9	SRX 4338	4.1	3.5	3.8
LEGEND (A10-1)	5.5	4.2	4.8	ARROWHEAD	4.0	3.6	3.8
BURL 3-51	5.5	4.2	4.8	PST-K9-90	4.1	3.5	3.8
WATERWORKS (A05-204)	5.7	3.9	4.8	AVID	4.2	3.3	3.8
RAD-507	5.5	4.0	4.8	RAD-1492	4.2	3.3	3.7
J-1770	5.2	4.3	4.7	A06-26	4.0	3.4	3.7
MAZAMA (A04-74)	5.3	4.2	4.7	ZEDOR (PPH 9131)	4.1	3.2	3.6
SHAMROCK	5.4	3.9	4.7	RUBIX (4S2W)	3.9	3.4	3.6
J-1136	5.2	4.2	4.7	BAR PP 119327	4.0	3.1	3.6
DAUNTLESS (A05-315)	5.3	4.0	4.6	AKB 2555	3.8	3.1	3.5
SR 2150 (SRX 5321)	5.2	4.0	4.6	BLACKJACK	4.0	2.9	3.5
ARAMINTHA (PP 10847)	5.2	3.9	4.6	RUSH	3.6	3.3	3.4
GEISHA (DPPP818)	5.3	3.8	4.6	PST-K9-99	3.9	3.0	3.4
A04-36	5.2	3.9	4.6	PST-K9-97	3.6	3.2	3.4
A04-38	5.1	4.0	4.5	PICK TD9	3.5	2.9	3.2
MIDNIGHT	5.0	4.1	4.5	BAR 12PP 612	3.2	2.8	3.0
SRX 2758	5.0	4.0	4.5				
ENDURANCE (PST-K4-7)	4.9	4.1	4.5	LSD VALUE	1.2	1.2	1.2
3733	5.2	3.8	4.5	C.V. (%)	14.3	18.8	16.2
NU CHICAGO	4.9	4.0	4.5				

- ** ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF
- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IN1	WI1	MEAN	NAME	IN1	WI1	MEAN
SRX 466	6.1	5.8	6.0	SHAMROCK	5.1	4.8	5.0
BARVETTE HGT (BAR VV 0709)	6.0	5.7	5.9	A06-47	5.1	4.8	4.9
A05-360	5.9	5.6	5.8	ARROWHEAD	5.1	4.8	4.9
BLUE NOTE	5.9	5.6	5.8	A04-36	5.1	4.8	4.9
A06-46	5.9	5.6	5.8	A01-1106	5.1	4.8	4.9
J-1853	5.8	5.5	5.7	A00-4199	5.1	4.8	4.9
BLUEBANK (A03-1017)	5.7	5.5	5.6	PICK TD8	5.0	4.7	4.9
CABERNET	5.7	5.4	5.6	AMERICA	5.0	4.7	4.9
PST-T10-18	5.7	5.4	5.5	RAD-849	5.0	4.7	4.9
BAR PP 110358	5.7	5.4	5.5	WATERWORKS (A05-204)	5.0	4.7	4.9
SKYE	5.6	5.4	5.5	A00-2882	5.0	4.7	4.8
PICK 033	5.6	5.3	5.5	BURL 06-11	5.0	4.7	4.8
OASIS (A98-344)	5.6	5.3	5.5	3733	5.0	4.7	4.8
J-1770	5.6	5.3	5.5	GEISHA (DPPP818)	5.0	4.7	4.8
J-1136	5.5	5.2	5.4	PST-K4-3	4.9	4.7	4.8
MIDNIGHT	5.5	5.2	5.4	SRX 4338	4.9	4.6	4.8
BOLT (H99-1653)	5.5	5.2	5.3	PST-K9-90	4.9	4.6	4.8
A05-361	5.5	5.2	5.3	KENBLUE	4.9	4.6	4.8
MERLOT (LTP-08-6)	5.5	5.2	5.3	RUSH	4.9	4.6	4.8
MAZAMA (A04-74)	5.4	5.2	5.3	BAR 8PP 504	4.9	4.6	4.7
ENDURANCE (PST-K4-7)	5.4	5.2	5.3	RUBIX (4S2W)	4.9	4.6	4.7
A98-363	5.4	5.1	5.3	BARON	4.8	4.5	4.7
SRX 2758	5.4	5.1	5.2	A06-26	4.8	4.5	4.7
NU CHICAGO	5.4	5.1	5.2	JACKRABBIT (PST-K10-106D)	4.8	4.5	4.7
BURL 3-51	5.4	5.1	5.2	A05-999	4.8	4.5	4.6
SUDDEN IMPACT	5.4	5.1	5.2	BARDUKE	4.8	4.5	4.6
LEGEND (A10-1)	5.4	5.1	5.2	LUNAR (PST-07-261)	4.8	4.5	4.6
A05-TB-382	5.3	5.0	5.2	AVID	4.7	4.4	4.6
AWARD	5.3	5.0	5.2	RAD-1492	4.7	4.4	4.5
SR 2150 (SRX 5321)	5.3	5.0	5.1	PST-K9-97	4.7	4.4	4.5
PICK 4340	5.3	5.0	5.1	PICK MP07	4.6	4.3	4.5
THERMAL BLUE	5.3	5.0	5.1	A05-329	4.6	4.3	4.4
BLUE COAT (AKB 2282)	5.3	5.0	5.1	AKB 2555	4.5	4.2	4.4
A04-38	5.2	4.9	5.1	BAR PP 119327	4.5	4.2	4.4
DAUNTLESS (A05-315)	5.2	4.9	5.1	ZEDOR (PPH 9131)	4.5	4.2	4.4
RAD-507	5.2	4.9	5.1	PST-K9-99	4.4	4.1	4.3
KEENELAND (A04-342)	5.2	4.9	5.1	BAR 12PP 612	4.4	4.1	4.2
ARAMINTHA (PP 10847)	5.2	4.9	5.0	PICK TD9	4.3	4.0	4.2
EMPIRE	5.2	4.9	5.0	BLACKJACK	4.2	3.9	4.0
BAR VV 118532	5.2	4.9	5.0				
BAR PP 119326	5.1	4.9	5.0	LSD VALUE	1.2	1.2	1.2
BAR VV 112916	5.1	4.9	5.0	C.V. (%)	14.2	15.0	14.6
ZINGER (A05-306)	5.1	4.8	5.0				

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

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

TABLE 14.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2015 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	IL1	MI1	TN1	IA1	MN1	NJ2	MD1	WA1	MEAN
A06-46	7.7	6.2	6.9	8.4	7.2	5.9	6.0	6.0	6.2	6.9
BLUE NOTE	7.7	6.1	6.9	8.3	7.2	5.8	5.9	5.9	6.1	6.8
BLUEBANK (A03-1017)	7.6	6.1	6.8	8.3	7.2	5.9	6.0	6.0	6.2	6.8
J-1770	7.5	6.0	6.8	8.2	7.1	5.9	6.0	6.0	6.2	6.8
A05-360	7.6	6.0	6.7	8.2	7.0	5.6	5.7	5.7	5.9	6.7
MIDNIGHT	7.4	5.9	6.7	8.1	7.0	5.8	5.9	5.9	6.1	6.7
BAR PP 110358	7.4	5.9	6.7	8.1	7.0	5.7	5.8	5.8	6.0	6.7
J-1853	7.5	6.0	6.7	8.1	7.0	5.6	5.7	5.7	5.9	6.6
SRX 466	7.6	6.1	6.7	8.2	7.0	5.5	5.5	5.5	5.7	6.6
ENDURANCE (PST-K4-7)	7.4	5.8	6.6	8.1	6.9	5.7	5.8	5.8	6.1	6.6
J-1136	7.4	5.8	6.6	8.1	6.9	5.7	5.8	5.8	6.0	6.6
SUDDEN IMPACT	7.3	5.8	6.5	8.0	6.9	5.7	5.8	5.8	6.0	6.6
NU CHICAGO	7.3	5.8	6.5	8.0	6.9	5.6	5.7	5.7	6.0	6.5
SRX 2758	7.3	5.8	6.5	8.0	6.8	5.6	5.7	5.7	5.9	6.5
SKYE	7.3	5.8	6.5	8.0	6.8	5.5	5.6	5.6	5.8	6.5
PICK 4340	7.2	5.7	6.5	8.0	6.8	5.6	5.7	5.7	6.0	6.5
AWARD	7.2	5.7	6.5	8.0	6.8	5.6	5.7	5.7	6.0	6.5
MAZAMA (A04-74)	7.3	5.8	6.5	8.0	6.8	5.5	5.6	5.6	5.9	6.5
ARROWHEAD	7.1	5.6	6.4	7.9	6.8	5.6	5.7	5.7	6.0	6.5
CABERNET	7.3	5.8	6.4	7.9	6.7	5.3	5.4	5.4	5.6	6.4
BLUE COAT (AKB 2282)	7.1	5.6	6.4	7.9	6.7	5.5	5.6	5.6	5.8	6.4
A05-361	7.2	5.7	6.4	7.9	6.7	5.4	5.5	5.4	5.7	6.4
KEENELAND (A04-342)	7.1	5.6	6.4	7.8	6.7	5.5	5.6	5.6	5.8	6.4
RUSH	7.0	5.5	6.3	7.8	6.7	5.6	5.7	5.7	6.0	6.4
A01-1106	7.0	5.5	6.3	7.8	6.6	5.5	5.6	5.6	5.8	6.3
PICK 033	7.2	5.7	6.4	7.8	6.6	5.2	5.3	5.3	5.5	6.3
BURL 3-51	7.1	5.6	6.3	7.8	6.6	5.3	5.4	5.4	5.6	6.3
SR 2150 (SRX 5321)	7.1	5.6	6.3	7.8	6.6	5.3	5.4	5.4	5.7	6.3
LEGEND (A10-1)	7.1	5.6	6.3	7.8	6.6	5.3	5.4	5.4	5.6	6.3
PST-T10-18	7.2	5.7	6.3	7.8	6.6	5.1	5.2	5.2	5.4	6.3
BOLT (H99-1653)	7.1	5.6	6.3	7.8	6.6	5.2	5.3	5.3	5.5	6.3
MERLOT (LTP-08-6)	7.1	5.6	6.3	7.7	6.6	5.2	5.3	5.3	5.5	6.3
A04-38	7.0	5.5	6.3	7.7	6.6	5.3	5.4	5.4	5.6	6.3
EMPIRE	7.0	5.5	6.2	7.7	6.6	5.3	5.4	5.4	5.6	6.2
BARVETTE HGT (BAR VV 0709)	7.3	5.8	6.4	7.8	6.6	5.0	5.0	5.0	5.2	6.2
OASIS (A98-344)	7.1	5.6	6.3	7.7	6.6	5.1	5.2	5.2	5.4	6.2
PST-K9-90	6.9	5.4	6.2	7.7	6.5	5.4	5.5	5.5	5.7	6.2
SRX 4338	6.9	5.4	6.2	7.7	6.5	5.3	5.5	5.5	5.7	6.2
A00-2882	6.9	5.4	6.2	7.7	6.5	5.3	5.4	5.4	5.7	6.2
RUBIX (4S2W)	6.9	5.4	6.2	7.6	6.5	5.4	5.5	5.5	5.7	6.2
DAUNTLESS (A05-315)	7.0	5.5	6.2	7.7	6.5	5.2	5.3	5.3	5.5	6.2
A06-47	6.9	5.4	6.2	7.6	6.5	5.2	5.3	5.3	5.6	6.2
A00-4199	6.9	5.4	6.1	7.6	6.5	5.2	5.3	5.3	5.5	6.1
ARAMINTHA (PP 10847)	6.9	5.4	6.2	7.6	6.5	5.2	5.2	5.2	5.5	6.1
PICK TD8	6.9	5.4	6.1	7.6	6.5	5.2	5.3	5.3	5.5	6.1

TABLE 14. (CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	IL1	MI1	TN1	IA1	MN1	NJ2	MD1	WA1	MEAN
BURL 06-11	6.9	5.4	6.1	7.6	6.5	5.2	5.3	5.3	5.6	6.1
A06-26	6.8	5.3	6.1	7.6	6.4	5.3	5.4	5.4	5.6	6.1
RAD-507	6.9	5.4	6.1	7.6	6.4	5.1	5.1	5.1	5.4	6.1
PST-K4-3	6.8	5.3	6.1	7.5	6.4	5.2	5.3	5.3	5.5	6.1
PST-K9-97	6.7	5.2	6.0	7.5	6.4	5.3	5.4	5.4	5.6	6.1
AMERICA	6.8	5.3	6.0	7.5	6.3	5.0	5.1	5.1	5.3	6.0
BAR 8PP 504	6.8	5.2	6.0	7.5	6.3	5.1	5.2	5.2	5.4	6.0
A04-36	6.8	5.3	6.0	7.5	6.3	5.0	5.1	5.0	5.3	6.0
A98-363	6.9	5.4	6.0	7.5	6.3	4.8	4.9	4.9	5.1	6.0
JACKRABBIT (PST-K10-106D)	6.7	5.2	6.0	7.4	6.3	5.1	5.2	5.2	5.4	6.0
SHAMROCK	6.8	5.3	6.0	7.4	6.3	4.9	5.0	5.0	5.2	6.0
RAD-849	6.8	5.3	6.0	7.4	6.3	5.0	5.0	5.0	5.3	6.0
A05-TB-382	6.8	5.3	6.0	7.4	6.2	4.8	4.8	4.8	5.0	5.9
AVID	6.6	5.1	5.9	7.3	6.2	5.0	5.1	5.1	5.3	5.9
A05-999	6.6	5.1	5.9	7.3	6.2	4.9	5.0	5.0	5.3	5.9
BARON	6.6	5.1	5.9	7.3	6.2	4.9	5.0	5.0	5.2	5.9
RAD-1492	6.6	5.1	5.8	7.3	6.2	4.9	5.1	5.1	5.3	5.9
THERMAL BLUE	6.8	5.3	5.9	7.4	6.2	4.7	4.8	4.8	5.0	5.9
3733	6.7	5.2	5.9	7.3	6.2	4.8	4.9	4.9	5.1	5.9
BAR VV 112916	6.7	5.2	5.9	7.3	6.1	4.7	4.8	4.8	5.0	5.8
BAR PP 119326	6.7	5.2	5.9	7.3	6.1	4.7	4.8	4.8	5.0	5.8
BAR VV 118532	6.7	5.2	5.9	7.3	6.1	4.7	4.8	4.8	5.0	5.8
GEISHA (DPPP818)	6.6	5.1	5.8	7.3	6.1	4.8	4.8	4.8	5.0	5.8
ZINGER (A05-306)	6.7	5.2	5.8	7.3	6.1	4.7	4.7	4.7	4.9	5.8
AKB 2555	6.5	5.0	5.8	7.2	6.1	4.9	5.0	5.0	5.2	5.8
BAR 12PP 612	6.4	4.9	5.7	7.2	6.1	5.0	5.1	5.1	5.3	5.8
LUNAR (PST-07-261)	6.5	5.0	5.8	7.2	6.1	4.8	4.9	4.9	5.1	5.8
WATERWORKS (A05-204)	6.6	5.1	5.8	7.2	6.1	4.7	4.7	4.7	4.9	5.7
BAR PP 119327	6.4	4.9	5.7	7.2	6.0	4.8	4.9	4.9	5.1	5.7
BARDUKE	6.5	5.0	5.7	7.2	6.0	4.7	4.8	4.8	5.0	5.7
ZEDOR (PPH 9131)	6.4	4.9	5.7	7.1	6.0	4.8	4.9	4.9	5.1	5.7
PST-K9-99	6.3	4.8	5.6	7.1	5.9	4.7	4.8	4.8	5.1	5.6
PICK TD9	6.3	4.8	5.6	7.0	5.9	4.7	4.8	4.8	5.1	5.6
A05-329	6.4	4.8	5.6	7.0	5.9	4.6	4.7	4.7	4.9	5.6
PICK MP07	6.3	4.8	5.4	6.9	5.7	4.4	4.5	4.4	4.7	5.4
BLACKJACK	6.0	4.5	5.2	6.7	5.6	4.3	4.4	4.4	4.6	5.2
KENBLUE	6.2	4.6	5.2	6.7	5.4	3.8	3.9	3.9	4.0	5.1
LSD VALUE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
C.V. (%)	10.5	13.5	11.9	9.6	11.3	14.2	13.9	13.9	13.3	11.9

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

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

TABLE 15.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	UT1	MEAN	NAME	NJ1	UT1	MEAN
RUSH	7.3	6.4	6.8	AVID	6.3	5.3	5.8
ARROWHEAD	7.2	6.3	6.7	RAD-1492	6.3	5.3	5.8
J-1770	7.2	6.2	6.7	DAUNTLESS (A05-315)	6.3	5.2	5.8
BLUEBANK (A03-1017)	7.2	6.1	6.7	ARAMINTHA (PP 10847)	6.3	5.2	5.7
MIDNIGHT	7.1	6.1	6.6	PICK TD9	6.2	5.2	5.7
ENDURANCE (PST-K4-7)	7.1	6.1	6.6	A05-999	6.2	5.2	5.7
PICK 4340	7.1	6.1	6.6	BAR PP 119327	6.2	5.2	5.7
SUDDEN IMPACT	7.0	6.0	6.5	AMERICA	6.2	5.1	5.6
A06-46	7.1	6.0	6.5	PST-K9-99	6.1	5.1	5.6
AWARD	7.0	6.0	6.5	ZEDOR (PPH 9131)	6.1	5.1	5.6
RUBIX (4S2W)	6.9	6.0	6.4	BOLT (H99-1653)	6.1	5.0	5.6
A01-1106	6.9	5.9	6.4	MERLOT (LTP-08-6)	6.1	5.0	5.6
J-1136	6.9	5.9	6.4	BARON	6.1	5.0	5.5
NU CHICAGO	6.9	5.9	6.4	RAD-507	6.1	5.0	5.5
SRX 2758	6.9	5.9	6.4	SRX 466	6.1	4.9	5.5
PST-K9-97	6.9	5.9	6.4	RAD-849	6.0	5.0	5.5
PST-K9-90	6.9	5.9	6.4	CABERNET	6.1	4.9	5.5
BLUE NOTE	6.9	5.8	6.4	A04-36	6.0	4.9	5.5
BAR PP 110358	6.9	5.8	6.4	PICK 033	6.0	4.9	5.4
SRX 4338	6.8	5.9	6.3	LUNAR (PST-07-261)	5.9	4.9	5.4
KEENELAND (A04-342)	6.8	5.8	6.3	SHAMROCK	5.9	4.8	5.4
A06-26	6.8	5.8	6.3	3733	5.9	4.8	5.3
BLUE COAT (AKB 2282)	6.8	5.8	6.3	PST-T10-18	5.9	4.7	5.3
A00-2882	6.7	5.7	6.2	A05-329	5.8	4.7	5.2
MAZAMA (A04-74)	6.7	5.7	6.2	BARDUKE	5.8	4.7	5.2
BAR 12PP 612	6.6	5.7	6.1	OASIS (A98-344)	5.8	4.6	5.2
BURL 06-11	6.6	5.5	6.1	GEISHA (DPPP818)	5.7	4.6	5.2
EMPIRE	6.6	5.5	6.0	BLACKJACK	5.5	4.5	5.0
J-1853	6.6	5.5	6.0	WATERWORKS (A05-204)	5.5	4.3	4.9
SR 2150 (SRX 5321)	6.5	5.5	6.0	BAR VV 112916	5.5	4.3	4.9
A05-360	6.6	5.4	6.0	BAR PP 119326	5.5	4.3	4.9
A06-47	6.5	5.5	6.0	A98-363	5.5	4.3	4.9
SKYE	6.5	5.4	6.0	BAR VV 118532	5.5	4.3	4.9
PICK TD8	6.5	5.5	6.0	A05-TB-382	5.5	4.3	4.9
PST-K4-3	6.5	5.5	6.0	ZINGER (A05-306)	5.4	4.3	4.9
A00-4199	6.5	5.5	6.0	THERMAL BLUE	5.4	4.2	4.8
A04-38	6.5	5.4	5.9	PICK MP07	5.3	4.2	4.8
JACKRABBIT (PST-K10-106D)	6.4	5.4	5.9	BARVETTE HGT (BAR VV 0709)	5.2	3.9	4.6
A05-361	6.4	5.3	5.9	KENBLUE	4.1	2.8	3.5
BURL 3-51	6.4	5.3	5.9				
LEGEND (A10-1)	6.4	5.3	5.8	LSD VALUE	1.2	1.2	1.2
AKB 2555	6.3	5.3	5.8	C.V. (%)	11.6	13.9	12.6
BAR 8PP 504	6.3	5.3	5.8				

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

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

TABLE 16.

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 16. (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/ */												MEAN
	IA1	IL1	IN1	KS1	MD1	MN1	NJ1	NJ2	TN1	UT1	VA1	WA1	
A04-36	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

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

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

TABLE 17.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" *
2012-16 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	IL1	KS1	MI1	MN1	NJ1	NJ2	OK1	TN1	VA1	WA1	WI1	MEAN
BLUE NOTE	6.0	7.0	6.8	6.5	7.0	6.3	5.8	7.6	6.1	6.3	5.4	6.4
A06-46	6.2	7.0	6.8	5.8	7.0	6.4	6.1	7.7	6.8	5.8	4.7	6.4
KEENELAND (A04-342)	5.8	7.7	6.7	5.3	6.2	6.1	6.2	7.5	6.1	6.2	4.7	6.3
BAR PP 110358	5.8	7.2	6.7	5.4	7.2	6.0	6.3	7.7	5.9	5.4	5.1	6.2
BLUEBANK (A03-1017)	5.9	7.5	6.8	5.6	6.4	6.4	6.0	7.6	5.5	6.1	4.6	6.2
SKYE	5.8	7.7	6.8	5.8	6.5	5.8	6.0	7.5	6.1	5.7	4.6	6.2
PICK 4340	5.8	7.6	6.7	6.0	6.2	6.0	6.5	7.5	4.9	6.5	4.8	6.2
J-1770	5.9	7.2	6.6	5.5	6.4	6.5	5.9	7.5	5.3	5.6	5.7	6.2
SRX 466	6.2	7.4	6.6	5.2	6.0	5.6	6.2	7.7	6.8	5.6	4.6	6.2
J-1853	6.1	7.2	6.7	5.6	6.0	6.5	6.0	7.6	6.0	5.7	4.7	6.2
SRX 4338	5.6	7.3	6.5	6.1	6.2	6.0	6.0	7.5	5.6	5.8	4.6	6.1
MIDNIGHT	5.9	6.8	6.5	5.3	6.9	6.0	5.9	7.6	5.4	6.1	5.3	6.1
A05-360	5.9	6.5	6.7	5.5	6.7	5.7	5.7	7.5	6.6	5.5	4.8	6.1
BARVETTE HGT (BAR VV 0709)	5.6	6.8	6.5	4.8	6.5	4.9	6.7	7.6	7.1	5.0	5.8	6.1
J-1136	6.0	6.7	6.3	5.5	5.8	6.6	5.9	7.6	5.3	6.1	5.0	6.1
PICK 033	6.2	7.4	6.7	4.6	6.3	6.0	5.3	7.6	6.7	5.3	4.0	6.0
ENDURANCE (PST-K4-7)	6.0	7.0	6.9	6.0	6.2	5.4	5.8	7.1	5.2	6.1	4.7	6.0
SRX 2758	6.0	7.0	6.4	5.5	6.8	5.8	5.6	7.6	5.2	5.7	4.4	6.0
NU CHICAGO	5.9	7.0	6.6	5.3	5.9	6.0	5.9	7.7	5.1	5.8	5.1	6.0
A05-361	5.9	6.8	6.6	5.1	6.5	6.2	5.6	7.2	6.0	6.0	4.3	6.0
BOLT (H99-1653)	5.5	6.2	6.6	5.7	6.9	5.3	5.8	7.3	5.8	5.5	5.3	6.0
PST-T10-18	5.5	6.6	6.7	5.7	6.4	5.1	5.8	7.1	6.4	5.4	5.0	6.0
A01-1106	6.0	7.3	6.6	4.6	7.1	5.5	5.6	7.6	5.3	5.8	3.9	6.0
DAUNTLESS (A05-315)	5.9	7.1	6.6	5.2	6.5	5.4	5.8	7.3	5.1	5.9	4.8	6.0
A00-2882	5.9	7.1	6.4	4.8	6.4	5.6	5.3	7.4	5.7	6.0	4.2	6.0
SUDDEN IMPACT	6.0	7.1	6.6	5.3	5.9	6.2	5.2	7.5	5.0	5.8	4.3	5.9
LEGEND (A10-1)	6.3	6.4	6.6	5.4	5.1	6.1	5.0	7.3	5.9	5.9	4.8	5.9
ARROWHEAD	5.9	6.8	6.6	5.6	6.9	5.9	4.9	7.3	4.7	6.1	3.8	5.9
MERLOT (LTP-08-6)	6.0	6.7	6.5	5.8	5.2	5.4	5.9	7.6	5.8	5.8	4.1	5.9
CABERNET	5.8	6.6	6.6	5.5	5.6	5.3	5.6	7.4	6.8	5.2	4.3	5.9
ARAMINTHA (PP 10847)	5.5	7.1	6.7	5.0	6.3	5.0	5.6	7.2	5.1	5.6	5.3	5.9
A00-4199	5.9	6.6	6.6	4.8	6.9	5.6	5.1	7.0	5.1	5.9	4.7	5.8
MAZAMA (A04-74)	6.0	6.7	6.5	5.0	5.5	5.6	5.1	7.6	5.9	5.9	4.1	5.8
A04-38	5.7	6.3	5.7	5.1	6.4	5.5	5.5	7.2	4.8	6.1	5.1	5.8
SR 2150 (SRX 5321)	5.7	6.1	6.8	5.7	6.5	5.2	5.5	7.2	5.0	5.5	4.7	5.8
PICK TD8	5.9	6.8	6.7	5.5	6.2	5.4	5.4	7.4	4.5	5.7	4.3	5.8
RUBIX (4S2W)	5.7	6.3	6.4	6.0	6.5	5.5	4.9	7.3	4.2	5.8	4.9	5.8
OASIS (A98-344)	5.9	6.6	6.9	4.7	4.5	5.5	5.5	7.4	6.8	5.7	4.3	5.8
BLUE COAT (AKB 2282)	5.7	6.5	6.8	5.0	6.2	5.1	5.2	7.3	5.0	6.1	4.8	5.8
RUSH	5.9	6.9	6.7	5.4	6.8	5.2	4.9	7.0	4.0	5.9	4.6	5.7
A06-26	5.8	6.6	6.6	5.7	6.3	5.6	5.0	7.3	4.1	5.8	4.3	5.7
BURL 06-11	5.8	6.9	6.6	5.7	5.3	5.2	5.4	7.5	4.6	5.6	4.6	5.7
BURL 3-51	5.8	6.9	6.6	4.8	4.7	5.5	6.2	7.6	5.1	5.7	4.5	5.7
BAR 8PP 504	5.2	6.7	6.7	4.7	6.4	5.1	6.0	7.1	5.1	5.6	4.3	5.7

TABLE 17. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE A" **
 2012-16 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	KS1	MI1	MN1	NJ1	NJ2	OK1	TN1	VA1	WA1	WI1	MEAN
RAD-849	5.6	6.3	6.5	5.2	5.6	5.2	5.1	6.8	5.6	6.2	4.5	5.7
JACKRABBIT (PST-K10-106D)	5.7	6.7	6.5	4.8	6.5	5.2	5.3	7.4	4.7	5.6	4.2	5.7
A06-47	5.7	6.6	6.9	5.6	5.4	5.1	5.3	7.5	5.2	5.6	3.6	5.7
A98-363	5.7	6.4	6.5	4.6	5.1	4.9	5.4	7.5	6.4	5.2	4.9	5.7
A04-36	5.9	5.8	6.4	5.3	6.0	5.4	5.3	7.1	4.6	5.2	5.2	5.7
AWARD	5.1	7.0	6.6	5.1	5.7	5.4	5.5	7.4	4.4	5.3	4.9	5.6
EMPIRE	5.9	6.5	6.7	4.7	4.7	5.5	5.8	7.5	4.7	6.2	4.1	5.6
BAR VV 112916	5.2	6.0	6.7	5.1	5.7	4.6	5.3	7.3	6.0	5.2	5.1	5.6
A05-TB-382	5.6	6.3	6.7	4.6	5.2	5.0	6.0	7.5	5.7	5.0	4.2	5.6
AVID	6.0	5.6	6.8	5.1	4.8	5.7	5.0	7.4	4.5	5.8	4.7	5.6
SHAMROCK	5.7	6.2	6.8	4.8	5.9	4.5	5.3	7.2	5.0	5.6	4.4	5.6
ZINGER (A05-306)	5.4	6.3	6.6	4.7	5.6	4.8	5.1	6.6	5.2	5.7	5.2	5.5
THERMAL BLUE	5.5	6.4	6.5	4.7	5.8	4.3	5.2	6.8	5.9	5.2	4.9	5.5
PST-K9-90	5.4	5.8	6.6	6.1	6.4	5.6	3.8	6.7	4.4	5.2	4.5	5.5
PST-K4-3	5.7	6.2	6.6	5.0	6.1	4.9	5.1	7.3	4.9	5.2	4.0	5.5
RAD-507	5.7	6.9	6.7	5.4	4.5	4.5	5.6	7.3	5.0	5.5	3.8	5.5
BAR VV 118532	5.7	6.2	6.8	4.6	4.6	4.5	5.6	7.4	5.6	5.4	4.6	5.5
BAR PP 119326	5.8	6.1	6.5	4.4	5.6	4.4	5.0	7.1	5.7	5.1	5.1	5.5
LUNAR (PST-07-261)	5.2	6.6	6.8	4.7	5.9	5.2	5.9	7.4	4.7	5.0	3.6	5.5
AMERICA	5.4	7.1	6.8	4.7	4.9	4.9	5.4	7.4	4.6	5.4	4.0	5.5
A05-999	5.4	5.9	6.5	4.9	6.9	4.6	4.8	6.9	5.0	5.2	4.2	5.5
PST-K9-97	5.4	6.5	6.5	5.3	5.6	5.0	5.3	6.6	3.9	5.6	3.6	5.4
PICK MP07	5.2	5.9	6.7	4.7	5.2	4.4	5.1	7.1	5.1	5.1	4.9	5.4
RAD-1492	5.2	6.0	6.6	5.2	5.5	4.7	5.5	7.6	3.9	5.1	4.0	5.4
GEISHA (DPPP818)	5.5	6.2	6.5	4.2	4.9	4.4	5.2	7.2	5.0	5.7	4.3	5.3
ZEDOR (PPH 9131)	5.2	6.8	6.8	4.5	4.8	4.9	5.4	7.1	4.3	5.3	3.8	5.3
PST-K9-99	5.7	6.0	6.6	4.5	5.6	4.2	5.2	7.0	4.2	5.8	4.0	5.3
BARON	5.2	6.2	6.5	4.4	5.5	4.3	5.2	7.2	4.0	5.7	4.7	5.3
BAR PP 119327	5.5	6.0	6.8	4.2	6.1	4.2	4.9	7.1	4.1	5.8	3.8	5.3
BARDUKE	5.4	6.2	6.3	4.2	5.2	4.2	5.1	7.2	4.9	5.4	4.5	5.3
WATERWORKS (A05-204)	5.5	6.6	6.7	4.9	3.3	4.8	4.9	7.3	5.1	4.9	4.1	5.3
BAR 12PP 612	5.2	6.4	6.4	4.6	5.0	5.3	5.1	7.1	3.0	6.2	3.4	5.2
3733	5.0	6.4	6.6	3.9	4.8	4.2	5.0	7.1	4.9	4.0	3.6	5.0
AKB 2555	4.9	6.4	6.7	3.9	5.1	4.2	4.4	6.8	4.0	5.2	4.1	5.0
PICK TD9	5.3	5.7	6.5	5.4	4.1	4.7	3.7	6.7	3.9	5.2	3.8	5.0
KENBLUE	4.8	5.7	6.3	3.3	4.2	3.3	5.4	7.2	6.1	4.2	5.0	5.0
A05-329	5.5	6.2	6.4	3.9	3.6	4.1	5.0	7.0	5.0	5.1	3.3	5.0
BLACKJACK	4.5	6.0	6.5	4.3	5.3	3.9	3.6	6.5	3.9	4.9	4.1	4.9
LSD VALUE	0.7	1.4	0.7	1.1	1.6	0.8	1.0	0.5	1.6	1.0	1.2	0.4
C.V. (%)	7.8	13.6	6.8	13.5	17.1	9.1	12.2	3.9	20.7	11.2	16.7	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 A : MEDIUM MAINTENANCE WITH 1.5-2.5" MOWING HEIGHT, 3-4 lbs. N/1000 FT²/YEAR, IRRIGATION TO PREVENT STRESS OR DORMANCY.

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN AT FOUR LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" **
 2012-16 DATA

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

NAME	IA1	IN1	MD1	UT1	MEAN
A05-360	6.9	6.2	5.2	6.0	6.1
J-1136	7.0	5.8	5.2	6.1	6.0
A06-46	6.4	6.6	4.9	6.3	6.0
BLUEBANK (A03-1017)	6.7	6.4	5.2	5.7	6.0
SUDDEN IMPACT	6.5	6.2	5.2	6.0	6.0
BLUE NOTE	6.4	6.6	5.5	5.4	6.0
NU CHICAGO	6.7	5.7	5.2	6.2	6.0
J-1770	6.6	6.1	5.1	5.9	5.9
PICK 033	6.5	6.3	4.7	6.0	5.9
A00-2882	6.9	5.4	4.6	6.6	5.9
SRX 466	6.4	6.2	4.8	5.9	5.9
BURL 3-51	6.5	6.0	4.6	6.3	5.8
PICK 4340	6.2	5.6	5.2	6.3	5.8
KEENELAND (A04-342)	6.7	5.6	4.8	6.1	5.8
RUSH	6.9	5.3	5.1	6.0	5.8
MAZAMA (A04-74)	6.6	5.9	4.7	6.1	5.8
OASIS (A98-344)	6.9	5.4	4.7	6.1	5.8
A01-1106	6.9	5.1	4.9	6.3	5.8
MIDNIGHT	6.5	5.8	4.9	5.9	5.8
SRX 4338	6.3	5.8	5.0	6.0	5.8
ENDURANCE (PST-K4-7)	6.3	5.9	4.9	5.9	5.8
SKYE	6.1	6.1	5.3	5.6	5.8
J-1853	6.3	5.8	5.1	5.8	5.8
SRX 2758	6.7	5.9	4.7	5.7	5.7
BLUE COAT (AKB 2282)	6.0	5.8	5.2	5.9	5.7
RAD-1492	6.1	6.1	4.9	5.9	5.7
CABERNET	6.3	6.1	5.2	5.1	5.7
AWARD	6.5	5.9	5.3	5.0	5.7
A05-361	6.1	5.9	5.4	5.3	5.7
BAR PP 110358	6.1	6.4	5.5	4.5	5.7
LEGEND (A10-1)	6.4	5.5	4.9	5.7	5.6
ARROWHEAD	6.3	5.6	4.7	5.9	5.6
BURL 06-11	5.7	6.3	4.7	5.6	5.6
A98-363	6.0	6.1	5.0	5.2	5.6
RUBIX (4S2W)	6.2	6.0	4.9	5.1	5.6
AMERICA	6.2	6.0	4.9	5.1	5.5
A00-4199	6.3	6.3	4.1	5.4	5.5
MERLOT (LTP-08-6)	6.6	6.0	4.2	5.4	5.5
PICK TD8	6.1	6.0	4.1	5.8	5.5
SR 2150 (SRX 5321)	6.3	6.1	4.5	5.2	5.5
A06-26	6.0	6.3	4.1	5.6	5.5
A04-38	6.1	6.0	4.7	5.1	5.5
PST-K9-90	6.1	5.7	4.6	5.5	5.5
A06-47	6.1	5.2	4.8	5.5	5.4

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FOUR LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" **
2012-16 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IN1	MD1	UT1	MEAN
BOLT (H99-1653)	5.8	6.1	4.8	5.0	5.4
LUNAR (PST-07-261)	6.0	5.4	4.6	5.6	5.4
ARAMINTHA (PP 10847)	6.1	5.6	5.1	4.8	5.4
PICK TD9	6.2	5.6	4.3	5.5	5.4
RAD-507	6.0	6.0	4.0	5.5	5.4
RAD-849	6.0	5.5	4.7	5.3	5.4
EMPIRE	6.6	5.3	3.9	5.6	5.4
JACKRABBIT (PST-K10-106D)	6.3	5.2	4.8	5.2	5.4
BAR 8PP 504	5.9	5.5	4.9	5.1	5.4
BAR VV 118532	6.7	5.5	4.3	4.7	5.3
PST-K4-3	6.2	5.3	4.6	5.1	5.3
BARVETTE HGT (BAR VV 0709)	5.9	5.8	5.0	4.5	5.3
A05-TB-382	6.4	6.0	4.1	4.7	5.3
DAUNTLESS (A05-315)	6.1	5.8	4.4	4.8	5.3
PST-T10-18	5.7	6.2	4.5	4.6	5.3
A05-999	6.0	5.3	4.6	5.1	5.3
BARON	6.2	5.3	4.3	5.2	5.3
AVID	6.4	5.2	4.3	5.0	5.3
GEISHA (DPPP818)	6.1	5.6	4.3	4.9	5.3
SHAMROCK	6.4	5.6	4.1	4.9	5.2
A04-36	6.3	5.8	4.0	4.8	5.2
BARDUKE	6.2	5.5	4.2	5.0	5.2
WATERWORKS (A05-204)	6.1	5.3	4.3	5.2	5.2
BAR 12PP 612	5.8	4.7	4.7	5.4	5.1
BAR PP 119326	6.3	5.5	4.1	4.5	5.1
BAR PP 119327	6.2	5.4	3.8	4.8	5.1
PST-K9-97	6.1	4.3	5.0	4.9	5.1
A05-329	6.2	4.1	4.1	5.7	5.0
ZINGER (A05-306)	6.0	5.6	4.4	4.2	5.0
BAR VV 112916	6.1	5.4	4.4	4.2	5.0
ZEDOR (PPH 9131)	6.2	5.0	4.0	4.9	5.0
THERMAL BLUE	6.4	5.7	3.7	4.3	5.0
AKB 2555	6.2	4.3	4.2	5.1	5.0
BLACKJACK	6.1	4.9	4.0	4.9	5.0
3733	6.4	4.6	4.4	4.2	4.9
PST-K9-99	5.9	4.8	4.1	4.7	4.9
PICK MP07	5.6	5.4	3.9	4.4	4.8
KENBLUE	5.8	5.0	3.7	3.5	4.5
LSD VALUE	0.9	0.9	1.0	1.1	0.5
C.V. (%)	9.5	9.6	13.4	12.9	11.3

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.

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

TABLE 19.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE NORTHEAST REGION
2012-16 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	NJ2	MEAN	NAME	NJ1	NJ2	MEAN
A06-46	7.0	6.4	6.7	AWARD	5.7	5.4	5.5
BLUE NOTE	7.0	6.3	6.6	MAZAMA (A04-74)	5.5	5.6	5.5
BAR PP 110358	7.2	6.0	6.6	LUNAR (PST-07-261)	5.9	5.2	5.5
J-1770	6.4	6.5	6.5	PST-K4-3	6.1	4.9	5.5
MIDNIGHT	6.9	6.0	6.4	CABERNET	5.6	5.3	5.5
BLUEBANK (A03-1017)	6.4	6.4	6.4	RAD-849	5.6	5.2	5.4
ARROWHEAD	6.9	5.9	6.4	MERLOT (LTP-08-6)	5.2	5.4	5.3
A05-361	6.5	6.2	6.4	PST-K9-97	5.6	5.0	5.3
A01-1106	7.1	5.5	6.3	AVID	4.8	5.7	5.3
SRX 2758	6.8	5.8	6.3	BURL 06-11	5.3	5.2	5.2
J-1853	6.0	6.5	6.2	A06-47	5.4	5.1	5.2
A00-4199	6.9	5.6	6.2	SHAMROCK	5.9	4.5	5.2
J-1136	5.8	6.6	6.2	ZINGER (A05-306)	5.6	4.8	5.2
A05-360	6.7	5.7	6.2	BAR 12PP 612	5.0	5.3	5.2
SKYE	6.5	5.8	6.2	BAR VV 112916	5.7	4.6	5.2
PICK 033	6.3	6.0	6.1	A05-TB-382	5.2	5.0	5.1
KEENELAND (A04-342)	6.2	6.1	6.1	BAR PP 119327	6.1	4.2	5.1
BOLT (H99-1653)	6.9	5.3	6.1	RAD-1492	5.5	4.7	5.1
PICK 4340	6.2	6.0	6.1	EMPIRE	4.7	5.5	5.1
SRX 4338	6.2	6.0	6.1	BURL 3-51	4.7	5.5	5.1
A00-2882	6.4	5.6	6.0	THERMAL BLUE	5.8	4.3	5.1
SUDDEN IMPACT	5.9	6.2	6.0	BAR PP 119326	5.6	4.4	5.0
PST-K9-90	6.4	5.6	6.0	A98-363	5.1	4.9	5.0
RUBIX (4S2W)	6.5	5.5	6.0	OASIS (A98-344)	4.5	5.5	5.0
RUSH	6.8	5.2	6.0	AMERICA	4.9	4.9	4.9
DAUNTLESS (A05-315)	6.5	5.4	5.9	BARON	5.5	4.3	4.9
A04-38	6.4	5.5	5.9	PST-K9-99	5.6	4.2	4.9
NU CHICAGO	5.9	6.0	5.9	ZEDOR (PPH 9131)	4.8	4.9	4.8
A06-26	6.3	5.6	5.9	PICK MP07	5.2	4.4	4.8
SR 2150 (SRX 5321)	6.5	5.2	5.9	BARDUKE	5.2	4.2	4.7
SRX 466	6.0	5.6	5.8	AKB 2555	5.1	4.2	4.7
JACKRABBIT (PST-K10-106D)	6.5	5.2	5.8	GEISHA (DPPP818)	4.9	4.4	4.6
PICK TD8	6.2	5.4	5.8	BLACKJACK	5.3	3.9	4.6
PST-T10-18	6.4	5.1	5.8	BAR VV 118532	4.6	4.5	4.6
ENDURANCE (PST-K4-7)	6.2	5.4	5.8	3733	4.8	4.2	4.5
BAR 8PP 504	6.4	5.1	5.7	RAD-507	4.5	4.5	4.5
A05-999	6.9	4.6	5.7	PICK TD9	4.1	4.7	4.4
A04-36	6.0	5.4	5.7	WATERWORKS (A05-204)	3.3	4.8	4.1
BARVETTE HGT (BAR VV 0709)	6.5	4.9	5.7	A05-329	3.6	4.1	3.9
ARAMINTHA (PP 10847)	6.3	5.0	5.7	KENBLUE	4.2	3.3	3.7
BLUE COAT (AKB 2282)	6.2	5.1	5.6				
LEGEND (A10-1)	5.1	6.1	5.6	LSD VALUE	1.6	0.8	0.9
				C.V. (%)	17.1	9.1	14.0

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

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

TABLE 20.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2012-16 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					MEAN
	KS1	MD1	OK1	TN1	VA1	
BARVETTE HGT (BAR VV 0709)	6.8	5.0	6.7	7.6	7.1	6.6
SRX 466	7.4	4.8	6.2	7.7	6.8	6.6
SKYE	7.7	5.3	6.0	7.5	6.1	6.5
BAR PP 110358	7.2	5.5	6.3	7.7	5.9	6.5
A06-46	7.0	4.9	6.1	7.7	6.8	6.5
KEENELAND (A04-342)	7.7	4.8	6.2	7.5	6.1	6.5
BLUE NOTE	7.0	5.5	5.8	7.6	6.1	6.4
PICK 033	7.4	4.7	5.3	7.6	6.7	6.4
BLUEBANK (A03-1017)	7.5	5.2	6.0	7.6	5.5	6.4
J-1853	7.2	5.1	6.0	7.6	6.0	6.3
A05-360	6.5	5.2	5.7	7.5	6.6	6.3
CABERNET	6.6	5.2	5.6	7.4	6.8	6.3
PICK 4340	7.6	5.2	6.5	7.5	4.9	6.3
SRX 4338	7.3	5.0	6.0	7.5	5.6	6.3
OASIS (A98-344)	6.6	4.7	5.5	7.4	6.8	6.2
J-1770	7.2	5.1	5.9	7.5	5.3	6.2
A05-361	6.8	5.4	5.6	7.2	6.0	6.2
NU CHICAGO	7.0	5.2	5.9	7.7	5.1	6.2
A98-363	6.4	5.0	5.4	7.5	6.4	6.2
A01-1106	7.3	4.9	5.6	7.6	5.3	6.1
J-1136	6.7	5.2	5.9	7.6	5.3	6.1
MIDNIGHT	6.8	4.9	5.9	7.6	5.4	6.1
PST-T10-18	6.6	4.5	5.8	7.1	6.4	6.1
A00-2882	7.1	4.6	5.3	7.4	5.7	6.1
SRX 2758	7.0	4.7	5.6	7.6	5.2	6.0
ARAMINTHA (PP 10847)	7.1	5.1	5.6	7.2	5.1	6.0
SUDDEN IMPACT	7.1	5.2	5.2	7.5	5.0	6.0
BURL 3-51	6.9	4.6	6.2	7.6	5.1	6.0
MAZAMA (A04-74)	6.7	4.7	5.1	7.6	5.9	6.0
ENDURANCE (PST-K4-7)	7.0	4.9	5.8	7.1	5.2	6.0
MERLOT (LTP-08-6)	6.7	4.2	5.9	7.6	5.8	6.0
LEGEND (A10-1)	6.4	4.9	5.0	7.3	5.9	6.0
BAR 8PP 504	6.7	4.9	6.0	7.1	5.1	5.9
BOLT (H99-1653)	6.2	4.8	5.8	7.3	5.8	5.9
AWARD	7.0	5.3	5.5	7.4	4.4	5.9
DAUNTLESS (A05-315)	7.1	4.4	5.8	7.3	5.1	5.9
A06-47	6.6	4.8	5.3	7.5	5.2	5.9
A05-TB-382	6.3	4.1	6.0	7.5	5.7	5.9
AMERICA	7.1	4.9	5.4	7.4	4.6	5.9
BLUE COAT (AKB 2282)	6.5	5.2	5.2	7.3	5.0	5.9
BURL 06-11	6.9	4.7	5.4	7.5	4.6	5.8
LUNAR (PST-07-261)	6.6	4.6	5.9	7.4	4.7	5.8
BAR VV 112916	6.0	4.4	5.3	7.3	6.0	5.8
BAR VV 118532	6.2	4.3	5.6	7.4	5.6	5.8

TABLE 20.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2012-16 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					MEAN
	KS1	MD1	OK1	TN1	VA1	
JACKRABBIT (PST-K10-106D)	6.7	4.8	5.3	7.4	4.7	5.8
A04-38	6.3	4.7	5.5	7.2	4.8	5.7
RAD-507	6.9	4.0	5.6	7.3	5.0	5.7
RAD-849	6.3	4.7	5.1	6.8	5.6	5.7
ARROWHEAD	6.8	4.7	4.9	7.3	4.7	5.7
WATERWORKS (A05-204)	6.6	4.3	4.9	7.3	5.1	5.6
EMPIRE	6.5	3.9	5.8	7.5	4.7	5.6
KENBLUE	5.7	3.7	5.4	7.2	6.1	5.6
SR 2150 (SRX 5321)	6.1	4.5	5.5	7.2	5.0	5.6
PST-K4-3	6.2	4.6	5.1	7.3	4.9	5.6
THERMAL BLUE	6.4	3.7	5.2	6.8	5.9	5.6
PICK TD8	6.8	4.1	5.4	7.4	4.5	5.6
3733	6.4	4.4	5.0	7.1	4.9	5.6
BAR PP 119326	6.1	4.1	5.0	7.1	5.7	5.6
A00-4199	6.6	4.1	5.1	7.0	5.1	5.6
RUSH	6.9	5.1	4.9	7.0	4.0	5.6
RAD-1492	6.0	4.9	5.5	7.6	3.9	5.6
GEISHA (DPPP818)	6.2	4.3	5.2	7.2	5.0	5.6
SHAMROCK	6.2	4.1	5.3	7.2	5.0	5.5
ZINGER (A05-306)	6.3	4.4	5.1	6.6	5.2	5.5
RUBIX (4S2W)	6.3	4.9	4.9	7.3	4.2	5.5
BARDUKE	6.2	4.2	5.1	7.2	4.9	5.5
ZEDOR (PPH 9131)	6.8	4.0	5.4	7.1	4.3	5.5
A05-329	6.2	4.1	5.0	7.0	5.0	5.5
A05-999	5.9	4.6	4.8	6.9	5.0	5.4
PST-K9-97	6.5	5.0	5.3	6.6	3.9	5.4
PICK MP07	5.9	3.9	5.1	7.1	5.1	5.4
A06-26	6.6	4.1	5.0	7.3	4.1	5.4
AVID	5.6	4.3	5.0	7.4	4.5	5.4
A04-36	5.8	4.0	5.3	7.1	4.6	5.4
BARON	6.2	4.3	5.2	7.2	4.0	5.3
PST-K9-99	6.0	4.1	5.2	7.0	4.2	5.3
BAR 12PP 612	6.4	4.7	5.1	7.1	3.0	5.2
BAR PP 119327	6.0	3.8	4.9	7.1	4.1	5.2
AKB 2555	6.4	4.2	4.4	6.8	4.0	5.2
PST-K9-90	5.8	4.6	3.8	6.7	4.4	5.1
PICK TD9	5.7	4.3	3.7	6.7	3.9	4.9
BLACKJACK	6.0	4.0	3.6	6.5	3.9	4.9
LSD VALUE	1.4	1.0	1.0	0.5	1.6	0.6
C.V. (%)	13.6	13.4	12.2	3.9	20.7	12.9

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

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

TABLE 21. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2012-16 DATA

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

NAME	IA1	IL1	IN1	MI1	MN1	WI1	MEAN
BLUE NOTE	6.4	6.0	6.6	6.8	6.5	5.4	6.3
A06-46	6.4	6.2	6.6	6.8	5.8	4.7	6.1
J-1770	6.6	5.9	6.1	6.6	5.5	5.7	6.1
BLUEBANK (A03-1017)	6.7	5.9	6.4	6.8	5.6	4.6	6.0
A05-360	6.9	5.9	6.2	6.7	5.5	4.8	6.0
ENDURANCE (PST-K4-7)	6.3	6.0	5.9	6.9	6.0	4.7	6.0
J-1136	7.0	6.0	5.8	6.3	5.5	5.0	6.0
BAR PP 110358	6.1	5.8	6.4	6.7	5.4	5.1	5.9
J-1853	6.3	6.1	5.8	6.7	5.6	4.7	5.9
SRX 466	6.4	6.2	6.2	6.6	5.2	4.6	5.9
SR 2150 (SRX 5321)	6.3	5.7	6.1	6.8	5.7	4.7	5.9
MIDNIGHT	6.5	5.9	5.8	6.5	5.3	5.3	5.9
NU CHICAGO	6.7	5.9	5.7	6.6	5.3	5.1	5.9
RUBIX (4S2W)	6.2	5.7	6.0	6.4	6.0	4.9	5.9
MERLOT (LTP-08-6)	6.6	6.0	6.0	6.5	5.8	4.1	5.9
SKYE	6.1	5.8	6.1	6.8	5.8	4.6	5.9
SRX 2758	6.7	6.0	5.9	6.4	5.5	4.4	5.8
SRX 4338	6.3	5.6	5.8	6.5	6.1	4.6	5.8
LEGEND (A10-1)	6.4	6.3	5.5	6.6	5.4	4.8	5.8
SUDDEN IMPACT	6.5	6.0	6.2	6.6	5.3	4.3	5.8
PICK 4340	6.2	5.8	5.6	6.7	6.0	4.8	5.8
BOLT (H99-1653)	5.8	5.5	6.1	6.6	5.7	5.3	5.8
A04-36	6.3	5.9	5.8	6.4	5.3	5.2	5.8
KEENELAND (A04-342)	6.7	5.8	5.6	6.7	5.3	4.7	5.8
A06-26	6.0	5.8	6.3	6.6	5.7	4.3	5.8
PST-T10-18	5.7	5.5	6.2	6.7	5.7	5.0	5.8
BURL 06-11	5.7	5.8	6.3	6.6	5.7	4.6	5.8
CABERNET	6.3	5.8	6.1	6.6	5.5	4.3	5.8
A00-4199	6.3	5.9	6.3	6.6	4.8	4.7	5.8
RUSH	6.9	5.9	5.3	6.7	5.4	4.6	5.8
PICK TD8	6.1	5.9	6.0	6.7	5.5	4.3	5.8
PICK 033	6.5	6.2	6.3	6.7	4.6	4.0	5.7
PST-K9-90	6.1	5.4	5.7	6.6	6.1	4.5	5.7
DAUNTLESS (A05-315)	6.1	5.9	5.8	6.6	5.2	4.8	5.7
BURL 3-51	6.5	5.8	6.0	6.6	4.8	4.5	5.7
BARVETTE HGT (BAR VV 0709)	5.9	5.6	5.8	6.5	4.8	5.8	5.7
MAZAMA (A04-74)	6.6	6.0	5.9	6.5	5.0	4.1	5.7
ARAMINTHA (PP 10847)	6.1	5.5	5.6	6.7	5.0	5.3	5.7
AVID	6.4	6.0	5.2	6.8	5.1	4.7	5.7
AWARD	6.5	5.1	5.9	6.6	5.1	4.9	5.7
OASIS (A98-344)	6.9	5.9	5.4	6.9	4.7	4.3	5.7
A04-38	6.1	5.7	6.0	5.7	5.1	5.1	5.7
BLUE COAT (AKB 2282)	6.0	5.7	5.8	6.8	5.0	4.8	5.6
ARROWHEAD	6.3	5.9	5.6	6.6	5.6	3.8	5.6

TABLE 21. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2012-16 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						MEAN
	IA1	IL1	IN1	MI1	MN1	WI1	
A00-2882	6.9	5.9	5.4	6.4	4.8	4.2	5.6
BAR VV 118532	6.7	5.7	5.5	6.8	4.6	4.6	5.6
A05-361	6.1	5.9	5.9	6.6	5.1	4.3	5.6
A98-363	6.0	5.7	6.1	6.5	4.6	4.9	5.6
RAD-507	6.0	5.7	6.0	6.7	5.4	3.8	5.6
SHAMROCK	6.4	5.7	5.6	6.8	4.8	4.4	5.6
A05-TB-382	6.4	5.6	6.0	6.7	4.6	4.2	5.6
THERMAL BLUE	6.4	5.5	5.7	6.5	4.7	4.9	5.6
BAR PP 119326	6.3	5.8	5.5	6.5	4.4	5.1	5.6
EMPIRE	6.6	5.9	5.3	6.7	4.7	4.1	5.5
BAR VV 112916	6.1	5.2	5.4	6.7	5.1	5.1	5.5
ZINGER (A05-306)	6.0	5.4	5.6	6.6	4.7	5.2	5.5
RAD-849	6.0	5.6	5.5	6.5	5.2	4.5	5.5
RAD-1492	6.1	5.2	6.1	6.6	5.2	4.0	5.5
AMERICA	6.2	5.4	6.0	6.8	4.7	4.0	5.5
A06-47	6.1	5.7	5.2	6.9	5.6	3.6	5.5
A01-1106	6.9	6.0	5.1	6.6	4.6	3.9	5.5
PICK TD9	6.2	5.3	5.6	6.5	5.4	3.8	5.5
PST-K4-3	6.2	5.7	5.3	6.6	5.0	4.0	5.4
JACKRABBIT (PST-K10-106D)	6.3	5.7	5.2	6.5	4.8	4.2	5.4
WATERWORKS (A05-204)	6.1	5.5	5.3	6.7	4.9	4.1	5.4
A05-999	6.0	5.4	5.3	6.5	4.9	4.2	5.4
PICK MP07	5.6	5.2	5.4	6.7	4.7	4.9	5.4
GEISHA (DPPP818)	6.1	5.5	5.6	6.5	4.2	4.3	5.3
BAR 8PP 504	5.9	5.2	5.5	6.7	4.7	4.3	5.3
BARDUKE	6.2	5.4	5.5	6.3	4.2	4.5	5.3
BARON	6.2	5.2	5.3	6.5	4.4	4.7	5.3
BAR PP 119327	6.2	5.5	5.4	6.8	4.2	3.8	5.3
LUNAR (PST-07-261)	6.0	5.2	5.4	6.8	4.7	3.6	5.2
ZEDOR (PPH 9131)	6.2	5.2	5.0	6.8	4.5	3.8	5.2
PST-K9-99	5.9	5.7	4.8	6.6	4.5	4.0	5.2
PST-K9-97	6.1	5.4	4.3	6.5	5.3	3.6	5.2
BLACKJACK	6.1	4.5	4.9	6.5	4.3	4.1	5.0
BAR 12PP 612	5.8	5.2	4.7	6.4	4.6	3.4	5.0
AKB 2555	6.2	4.9	4.3	6.7	3.9	4.1	5.0
3733	6.4	5.0	4.6	6.6	3.9	3.6	5.0
KENBLUE	5.8	4.8	5.0	6.3	3.3	5.0	4.9
A05-329	6.2	5.5	4.1	6.4	3.9	3.3	4.9
LSD VALUE	0.9	0.7	0.9	0.7	1.1	1.2	0.4
C.V. (%)	9.5	7.8	9.6	6.8	13.5	16.7	10.5

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

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

TABLE 22.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE UPPER WEST/MOUNTAIN REGION
2012-16 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN	NAME	NJ1	NJ2	MEAN
PICK 4340	6.3	6.5	6.4	AWARD	5.7	5.4	5.5
A00-2882	6.6	6.0	6.3	MAZAMA (A04-74)	5.5	5.6	5.5
KEENELAND (A04-342)	6.1	6.2	6.2	LUNAR (PST-07-261)	5.9	5.2	5.5
J-1136	6.1	6.1	6.1	PST-K4-3	6.1	4.9	5.5
A01-1106	6.3	5.8	6.1	CABERNET	5.6	5.3	5.5
MAZAMA (A04-74)	6.1	5.9	6.0	RAD-849	5.6	5.2	5.4
A06-46	6.3	5.8	6.0	MERLOT (LTP-08-6)	5.2	5.4	5.3
MIDNIGHT	5.9	6.1	6.0	PST-K9-97	5.6	5.0	5.3
NU CHICAGO	6.2	5.8	6.0	AVID	4.8	5.7	5.3
ENDURANCE (PST-K4-7)	5.9	6.1	6.0	BURL 06-11	5.3	5.2	5.2
BLUE COAT (AKB 2282)	5.9	6.1	6.0	A06-47	5.4	5.1	5.2
ARROWHEAD	5.9	6.1	6.0	SHAMROCK	5.9	4.5	5.2
BURL 3-51	6.3	5.7	6.0	ZINGER (A05-306)	5.6	4.8	5.2
SRX 4338	6.0	5.8	5.9	BAR 12PP 612	5.0	5.3	5.2
RUSH	6.0	5.9	5.9	BAR VV 112916	5.7	4.6	5.2
BLUEBANK (A03-1017)	5.7	6.1	5.9	A05-TB-382	5.2	5.0	5.1
SUDDEN IMPACT	6.0	5.8	5.9	BAR PP 119327	6.1	4.2	5.1
OASIS (A98-344)	6.1	5.7	5.9	RAD-1492	5.5	4.7	5.1
EMPIRE	5.6	6.2	5.9	EMPIRE	4.7	5.5	5.1
BLUE NOTE	5.4	6.3	5.8	BURL 3-51	4.7	5.5	5.1
LEGEND (A10-1)	5.7	5.9	5.8	THERMAL BLUE	5.8	4.3	5.1
A05-360	6.0	5.5	5.8	BAR PP 119326	5.6	4.4	5.0
SRX 466	5.9	5.6	5.8	A98-363	5.1	4.9	5.0
BAR 12PP 612	5.4	6.2	5.8	OASIS (A98-344)	4.5	5.5	5.0
J-1770	5.9	5.6	5.8	AMERICA	4.9	4.9	4.9
PICK TD8	5.8	5.7	5.7	BARON	5.5	4.3	4.9
J-1853	5.8	5.7	5.7	PST-K9-99	5.6	4.2	4.9
A06-26	5.6	5.8	5.7	ZEDOR (PPH 9131)	4.8	4.9	4.8
RAD-849	5.3	6.2	5.7	PICK MP07	5.2	4.4	4.8
SRX 2758	5.7	5.7	5.7	BARDUKE	5.2	4.2	4.7
PICK 033	6.0	5.3	5.7	AKB 2555	5.1	4.2	4.7
A05-361	5.3	6.0	5.7	GEISHA (DPPP818)	4.9	4.4	4.6
A00-4199	5.4	5.9	5.6	BLACKJACK	5.3	3.9	4.6
SKYE	5.6	5.7	5.6	BAR VV 118532	4.6	4.5	4.6
A04-38	5.1	6.1	5.6	3733	4.8	4.2	4.5
MERLOT (LTP-08-6)	5.4	5.8	5.6	RAD-507	4.5	4.5	4.5
A06-47	5.5	5.6	5.6	PICK TD9	4.1	4.7	4.4
BURL 06-11	5.6	5.6	5.6	WATERWORKS (A05-204)	3.3	4.8	4.1
RAD-507	5.5	5.5	5.5	A05-329	3.6	4.1	3.9
BARON	5.2	5.7	5.5	KENBLUE	4.2	3.3	3.7
RAD-1492	5.9	5.1	5.5				
RUBIX (4S2W)	5.1	5.8	5.5	LSD VALUE	1.6	0.8	0.9
				C.V. (%)	17.1	9.1	14.0

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

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

TABLE 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2012-2016 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	SEEDLING VIGOR	PERCENT GROUND COVER			MILDEW	QUALITY RATINGS										MEAN
				SPRING	SUMMER	FALL		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
KEENELAND (A04-342)	5.0	4.3	3.7	78.0	81.8	71.0	8.3	5.1	5.3	6.4	6.8	6.9	6.7	6.3	6.4	6.0	6.3	
MAZAMA (A04-74)	4.3	4.0	5.7	80.7	80.3	86.7	8.7	4.9	5.9	6.5	6.7	7.0	6.8	6.2	5.9	6.0	6.3	
BAR 8PP 504	6.0	4.3	6.3	83.0	59.5	61.3	9.0	6.3	5.9	6.5	6.3	6.1	6.1	5.3	5.6	5.4	5.9	
BARVETTE HGT (BAR VV 0709)	6.3	4.8	5.3	61.7	47.0	49.3	9.0	5.8	5.4	5.9	5.8	5.9	5.7	5.7	5.6	5.8	5.7	
PST-K9-99	4.7	4.3	1.3	73.0	55.8	72.3	8.7	4.4	5.1	5.4	6.1	5.8	6.1	5.7	5.3	4.8	5.5	
BAR VV 112916	6.0	3.0	5.7	63.3	55.8	67.0	8.7	5.0	4.9	5.1	5.1	5.5	5.3	5.1	5.3	5.4	5.2	
BURL 3-51	5.3	2.8	6.0	82.0	76.3	69.7	7.0	5.0	4.8	4.9	5.6	5.8	5.9	5.3	5.1	4.8	5.2	
KENBLUE	5.3	5.8	5.7	82.7	70.3	53.3	9.0	5.2	5.5	5.9	5.5	5.4	5.3	4.9	4.9	4.7	5.2	
ARAMINTHA (PP 10847)	3.3	4.3	5.0	33.3	54.2	28.7	9.0	4.0	4.6	5.1	5.3	5.7	5.4	4.9	4.7	4.8	4.9	
BAR VV 118532	5.3	3.0	4.0	56.7	48.5	45.0	7.0	4.8	4.5	5.0	5.3	5.5	5.3	4.7	4.5	4.6	4.9	
BURL 06-11	5.3	4.2	6.3	88.3	69.2	79.7	8.7	4.8	4.9	5.4	5.3	5.3	5.0	4.7	4.7	4.8	4.9	
BAR PP 119327	4.3	4.2	4.7	47.0	46.0	35.0	8.7	4.8	4.7	4.9	5.0	4.9	4.7	4.5	4.4	4.3	4.7	
RAD-849	4.3	3.2	4.7	74.0	78.7	44.3	9.0	4.3	4.5	5.0	5.5	5.5	5.1	4.7	4.3	3.7	4.7	
PICK 033	4.7	2.8	4.3	61.7	51.2	34.3	9.0	4.3	4.6	5.0	4.8	5.0	4.7	4.5	4.4	4.2	4.6	
SRX 4338	6.7	4.0	4.7	59.7	61.0	62.7	8.7	5.0	4.7	5.0	5.3	4.9	4.7	4.3	4.3	3.9	4.6	
THERMAL BLUE	6.0	4.2	5.7	72.0	50.7	68.3	7.0	5.0	4.7	4.6	4.7	4.9	4.6	4.3	4.6	4.8	4.6	
AMERICA	6.3	3.3	7.0	48.0	54.0	31.3	8.3	4.7	4.7	4.9	4.9	4.9	4.7	4.4	3.8	4.0	4.5	
AVID	3.0	4.0	4.7	59.7	66.8	42.7	8.7	3.7	4.7	4.6	5.3	5.1	4.8	4.1	4.1	3.3	4.5	
DAUNTLESS (A05-315)	6.3	4.2	5.0	55.3	44.0	40.0	9.0	5.1	4.7	4.8	4.7	4.4	4.5	4.4	4.0	3.9	4.5	
BLUEBANK (A03-1017)	5.0	3.3	5.7	37.7	37.0	22.7	5.3	3.9	3.9	4.4	4.9	5.0	4.5	4.3	4.4	3.8	4.4	
GEISHA (DPPP818)	6.0	4.0	6.0	51.3	38.7	53.3	4.0	4.8	4.6	4.3	4.5	4.5	4.4	4.2	4.1	4.3	4.4	
OASIS (A98-344)	3.0	3.3	5.0	59.7	66.3	45.7	9.0	4.1	4.2	4.4	4.5	4.9	4.7	4.5	4.2	3.9	4.4	
PICK 4340	6.7	4.8	4.0	41.7	40.3	27.7	8.3	4.6	4.7	4.8	5.0	4.8	4.4	4.1	3.9	3.8	4.4	
A05-999	4.7	4.5	3.0	80.3	67.8	60.0	9.0	4.9	4.2	4.7	4.4	4.9	4.8	4.2	3.7	4.0	4.3	
A00-2882	4.3	2.5	3.7	41.3	64.0	24.0	8.3	3.9	3.9	4.7	4.8	5.0	4.6	3.9	3.8	3.6	4.2	
A05-TB-382	5.3	2.3	4.3	72.7	65.3	50.3	9.0	4.1	3.9	4.5	4.4	4.4	4.5	4.5	4.5	3.9	4.2	
RAD-507	5.0	3.3	3.0	42.3	53.3	35.3	7.7	3.7	3.8	4.1	4.5	4.8	4.5	4.3	4.1	3.6	4.2	
A06-46	4.0	3.2	5.0	50.3	52.8	27.3	8.7	4.7	4.3	4.6	4.6	4.6	4.1	3.6	3.4	3.3	4.1	
A06-47	3.3	2.7	4.7	40.0	57.3	31.7	8.7	4.2	3.9	4.2	4.5	4.7	4.3	3.9	3.7	3.8	4.1	
AWARD	5.3	2.3	2.7	54.3	47.2	31.7	3.3	4.4	3.5	3.9	4.0	4.3	4.4	4.0	4.1	4.4	4.1	
A05-360	6.3	2.7	5.7	29.0	32.7	15.0	9.0	4.3	4.2	4.2	4.4	4.5	4.1	3.7	3.6	3.5	4.0	
CABERNET	4.3	2.2	1.7	49.3	57.3	56.0	8.0	3.8	3.7	3.9	4.3	4.5	4.3	3.9	4.1	4.0	4.0	
EMPIRE	5.0	3.8	4.0	42.3	49.8	36.0	8.0	3.7	4.0	3.9	4.5	4.5	4.5	3.8	3.7	3.3	4.0	
LUNAR (PST-07-261)	4.0	2.2	5.7	40.0	54.3	37.3	8.7	3.7	3.7	4.0	4.1	4.3	4.2	4.0	4.1	3.9	4.0	
ZEDOR (PPH 9131)	4.7	2.2	6.0	45.0	49.3	43.7	9.0	4.1	3.9	4.1	4.0	4.3	4.3	3.9	3.9	4.1	4.0	
A04-36	6.0	2.7	5.7	40.7	40.8	32.3	8.3	4.2	3.9	3.9	4.0	4.2	4.1	3.8	3.6	3.5	3.9	
PST-K9-97	6.0	2.3	3.3	38.0	55.3	29.7	9.0	3.7	3.7	3.9	4.4	4.4	4.3	3.5	3.6	3.5	3.9	
JACKRABBIT (PST-K10-106D)	5.7	2.7	5.7	52.0	36.5	28.3	8.7	4.9	4.2	4.5	4.0	3.6	3.5	3.6	3.3	3.5	3.8	
NU CHICAGO	5.0	2.3	6.0	47.7	41.3	26.3	6.3	4.3	3.7	3.7	4.1	4.0	3.9	3.8	3.9	3.6	3.8	
PST-T10-18	7.0	2.7	6.7	44.0	36.2	32.0	9.0	4.9	4.1	4.6	4.0	3.9	3.9	3.1	2.7	3.3	3.8	
RUBIX (4S2W)	5.7	2.8	3.7	36.3	48.7	46.7	6.7	3.8	3.9	3.9	3.9	4.0	4.1	3.7	3.7	3.6	3.8	
A04-38	8.0	3.7	6.0	15.3	15.0	7.0	8.7	4.4	4.3	4.7	4.1	3.8	3.3	2.9	3.1	3.2	3.7	
BARDUKE	6.5	3.0	5.0	40.7	35.2	33.0	4.0	4.3	3.8	3.7	3.8	3.7	3.6	3.5	3.4	3.5	3.7	
BARON	5.7	2.2	6.0	57.3	38.3	59.0	4.3	4.3	3.5	3.7	3.7	3.6	3.9	3.9	3.9	3.8	3.7	
BOLT (H99-1653)	4.3	4.3	6.7	45.7	37.7	25.3	9.0	4.8	4.6	4.7	4.1	3.5	3.3	2.7	2.8	2.8	3.7	

TABLE 23.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2012-2016 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	SEEDLING VIGOR	PERCENT GROUND COVER			MILDEW	MAR	APR	QUALITY RATINGS							MEAN
				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	SEP	OCT	NOV	
ZINGER (A05-306)	6.0	4.0	6.7	41.0	38.2	19.0	8.0	4.0	4.1	4.2	4.2	4.3	3.7	3.0	3.0	2.8	3.7
ARROWHEAD	5.3	3.2	4.0	20.7	28.0	13.0	7.7	3.7	3.7	3.8	3.9	3.8	3.7	3.4	3.1	3.2	3.6
ENDURANCE (PST-K4-7)	6.0	2.2	2.7	37.3	44.0	34.0	9.0	4.1	3.8	4.1	4.1	3.9	3.4	3.0	3.3	3.5	3.6
PST-K9-90	2.7	3.5	3.3	27.3	42.5	16.3	9.0	3.9	3.4	3.8	4.0	4.1	4.0	3.1	3.3	2.9	3.6
BLUE COAT (AKB 2282)	3.3	2.0	3.7	27.0	45.7	34.7	9.0	3.7	3.3	3.8	3.6	3.9	3.9	3.2	3.3	3.5	3.5
A98-363	5.0	2.3	4.3	26.0	36.5	18.0	9.0	3.9	3.7	3.6	3.9	3.8	3.4	2.8	3.0	3.3	3.4
SR 2150 (SRX 5321)	4.7	3.3	5.3	19.7	33.3	29.0	9.0	3.9	3.5	3.5	3.8	3.7	3.5	3.1	3.1	3.0	3.4
LEGEND (A10-1)	5.0	2.0	6.3	40.3	35.5	31.3	6.7	4.0	3.7	3.5	3.7	3.7	3.3	2.9	2.7	2.8	3.3
MERLOT (LTP-08-6)	6.0	2.7	4.3	31.7	39.0	18.7	9.0	3.6	3.3	3.5	3.7	3.8	3.5	3.1	2.6	2.8	3.3
PICK TD8	7.0	2.0	4.0	35.3	31.3	27.3	9.0	3.4	3.6	3.9	3.8	3.6	3.5	2.7	2.8	3.1	3.3
SRX 2758	7.3	2.8	5.0	19.3	31.0	16.0	8.7	3.8	3.3	3.9	3.7	3.8	3.5	2.6	2.7	3.0	3.3
WATERWORKS (A05-204)	5.7	2.2	4.3	23.3	47.5	32.3	9.0	3.6	3.3	3.7	3.5	3.7	3.5	3.1	3.0	3.4	3.3
BAR PP 110358	7.3	2.0	5.0	31.7	24.8	19.7	8.0	4.1	3.5	3.7	3.3	3.7	3.3	2.6	2.5	2.9	3.2
BAR PP 119326	6.7	3.3	2.3	31.3	18.0	24.0	4.3	3.9	3.3	3.3	3.5	3.5	3.1	3.0	2.9	3.5	3.2
BLUE NOTE	8.0	2.0	4.0	36.0	40.7	29.3	8.3	3.7	3.5	3.6	3.7	3.7	3.0	2.7	2.5	2.4	3.2
SHAMROCK	7.0	2.0	4.3	35.3	31.8	31.0	5.0	3.6	3.5	3.3	3.1	3.5	3.2	2.9	3.0	2.7	3.2
MIDNIGHT	6.0	2.7	5.0	31.7	32.7	29.0	3.3	3.4	3.1	3.2	3.3	3.2	3.0	2.8	3.1	3.1	3.1
RAD-1492	6.7	2.7	3.0	16.0	24.5	17.3	8.0	3.7	3.2	3.9	3.7	3.4	2.9	2.5	2.5	2.8	3.1
SKYE	5.0	1.7	5.7	31.0	22.0	21.7	7.0	4.2	3.1	3.1	3.3	3.2	3.0	2.7	2.7	2.8	3.1
A01-1106	4.0	1.2	5.0	29.7	47.3	31.3	8.7	3.6	3.0	3.4	3.5	3.3	2.9	2.3	2.7	2.8	3.0
A05-361	4.0	2.0	5.0	64.3	57.2	17.3	8.3	4.1	3.1	3.3	3.1	3.3	3.0	2.5	2.5	2.6	3.0
3733	4.7	2.7	3.3	43.7	35.0	27.7	7.7	3.6	2.9	3.1	3.5	3.1	2.9	2.7	2.5	2.8	2.9
AKB 2555	7.0	2.0	4.7	16.0	15.7	14.3	8.0	3.6	3.3	3.3	3.1	2.8	2.7	2.6	2.6	2.3	2.9
SRX 466	7.7	1.8	6.0	19.0	25.3	15.7	8.0	3.6	3.1	3.5	3.1	3.0	2.9	2.5	2.4	2.4	2.9
SUDDEN IMPACT	6.7	4.2	6.7	10.7	11.5	11.3	3.7	4.0	2.9	2.9	3.0	2.9	2.7	2.5	2.7	2.8	2.9
A05-329	4.0	2.0	3.3	15.0	28.2	9.3	6.3	3.0	2.7	3.1	3.1	3.2	2.7	2.3	2.3	2.4	2.7
PICK MP07	4.3	2.3	5.3	11.3	24.7	10.7	8.0	3.4	2.8	3.1	2.9	2.7	2.9	2.6	2.4	2.3	2.7
PICK TD9	7.0	3.2	3.3	21.0	17.8	15.7	9.0	3.4	3.3	3.2	2.7	2.5	2.6	2.2	2.3	2.5	2.7
BAR 12PP 612	3.3	1.7	6.3	5.7	15.7	6.7	9.0	3.6	3.1	3.7	2.9	2.5	2.2	1.9	2.1	2.1	2.6
J-1136	6.7	2.3	6.3	10.7	11.3	9.0	5.0	3.7	2.8	2.9	2.7	2.5	2.5	2.1	2.2	2.4	2.6
J-1770	4.0	2.0	6.3	38.0	23.5	13.7	6.0	4.3	2.7	2.7	2.6	2.5	2.5	2.2	2.5	2.7	2.6
PST-K4-3	4.3	1.5	5.3	21.3	35.3	15.0	9.0	3.8	2.7	3.1	2.9	2.9	2.6	2.1	2.1	2.4	2.6
J-1853	6.0	2.8	5.0	11.3	13.5	4.7	3.0	3.3	2.7	2.5	2.6	2.7	2.6	2.1	2.3	2.3	2.5
BLACKJACK	7.0	1.5	3.0	27.3	13.3	10.7	9.0	3.7	2.7	2.8	2.3	2.1	2.3	2.2	2.1	2.2	2.4
A00-4199	7.3	2.5	5.3	4.7	4.2	11.0	4.0	3.7	2.6	2.5	2.4	2.3	2.0	1.7	1.9	1.9	2.3
A06-26	6.0	1.7	4.3	12.7	14.2	3.0	9.0	3.3	2.9	2.7	2.5	2.1	2.1	1.7	1.7	2.0	2.3
RUSH	3.0	1.2	5.7	5.7	8.2	1.7	6.7	3.2	2.2	2.3	2.3	2.2	1.9	1.6	1.7	1.6	2.0
LSD VALUE	3.6	0.8	1.4	56.7	31.6	44.5	1.4	6.8	1.5	1.6	1.3	1.4	1.4	1.2	1.3	1.7	1.2
C.V. (%)	30.2	26.0	18.2	64.4	61.7	69.9	12.0	50.3	48.1	51.7	43.2	47.8	49.3	50.8	51.8	56.3	43.9

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

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

TABLE 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2013-2015 DATA

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
	SPRING DENSITY	FALL DENSITY	PERCENT WINTER KILL	STEM RUST	LEAF SPOT	FALL COLOR DECEMBER	POA ANNUA	POA COUNTS	WEAR TOLERANCE RATINGS 2014	MAY_2015	OCT_2015
RUBIX (4S2W)	7.5	8.0	60.0	5.3	4.3	6.3	6.0	6.7	8.0	7.0	7.0
BLUE NOTE	6.3	6.7	53.3	7.7	6.7	4.3	6.3	6.3	6.3	6.0	6.0
A06-47	6.2	7.0	40.0	5.0	4.3	4.0	6.7	8.3	5.2	4.3	5.0
SRX 4338	6.7	6.7	63.3	6.7	6.3	3.7	6.3	11.7	5.7	5.7	6.0
LEGEND (A10-1)	5.5	5.7	53.3	7.0	6.0	5.0	6.7	3.7	6.2	6.3	6.3
NU CHICAGO	5.7	5.3	70.0	8.0	7.3	5.3	6.3	3.0	6.0	4.7	6.0
PST-T10-18	6.5	6.7	53.3	8.0	7.3	4.7	6.0	3.7	5.8	5.0	5.0
ARAMINTHA (PP 10847)	7.0	7.3	73.3	7.0	6.0	2.3	7.7	3.3	5.8	5.3	5.7
BAR PP 110358	5.8	5.7	46.7	8.0	6.0	5.0	5.7	3.7	5.3	4.7	4.7
BARVETTE HGT (BAR VV 0709)	6.3	6.7	63.3	8.0	4.7	4.3	7.3	5.7	6.3	6.0	6.0
J-1770	5.3	5.0	63.3	8.7	6.0	4.3	6.3	4.7	6.0	6.7	6.3
A00-4199	6.0	6.3	56.7	4.7	6.3	2.3	6.7	6.3	6.0	5.7	5.7
BARON	5.7	6.0	46.7	7.3	6.3	4.0	6.0	6.0	5.8	6.0	5.7
BOLT (H99-1653)	6.0	6.3	63.3	8.7	7.0	5.0	7.0	2.0	6.7	5.0	5.7
J-1853	6.0	5.0	56.7	7.3	5.7	4.3	5.7	3.0	5.5	5.3	6.7
MIDNIGHT	5.3	5.0	73.3	8.3	6.3	5.0	7.0	6.7	6.2	5.3	6.3
PICK 4340	6.3	5.7	43.3	8.0	6.0	3.3	6.7	13.0	6.0	5.3	6.3
J-1136	5.7	5.3	50.0	8.3	6.7	5.7	5.3	7.7	6.3	6.0	6.7
KEENELAND (A04-342)	6.0	5.7	60.0	7.7	6.0	3.7	5.3	25.0	5.7	6.3	7.3
SKYE	5.7	6.0	46.7	7.0	6.0	4.7	5.3	4.7	5.3	5.7	6.7
A01-1106	5.5	5.0	60.0	4.7	5.7	5.3	6.3	6.3	6.2	5.7	5.3
A06-46	5.8	6.3	73.3	7.0	5.0	4.3	6.0	8.3	5.5	5.3	6.0
AMERICA	5.5	5.3	70.0	6.7	5.3	3.3	6.3	14.0	5.3	5.0	5.3
ARROWHEAD	5.8	5.3	40.0	4.3	4.7	6.0	5.3	10.3	5.8	6.7	6.3
EMPIRE	5.2	5.0	60.0	5.7	6.3	4.0	6.3	7.0	6.3	5.3	6.0
ENDURANCE (PST-K4-7)	5.8	6.3	43.3	6.3	5.7	4.0	4.7	17.0	5.8	5.7	6.0
MAZAMA (A04-74)	5.2	4.7	56.7	7.0	5.3	5.3	5.3	12.3	6.2	5.3	5.0
SRX 2758	5.8	6.0	56.7	7.0	6.0	4.0	6.7	10.7	5.0	4.7	5.7
SUDDEN IMPACT	5.5	4.7	60.0	7.7	7.3	5.3	4.7	13.0	6.0	5.3	6.3
A06-26	4.8	6.3	46.7	6.3	5.7	4.0	5.3	9.3	5.3	5.0	5.0
BLUEBANK (A03-1017)	5.0	4.7	76.7	7.0	6.0	4.3	5.7	8.3	5.7	5.3	5.3
DAUNTLESS (A05-315)	5.3	6.0	40.0	5.7	4.7	5.0	5.3	5.7	6.2	6.3	5.3
MERLOT (LTP-08-6)	5.2	5.7	63.3	7.0	4.7	4.7	5.3	13.0	5.8	6.3	5.3
RAD-1492	6.0	6.3	50.0	7.3	6.3	4.0	6.3	7.3	4.3	4.0	3.7
A00-2882	4.8	5.0	56.7	4.7	5.3	5.7	5.3	8.3	5.5	5.3	5.0
A04-38	5.3	5.0	43.3	6.0	5.7	5.0	6.3	2.7	5.8	6.3	5.7
A05-360	5.5	6.0	43.3	6.7	5.3	3.7	5.3	4.7	5.8	5.3	6.0
AVID	4.5	5.0	50.0	7.7	7.0	4.7	6.7	9.0	5.8	4.7	4.7
BAR VV 112916	5.3	6.0	23.3	5.3	4.3	6.0	6.0	15.3	6.5	5.7	6.7
PST-K4-3	5.5	6.0	60.0	3.0	4.7	6.0	4.7	5.7	6.0	5.3	5.3
PST-K9-97	5.7	5.7	66.7	4.3	6.3	5.3	4.7	22.7	6.2	5.7	6.3
RAD-849	5.5	4.7	40.0	8.0	6.3	5.7	5.7	5.3	5.2	5.3	6.0
SR 2150 (SRX 5321)	5.8	5.3	43.3	7.0	5.0	4.0	5.0	13.0	6.5	5.3	5.0
ZEDOR (PPH 9131)	5.3	6.0	60.0	5.7	5.0	3.0	7.3	2.0	5.3	4.0	4.0
BAR VV 118532	5.2	5.0	46.7	8.0	6.0	4.7	6.3	7.3	5.2	5.3	5.3

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2013-2015 DATA

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

NAME	SPRING DENSITY	FALL DENSITY	PERCENT WINTER KILL	STEM RUST	LEAF SPOT	FALL COLOR DECEMBER	POA ANNUA	POA COUNTS	WEAR TOLERANCE RATINGS		
									2014	MAY_2015	OCT_2015
BURL 06-11	5.2	5.3	56.7	7.0	4.3	4.0	5.3	10.7	5.0	5.0	5.7
BURL 3-51	4.7	4.7	50.0	6.0	7.0	4.7	5.0	6.7	5.2	4.3	6.0
GEISHA (DPPP818)	5.0	5.7	53.3	6.3	5.3	4.0	5.7	10.3	4.5	5.3	4.7
PST-K9-99	4.7	5.0	33.3	7.0	6.0	4.0	6.3	12.7	5.2	4.3	4.3
BAR PP 119326	4.8	6.0	53.3	6.3	6.0	2.7	5.7	0.0	5.2	4.7	4.3
BAR PP 119327	6.2	5.3	43.3	7.3	7.0	3.3	6.0	8.3	5.8	4.3	4.0
PICK MP07	5.5	6.0	36.7	6.3	4.0	3.7	5.3	3.0	5.3	5.0	4.7
PICK TD8	5.0	5.7	43.3	8.0	5.0	5.0	5.7	10.3	5.0	4.3	4.0
PST-K9-90	5.7	6.0	50.0	6.7	4.7	3.7	4.7	13.7	5.5	5.7	5.7
RUSH	5.3	5.0	50.0	7.3	4.7	5.7	5.0	23.3	5.5	5.3	5.0
THERMAL BLUE	5.0	6.0	50.0	5.7	6.0	2.7	6.0	3.0	5.0	5.0	5.7
A04-36	5.2	5.3	36.7	7.3	6.3	4.7	6.0	3.0	5.2	4.7	4.3
AWARD	5.0	5.0	50.0	8.0	6.3	4.3	4.7	14.0	5.5	5.3	5.7
BARDUKE	5.3	6.0	46.7	7.0	5.3	3.3	6.7	7.0	5.0	5.0	4.3
PICK 033	5.2	5.0	50.0	7.0	4.7	4.7	4.3	11.7	5.2	5.0	5.0
SRX 466	4.8	4.7	50.0	5.7	5.3	4.0	6.0	9.7	4.5	5.7	5.0
A05-999	4.7	6.3	43.3	3.3	4.3	5.0	4.3	15.3	4.8	4.3	4.0
RAD-507	4.8	4.7	53.3	7.3	5.3	4.0	5.3	16.0	5.0	5.3	5.0
WATERWORKS (A05-204)	3.8	4.3	50.0	7.7	6.0	4.3	4.7	9.7	5.2	5.0	5.0
A98-363	4.8	5.3	53.3	6.7	5.0	3.7	4.3	13.7	4.8	4.7	5.0
BAR 8PP 504	4.7	5.0	50.0	6.7	5.7	2.3	5.3	11.7	4.8	4.0	4.0
CABERNET	5.0	5.0	60.0	5.0	5.0	3.7	5.0	28.3	4.7	4.0	4.0
BAR 12PP 612	4.3	4.0	46.7	8.0	5.0	4.3	4.7	14.3	4.8	4.7	4.3
ZINGER (A05-306)	4.7	4.7	46.7	6.0	4.7	4.7	4.3	8.3	4.3	4.7	4.0
A05-361	4.5	4.7	56.7	8.7	4.7	4.3	3.7	15.0	4.7	3.7	4.3
LUNAR (PST-07-261)	4.3	5.0	46.7	4.3	3.3	5.7	4.7	22.0	4.7	4.7	4.3
JACKRABBIT (PST-K10-106D)	3.7	4.7	33.3	4.0	4.7	5.0	3.3	11.3	4.8	4.7	4.7
OASIS (A98-344)	4.0	4.3	46.7	6.7	6.0	4.0	4.3	17.3	4.3	5.0	5.3
A05-329	3.5	4.0	43.3	5.0	5.0	4.7	3.7	28.3	4.3	4.0	4.7
3733	3.5	3.7	46.7	5.3	4.0	4.0	3.3	40.7	4.7	5.3	5.0
KENBLUE	3.7	6.0	56.7	4.7	2.0	3.3	4.7	12.0	4.5	4.3	4.0
SHAMROCK	4.0	4.0	43.3	6.3	5.0	5.3	3.7	16.7	4.2	5.0	4.3
A05-TB-382	3.5	3.7	63.3	8.3	5.0	4.3	4.3	18.3	4.3	4.3	4.0
AKB 2555	3.7	4.7	50.0	5.0	3.3	3.7	3.7	29.0	4.3	5.3	5.0
PICK TD9	4.3	4.0	46.7	5.7	3.3	4.3	3.3	31.0	4.2	4.3	4.3
BLUE COAT (AKB 2282)	4.3	4.0	46.7	8.3	5.0	5.3	3.3	32.0	4.3	4.7	4.0
BLACKJACK	3.8	3.7	60.0	6.7	3.3	4.3	3.7	27.3	4.0	4.3	4.7
LSD VALUE	0.7	1.0	14.9	1.0	1.8	1.1	1.2	8.9	0.9	1.1	1.0
C.V. (%)	12.8	11.4	17.2	10.3	18.6	15.3	13.8	50.0	14.3	12.6	12.5

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

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

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2013-2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS									MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
RUBIX (4S2W)	5.2	6.0	7.3	7.0	6.4	6.6	6.4	6.2	6.2	5.7	5.6	5.7	6.2
BLUE NOTE	5.6	5.5	6.6	5.8	6.6	6.3	6.3	6.0	6.3	6.1	5.3	4.3	6.0
A06-47	5.8	6.2	6.8	5.7	6.2	6.7	6.3	6.1	6.1	5.2	4.9	5.0	5.9
SRX 4338	6.1	3.7	6.4	5.5	6.2	6.7	6.1	6.3	6.1	5.7	5.1	4.0	5.9
LEGEND (A10-1)	7.1	4.8	5.4	4.5	6.3	6.2	5.8	5.8	6.1	6.0	5.4	4.7	5.8
NU CHICAGO	7.3	3.3	5.4	5.0	6.4	6.2	5.3	5.9	5.9	5.9	5.7	5.0	5.8
PST-T10-18	5.8	5.3	6.3	6.7	6.3	6.3	5.6	5.4	5.6	5.8	5.2	4.7	5.8
ARAMINTHA (PP 10847)	5.2	3.2	6.9	5.8	6.4	6.3	6.3	6.0	5.8	5.2	4.4	3.3	5.7
BAR PP 110358	5.6	5.5	5.6	6.0	6.2	5.6	5.4	5.9	5.8	5.7	5.4	5.0	5.7
BARVETTE HGT (BAR VV 0709)	4.9	4.5	7.0	6.0	5.7	5.6	5.8	5.8	6.2	5.7	5.2	4.7	5.7
J-1770	7.0	3.5	5.6	5.3	6.2	5.8	5.0	5.8	6.1	6.0	5.3	4.7	5.7
A00-4199	5.7	4.3	6.0	5.0	5.8	6.2	5.9	5.9	6.0	5.3	4.6	3.7	5.6
BARON	5.8	5.0	5.8	5.0	5.9	6.2	5.7	5.7	5.6	5.6	4.9	4.7	5.6
BOLT (H99-1653)	6.0	4.7	6.3	6.2	6.0	6.1	6.0	5.3	5.6	5.3	5.2	5.0	5.6
J-1853	7.0	4.5	5.7	5.3	6.1	6.0	5.2	5.6	5.8	5.6	5.3	4.7	5.6
MIDNIGHT	7.0	3.2	5.4	5.3	6.2	5.8	4.8	5.2	6.0	5.7	5.4	4.7	5.6
PICK 4340	6.2	4.8	5.9	5.2	6.4	5.9	5.3	6.0	6.0	5.2	4.9	4.0	5.6
J-1136	6.8	5.0	5.6	5.7	6.3	5.7	4.8	5.2	5.9	5.7	5.4	5.0	5.5
KEENELAND (A04-342)	6.4	4.0	5.9	5.3	5.6	5.9	5.7	5.9	5.7	5.2	5.0	4.3	5.5
SKYE	5.8	5.3	6.0	5.5	5.9	5.4	5.4	5.9	5.7	5.2	5.1	4.3	5.5
A01-1106	6.6	5.2	5.3	5.5	5.4	5.4	5.1	5.3	5.7	5.6	5.6	5.0	5.4
A06-46	6.0	4.3	6.1	5.2	5.1	5.2	5.8	5.8	5.9	5.3	4.9	4.7	5.4
AMERICA	5.7	4.0	5.7	4.7	5.3	5.8	5.4	5.6	5.8	5.4	4.9	4.0	5.4
ARROWHEAD	6.8	6.5	5.7	5.8	5.8	5.6	5.3	5.6	5.6	4.9	5.0	5.0	5.4
EMPIRE	6.3	4.5	4.8	4.8	5.9	5.9	5.1	5.6	5.8	5.4	5.0	4.3	5.4
ENDURANCE (PST-K4-7)	6.0	5.0	6.0	5.3	5.7	5.3	5.3	5.9	5.8	5.3	4.8	4.0	5.4
MAZAMA (A04-74)	7.7	4.7	5.3	5.0	5.8	5.8	5.1	5.3	5.7	5.3	5.2	5.0	5.4
SRX 2758	6.7	4.8	5.9	5.3	5.9	5.7	5.8	5.8	5.4	5.2	4.8	4.3	5.4
SUDDEN IMPACT	7.0	4.0	5.7	5.3	6.1	5.8	4.8	5.1	5.8	5.2	5.4	4.7	5.4
A06-26	6.1	5.0	5.8	5.0	6.2	5.7	5.1	5.3	5.4	5.0	4.6	4.3	5.3
BLUEBANK (A03-1017)	7.4	3.0	5.4	4.7	5.8	5.4	4.8	5.4	5.6	5.3	5.4	4.3	5.3
DAUNTLESS (A05-315)	5.2	5.8	6.2	5.5	5.8	5.1	4.9	5.2	5.4	5.3	5.1	5.0	5.3
MERLOT (LTP-08-6)	6.9	4.3	5.9	5.0	5.8	5.4	5.3	5.4	5.6	5.3	5.0	4.7	5.3
RAD-1492	7.8	4.5	6.8	6.0	6.7	5.9	5.3	5.2	4.8	4.7	4.6	3.7	5.3
A00-2882	7.1	5.3	4.9	5.3	5.1	5.2	5.2	5.2	5.4	5.1	5.1	4.7	5.2
A04-38	5.8	5.8	5.9	5.0	6.1	5.0	4.7	5.1	5.7	5.3	5.2	4.3	5.2
A05-360	5.6	5.8	6.2	5.8	5.7	5.3	5.4	5.3	5.2	5.0	4.7	4.0	5.2
AVID	6.6	4.7	5.0	5.0	6.1	5.9	4.9	5.0	5.4	4.9	4.8	4.3	5.2
BAR VV 112916	5.4	7.3	7.2	5.2	4.4	4.9	5.0	5.6	5.7	5.4	5.1	5.0	5.2
PST-K4-3	6.7	5.8	5.8	5.8	5.6	5.6	4.8	5.0	5.3	4.9	5.0	5.3	5.2
PST-K9-97	8.2	5.7	5.6	5.7	5.3	5.7	4.7	5.0	5.3	5.0	5.1	4.7	5.2
RAD-849	7.2	5.7	5.8	5.7	5.7	5.4	4.9	5.3	5.2	4.9	4.7	4.7	5.2
SR 2150 (SRX 5321)	5.1	6.5	6.2	6.0	6.1	5.6	4.9	4.9	5.1	5.1	5.0	4.3	5.2
ZEDOR (PPH 9131)	5.7	4.2	5.9	5.2	5.4	5.7	5.2	5.1	5.6	5.3	4.8	3.3	5.2
BAR VV 118532	5.9	5.2	5.4	5.2	5.4	4.9	4.9	4.9	5.1	5.2	5.0	4.7	5.1

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2013-2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	APR	MAY	JUN	JUL	QUALITY RATINGS					MEAN
								AUG	SEP	OCT	NOV	DEC	
BURL 06-11	5.7	5.2	5.4	5.3	5.1	5.3	5.1	5.2	5.3	5.0	4.4	4.0	5.1
BURL 3-51	7.4	4.5	5.3	5.3	5.7	5.4	4.8	5.1	5.1	5.1	4.8	5.0	5.1
GEISHA (DPPP818)	5.3	5.2	5.2	5.5	5.8	5.4	4.9	4.9	5.1	5.0	4.4	4.0	5.1
PST-K9-99	5.2	5.3	5.6	4.8	5.9	5.6	4.9	4.7	5.2	5.1	4.8	4.7	5.1
BAR PP 119326	5.3	4.3	5.6	5.3	5.1	5.2	5.3	5.4	5.7	4.9	4.0	3.0	5.0
BAR PP 119327	5.4	5.0	5.6	5.0	6.2	5.9	5.1	4.2	5.1	4.8	4.2	4.3	5.0
PICK MP07	4.7	6.0	6.1	5.5	4.9	5.3	5.3	4.9	5.4	4.8	4.3	4.0	5.0
PICK TD8	6.4	5.7	5.8	5.0	5.7	5.6	4.9	4.8	4.9	5.0	4.8	4.7	5.0
PST-K9-90	6.9	4.8	6.0	4.8	5.2	5.4	4.9	4.9	5.2	4.9	4.4	4.0	5.0
RUSH	7.2	5.3	5.1	5.2	5.7	5.2	4.6	4.9	4.9	4.6	4.9	5.0	5.0
THERMAL BLUE	5.2	4.2	5.4	5.0	5.2	5.8	5.3	5.2	5.2	4.6	4.0	3.0	5.0
A04-36	5.3	5.5	6.1	5.2	5.7	5.0	4.4	4.6	5.2	4.9	4.4	4.3	4.9
AWARD	7.2	4.5	5.3	4.7	5.4	5.1	4.4	4.9	5.3	5.0	4.7	4.0	4.9
BARDUKE	5.1	4.7	5.7	4.8	5.3	5.4	5.2	5.0	5.0	4.8	4.2	3.3	4.9
PICK 033	6.2	5.3	5.7	5.3	5.3	5.2	5.0	4.9	4.7	4.7	4.3	4.3	4.9
SRX 466	6.3	5.2	5.2	4.8	5.3	5.0	5.0	5.0	4.9	4.9	4.7	4.3	4.9
A05-999	5.9	6.2	6.1	5.2	5.0	4.9	4.8	4.3	5.0	4.6	4.7	4.7	4.8
RAD-507	6.2	4.7	5.6	4.5	5.0	4.8	4.8	4.8	5.0	4.7	4.6	4.0	4.7
WATERWORKS (A05-204)	7.0	5.0	4.4	4.5	4.6	4.7	4.6	4.8	5.0	4.6	4.6	4.7	4.7
A98-363	6.2	5.0	5.6	4.7	4.8	4.9	4.7	4.8	4.9	4.4	4.2	4.0	4.6
BAR 8PP 504	5.2	4.7	5.4	4.8	5.3	5.1	4.4	4.1	4.9	4.7	4.0	3.7	4.6
CABERNET	5.7	4.5	5.9	4.7	4.9	4.9	5.0	4.7	4.9	4.3	3.8	4.0	4.6
BAR 12PP 612	6.2	5.3	4.9	4.8	4.6	4.2	4.1	4.1	4.7	4.4	4.3	3.7	4.4
ZINGER (A05-306)	6.0	5.5	5.6	4.7	5.0	4.3	3.9	4.1	4.4	4.3	4.3	4.3	4.4
A05-361	5.4	5.8	5.8	5.3	4.9	4.6	4.1	3.7	4.4	4.3	4.1	3.3	4.3
LUNAR (PST-07-261)	7.6	5.7	5.8	4.2	4.1	4.4	4.0	4.4	4.6	4.1	4.2	4.3	4.3
JACKRABBIT (PST-K10-106D)	7.0	6.8	5.4	5.0	4.6	4.6	4.2	4.0	4.3	3.8	4.0	4.0	4.2
OASIS (A98-344)	6.9	5.0	4.4	4.0	4.4	4.4	4.1	4.3	4.4	4.1	4.1	3.7	4.2
A05-329	6.8	5.8	4.6	4.2	4.1	4.2	3.8	3.9	4.1	4.2	4.4	3.7	4.1
3733	6.8	5.5	4.3	4.3	4.1	4.2	3.8	3.9	4.2	3.9	4.0	3.3	4.0
KENBLUE	4.8	5.0	6.8	4.0	3.7	4.2	4.2	4.1	4.6	3.9	3.6	3.0	4.0
SHAMROCK	6.2	6.2	5.1	4.7	4.2	4.2	3.7	3.8	4.0	4.0	4.1	4.0	4.0
A05-TB-382	6.3	5.2	5.1	5.0	4.2	3.7	3.1	3.7	4.2	4.0	4.1	3.7	3.9
AKB 2555	6.3	4.8	5.2	4.3	3.9	4.3	3.8	4.0	4.0	3.7	3.8	3.0	3.9
PICK TD9	6.3	5.5	5.3	4.0	3.9	3.7	3.7	4.2	4.4	3.7	3.4	3.7	3.9
BLUE COAT (AKB 2282)	6.8	6.3	5.8	4.7	4.4	4.3	2.9	3.1	3.8	3.9	3.8	3.7	3.8
BLACKJACK	6.7	5.0	5.9	4.2	3.7	3.6	3.2	3.3	4.0	3.9	3.8	3.3	3.7
LSD VALUE	0.5	1.3	0.4	1.3	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.9	0.4
C.V. (%)	10.0	21.6	9.1	18.7	13.9	13.1	12.7	14.8	13.7	13.8	15.1	12.6	9.2

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

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

TABLE 25.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/
2013-2015 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER RATINGS					QUALITY RATINGS							
		SUMMER	FALL	OCTOBER	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BLUE COAT (AKB 2282)	5.5	99	91.7	92.5	95.0	6.0	6.9	7.9	7.3	7.0	6.1	5.3	3.7	6.5
BOLT (H99-1653)	6.0	99	96.3	99.0	99.0	6.0	7.1	7.7	7.3	7.0	6.3	5.4	2.7	6.5
AMERICA	5.5	99	90.0	92.5	94.5	5.3	6.9	7.8	7.4	6.8	6.0	5.3	3.3	6.4
AVID	5.5	99	93.0	94.5	92.5	5.3	6.3	7.0	7.5	7.3	6.3	5.6	3.3	6.4
BLUE NOTE	7.0	99	93.3	65.0	75.0	5.3	6.7	7.4	7.6	7.1	6.1	5.3	3.0	6.4
SKYE	6.5	99	95.0	85.0	92.5	5.0	6.9	7.6	7.5	7.1	5.9	5.0	2.0	6.4
SR 2150 (SRX 5321)	5.3	99	88.3	96.3	96.3	5.0	6.8	7.3	7.4	7.0	5.8	5.3	3.7	6.4
A06-46	5.0	99	97.7	99.0	99.0	5.7	5.6	6.7	7.4	7.4	6.6	5.7	2.7	6.3
BAR PP 119327	6.0	99	93.0	97.0	97.0	5.7	6.3	6.9	7.2	7.0	6.0	5.4	2.3	6.3
ENDURANCE (PST-K4-7)	5.7	99	90.0	93.3	93.3	5.0	6.3	7.2	7.4	7.1	5.8	5.3	3.3	6.3
PICK 033	.	99	93.3	.	.	5.3	6.0	7.3	7.2	7.3	6.5	5.7	3.0	6.3
ZEDOR (PPH 9131)	6.0	99	91.7	92.5	90.0	5.7	6.5	7.1	7.4	7.0	6.0	5.3	2.7	6.3
A06-47	5.0	99	86.7	92.5	92.5	5.3	6.3	7.5	7.3	6.9	5.9	4.8	3.3	6.2
BAR 8PP 504	6.5	99	93.3	85.0	82.5	5.3	6.5	7.5	7.5	7.0	5.4	5.0	3.0	6.2
BARVETTE HGT (BAR VV 0709)	5.0	99	96.3	85.0	90.0	4.3	6.4	7.3	6.9	7.0	5.9	5.6	2.3	6.2
DAUNTLESS (A05-315)	5.0	99	91.7	85.0	95.0	5.0	6.1	7.4	7.3	7.1	6.0	5.3	3.0	6.2
EMPIRE	6.0	99	91.7	90.0	90.0	5.3	6.0	7.0	7.3	7.1	6.1	5.3	3.3	6.2
LUNAR (PST-07-261)	6.0	99	90.0	95.0	95.0	4.7	6.1	7.1	7.1	7.1	6.3	5.3	3.3	6.2
MIDNIGHT	6.0	99	96.3	90.0	90.0	5.3	5.9	6.9	6.6	7.4	6.4	5.4	3.0	6.2
OASIS (A98-344)	5.3	99	95.0	88.3	91.7	5.0	6.3	7.4	7.0	7.1	5.8	5.0	2.3	6.2
PST-K9-99	6.0	99	91.3	90.0	95.0	5.0	6.1	7.1	7.6	7.1	6.4	4.9	2.3	6.2
PST-T10-18	4.7	99	96.3	93.3	94.7	5.0	6.7	7.6	7.2	7.0	5.7	4.7	2.7	6.2
WATERWORKS (A05-204)	5.0	99	86.7	95.0	95.0	5.3	6.1	7.3	7.1	7.1	6.1	5.4	3.0	6.2
A05-360	7.0	99	91.7	85.0	94.5	4.3	6.3	7.0	7.0	7.0	6.0	5.4	3.0	6.1
A05-TB-382	6.0	99	93.3	80.0	90.0	5.7	6.4	7.1	7.0	6.6	5.8	5.1	3.7	6.1
AKB 2555	6.0	99	88.3	92.5	95.0	5.7	6.3	7.1	7.4	6.8	5.9	5.1	1.7	6.1
BAR VV 118532	6.0	99	95.0	75.0	83.3	5.3	6.7	7.3	7.2	6.7	5.3	4.6	3.0	6.1
MAZAMA (A04-74)	5.5	99	90.0	92.5	92.5	5.3	5.9	7.0	6.9	7.1	5.8	5.1	3.3	6.1
PICK 4340	5.0	99	93.3	93.0	96.3	5.0	6.1	6.8	7.1	6.8	6.2	5.2	3.0	6.1
PICK MP07	6.0	99	93.3	90.0	90.0	5.0	6.3	7.1	7.3	7.0	5.6	5.0	2.3	6.1
PICK TD9	5.0	99	88.3	99.0	99.0	5.0	6.1	7.1	6.9	6.7	6.1	5.3	3.3	6.1
PST-K9-90	6.0	99	93.3	94.5	97.0	5.3	6.3	7.3	7.1	6.8	5.8	4.9	3.0	6.1
SHAMROCK	5.5	99	81.7	87.5	92.5	5.3	6.4	7.3	7.0	6.8	5.8	4.9	3.3	6.1
ZINGER (A05-306)	6.3	99	81.7	93.3	90.0	5.0	6.7	7.3	7.4	6.8	5.2	4.6	3.3	6.1
A01-1106	5.3	99	80.0	85.0	86.7	5.7	6.0	7.3	7.0	6.6	5.7	4.7	3.3	6.0
A05-999	5.0	99	90.0	90.0	90.0	5.3	6.1	7.1	7.0	6.9	5.6	4.9	2.7	6.0
A98-363	7.0	99	95.0	80.0	85.0	5.7	5.9	7.2	6.9	6.7	5.7	5.1	4.0	6.0
AWARD	6.0	99	93.3	95.0	95.0	5.3	5.9	7.1	6.9	6.7	5.7	5.3	3.0	6.0
BAR VV 112916	6.5	99	95.0	67.5	75.0	5.0	6.1	7.6	7.3	6.8	5.4	5.0	2.3	6.0
BARDUKE	6.0	99	91.3	95.0	99.0	4.7	5.1	6.7	6.9	7.1	6.1	5.7	3.3	6.0
BLUEBANK (A03-1017)	6.5	99	88.3	67.5	82.5	5.0	5.9	7.0	7.4	6.9	5.6	4.8	3.0	6.0
BURL 06-11	5.0	99	96.3	90.0	94.7	5.3	6.0	6.8	7.0	6.7	6.0	4.9	3.0	6.0
PST-K4-3	5.0	99	95.0	90.0	90.0	4.7	5.5	6.8	7.0	6.9	6.0	5.1	3.0	6.0
SRX 4338	5.3	99	93.3	94.7	96.3	4.7	5.9	6.9	7.0	6.8	5.8	5.1	2.7	6.0
SRX 466	6.0	99	85.0	99.0	99.0	4.7	6.0	7.3	7.1	7.1	6.0	5.0	2.3	6.0

TABLE 25.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/
2013-2015 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER RATINGS					QUALITY RATINGS							MEAN
		SUMMER	FALL	OCTOBER	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
SUDDEN IMPACT	5.0	99.0	91.7	85.0	82.5	5.0	6.1	6.9	6.6	7.0	5.8	5.3	3.3	6.0
3733	5.0	99.0	93.0	91.3	93.0	5.0	5.8	7.0	6.8	6.8	5.7	5.1	2.7	5.9
A05-361	5.0	99.0	90.0	85.0	85.0	5.0	6.3	7.1	7.1	6.9	5.6	4.9	2.3	5.9
ARAMINTHA (PP 10847)	.	99.0	93.3	.	.	4.7	5.7	6.8	6.8	7.0	6.2	5.3	1.7	5.9
BAR PP 110358	6.0	99.0	91.7	95.0	95.0	5.0	6.0	6.7	6.9	6.7	6.0	5.0	2.0	5.9
BARON	5.0	99.0	96.3	75.0	70.0	5.7	5.7	7.0	6.9	6.9	6.1	5.0	3.0	5.9
BURL 3-51	6.5	99.0	90.0	75.0	75.0	5.0	6.4	6.9	7.1	7.0	5.5	4.6	1.7	5.9
CABERNET	5.0	99.0	95.0	90.0	95.0	5.7	6.0	7.0	7.1	6.6	5.6	4.7	2.0	5.9
J-1770	5.0	99.0	93.0	85.0	85.0	5.0	5.6	6.7	6.9	7.0	6.0	5.1	2.3	5.9
KENBLUE	5.7	99.0	93.3	83.3	86.7	5.0	6.3	7.0	6.8	6.3	5.8	4.6	2.7	5.9
MERLOT (LTP-08-6)	6.0	99.0	91.7	80.0	90.0	4.3	6.2	7.0	7.0	6.8	5.6	5.4	3.3	5.9
PICK TD8	5.0	99.0	93.3	90.0	95.0	4.7	6.0	7.2	7.0	7.0	5.6	5.1	2.7	5.9
PST-K9-97	5.0	99.0	88.3	87.5	84.5	5.0	5.6	7.1	7.0	6.8	5.5	5.0	3.3	5.9
RAD-507	.	99.0	95.0	.	.	5.3	5.8	7.2	6.8	6.7	6.0	5.2	2.0	5.9
RUSH	5.0	99.0	91.7	94.5	95.0	4.0	5.6	7.0	7.3	7.4	5.6	5.1	2.3	5.9
A00-2882	6.5	99.0	85.0	92.5	92.5	5.3	5.8	6.8	6.8	6.4	5.8	5.1	2.7	5.8
A00-4199	6.0	99.0	76.7	90.0	95.0	5.3	5.7	7.3	7.1	6.4	5.4	4.7	2.0	5.8
A04-36	5.0	99.0	91.7	80.0	90.0	5.0	5.7	6.4	6.7	6.7	5.7	4.7	2.7	5.8
A05-329	6.0	99.0	86.7	90.0	95.0	5.7	6.0	6.9	7.0	6.3	5.4	4.9	3.3	5.8
ARROWHEAD	6.7	99.0	86.3	78.3	76.3	4.3	6.2	7.2	7.0	6.9	5.3	4.1	2.3	5.8
BAR PP 119326	5.5	99.0	86.7	90.0	90.0	5.0	6.3	7.3	7.1	6.0	4.9	4.6	3.0	5.8
J-1853	5.0	99.0	93.0	85.0	95.0	5.0	5.9	6.9	7.0	6.9	6.1	4.4	1.3	5.8
KEENELAND (A04-342)	.	99.0	96.3	.	.	4.7	5.3	6.5	6.7	6.8	6.2	5.3	3.3	5.8
NU CHICAGO	5.0	99.0	96.3	85.0	85.0	3.3	5.3	7.2	6.7	7.0	6.3	5.0	2.3	5.8
RAD-1492	7.0	99.0	91.7	92.5	90.0	5.3	5.9	6.6	7.1	7.0	5.4	4.8	2.0	5.8
RUBIX (4S2W)	.	99.0	93.3	.	.	4.7	5.2	6.7	6.3	7.0	6.2	5.3	3.0	5.8
A06-26	5.5	99.0	85.0	85.0	90.0	4.7	5.6	6.6	6.9	6.8	5.4	4.9	2.3	5.7
BLACKJACK	5.7	97.7	78.3	93.0	93.3	5.0	5.9	6.9	6.9	6.3	5.3	4.4	3.0	5.7
J-1136	6.0	99.0	93.0	99.0	99.0	4.0	5.2	6.5	6.4	6.8	5.6	5.3	4.0	5.7
LEGEND (A10-1)	7.0	99.0	85.0	90.0	95.0	4.3	5.9	6.8	6.7	7.3	5.7	4.4	1.7	5.7
RAD-849	7.0	99.0	90.0	90.0	90.0	4.7	5.3	7.0	6.9	7.2	5.7	4.6	2.0	5.7
BAR 12PP 612	6.0	99.0	85.0	90.0	92.5	4.7	5.6	6.6	6.9	6.6	5.6	4.8	2.0	5.6
SRX 2758	6.0	97.7	88.3	99.0	99.0	4.3	5.3	6.7	6.4	6.7	6.0	5.4	2.7	5.6
THERMAL BLUE	6.0	97.7	76.7	95.0	95.0	4.7	5.8	7.0	6.9	6.6	5.6	4.4	2.3	5.6
JACKRABBIT (PST-K10-106D)	5.5	99.0	68.3	92.0	95.0	4.7	6.0	7.0	6.6	5.9	5.1	4.4	2.7	5.5
GEISHA (DPPP818)	.	99.0	88.3	.	.	4.3	5.2	6.8	6.8	7.0	5.8	4.7	1.7	5.4
A04-38	6.0	99.0	91.3	95.0	95.0	4.0	5.3	6.8	6.5	6.3	5.3	4.7	2.0	5.2
LSD VALUE	2.8	1.9	9.9	66.0	57.0	2.7	4.8	2.8	2.6	1.6	3.3	4.7	2.7	1.2
C.V. (%)	12.1	0.4	6.1	11.9	10.0	15.6	22.2	12.6	11.5	10.8	17.3	23.2	32.7	9.9

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

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

TABLE 26. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/
 2012 DATA

NAME	PERCENT GREEN COVER IN NOVEMBER			% FULLNESS OF TURFGRASS CANOPY IN NOVEMBER		
	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES
BARVETTE HGT (BAR VV 0709)	72.7	57.0	52.0	97.7	71.7	70.0
ARAMINTHA (PP 10847)	66.7	51.7	45.3	83.3	60.0	53.3
BLUE COAT (AKB 2282)	69.3	62.3	37.7	70.0	71.7	50.0
J-1770	72.3	63.0	55.3	86.7	55.0	46.7
A05-999	62.7	49.0	27.3	85.0	53.3	45.0
BLUEBANK (A03-1017)	78.7	71.0	47.7	81.7	61.7	43.3
MIDNIGHT	78.0	60.7	45.0	73.3	51.7	43.3
NU CHICAGO	79.3	60.7	51.7	86.7	48.3	41.7
SR 2150 (SRX 5321)	69.7	57.3	41.7	65.0	45.0	40.0
AWARD	79.0	60.0	52.7	75.0	46.7	38.3
BAR 8PP 504	64.3	60.3	41.0	86.7	55.0	38.3
SRX 2758	74.0	57.0	42.0	75.0	51.7	38.3
A00-4199	61.3	49.3	31.7	90.0	50.0	36.7
A04-36	68.0	51.3	35.7	60.0	41.7	36.7
A04-38	70.3	46.0	39.7	81.3	43.3	36.7
J-1853	66.7	63.0	46.0	66.7	53.3	36.7
PST-T10-18	71.0	58.3	44.7	61.7	38.3	36.7
RUBIX (4S2W)	61.3	44.3	32.7	56.7	31.7	35.0
DAUNTLESS (A05-315)	72.3	58.3	43.3	78.3	48.3	35.0
BOLT (H99-1653)	77.0	56.0	41.7	83.3	40.0	35.0
PST-K9-99	54.3	47.3	35.3	58.3	43.3	35.0
ZINGER (A05-306)	66.7	55.0	39.7	85.0	45.0	33.3
J-1136	69.3	51.7	43.7	70.0	45.0	33.3
RAD-849	77.0	63.3	51.0	76.3	51.7	33.3
SHAMROCK	64.7	52.7	33.3	66.7	41.7	33.3
KEENELAND (A04-342)	80.3	60.0	42.7	68.3	43.3	31.7
GEISHA (DPPP 818)	65.7	52.7	36.0	68.3	41.7	31.7
PICK 4340	79.0	62.7	45.7	76.7	55.0	31.7
PICK TD8	73.0	60.3	44.0	56.7	43.3	31.7
SUDDEN IMPACT	68.7	48.0	38.7	71.7	43.3	31.7
A06-46	81.0	69.3	51.7	63.3	43.3	30.0
AMERICA	74.3	50.7	37.7	65.0	40.0	30.0
BAR PP 110358	81.0	67.3	34.0	89.7	61.7	30.0
BAR VV 118532	77.0	63.3	45.0	60.0	38.3	30.0
BLUE NOTE	73.7	56.3	36.3	78.3	43.3	30.0
LEGEND (A10-1)	78.3	53.3	46.0	60.0	31.7	28.3
SKYE	70.0	55.0	30.7	78.3	51.7	28.3
SRX 4338	75.0	58.3	42.7	70.0	55.0	28.3
A05-TB-382	84.7	60.7	49.7	76.7	40.0	26.7
BAR VV 112916	67.7	54.7	26.3	71.7	53.3	26.7
BARDUKE	62.0	52.0	35.7	70.0	40.0	26.7
BARON	67.0	43.0	32.7	78.3	36.7	26.7
BURL 3-51	77.0	63.7	43.0	55.0	41.7	26.7
CABERNET	76.7	53.3	42.3	71.7	45.0	26.7
RUSH	59.7	44.0	32.3	81.7	38.3	26.7
THERMAL BLUE	53.7	42.3	25.7	73.3	36.7	26.7
PICK 033	78.7	51.7	39.7	79.7	45.0	25.0

TABLE 26.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/
2012 DATA

NAME	PERCENT GREEN COVER IN NOVEMBER			% FULLNESS OF TURFGRASS CANOPY IN NOVEMBER		
	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES
A06-26	74.3	51.0	36.7	53.3	35.0	23.3
AKB 2555	63.0	41.0	30.0	55.0	33.3	23.3
BAR PP 119327	57.3	44.0	31.0	71.7	36.7	23.3
PICK MPO7	59.3	39.0	25.3	63.3	33.3	23.3
AVID	75.7	66.0	45.7	58.3	38.3	21.7
BLACKJACK	50.7	43.7	23.0	73.3	38.3	21.7
KENBLUE	61.7	47.7	28.0	75.0	38.3	21.7
ZEDOR (PPH 9131)	60.0	35.7	27.0	50.0	31.7	21.7
A05-360	67.3	43.0	34.7	60.0	36.7	20.0
MERLOT (LTP-08-6)	65.7	50.3	36.7	48.3	31.7	20.0
MAZAMA (A04-74)	70.3	58.7	38.3	45.0	36.7	18.3
A05-361	77.3	57.3	38.0	81.3	41.7	18.3
OASIS (A98-344)	72.7	51.7	35.7	46.7	31.7	18.3
BAR 12PP 612	51.7	42.3	28.0	58.3	31.7	18.3
BURL 06-11	75.0	58.0	35.3	46.7	28.3	18.3
EMPIRE	72.3	58.3	36.3	38.3	30.0	16.7
ENDURANCE (PST-K4-7)	51.7	32.3	26.7	41.7	25.0	16.7
WATERWORKS (A05-204)	61.0	51.7	36.7	38.3	33.3	15.0
BAR PP 119326	51.7	29.3	25.0	51.7	26.7	15.0
RAD-1492	73.0	56.0	36.7	65.0	36.7	15.0
RAD-507	66.0	53.3	36.3	40.0	35.0	15.0
SRX 466	66.0	54.0	31.0	55.0	40.0	15.0
A01-1106	68.7	41.0	23.7	85.0	35.0	13.3
A98-363	72.3	53.7	34.7	50.0	30.0	13.3
3733	67.7	46.7	34.3	46.7	21.7	11.7
ARROWHEAD	65.3	49.0	29.3	50.0	36.7	11.7
PICK TD9	67.0	44.7	29.0	50.0	33.3	11.7
JACKRABBIT (PST-K10-106D)	50.3	44.0	23.0	75.0	33.3	11.7
A00-2882	59.7	40.3	26.0	63.3	36.7	10.0
A06-47	46.0	31.7	18.7	30.0	21.7	8.3
PST-K9-97	52.0	25.7	17.3	60.0	15.0	8.3
LUNAR (PST-07-261)	63.3	37.0	19.0	58.3	31.7	6.7
A05-329	53.3	26.0	20.7	36.7	6.7	5.0
PST-K4-3	40.0	24.3	20.7	36.7	8.3	5.0
PST-K9-90	37.7	21.0	14.7	55.0	11.7	5.0
LSD VALUE	11.8	14.4	8.6	22.5	13.7	12.9
C.V. (%)	11.0	17.3	15.7	20.5	21.8	31.3

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

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

TABLE 26.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	DOLLAR SPOT RATINGS (JUNE)			UNIFORMITY BEFORE TRAFFIC (APRIL)			% FULLNESS OF CANOPY BEFORE TRAFFIC (APR)		
	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC
Barvette HGT (BAR VV 0709)	6.7	7.0	7.3	9.0	8.3	8.0	68.3	60.0	63.3
MIDNIGHT	8.3	8.3	8.7	7.0	5.0	4.0	23.3	21.7	16.7
NU CHICAGO	7.7	8.3	8.0	8.3	5.0	5.3	30.0	21.7	20.0
RUBIX (4S2W)	6.3	7.7	8.0	7.3	6.0	4.7	41.7	31.7	31.7
J-1770	7.7	8.3	8.3	8.3	5.3	4.7	25.0	23.3	16.7
JACKRABBIT (PST-K10-106D)	6.3	8.3	8.7	8.3	6.0	5.7	46.7	36.7	33.3
ARROWHEAD	6.7	7.3	8.0	7.0	5.7	5.7	23.3	26.7	20.0
BLUEBANK (A03-1017)	7.7	8.3	8.7	8.3	5.7	6.0	21.7	25.0	16.7
BLUE NOTE	8.0	8.3	9.0	8.0	5.0	5.0	30.0	23.3	25.0
J-1853	8.0	9.0	8.3	7.3	4.7	4.3	21.7	20.0	16.7
SRX 2758	6.7	8.0	8.0	8.0	5.7	5.0	35.0	33.3	33.3
PST-K9-90	7.7	8.3	9.0	7.3	3.3	2.7	35.0	13.3	13.3
A01-1106	8.0	8.0	8.7	9.0	6.7	5.0	46.7	33.3	30.0
BAR PP 110358	7.7	8.0	8.3	9.0	7.3	6.3	53.3	48.3	38.3
ARAMINTHA (PP 10847)	5.0	6.3	6.3	8.3	5.0	5.3	28.3	23.3	23.3
J-1136	7.3	8.7	8.7	7.0	4.0	5.3	21.7	15.0	13.3
CABERNET	6.3	8.3	7.3	7.7	6.0	5.3	33.3	33.3	31.7
A06-46	8.3	8.3	8.7	8.3	6.3	5.3	30.0	28.3	30.0
AWARD	7.3	7.7	7.7	7.7	3.7	5.0	30.0	20.0	20.0
PST-K9-99	3.0	7.0	6.0	6.3	4.3	4.3	26.7	21.7	21.7
MAZAMA (A04-74)	8.7	9.0	8.7	6.7	4.7	3.7	18.3	18.3	16.7
BAR VV 118532	6.7	7.3	7.7	7.3	5.7	5.0	35.0	31.7	31.7
SUDDEN IMPACT	7.3	8.0	8.7	7.0	4.3	4.0	21.7	18.3	11.7
A05-360	7.0	8.0	8.3	7.3	6.0	5.0	38.3	36.7	31.7
SR 2150 (SRX 5321)	8.7	8.3	8.7	8.0	6.0	5.7	31.7	33.3	28.3
BAR PP 119326	3.3	5.3	6.0	7.3	4.7	4.3	31.7	28.3	30.0
SRX 466	8.0	8.3	8.7	7.3	6.0	5.0	38.3	33.3	30.0
A00-4199	4.0	6.7	7.3	8.3	5.0	4.7	31.7	25.0	21.7
THERMAL BLUE	3.7	6.0	7.7	7.7	5.3	5.3	40.0	30.0	28.3
BURL 3-51	8.3	8.7	9.0	6.3	4.7	3.7	25.0	25.0	21.7
A00-2882	8.0	9.0	9.0	7.0	5.7	4.3	28.3	30.0	21.7
A98-363	7.7	9.0	8.7	6.7	4.7	5.0	30.0	23.3	23.3
AMERICA	7.3	8.3	8.0	7.3	5.3	5.3	31.7	26.7	26.7
ENDURANCE (PST-K4-7)	8.0	9.0	8.7	7.0	5.0	4.7	30.0	21.7	23.3
LEGEND (A10-1)	8.3	8.7	9.0	7.7	5.3	4.3	30.0	23.3	25.0
BAR PP 119327	4.3	7.0	6.3	8.0	4.3	4.0	25.0	20.0	18.3
A05-361	7.7	8.3	8.0	8.3	6.3	5.0	45.0	38.3	33.3
BAR 12PP 612	8.0	8.0	8.0	7.0	5.0	5.0	25.0	23.3	25.0
DAUNTLESS (A05-315)	6.0	7.7	8.3	7.3	6.3	5.7	35.0	31.7	33.3
OASIS (A98-344)	8.0	8.7	8.3	6.7	4.7	4.0	26.7	23.3	23.3
EMPIRE	8.3	8.7	8.7	7.3	5.0	4.7	26.7	21.7	26.7
A05-999	7.3	8.0	8.7	7.7	6.7	6.3	35.0	41.7	38.3
BAR VV 112916	2.0	5.3	7.3	8.0	7.7	5.7	53.3	48.3	45.0
PICK TD8	7.3	8.3	8.7	7.3	6.0	5.3	31.7	31.7	28.3
AVID	6.3	8.3	8.0	6.3	5.0	4.0	25.0	20.0	16.7
PST-K9-97	7.0	8.3	8.3	7.3	4.0	3.3	31.7	20.0	20.0
RAD-849	6.0	7.0	7.7	8.0	5.7	5.0	33.3	28.3	28.3

TABLE 26.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	DOLLAR SPOT RATINGS (JUNE)			UNIFORMITY BEFORE TRAFFIC (APRIL)			% FULLNESS OF CANOPY BEFORE TRAFFIC (APR)		
	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC
RUSH	6.7	7.7	8.0	8.0	5.3	4.3	30.0	23.3	16.7
A04-36	5.3	7.7	7.7	7.0	5.3	4.3	28.3	28.3	26.7
SKYE	7.3	8.3	8.7	8.7	6.7	5.0	40.0	35.0	30.0
GEISHA (DPPP 818)	5.7	7.7	8.3	7.0	4.0	3.7	25.0	18.3	18.3
KENBLUE	2.0	4.3	6.7	7.3	5.3	4.3	48.3	45.0	40.0
PICK 033	7.0	8.7	8.3	8.0	5.7	5.3	43.3	33.3	33.3
KEENELAND (A04-342)	7.3	8.3	8.7	7.7	5.0	5.3	26.7	23.3	23.3
BARON	4.3	6.7	8.0	8.0	4.0	5.0	25.0	21.7	23.3
BLUE COAT (AKB 2282)	8.0	8.7	8.7	7.7	5.3	5.7	26.7	26.7	23.3
PICK 4340	7.0	7.3	8.3	7.7	5.7	5.7	30.0	26.7	25.0
BAR 8PP 504	7.0	8.0	7.7	8.0	6.0	4.7	31.7	28.3	25.0
ZINGER (A05-306)	6.0	7.3	8.3	8.3	5.3	5.0	33.3	28.3	26.7
BURL 06-11	7.7	8.7	8.7	7.0	6.0	4.0	33.3	30.0	21.7
BOLT (H99-1653)	5.7	8.0	7.7	7.7	6.3	5.0	31.7	30.0	28.3
A06-47	8.0	8.7	8.7	6.0	4.0	3.7	21.7	16.7	15.0
PST-K4-3	8.0	8.7	8.7	6.7	4.3	3.3	30.0	21.7	20.0
MERLOT (LTP-08-6)	8.3	8.3	8.3	7.0	4.3	4.0	25.0	18.3	16.7
SHAMROCK	6.7	8.0	8.3	7.7	6.3	5.7	38.3	31.7	31.7
3733	7.3	8.0	8.0	6.3	3.3	3.0	28.3	21.7	15.0
A04-38	7.0	8.7	8.0	8.3	5.7	6.0	41.7	30.0	31.7
BARDUKE	4.3	5.3	7.0	7.0	5.0	4.3	25.0	25.0	21.7
A06-26	7.3	8.3	8.3	6.7	4.3	4.0	23.3	20.0	16.7
PICK MP07	5.3	6.7	8.0	7.0	3.7	4.0	38.3	28.3	26.7
SRX 4338	6.7	7.3	8.3	7.3	5.0	4.3	25.0	21.7	23.3
ZEDOR (PPH 9131)	1.7	6.7	6.0	6.7	4.3	3.7	21.7	18.3	18.3
LUNAR (PST-07-261)	8.0	8.7	8.3	8.0	4.7	4.3	19.7	25.0	25.0
A05-TB-382	7.0	8.0	8.0	8.3	6.0	4.3	46.7	35.0	28.3
PST-T10-18	5.3	7.3	7.3	7.3	6.0	6.0	31.7	31.7	33.3
RAD-507	4.0	6.7	6.0	7.0	5.3	4.0	26.7	25.0	26.7
A05-329	8.0	9.0	8.7	6.3	3.3	3.0	30.0	16.7	16.7
AKB 2555	6.7	7.7	8.0	7.7	4.7	4.0	26.7	25.0	18.3
BLACKJACK	6.3	7.3	8.0	7.3	5.0	3.7	33.3	36.7	23.3
WATERWORKS (A05-204)	7.0	8.3	8.0	6.3	5.0	4.0	25.0	18.3	18.3
RAD-1492	8.0	8.3	8.3	7.0	4.7	3.7	26.7	23.3	13.3
PICK TD9	7.0	8.0	8.0	6.3	3.7	2.7	30.0	26.7	20.0
LSD VALUE	1.8	1.6	1.2	1.3	1.2	1.4	12.2	8.4	8.0
C.V. (%)	17.4	11.9	8.7	9.9	14.1	17.5	23.5	20.0	20.9

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

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

TABLE 26. (CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY AFTER 16 PASSES (MAY)			% FULLNESS OF CANOPY AFTER 16 PASSES TRAFFIC (MAY)			PERCENT GREEN COVER AFTER 16 PASSES TRAFFIC (MAY)		
	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS
Barvette HGT (BAR VV 0709)	9.0	8.0	8.0	91.7	73.3	75.0	84.0	82.7	77.0
MIDNIGHT	7.3	5.0	4.0	48.3	26.7	30.0	88.0	79.3	73.7
NU CHICAGO	7.3	3.3	4.7	68.3	41.7	40.0	89.3	74.3	79.7
RUBIX (4S2W)	7.0	4.7	4.7	60.0	30.0	35.0	89.0	85.0	81.0
J-1770	7.7	4.7	4.0	56.7	23.3	26.7	88.0	80.0	78.7
JACKRABBIT (PST-K10-106D)	8.7	5.3	5.3	80.0	43.3	41.7	94.3	91.7	79.7
ARROWHEAD	6.7	4.3	3.7	56.7	31.7	21.7	88.0	79.7	70.7
BLUEBANK (A03-1017)	7.3	5.3	4.7	60.0	35.0	26.7	91.3	86.0	78.7
BLUE NOTE	7.7	5.0	4.3	71.7	28.3	25.0	93.3	84.0	76.7
J-1853	6.0	4.7	4.3	41.7	20.0	23.3	87.3	78.3	76.3
SRX 2758	8.0	5.3	4.3	68.3	33.3	30.0	92.3	90.3	79.7
PST-K9-90	6.3	2.0	2.7	58.3	16.7	26.7	92.7	70.7	70.7
A01-1106	8.7	5.0	3.3	68.3	26.7	30.0	94.3	88.0	71.3
BAR PP 110358	9.0	5.7	3.7	86.7	41.7	31.7	94.0	87.0	74.7
ARAMINTHA (PP 10847)	8.0	6.3	6.3	76.7	46.7	53.3	91.7	90.7	87.0
J-1136	6.0	3.3	3.3	43.3	25.0	30.0	86.0	74.0	77.0
CABERNET	8.3	4.7	5.0	56.7	31.7	36.7	92.0	84.3	81.0
A06-46	7.0	5.0	3.7	60.0	31.7	28.3	93.7	90.7	80.0
AWARD	7.3	3.0	3.7	60.0	20.0	26.7	91.7	75.0	75.3
PST-K9-99	6.0	4.0	4.0	50.0	33.3	33.3	80.3	78.7	78.7
MAZAMA (A04-74)	5.3	3.3	3.0	36.7	11.7	21.7	90.3	72.7	68.3
BAR VV 118532	7.7	5.3	4.3	68.3	40.0	40.0	90.3	81.3	77.7
SUDDEN IMPACT	6.3	3.3	3.7	45.0	18.3	25.0	86.7	75.7	73.0
A05-360	7.7	4.7	3.3	61.7	35.0	33.3	94.7	87.7	79.7
SR 2150 (SRX 5321)	8.3	5.3	6.0	73.3	38.3	51.7	92.3	90.3	80.7
BAR PP 119326	7.7	3.7	4.3	68.3	30.0	38.3	91.0	74.7	75.7
SRX 466	8.3	5.7	3.7	58.3	38.3	26.7	95.0	92.3	76.3
A00-4199	8.7	5.7	5.3	80.0	48.3	35.0	93.0	91.7	81.0
THERMAL BLUE	8.7	6.3	5.0	70.0	50.0	46.7	90.3	86.0	77.7
BURL 3-51	5.7	3.0	2.0	36.7	15.0	16.7	88.0	74.0	68.7
A00-2882	6.3	4.3	2.7	45.0	23.3	28.3	94.7	77.7	69.7
A98-363	6.7	3.7	2.3	61.7	20.0	20.0	88.3	77.7	67.3
AMERICA	7.3	3.7	3.0	66.7	25.0	28.3	87.7	81.0	75.3
ENDURANCE (PST-K4-7)	7.3	3.3	4.0	55.0	21.7	31.7	89.0	75.7	73.7
LEGEND (A10-1)	6.3	2.7	2.3	55.0	16.7	26.7	90.7	68.0	71.3
BAR PP 119327	7.7	4.7	3.3	60.0	31.7	33.3	92.7	83.3	78.7
A05-361	8.7	4.3	3.3	88.3	33.3	30.0	95.0	87.3	75.7
BAR 12PP 612	6.3	3.3	2.3	48.3	21.7	16.7	88.3	82.0	72.3
DAUNTLESS (A05-315)	9.0	6.3	5.3	90.0	48.3	58.3	92.3	87.7	84.3
OASIS (A98-344)	6.0	3.3	1.7	41.7	13.3	11.7	88.0	75.7	65.3
EMPIRE	6.0	2.0	1.7	35.0	10.0	13.3	90.0	72.0	67.3
A05-999	9.0	6.7	5.7	70.0	58.3	48.3	84.7	83.7	73.7
BAR VV 112916	9.0	7.3	4.7	86.7	55.0	50.0	86.3	84.3	74.7
PICK TD8	8.0	4.0	3.7	63.3	36.7	30.0	92.3	81.7	75.7
AVID	6.0	3.7	3.0	41.7	16.7	16.7	89.0	85.0	76.7
PST-K9-97	7.0	3.0	2.3	65.0	25.0	20.0	87.0	73.7	66.7
RAD-849	8.0	5.7	4.0	66.7	38.3	28.3	93.0	88.3	80.7

TABLE 26. (CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY AFTER 16 PASSES (MAY)			% FULLNESS OF CANOPY			PERCENT GREEN COVER		
	NO WEAR	AFTER 16 PASSES CADY	TRAFFIC (MAY) RUTGERS	NO WEAR	AFTER 16 PASSES CADY	TRAFFIC (MAY) RUTGERS	NO WEAR	AFTER 16 PASSES CADY	TRAFFIC (MAY) RUTGERS
RUSH	7.0	3.3	3.3	58.3	28.3	25.0	91.0	80.3	74.0
A04-36	8.0	5.7	4.0	71.7	45.0	40.0	89.7	81.7	79.3
SKYE	9.0	5.7	4.3	86.7	40.0	38.3	92.0	85.0	76.3
GEISHA (DPPP 818)	6.0	4.0	2.7	58.3	26.7	36.7	83.3	79.3	72.3
KENBLUE	7.7	6.7	5.3	80.0	50.0	51.7	84.7	79.3	75.3
PICK 033	8.7	5.3	4.3	83.3	40.0	36.7	93.3	83.3	80.3
KEENELAND (A04-342)	7.0	4.0	4.0	55.0	28.3	23.3	93.0	84.0	78.3
BARON	6.7	3.7	3.0	70.0	18.3	23.3	81.7	73.0	70.3
BLUE COAT (AKB 2282)	7.7	4.3	4.3	73.3	35.0	35.0	89.7	71.0	71.0
PICK 4340	8.0	5.3	4.0	70.0	28.3	35.0	93.0	86.3	81.3
BAR 8PP 504	9.0	6.3	4.3	80.0	50.0	40.0	91.3	88.7	80.3
ZINGER (A05-306)	8.0	5.7	4.7	85.0	40.0	40.0	89.3	85.0	79.3
BURL 06-11	6.7	2.7	1.7	58.3	21.7	13.3	91.3	79.7	69.0
BOLT (H99-1653)	8.3	6.0	5.0	80.0	43.3	40.0	94.3	89.7	82.7
A06-47	6.0	3.0	1.0	35.0	11.7	8.3	87.7	79.7	64.7
PST-K4-3	6.3	2.3	1.7	43.3	16.7	18.3	90.7	76.0	68.3
MERLOT (LTP-08-6)	6.0	3.0	2.7	36.7	11.7	13.3	86.0	71.3	67.7
SHAMROCK	8.7	5.7	4.7	71.7	46.7	45.0	90.3	84.7	78.3
3733	6.3	3.3	1.7	55.0	18.3	23.3	83.3	74.7	67.3
A04-38	8.7	4.7	5.7	88.0	35.0	46.7	92.0	80.7	83.0
BARDUKE	7.0	4.3	3.0	63.3	28.3	28.3	83.3	77.0	72.7
A06-26	7.0	3.0	2.7	41.7	25.0	20.0	86.3	72.0	68.3
PICK MP07	7.3	4.3	2.7	66.7	36.7	30.0	89.0	79.3	66.7
SRX 4338	7.3	4.7	4.0	53.3	26.7	26.7	92.3	85.0	78.7
ZEDOR (PPH 9131)	6.0	3.3	3.0	46.7	25.0	26.7	88.0	75.7	74.3
LUNAR (PST-07-261)	8.3	4.0	3.0	75.0	38.3	26.7	86.7	71.3	64.0
A05-TB-382	7.7	4.7	3.0	80.0	33.3	35.0	90.3	81.0	73.3
PST-T10-18	8.0	5.7	5.7	85.0	43.3	43.3	93.0	90.7	87.3
RAD-507	6.7	3.7	2.3	41.7	21.7	25.0	85.7	78.3	74.0
A05-329	6.3	1.7	1.7	55.0	10.0	16.7	90.7	68.0	62.7
AKB 2555	8.3	3.3	3.0	76.7	28.3	21.7	91.0	76.0	72.7
BLACKJACK	8.3	5.3	2.7	83.3	41.7	28.3	86.3	73.3	66.7
WATERWORKS (A05-204)	5.7	2.0	2.0	36.7	10.0	8.3	81.7	68.0	64.3
RAD-1492	7.7	4.7	3.0	70.0	33.3	30.0	93.3	81.0	68.7
PICK TD9	7.7	4.0	1.3	78.3	36.7	25.0	88.3	78.3	69.3
LSD VALUE	1.9	1.8	1.5	25.0	13.3	12.9	5.4	8.7	7.4
C.V. (%)	14.3	25.2	26.0	23.1	27.6	26.8	3.6	6.6	6.1

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

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

TABLE 26.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY BEFORE TRAFFIC (JULY)			% FULLNESS OF CANOPY BEFORE TRAFFIC (JULY)		
	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC
Barvette HGT (BAR VV 0709)	8.0	8.3	8.7	91.7	91.7	93.3
MIDNIGHT	8.7	5.3	4.3	81.7	46.7	50.0
NU CHICAGO	7.7	5.7	5.7	81.7	63.3	55.0
RUBIX (4S2W)	6.7	5.3	5.0	73.3	51.7	56.7
J-1770	8.0	6.0	5.3	80.0	60.0	56.7
JACKRABBIT (PST-K10-106D)	7.3	5.7	5.3	86.7	66.7	61.7
ARROWHEAD	7.3	6.7	5.0	76.7	65.0	53.3
BLUEBANK (A03-1017)	8.7	6.7	5.3	85.0	70.0	60.0
BLUE NOTE	8.7	6.3	5.7	80.0	55.0	58.3
J-1853	7.7	5.3	5.3	75.0	63.3	55.0
SRX 2758	6.7	5.7	5.3	75.0	51.7	55.0
PST-K9-90	8.3	5.0	6.0	85.0	46.7	60.0
A01-1106	8.3	4.7	4.3	85.0	48.3	51.7
BAR PP 110358	8.7	6.0	5.0	88.3	56.7	48.3
ARAMINTHA (PP 10847)	6.3	7.3	6.7	79.7	76.7	81.7
J-1136	7.3	5.3	5.3	76.7	56.7	58.3
CABERNET	7.0	6.7	6.0	85.0	68.3	71.7
A06-46	8.3	6.3	4.7	73.3	63.3	53.3
AWARD	7.7	4.7	4.3	81.7	48.3	55.0
PST-K9-99	6.0	6.3	5.0	61.7	61.7	58.3
MAZAMA (A04-74)	7.7	4.0	3.0	55.0	40.0	31.7
BAR VV 118532	8.3	5.7	5.7	85.0	65.0	60.0
SUDDEN IMPACT	7.7	4.3	4.3	75.0	43.3	60.0
A05-360	7.3	6.3	5.7	73.3	63.3	60.0
SR 2150 (SRX 5321)	9.0	7.3	6.7	83.3	66.7	68.3
BAR PP 119326	5.7	4.7	4.3	61.7	45.0	50.0
SRX 466	8.3	6.0	5.0	76.7	58.3	48.3
A00-4199	6.7	8.3	7.0	85.0	80.0	75.0
THERMAL BLUE	5.7	5.3	5.3	63.3	55.0	63.3
BURL 3-51	7.3	4.0	3.3	56.7	38.3	33.3
A00-2882	7.7	5.0	4.7	65.0	43.3	55.0
A98-363	8.3	4.7	5.3	68.3	55.0	43.3
AMERICA	8.0	5.0	5.7	75.0	56.7	60.0
ENDURANCE (PST-K4-7)	8.3	5.7	5.3	78.3	51.7	61.7
LEGEND (A10-1)	8.3	4.3	3.3	70.0	48.3	38.3
BAR PP 119327	6.0	6.7	5.0	71.7	63.3	58.3
A05-361	9.0	5.3	5.0	88.0	60.0	53.3
BAR 12PP 612	7.0	4.0	3.7	70.0	51.7	41.7
DAUNTLESS (A05-315)	7.7	8.3	7.0	88.3	78.3	73.3
OASIS (A98-344)	7.7	3.7	3.7	53.3	31.7	30.0
EMPIRE	6.3	3.3	3.3	50.0	33.3	31.7
A05-999	8.0	8.7	8.0	85.0	88.3	85.0
BAR VV 112916	4.7	6.0	5.3	63.3	66.7	61.7
PICK TD8	7.7	5.7	4.7	76.7	50.0	50.0
AVID	6.7	4.0	4.0	68.3	40.0	41.7
PST-K9-97	6.7	4.0	3.3	71.7	33.3	38.3
RAD-849	6.3	6.7	5.3	76.7	63.3	55.0

TABLE 26.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY BEFORE TRAFFIC (JULY)			% FULLNESS OF CANOPY BEFORE TRAFFIC (JULY)		
	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC	NO WEAR	CADY TRAFFIC	RUTGERS TRAFFIC
RUSH	7.0	5.0	4.7	81.7	58.3	56.7
A04-36	6.7	7.0	6.0	71.7	70.0	63.3
SKYE	8.3	7.3	6.3	93.3	75.0	70.0
GEISHA (DPPP 818)	6.0	5.7	5.3	65.0	56.7	58.3
KENBLUE	6.0	6.7	7.3	61.7	78.3	81.7
PICK 033	8.3	5.7	5.7	85.0	63.3	63.3
KEENELAND (A04-342)	8.0	5.0	5.7	78.3	53.3	60.0
BARON	5.7	4.7	5.0	68.3	48.3	51.7
BLUE COAT (AKB 2282)	9.0	7.0	7.0	91.7	76.7	75.0
PICK 4340	7.7	6.3	6.3	81.3	65.0	70.0
BAR 8PP 504	8.3	7.7	7.3	94.7	78.3	71.7
ZINGER (A05-306)	7.7	8.0	7.7	81.3	78.3	81.7
BURL 06-11	8.0	5.0	4.3	73.3	61.7	40.0
BOLT (H99-1653)	6.0	6.3	6.3	71.7	63.3	60.0
A06-47	7.3	4.3	3.0	66.7	35.0	41.7
PST-K4-3	8.3	5.3	4.3	75.0	53.3	43.3
MERLOT (LTP-08-6)	8.3	3.7	3.3	65.0	43.3	45.0
SHAMROCK	8.0	7.3	6.3	81.7	73.3	70.0
3733	7.7	4.0	4.0	78.3	45.0	53.3
A04-38	8.3	7.0	6.7	94.7	68.3	70.0
BARDUKE	6.7	6.0	5.7	75.0	61.7	61.7
A06-26	8.3	4.7	4.7	70.0	45.0	55.0
PICK MP07	6.3	6.7	5.3	68.3	70.0	56.7
SRX 4338	7.0	5.7	5.7	78.3	61.7	58.3
ZEDOR (PPH 9131)	5.0	5.0	4.3	55.0	46.7	43.3
LUNAR (PST-07-261)	8.7	6.0	5.0	85.0	60.0	61.7
A05-TB-382	7.7	6.3	4.7	91.0	65.0	55.0
PST-T10-18	7.3	7.3	6.3	83.3	71.7	68.3
RAD-507	6.0	5.3	3.7	60.0	50.0	46.7
A05-329	7.0	3.3	3.3	66.7	33.3	33.3
AKB 2555	7.7	5.7	5.0	90.0	66.7	53.3
BLACKJACK	7.7	6.7	5.0	93.0	73.3	61.7
WATERWORKS (A05-204)	7.0	3.7	3.0	53.3	33.3	35.0
RAD-1492	8.3	5.0	3.7	76.7	51.7	48.3
PICK TD9	8.3	6.0	3.7	85.0	63.3	51.7
LSD VALUE	1.7	1.7	1.5	21.0	14.5	14.0
C.V. (%)	13.0	18.3	18.1	15.1	16.0	15.9

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

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

TABLE 26. (CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
 2013 DATA
 DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY AFTER 16 PASSES (AUG)			% FULLNESS OF CANOPY			PERCENT GREEN COVER		
	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS
Barvette HGT (BAR VV 0709)	9.0	8.3	8.3	99.0	75.0	86.7	87.3	84.7	72.7
MIDNIGHT	9.0	7.0	6.3	96.3	50.0	66.7	93.3	87.3	71.3
NU CHICAGO	8.7	5.7	6.7	91.7	46.7	68.3	91.3	81.3	71.0
RUBIX (4S2W)	8.7	6.7	5.7	95.0	46.7	56.7	91.7	83.3	69.0
J-1770	8.7	7.3	6.3	90.0	60.0	66.7	92.7	87.3	67.0
JACKRABBIT (PST-K10-106D)	9.0	7.0	6.7	96.0	48.3	66.7	90.0	80.7	67.0
ARROWHEAD	9.0	7.3	6.0	91.7	53.3	58.3	91.3	80.3	66.3
BLUEBANK (A03-1017)	9.0	7.0	6.0	93.3	56.7	61.7	93.3	84.3	65.7
BLUE NOTE	9.0	7.3	5.7	95.0	51.7	61.7	93.0	85.7	65.3
J-1853	9.0	6.3	5.3	88.3	53.3	60.0	90.0	81.3	64.7
SRX 2758	8.7	7.3	5.0	93.0	50.0	51.7	92.7	88.0	64.7
PST-K9-90	8.7	4.7	6.0	94.7	38.3	65.0	88.3	71.7	62.0
A01-1106	8.7	5.7	4.7	91.7	38.3	55.0	90.0	76.7	61.7
BAR PP 110358	9.0	7.0	4.3	94.7	41.7	45.0	92.7	81.3	61.7
ARAMINTHA (PP 10847)	8.0	6.7	5.7	89.7	51.7	58.3	86.0	78.3	61.7
J-1136	9.0	6.7	5.7	91.7	46.7	60.0	91.0	82.7	61.0
CABERNET	8.3	6.3	4.3	88.3	53.3	53.3	90.0	80.3	60.7
A06-46	9.0	8.0	6.3	93.3	60.0	63.3	92.7	88.7	60.3
AWARD	8.7	4.7	5.0	90.0	33.3	53.3	90.3	67.0	59.3
PST-K9-99	8.3	7.0	5.3	83.3	56.7	56.7	88.7	77.0	59.3
MAZAMA (A04-74)	9.0	6.7	4.3	88.3	40.0	45.0	92.0	82.3	56.3
BAR VV 118532	8.7	5.7	3.7	81.7	38.3	48.3	86.0	70.3	56.3
SUDDEN IMPACT	9.0	6.7	5.0	89.7	53.3	50.0	92.3	79.0	55.7
A05-360	9.0	6.0	4.0	89.7	45.0	46.7	90.0	84.7	55.3
SR 2150 (SRX 5321)	9.0	7.3	7.3	97.7	58.3	75.0	88.7	78.7	55.3
BAR PP 119326	8.3	5.0	4.3	81.7	38.3	53.3	86.3	61.3	53.7
SRX 466	9.0	6.7	4.0	88.3	45.0	38.3	93.3	87.0	53.7
A00-4199	9.0	7.7	5.0	97.7	61.7	53.3	87.3	78.3	53.3
THERMAL BLUE	8.7	5.7	6.0	91.7	48.3	60.0	85.0	75.0	53.3
BURL 3-51	8.0	6.0	3.7	75.0	36.7	40.0	91.3	78.7	53.0
A00-2882	8.7	5.7	4.7	84.7	45.0	55.0	89.3	78.3	52.7
A98-363	8.7	5.3	4.0	86.3	35.0	41.7	88.0	76.3	51.3
AMERICA	7.7	6.0	3.7	81.7	33.3	43.3	85.0	71.7	51.3
ENDURANCE (PST-K4-7)	8.7	5.0	5.0	90.0	41.7	50.0	86.7	63.3	51.3
LEGEND (A10-1)	8.3	4.7	4.3	75.0	35.0	43.3	90.3	69.7	51.3
BAR PP 119327	8.7	7.0	4.7	91.7	50.0	50.0	88.0	71.3	50.7
A05-361	8.3	6.0	3.0	88.0	46.7	43.3	89.3	74.0	50.3
BAR 12PP 612	8.3	3.7	4.0	86.7	26.7	38.3	88.7	61.7	50.3
DAUNTLESS (A05-315)	8.7	6.7	4.7	97.7	61.7	53.3	82.7	78.3	50.3
OASIS (A98-344)	7.7	5.0	3.0	76.7	30.0	40.0	87.7	74.0	50.3
EMPIRE	7.3	5.0	3.3	76.7	31.7	38.3	88.3	74.7	50.0
A05-999	8.7	7.0	4.3	93.0	61.7	48.3	85.3	68.0	49.3
BAR VV 112916	7.7	6.3	3.7	78.3	45.0	45.0	87.0	81.7	49.3
PICK TD8	9.0	5.7	4.7	90.0	51.7	48.3	88.3	74.3	47.7
AVID	8.0	6.3	3.0	85.0	45.0	35.0	88.0	84.7	46.3
PST-K9-97	8.3	4.7	2.7	83.3	35.0	35.0	82.7	65.3	46.3
RAD-849	9.0	6.0	3.3	97.7	45.0	38.3	85.0	68.3	45.3

TABLE 26. (CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2013 DATA
DOLLAR SPOT RATINGS 1-9; 9=BEST 2/

NAME	UNIFORMITY AFTER 16 PASSES (AUG)			% FULLNESS OF CANOPY			PERCENT GREEN COVER		
	NO WEAR	CADY	RUTGERS	AFTER 16 PASSES	TRAFFIC (AUG)		AFTER 16 PASSES	TRAFFIC (AUG)	
RUSH	8.7	7.0	4.7	94.7	58.3	45.0	87.0	75.3	44.7
A04-36	8.7	5.3	4.3	91.7	53.3	45.0	83.7	65.3	44.0
SKYE	9.0	5.7	4.0	96.3	48.3	45.0	88.0	68.3	44.0
GEISHA (DPPP 818)	7.7	5.7	3.0	80.0	35.0	33.3	78.7	72.3	43.3
KENBLUE	7.3	3.3	3.0	76.7	33.3	31.7	81.3	65.3	43.3
PICK 033	8.7	5.3	2.3	88.3	38.3	28.3	90.0	74.3	42.7
KEENELAND (A04-342)	8.7	5.7	3.3	85.0	41.7	36.7	87.3	69.7	42.3
BARON	8.7	5.7	3.3	88.3	35.0	36.7	84.3	63.7	42.0
BLUE COAT (AKB 2282)	9.0	7.3	5.3	96.0	56.7	53.3	82.0	71.7	41.7
PICK 4340	8.7	5.3	2.7	84.7	33.3	35.0	84.3	70.7	41.0
BAR 8PP 504	8.3	7.3	5.0	92.7	60.0	46.7	73.7	69.3	40.7
ZINGER (A05-306)	9.0	6.0	4.0	96.3	48.3	38.3	77.0	69.0	40.7
BURL 06-11	8.0	4.3	1.3	75.0	31.7	21.7	85.7	63.3	40.0
BOLT (H99-1653)	8.7	6.3	2.3	88.3	43.3	33.3	86.7	76.0	40.0
A06-47	8.7	4.7	2.3	85.0	36.7	26.7	90.7	65.7	39.7
PST-K4-3	8.7	4.0	2.7	91.3	28.3	25.0	89.3	66.7	39.3
MERLOT (LTP-08-6)	8.7	6.3	3.3	80.0	41.7	33.3	90.0	71.3	38.7
SHAMROCK	8.3	5.3	3.0	88.3	43.3	36.7	82.3	65.0	38.7
3733	7.3	2.7	2.3	75.0	25.0	28.3	86.0	57.7	38.3
A04-38	8.0	5.7	3.7	83.3	41.7	43.3	80.7	70.3	36.0
BARDUKE	8.3	4.3	3.0	89.7	28.3	31.7	79.7	53.3	36.0
A06-26	8.7	5.3	2.3	94.7	40.0	35.0	85.0	63.7	35.7
PICK MP07	7.7	4.7	2.3	79.7	38.3	30.0	82.7	67.7	34.7
SRX 4338	8.7	4.7	2.3	86.3	35.0	23.3	89.7	57.3	34.0
ZEDOR (PPH 9131)	6.0	3.7	2.3	66.7	31.7	26.7	79.7	55.7	33.7
LUNAR (PST-07-261)	8.7	3.0	2.3	91.3	25.0	23.3	88.3	62.7	33.3
A05-TB-382	8.3	4.3	2.0	88.0	36.7	25.0	85.3	69.7	32.7
PST-T10-18	8.3	4.0	2.3	91.3	35.0	31.7	89.0	64.0	32.0
RAD-507	7.0	2.0	1.3	70.0	25.0	13.3	83.3	41.7	27.0
A05-329	7.0	3.0	1.3	75.0	20.0	11.7	82.0	59.7	25.0
AKB 2555	8.0	3.7	1.3	86.7	31.7	16.7	84.0	52.3	25.0
BLACKJACK	7.7	2.7	1.3	83.3	13.3	13.3	66.3	32.3	21.7
WATERWORKS (A05-204)	6.7	3.7	1.0	70.0	26.7	10.0	80.7	54.7	19.7
RAD-1492	7.7	2.0	1.3	80.0	16.7	13.3	80.7	51.7	18.7
PICK TD9	7.3	2.0	1.0	80.0	21.7	11.7	83.7	38.7	16.3
LSD VALUE	1.3	2.3	2.2	17.2	14.5	20.8	8.2	15.8	16.4
C.V. (%)	8.4	24.3	34.5	10.0	21.6	30.1	5.4	13.6	21.4

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 26.
(CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 28-29						AFTER TRAFFIC IN SPRING (JUNE 4)					
	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	9.0	93.3	85.0	91.7	9.0	9.0	9.0	99.0	97.7	94.7
RUBIX (4S2W)	9.0	7.3	5.3	90.0	60.0	63.3	9.0	8.0	6.3	97.7	80.0	70.0
ARAMINTHA (PP 10847)	8.7	8.0	7.3	71.7	63.3	61.7	9.0	8.3	8.0	96.0	90.0	83.3
PST-K9-90	8.7	4.7	6.3	85.0	38.3	46.7	9.0	6.3	6.0	96.3	65.0	66.7
JACKRABBIT (PST-K10-106D)	8.0	7.0	6.0	78.3	53.3	46.7	9.0	8.3	7.0	94.7	81.7	70.0
SR 2150 (SRX 5321)	9.0	7.3	7.0	80.0	50.0	50.0	9.0	7.7	7.7	96.3	85.0	81.7
PST-T10-18	8.7	7.3	4.0	83.3	51.7	38.3	9.0	8.0	5.3	95.0	80.0	55.0
A01-1106	8.7	7.7	7.7	78.3	55.0	50.0	9.0	8.7	7.3	95.0	85.0	75.0
BOLT (H99-1653)	8.7	6.7	3.3	66.7	40.0	30.0	9.0	7.3	5.0	94.7	78.3	56.7
BLUE COAT (AKB 2282)	8.7	7.3	5.7	58.3	38.3	28.3	9.0	8.3	4.7	85.0	76.7	50.0
ENDURANCE (PST-K4-7)	8.3	6.7	5.7	76.7	43.3	48.3	9.0	8.0	5.7	95.0	75.0	60.0
J-1770	8.7	7.3	7.3	68.3	45.0	45.0	9.0	7.7	7.3	93.0	78.3	75.0
NU CHICAGO	8.3	7.7	7.0	60.0	36.7	43.3	8.7	8.0	7.3	90.0	80.0	76.7
SRX 2758	9.0	7.7	5.7	76.7	60.0	48.3	9.0	8.3	6.7	96.0	90.0	75.0
BAR 8PP 504	7.7	7.3	5.0	56.7	45.0	33.3	9.0	8.7	6.3	97.7	91.7	78.3
MIDNIGHT	8.7	7.3	6.0	66.7	50.0	43.3	9.0	7.7	6.7	91.7	76.7	71.7
PST-K9-99	8.7	7.7	6.3	66.7	43.3	46.7	9.0	8.0	7.0	91.3	83.3	73.3
A05-999	8.3	8.0	6.0	66.7	65.0	48.3	9.0	9.0	6.3	94.7	83.3	75.0
CABERNET	8.3	6.7	7.0	75.0	65.0	65.0	9.0	7.3	7.0	93.3	76.7	75.0
DAUNTLESS (A05-315)	8.7	8.0	6.7	86.7	78.3	66.7	9.0	9.0	7.0	96.3	93.3	78.3
PICK 033	9.0	6.7	5.0	80.0	61.7	51.7	9.0	7.3	5.7	94.7	80.0	61.7
PICK 4340	9.0	8.0	5.7	71.7	48.3	46.7	9.0	8.3	5.7	90.0	78.3	60.0
PST-K9-97	8.0	6.0	4.3	63.3	45.0	38.3	8.7	6.7	4.3	86.7	71.7	48.3
A06-46	9.0	8.3	6.0	76.7	51.7	55.0	9.0	8.3	6.3	93.3	83.3	66.7
BAR PP 110358	9.0	7.7	7.0	88.3	56.7	63.3	9.0	8.3	7.7	97.7	90.0	81.7
BAR 12PP 612	7.7	5.3	5.0	41.7	28.3	26.7	8.3	6.7	4.7	88.3	73.3	55.0
SRX 4338	8.7	6.3	4.7	68.3	40.0	31.7	9.0	7.3	4.7	88.3	73.3	48.3
BAR PP 119326	8.7	6.3	6.7	71.7	48.3	41.7	9.0	6.7	6.0	94.7	76.7	73.3
BAR VV 118532	8.3	7.0	6.3	48.3	45.0	48.3	9.0	7.7	7.0	90.0	75.0	73.3
BLUE NOTE	9.0	8.3	6.3	88.3	61.7	51.7	9.0	8.3	7.0	94.7	85.0	71.7
BLUEBANK (A03-1017)	8.7	8.3	6.7	60.0	50.0	36.7	9.0	8.3	6.3	93.3	86.7	66.7
KEENELAND (A04-342)	9.0	8.3	6.3	75.0	51.7	35.0	9.0	8.3	5.7	91.7	83.3	60.0
A00-4199	9.0	8.3	6.7	71.7	56.7	41.7	9.0	8.7	7.3	96.3	88.3	73.3
ARROWHEAD	8.3	7.0	5.3	80.0	55.0	40.0	9.0	8.0	5.7	93.3	86.7	61.7
BARDUKE	8.0	5.7	5.0	51.7	28.3	26.7	8.7	6.7	5.0	88.3	63.3	53.3
J-1136	8.3	6.7	6.3	48.3	28.3	25.0	9.0	7.3	6.0	93.3	70.0	55.0
RUSH	8.7	7.7	5.3	66.7	40.0	31.7	9.0	8.0	4.3	95.0	83.3	56.7
A04-38	8.7	7.0	5.0	75.0	53.3	48.3	9.0	8.7	6.0	93.0	83.3	66.7
A06-26	8.7	6.7	4.0	63.3	36.7	23.3	9.0	7.3	4.7	88.3	70.0	55.0
J-1853	9.0	8.3	7.0	53.3	38.3	31.7	8.7	8.0	6.7	86.7	78.3	68.3
KENBLUE	8.7	7.7	6.3	88.3	70.0	66.7	9.0	7.7	5.3	95.0	85.0	66.7
PICK TD8	9.0	7.3	5.7	78.3	55.0	50.0	9.0	8.0	6.7	90.0	80.0	66.7
A04-36	8.3	7.3	5.3	70.0	65.0	65.0	8.7	8.7	6.7	95.0	93.3	75.0
AWARD	8.7	5.3	6.3	63.3	30.0	40.0	8.7	6.7	6.3	86.7	68.3	66.7
BAR PP 119327	9.0	7.0	6.0	63.3	30.0	30.0	9.0	7.0	6.3	96.3	73.3	66.7
BAR VV 112916	7.0	7.7	4.7	78.3	70.0	60.0	8.7	9.0	6.7	94.3	93.3	68.3

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 28-29						AFTER TRAFFIC IN SPRING (JUNE 4)					
	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
SUDDEN IMPACT	8.3	7.0	5.3	61.7	46.7	30.0	9.0	7.0	5.7	90.0	71.7	53.3
THERMAL BLUE	8.3	7.0	6.3	75.0	66.7	56.7	9.0	8.7	7.7	91.7	83.3	78.3
BARON	8.7	6.3	5.3	65.0	25.0	31.7	8.7	6.3	5.7	93.3	60.0	53.3
PST-K4-3	8.7	4.3	2.7	61.7	31.7	25.0	8.7	5.7	3.0	86.7	61.7	36.7
ZINGER (A05-306)	8.7	7.3	5.7	76.7	55.0	55.0	9.0	8.7	7.0	94.7	91.7	65.0
A05-361	8.7	6.3	5.3	81.7	50.0	50.0	9.0	6.3	5.7	95.0	68.3	60.0
AMERICA	7.7	6.7	4.7	48.3	30.0	25.0	8.7	7.0	5.7	86.7	68.3	60.0
BURL 06-11	8.7	6.0	3.3	56.7	36.7	28.3	8.7	7.0	4.3	86.7	70.0	41.7
SRX 466	9.0	7.3	5.0	86.7	66.7	58.3	9.0	8.0	5.3	95.0	81.7	56.7
GEISHA (DPPP818)	8.0	6.7	4.7	38.3	33.3	20.0	7.7	6.3	4.7	76.7	66.7	46.7
SKYE	9.0	7.7	5.0	83.3	56.7	46.7	9.0	9.0	6.0	97.7	91.7	73.3
ZEDOR (PPH 9131)	7.7	6.0	4.0	45.0	41.7	30.0	8.7	6.7	4.3	88.3	75.0	48.3
A00-2882	8.7	7.7	6.3	68.3	46.7	46.7	8.7	7.7	6.0	88.3	76.7	63.3
A05-TB-382	8.3	7.0	3.3	63.3	46.7	38.3	8.7	7.3	4.3	88.3	76.7	48.3
AKB 2555	8.0	5.3	3.3	50.0	33.3	20.0	8.7	7.3	3.3	90.0	76.7	48.3
EMPIRE	8.7	6.3	4.7	63.3	35.0	30.0	8.0	7.0	4.7	78.3	58.3	45.0
SHAMROCK	9.0	6.7	6.0	75.0	50.0	36.7	9.0	8.3	6.3	93.3	85.0	60.0
A05-360	8.7	7.3	4.7	73.3	53.3	46.7	8.7	8.7	6.0	88.3	81.7	63.3
A06-47	8.0	5.0	2.7	53.3	26.7	20.0	8.7	6.3	3.0	86.7	66.7	35.0
A98-363	8.3	5.3	5.0	70.0	41.7	36.7	8.7	7.0	5.0	88.3	66.7	53.3
RAD-849	8.7	6.0	5.3	51.7	35.0	28.3	9.0	8.0	6.0	93.3	85.0	61.7
RAD-507	7.7	5.7	3.7	41.7	25.0	20.0	8.3	6.7	3.3	86.7	65.0	38.3
3733	7.0	5.0	3.0	60.0	33.3	26.7	8.7	6.3	3.7	86.7	61.7	41.7
AVID	9.0	8.0	6.0	61.7	45.0	33.3	8.3	8.0	5.3	85.0	78.3	53.3
BLACKJACK	7.3	3.3	2.3	55.0	26.7	25.0	8.7	4.3	3.3	85.0	55.0	46.7
BURL 3-51	9.0	7.0	5.3	61.7	40.0	30.0	8.3	7.0	4.7	80.0	63.3	46.7
MERLOT (LTP-08-6)	9.0	8.0	4.7	56.7	40.0	28.3	8.7	7.3	4.0	86.7	68.3	45.0
PICK MP07	8.3	4.7	3.0	65.0	45.0	31.7	8.7	6.7	4.3	89.7	71.7	48.3
LUNAR (PST-07-261)	8.3	4.3	4.0	78.3	40.0	35.0	8.7	7.0	4.0	86.7	70.0	48.3
MAZAMA (A04-74)	9.0	7.7	6.0	56.7	35.0	30.0	8.3	7.7	4.7	90.0	73.3	53.3
LEGEND (A10-1)	8.3	7.0	6.0	58.3	30.0	30.0	8.7	6.7	5.3	85.0	63.3	53.3
OASIS (A98-344)	8.3	5.7	4.3	55.0	40.0	30.0	8.0	6.3	4.7	80.0	55.0	46.7
PICK TD9	6.7	2.3	2.0	41.7	25.0	15.0	8.7	4.3	2.0	88.3	45.0	30.0
WATERWORKS (A05-204)	7.0	4.7	1.7	33.3	26.7	15.0	6.7	6.0	1.7	61.7	53.3	23.3
RAD-1492	8.3	4.7	2.3	70.0	30.0	25.0	9.0	6.0	3.3	88.3	60.0	36.7
A05-329	7.3	5.0	2.7	50.0	31.7	21.7	7.7	5.0	3.0	76.7	53.3	31.7
LSD VALUE	1.6	2.2	2.4	24.6	22.6	22.9	0.9	1.9	2.6	11.3	15.4	21.2
C.V. (%)	8.5	18.4	26.9	20.7	28.6	34.0	5.1	14.2	26.5	6.9	12.4	21.1

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 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON JULY 8-9						AFTER TRAFFIC IN SUMMER (AUGUST 15)					
	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	9.0	99.0	99.0	99.0	9.0	9.0	9.0	99.0	99.0	99.0
RUBIX (4S2W)	9.0	8.7	7.3	96.0	91.7	78.3	9.0	8.7	7.7	94.7	86.7	83.3
ARAMINTHA (PP 10847)	9.0	8.7	8.3	97.7	93.0	89.7	9.0	8.3	8.3	97.7	86.7	89.7
PST-K9-90	9.0	6.3	8.3	91.7	73.3	83.3	8.7	6.7	7.3	96.3	78.0	83.3
JACKRABBIT (PST-K10-106D)	9.0	8.3	8.3	93.0	90.0	81.7	9.0	8.0	8.3	99.0	91.3	83.0
SR 2150 (SRX 5321)	9.0	9.0	8.7	93.3	88.3	86.7	9.0	8.0	7.7	95.0	83.3	83.3
PST-T10-18	9.0	8.7	7.0	93.3	83.3	68.3	9.0	7.7	6.7	85.0	73.3	65.0
A01-1106	9.0	8.3	7.7	93.3	81.7	76.7	8.3	7.3	6.7	85.0	76.7	68.3
BOLT (H99-1653)	9.0	8.7	7.3	95.0	90.0	71.7	9.0	8.3	7.3	93.3	73.3	70.0
BLUE COAT (AKB 2282)	9.0	9.0	7.3	95.0	93.3	80.0	9.0	9.0	8.3	97.7	99.0	91.0
ENDURANCE (PST-K4-7)	9.0	8.7	7.7	91.7	86.7	78.3	9.0	7.0	7.0	90.0	71.7	70.0
J-1770	9.0	8.7	8.7	91.7	86.7	85.0	8.7	7.3	8.0	95.0	75.0	78.3
NU CHICAGO	9.0	8.3	8.3	91.7	88.3	88.3	8.7	7.3	8.3	90.0	68.3	76.7
SRX 2758	9.0	9.0	8.0	91.7	88.3	85.0	9.0	8.3	8.0	96.3	85.0	85.0
BAR 8PP 504	9.0	8.7	8.3	97.7	91.7	86.7	9.0	8.3	8.3	97.7	90.0	90.0
MIDNIGHT	9.0	9.0	8.3	88.3	78.3	76.7	9.0	7.7	7.7	85.0	66.7	68.3
PST-K9-99	9.0	9.0	9.0	86.7	81.7	80.0	9.0	8.7	8.3	96.3	88.3	90.0
A05-999	9.0	8.7	7.0	96.3	90.0	73.3	9.0	8.3	8.0	97.7	91.3	83.3
CABERNET	9.0	7.7	7.7	90.0	83.3	83.3	8.7	6.7	7.3	91.7	78.3	80.0
DAUNTLESS (A05-315)	9.0	9.0	7.7	96.3	95.0	80.0	9.0	9.0	8.0	95.0	86.7	81.7
PICK 033	8.7	7.3	7.0	88.3	76.7	75.0	9.0	6.7	7.0	90.0	66.7	71.7
PICK 4340	9.0	9.0	7.3	91.7	88.3	73.3	9.0	6.7	6.7	93.3	71.7	75.0
PST-K9-97	8.7	8.0	6.3	90.0	80.0	63.3	9.0	7.7	6.3	96.3	86.3	71.3
A06-46	9.0	9.0	9.0	93.3	88.3	86.7	9.0	9.0	8.7	88.3	80.0	78.3
BAR PP 110358	9.0	8.7	8.3	94.7	88.3	86.7	9.0	8.3	7.7	97.7	88.3	85.0
BAR 12PP 612	8.3	7.7	6.7	85.0	81.7	70.0	8.7	7.3	7.7	86.7	78.3	70.0
SRX 4338	9.0	8.3	7.0	91.7	86.7	78.3	9.0	7.7	7.7	95.0	81.7	75.0
BAR PP 119326	8.7	7.7	8.0	85.0	73.3	73.3	8.3	6.7	6.7	88.3	68.3	66.7
BAR VV 118532	8.3	8.0	7.7	86.3	83.3	83.3	8.0	6.3	7.0	81.7	68.3	68.3
BLUE NOTE	9.0	9.0	8.3	97.7	93.3	86.7	9.0	8.3	7.7	96.3	86.7	81.7
BLUEBANK (A03-1017)	9.0	8.7	8.3	93.3	90.0	86.7	9.0	7.7	8.0	88.3	71.7	73.3
KEENELAND (A04-342)	9.0	9.0	8.0	91.7	88.3	75.0	8.7	8.0	7.7	91.7	83.3	80.0
A00-4199	9.0	9.0	8.0	95.0	93.3	86.7	9.0	8.3	8.0	96.3	88.3	90.0
ARROWHEAD	9.0	9.0	7.7	91.7	85.0	76.7	9.0	7.7	8.0	94.7	83.3	80.0
BARDUKE	9.0	8.3	7.7	85.0	78.3	75.0	8.7	7.3	6.7	94.7	71.7	71.7
J-1136	9.0	8.7	7.3	91.7	86.7	81.7	8.7	7.3	7.3	93.3	73.3	75.0
RUSH	9.0	8.7	6.7	95.0	91.7	73.3	9.0	7.7	7.3	91.7	80.0	75.0
A04-38	9.0	8.3	7.3	94.7	91.7	73.3	8.7	8.0	6.7	91.7	73.3	70.0
A06-26	9.0	8.0	7.0	80.0	76.7	66.7	8.7	7.3	6.3	88.3	71.7	63.3
J-1853	9.0	9.0	8.3	93.3	88.3	85.0	8.7	7.0	7.7	91.7	75.0	78.3
KENBLUE	8.7	8.7	8.0	96.3	93.3	83.3	8.3	7.0	6.3	91.7	75.0	70.0
PICK TD8	9.0	8.7	8.0	86.7	80.0	71.7	9.0	7.7	7.0	88.3	75.0	71.7
A04-36	9.0	8.7	7.7	91.7	93.3	80.0	9.0	8.3	7.3	93.3	85.0	75.0
AWARD	9.0	8.0	7.7	88.3	78.3	78.3	8.7	7.0	8.3	93.3	71.7	78.3
BAR PP 119327	9.0	8.7	8.7	91.7	85.0	83.3	9.0	8.3	8.3	97.7	86.7	91.7
BAR VV 112916	8.0	7.7	6.7	89.7	88.3	80.0	8.7	7.7	7.0	93.3	80.0	66.7

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON JULY 8-9						AFTER TRAFFIC IN SUMMER (AUGUST 15)					
	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
SUDDEN IMPACT	9.0	9.0	7.7	88.3	86.7	76.7	9.0	7.0	7.0	90.0	71.7	66.7
THERMAL BLUE	9.0	8.0	8.3	88.3	80.0	78.3	9.0	7.0	7.3	86.7	70.0	71.7
BARON	9.0	8.3	7.7	85.0	76.7	78.3	9.0	7.3	6.7	89.7	73.3	68.3
PST-K4-3	8.7	7.7	5.3	90.0	71.7	55.0	8.7	6.7	4.7	95.0	75.0	63.3
ZINGER (A05-306)	9.0	8.0	7.7	95.0	93.3	78.3	9.0	8.0	8.0	93.3	80.0	80.0
A05-361	9.0	7.7	7.3	91.3	80.0	75.0	8.7	7.3	6.7	88.3	78.3	66.7
AMERICA	8.3	7.3	6.3	83.3	73.3	66.7	7.7	6.3	5.7	78.3	61.7	58.3
BURL 06-11	8.7	8.0	6.0	86.7	80.0	56.7	8.7	6.7	5.7	86.7	66.7	60.0
SRX 466	9.0	8.0	7.0	88.3	76.7	68.3	9.0	7.3	6.0	86.7	70.0	60.0
GEISHA (DPPP818)	8.7	7.7	6.0	80.0	71.7	61.7	7.7	6.0	5.7	89.7	68.3	65.0
SKYE	9.0	9.0	8.3	96.3	95.0	85.0	9.0	9.0	8.0	94.7	91.7	83.3
ZEDOR (PPH 9131)	8.7	7.3	6.0	88.3	73.3	63.3	8.3	7.0	5.7	83.3	68.3	61.7
A00-2882	9.0	8.3	7.3	86.7	80.0	66.7	8.7	7.0	7.0	86.7	73.3	63.3
A05-TB-382	8.7	6.7	5.7	86.7	76.7	66.7	8.0	6.3	5.3	85.0	63.3	55.0
AKB 2555	9.0	8.3	5.7	86.7	83.3	60.0	8.7	7.0	6.0	90.0	76.7	65.0
EMPIRE	8.3	7.7	6.7	76.7	68.3	61.7	7.3	6.3	5.3	73.3	58.3	48.3
SHAMROCK	9.0	8.3	7.0	95.0	83.3	73.3	9.0	7.7	7.0	91.7	75.0	65.0
A05-360	9.0	8.7	7.0	91.7	83.3	68.3	9.0	7.7	6.7	95.0	78.3	68.3
A06-47	9.0	7.7	5.0	90.0	81.7	56.7	8.7	6.7	5.3	90.0	66.7	58.3
A98-363	8.7	7.3	7.0	83.3	71.7	63.3	8.0	6.3	6.0	85.0	73.3	66.7
RAD-849	9.0	8.3	7.3	95.0	86.7	78.3	9.0	7.7	7.0	95.0	80.0	76.7
RAD-507	8.3	6.7	5.3	81.7	70.0	58.3	8.0	6.0	5.0	83.3	63.3	51.7
3733	8.3	7.0	5.3	83.3	60.0	55.0	8.3	6.0	5.0	85.0	58.3	55.0
AVID	9.0	8.7	8.3	88.3	78.3	71.7	8.3	6.7	6.0	83.3	65.0	56.7
BLACKJACK	8.7	5.7	4.3	83.3	65.0	51.7	8.0	4.7	2.7	86.7	58.3	45.0
BURL 3-51	8.7	7.7	6.7	78.3	68.3	56.7	7.3	6.3	5.7	78.3	58.3	53.3
MERLOT (LTP-08-6)	8.7	8.0	6.3	86.7	83.3	61.7	9.0	7.3	5.7	86.7	75.0	60.0
PICK MP07	8.7	7.3	6.7	91.3	76.7	66.7	8.7	7.3	5.7	95.0	76.7	66.7
LUNAR (PST-07-261)	8.0	7.7	5.3	81.7	70.0	60.0	8.0	6.3	5.3	78.3	68.3	56.7
MAZAMA (A04-74)	9.0	8.7	8.3	86.7	86.7	76.7	8.7	7.3	6.3	90.0	75.0	70.0
LEGEND (A10-1)	8.7	7.7	7.3	81.7	71.7	68.3	7.7	6.7	6.7	78.3	60.0	56.7
OASIS (A98-344)	7.7	6.3	5.7	70.0	60.0	58.3	6.7	5.3	5.0	75.0	50.0	41.7
PICK TD9	8.0	5.3	3.7	78.3	58.3	48.3	7.7	5.0	2.7	78.3	56.7	41.7
WATERWORKS (A05-204)	7.0	5.3	3.7	66.7	61.7	41.7	6.3	5.7	3.0	66.7	55.0	35.0
RAD-1492	9.0	7.3	5.0	83.3	76.7	53.3	8.7	7.0	4.7	76.7	66.7	46.7
A05-329	7.3	5.7	4.3	66.7	53.3	40.0	6.7	5.0	3.3	66.7	50.0	31.7
LSD VALUE	0.7	1.3	2.4	8.1	11.7	18.1	0.8	1.3	1.9	8.4	13.0	18.5
C.V. (%)	4.4	9.4	18.5	5.7	9.0	14.7	5.6	11.0	17.3	5.9	10.9	16.3

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

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

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA

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

NAME	BEFORE TRAFFIC ON SEPTEMBER 16-17						AFTER TRAFFIC IN FALL (IN END OF OCTOBER)								
	UNIFORMITY RATINGS			FULLNESS OF CANOPY			TURF BRUISING RATINGS			UNIFORMITY RATINGS			FULLNESS OF CANOPY		
	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	97.7	96.3	96.3	9	8.3	2.0	9.0	8.7	8.3	99.0	91.7	95.0
RUBIX (4S2W)	9.0	9.0	8.3	94.7	86.7	90.0	9	9.0	3.7	9.0	6.7	8.0	99.0	78.3	88.3
ARAMINTHA (PP 10847)	9.0	8.7	8.0	93.0	86.7	83.3	9	8.0	1.3	9.0	7.3	7.7	99.0	88.3	86.7
PST-K9-90	8.3	7.3	7.3	91.3	71.7	83.3	9	8.7	4.0	9.0	6.7	7.7	99.0	71.7	85.0
JACKRABBIT (PST-K10-106D)	9.0	8.7	8.3	91.7	81.7	78.3	9	8.7	4.0	9.0	7.7	7.7	97.7	80.0	83.3
SR 2150 (SRX 5321)	9.0	8.7	9.0	90.0	76.7	76.7	9	9.0	3.3	9.0	6.3	7.3	97.7	76.7	83.3
PST-T10-18	9.0	8.7	8.3	93.3	85.0	76.7	9	9.0	4.3	9.0	7.3	7.3	95.0	80.0	80.0
A01-1106	9.0	8.3	8.3	86.7	83.3	78.3	9	9.0	3.3	9.0	7.0	7.3	95.0	78.3	76.7
BOLT (H99-1653)	9.0	9.0	8.7	93.3	85.0	83.3	9	8.3	3.7	9.0	7.3	7.0	97.7	75.0	76.7
BLUE COAT (AKB 2282)	9.0	9.0	8.3	94.3	94.7	86.7	9	9.0	3.7	9.0	8.3	7.3	99.0	88.3	75.0
ENDURANCE (PST-K4-7)	9.0	8.0	8.3	88.3	68.3	66.7	9	9.0	5.7	9.0	6.7	6.3	93.3	73.3	75.0
J-1770	9.0	8.3	8.0	91.7	76.7	81.7	9	8.3	4.7	9.0	6.0	7.3	94.7	63.3	75.0
NU CHICAGO	8.7	8.0	8.3	91.7	75.0	80.0	9	8.3	5.7	9.0	5.3	6.3	93.3	58.3	73.3
SRX 2758	9.0	9.0	8.7	93.3	88.3	85.0	9	8.7	5.7	9.0	6.3	7.0	96.3	75.0	73.3
BAR 8PP 504	9.0	9.0	9.0	96.3	86.7	90.0	9	8.0	3.0	9.0	6.7	6.0	97.7	71.7	71.7
MIDNIGHT	9.0	8.0	8.3	86.7	78.3	80.0	9	9.0	6.7	9.0	6.3	6.3	95.0	75.0	71.7
PST-K9-99	9.0	8.7	8.7	93.3	85.0	86.7	9	8.7	4.0	9.0	7.7	6.3	96.3	81.7	71.7
A05-999	9.0	9.0	8.0	95.0	93.3	78.3	9	9.0	4.7	9.0	8.3	7.0	99.0	80.0	70.0
CABERNET	9.0	8.0	9.0	91.7	86.7	83.3	9	8.3	4.3	9.0	4.7	6.3	95.0	56.7	70.0
DAUNTLESS (A05-315)	9.0	9.0	8.3	94.7	91.7	81.7	9	9.0	5.3	9.0	7.3	5.7	97.7	81.7	70.0
PICK 033	9.0	8.3	8.3	90.0	75.0	75.0	9	8.7	6.0	9.0	5.0	5.3	91.7	70.0	70.0
PICK 4340	9.0	8.3	8.0	90.0	75.0	73.3	9	8.3	5.7	9.0	5.7	6.3	96.3	70.0	70.0
PST-K9-97	9.0	9.0	8.0	90.0	81.7	65.0	9	9.0	5.3	9.0	6.0	6.3	97.7	81.7	70.0
A06-46	9.0	8.3	8.7	95.0	83.3	86.7	9	8.7	5.7	9.0	7.0	6.7	96.3	70.0	68.3
BAR PP 110358	9.0	9.0	9.0	93.3	88.3	86.7	9	8.7	4.0	9.0	7.3	5.7	97.7	75.0	68.3
BAR 12PP 612	8.7	8.0	8.3	90.0	76.7	73.3	9	8.7	5.0	9.0	5.0	6.3	93.3	61.7	66.7
SRX 4338	9.0	8.3	8.7	93.3	81.7	78.3	9	8.7	5.7	8.7	6.7	6.3	95.0	71.7	66.7
BAR PP 119326	8.3	7.7	7.3	80.0	63.3	66.7	9	8.7	4.7	9.0	5.0	5.7	94.7	63.3	65.0
BAR VV 118532	8.3	7.0	6.0	78.3	66.7	66.7	9	9.0	5.3	9.0	6.7	6.0	93.3	71.7	65.0
BLUE NOTE	9.0	9.0	9.0	94.7	86.7	76.7	9	9.0	4.7	9.0	7.0	5.7	96.0	71.7	65.0
BLUEBANK (A03-1017)	9.0	8.3	9.0	91.7	80.0	81.7	9	8.7	5.7	9.0	6.3	6.7	91.7	70.0	65.0
KEENELAND (A04-342)	9.0	8.3	8.3	90.0	73.3	71.7	9	8.7	3.7	9.0	6.0	6.3	93.3	70.0	65.0
A00-4199	9.0	9.0	8.7	93.3	86.7	78.3	9	8.7	4.0	9.0	7.7	6.3	97.7	78.3	63.3
ARROWHEAD	9.0	8.7	8.3	95.0	88.3	83.3	9	9.0	5.3	9.0	7.0	6.3	96.3	78.3	63.3
BARDUKE	9.0	8.0	8.0	86.7	73.3	71.7	9	9.0	5.0	9.0	6.0	5.3	94.7	60.0	61.7
J-1136	8.7	8.0	8.3	86.7	65.0	68.3	9	8.7	4.3	9.0	4.7	6.0	91.7	63.3	61.7
RUSH	9.0	8.3	8.0	94.7	80.0	75.0	9	8.3	3.3	9.0	5.0	5.3	96.3	63.3	61.7
A04-38	9.0	8.3	8.0	93.3	76.7	73.3	9	8.7	5.7	9.0	5.3	5.0	95.0	60.0	60.0
A06-26	9.0	8.0	7.7	81.7	66.7	70.0	9	9.0	4.3	9.0	6.3	5.7	95.0	75.0	60.0
J-1853	8.7	7.7	8.0	90.0	75.0	73.3	9	8.7	5.0	9.0	6.0	5.3	93.3	68.3	60.0
KENBLUE	9.0	8.3	8.0	91.7	76.7	66.7	9	9.0	5.0	9.0	4.7	5.3	93.3	56.7	60.0
PICK TD8	9.0	7.7	7.3	85.0	71.7	68.3	9	9.0	5.3	9.0	6.3	6.0	91.7	65.0	60.0
A04-36	9.0	8.7	7.7	90.0	78.3	66.7	9	8.7	4.7	9.0	6.7	5.3	95.0	75.0	58.3
AWARD	8.7	7.3	7.7	85.0	66.7	73.3	9	8.3	4.7	9.0	5.3	6.0	95.0	60.0	58.3
BAR PP 119327	9.0	8.3	9.0	93.3	81.7	83.3	9	8.0	3.7	9.0	6.7	5.3	94.7	71.7	58.3
BAR VV 112916	8.7	8.0	7.7	88.3	71.7	70.0	9	9.0	6.0	8.7	7.0	5.3	96.3	68.3	58.3

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2014 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

RUTGERS NAME TRAFFIC	BEFORE TRAFFIC ON SEPTEMBER 16-17						AFTER TRAFFIC IN FALL (IN END OF OCTOBER)								
	UNIFORMITY RATINGS			FULLNESS OF CANOPY			TURF BRUISING RATINGS			UNIFORMITY RATINGS			FULLNESS OF CANOPY		
	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	RUTGERS	NO	CADY	
	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	
SUDDEN IMPACT	8.7	7.3	7.3	88.3	70.0	70.0	9	8.0	4.7	9.0	5.7	5.0	91.7	70.0	58.3
THERMAL BLUE	9.0	7.3	8.0	86.7	65.0	73.3	9	8.3	4.3	9.0	7.0	6.0	95.0	71.7	58.3
BARON	8.7	7.3	7.3	85.0	73.3	73.3	9	8.7	4.7	9.0	6.3	5.0	96.3	70.0	56.7
PST-K4-3	9.0	8.7	6.0	91.7	75.0	65.0	9	8.7	5.3	9.0	5.7	4.3	96.3	70.0	56.7
ZINGER (A05-306)	9.0	8.7	8.3	95.0	85.0	80.0	9	8.3	3.7	9.0	6.7	6.3	95.0	61.7	55.0
A05-361	8.7	7.7	7.3	91.7	73.3	75.0	9	8.3	5.3	9.0	5.3	4.7	94.7	48.3	53.3
AMERICA	8.7	7.0	6.7	80.0	65.0	68.3	9	8.7	5.3	9.0	5.0	5.0	90.0	60.0	53.3
BURL 06-11	9.0	7.7	6.3	85.0	65.0	56.7	9	8.0	4.0	9.0	6.0	5.0	91.7	65.0	53.3
SRX 466	9.0	7.3	6.7	83.3	65.0	61.7	9	9.0	5.7	9.0	6.0	4.3	91.7	61.7	53.3
GEISHA (DPPP818)	7.3	6.7	5.7	75.0	61.7	55.0	9	8.7	5.0	9.0	5.7	4.7	93.3	61.7	51.7
SKYE	9.0	9.0	8.3	93.3	90.0	88.3	9	8.7	4.3	9.0	7.3	5.0	95.0	73.3	51.7
ZEDOR (PPH 9131)	8.7	7.7	6.3	83.3	71.7	61.7	9	8.0	4.3	9.0	5.0	4.7	91.7	55.0	51.7
A00-2882	9.0	8.0	7.3	88.3	66.7	63.3	9	8.3	2.3	9.0	5.3	5.3	91.7	58.3	50.0
A05-TB-382	8.7	7.3	6.7	88.3	68.3	63.3	9	9.0	5.7	9.0	5.3	4.7	91.7	53.3	50.0
AKB 2555	8.7	8.0	6.7	88.3	73.3	61.7	9	9.0	5.7	9.0	6.7	4.7	96.3	71.7	50.0
EMPIRE	7.7	5.7	6.0	66.7	48.3	43.3	9	8.7	4.3	8.7	6.0	4.3	88.3	65.0	48.3
SHAMROCK	9.0	7.7	7.7	86.7	68.3	61.7	9	9.0	5.7	9.0	7.0	5.0	96.3	73.3	48.3
A05-360	9.0	8.0	7.0	93.3	76.7	75.0	9	8.7	4.7	9.0	6.0	4.0	93.3	60.0	46.7
A06-47	9.0	8.0	6.7	88.3	76.7	56.7	9	8.7	5.3	9.0	5.7	4.0	95.0	65.0	46.7
A98-363	8.3	7.3	7.0	78.3	61.7	53.3	9	8.7	4.3	8.3	5.3	3.3	91.7	55.0	45.0
RAD-849	9.0	8.7	7.7	90.0	78.3	75.0	9	8.3	4.3	9.0	5.0	5.0	95.0	65.0	45.0
RAD-507	8.7	7.0	6.0	85.0	70.0	65.0	9	9.0	5.7	9.0	5.7	3.7	93.3	55.0	43.3
3733	8.3	6.3	6.0	80.0	63.3	55.0	9	9.0	6.0	8.7	5.7	4.0	93.3	58.3	41.7
AVID	9.0	7.7	7.7	76.7	56.7	56.7	9	8.7	4.0	9.0	6.0	4.0	93.0	65.0	40.0
BLACKJACK	8.3	5.7	3.7	78.3	53.3	45.0	9	9.0	6.3	9.0	5.3	3.3	91.7	55.0	40.0
BURL 3-51	8.0	6.7	5.7	75.0	56.7	55.0	9	8.7	5.3	8.0	4.7	3.0	88.3	60.0	40.0
MERLOT (LTP-08-6)	8.7	7.7	6.3	78.3	65.0	61.7	9	8.7	5.3	9.0	5.7	4.0	91.7	58.3	40.0
PICK MP07	8.7	8.0	7.3	86.7	71.7	60.0	9	7.7	5.0	9.0	5.0	2.7	96.3	61.7	40.0
LUNAR (PST-07-261)	8.3	6.7	6.3	78.3	60.0	48.3	9	9.0	5.3	9.0	5.0	4.0	96.3	65.0	38.3
MAZAMA (A04-74)	8.7	8.0	7.3	85.0	71.7	73.3	9	9.0	5.3	9.0	6.3	3.7	88.3	60.0	36.7
LEGEND (A10-1)	8.0	7.0	7.0	80.0	60.0	60.0	9	9.0	5.3	8.7	5.7	3.7	88.3	46.7	36.7
OASIS (A98-344)	7.0	6.0	5.7	73.3	53.3	51.7	9	8.7	5.3	8.3	5.0	3.0	88.3	58.3	35.0
PICK TD9	8.3	6.3	4.0	83.3	60.0	48.3	9	9.0	6.0	9.0	5.3	2.0	94.7	58.3	35.0
WATERWORKS (A05-204)	6.3	6.3	3.3	68.3	55.0	58.3	9	8.3	6.0	8.0	4.7	1.7	83.3	45.0	26.7
RAD-1492	7.7	6.3	4.3	81.7	65.0	50.0	9	8.7	5.7	8.7	4.7	2.0	88.3	48.3	25.0
A05-329	6.7	4.0	3.3	71.7	40.0	38.3	9	8.7	6.0	8.0	4.3	2.7	86.7	38.3	23.3
LSD VALUE	0.8	1.4	1.8	10.2	14.8	18.1	0	1.4	1.8	0.5	2.1	1.8	4.7	16.6	20.2
C.V. (%)	5.4	10.9	14.7	7.0	12.4	15.4	0	5.6	21.4	2.9	18.1	21.4	3.0	14.5	21.2

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

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

TABLE 26.
(CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 27						AFTER TRAFFIC IN SPRING (JUNE 5)					
	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	9.0	99.0	96.3	96.0	9.0	8.7	8.3	93.3	80.0	81.7
RUBIX (4S2W)	9.0	7.7	7.0	99.0	83.3	65.0	9.0	8.7	7.3	97.7	81.7	71.7
ARROWHEAD	9.0	6.3	5.7	97.7	70.0	61.7	9.0	7.7	3.7	99.0	73.3	36.7
ARAMINTHA (PP 10847)	9.0	8.3	7.7	99.0	91.3	75.0	9.0	9.0	8.7	99.0	93.3	88.3
SRX 2758	8.7	6.7	5.3	91.7	61.7	55.0	9.0	8.0	5.3	95.0	66.7	46.7
BOLT (H99-1653)	9.0	7.3	7.7	99.0	85.0	78.3	9.0	8.3	6.7	95.0	71.7	61.7
A06-46	8.7	6.3	5.7	94.7	71.7	50.0	9.0	7.7	5.0	94.7	73.3	50.0
DAUNTLESS (A05-315)	9.0	7.7	6.3	94.7	83.3	68.3	9.0	9.0	7.0	97.7	88.3	71.7
PST-K9-99	9.0	8.0	6.0	97.7	81.7	60.0	9.0	8.3	7.0	97.7	83.3	70.0
SR 2150 (SRX 5321)	9.0	7.7	6.3	93.0	80.0	61.7	9.0	9.0	8.3	99.0	88.3	81.7
A01-1106	8.0	7.0	4.7	88.3	73.3	38.3	9.0	7.3	4.3	91.7	76.7	45.0
JACKRABBIT (PST-K10-106D)	9.0	6.7	6.3	97.7	81.7	65.0	9.0	7.3	6.7	95.0	70.0	66.7
MIDNIGHT	8.3	5.0	4.7	93.0	56.7	41.7	9.0	6.7	4.3	91.7	61.7	40.0
NU CHICAGO	9.0	6.3	5.3	89.7	65.0	45.0	8.7	6.7	5.0	91.7	70.0	51.7
PST-K9-90	9.0	6.3	6.3	96.0	60.0	63.3	9.0	7.3	7.0	96.3	68.3	65.0
SRX 4338	8.7	6.3	5.3	94.7	58.3	51.7	9.0	7.0	4.7	93.3	75.0	45.0
A00-2882	8.0	5.3	4.7	80.0	55.0	40.0	8.0	6.0	2.3	81.7	55.0	28.3
BLUEBANK (A03-1017)	8.3	7.3	6.0	89.7	66.7	45.0	9.0	8.0	4.3	93.3	78.3	53.3
ENDURANCE (PST-K4-7)	9.0	7.0	6.0	96.0	68.3	58.3	9.0	8.0	5.3	94.7	80.0	63.3
J-1770	9.0	5.7	5.0	88.3	51.7	36.7	9.0	7.0	4.7	96.3	66.7	45.0
PICK TD8	8.7	6.0	4.7	91.3	75.0	50.0	8.7	7.0	4.0	91.7	73.3	43.3
PST-T10-18	9.0	8.7	7.3	99.0	91.7	83.3	9.0	8.0	6.0	97.7	75.0	65.0
RUSH	9.0	5.3	5.0	96.3	60.0	53.3	9.0	7.7	4.0	96.3	80.0	50.0
A06-26	9.0	6.3	4.3	97.7	65.0	43.3	9.0	8.3	3.7	93.3	81.7	51.7
BAR VV 118532	8.0	7.3	5.7	88.0	74.7	60.0	8.7	7.7	6.3	94.7	73.3	70.0
A00-4199	8.7	8.3	5.3	90.0	83.3	48.3	9.0	8.0	5.7	96.3	75.0	61.7
A05-999	8.3	7.7	6.3	96.3	81.7	63.3	9.0	7.0	4.3	99.0	76.7	51.7
J-1136	8.0	5.3	4.0	81.7	53.3	35.0	8.7	7.3	2.7	90.0	71.7	38.3
J-1853	8.3	6.0	5.0	85.0	68.3	51.7	9.0	8.0	4.7	96.3	81.7	48.3
AWARD	8.0	4.7	4.7	85.0	53.3	40.0	8.7	6.3	3.3	90.0	66.7	43.3
BAR PP 110358	9.0	8.3	5.3	99.0	86.7	51.7	9.0	8.3	4.0	96.3	86.7	40.0
A05-361	9.0	6.0	5.0	96.0	60.0	48.3	9.0	7.7	3.7	97.7	75.0	45.0
AMERICA	8.0	5.3	4.0	88.3	68.3	40.0	9.0	6.7	3.7	91.7	68.3	43.3
BAR 12PP 612	8.7	6.3	4.7	88.0	60.0	43.3	9.0	8.0	5.0	93.3	76.7	48.3
BAR VV 112916	9.0	8.7	6.7	99.0	88.0	65.0	9.0	8.0	5.7	96.3	76.7	60.0
BARON	8.3	6.3	4.3	91.0	61.7	38.3	8.7	6.7	4.7	90.0	65.0	50.0
BLUE NOTE	9.0	7.3	5.0	97.7	78.3	45.0	9.0	8.7	6.3	96.3	86.7	60.0
BURL 06-11	8.0	6.0	4.3	91.3	63.3	45.0	9.0	7.3	3.7	93.0	73.3	41.7
CABERNET	8.7	7.3	8.0	85.0	66.7	66.7	8.7	7.7	6.7	94.7	81.7	65.0
PICK 4340	8.7	6.7	5.3	90.0	60.0	50.0	9.0	7.3	5.0	95.0	70.0	51.7
PST-K9-97	8.7	7.0	5.0	96.0	71.7	55.0	8.7	6.0	3.3	91.7	71.7	46.7
BAR 8PP 504	9.0	8.3	5.0	96.0	89.7	50.0	9.0	8.7	7.0	99.0	90.0	75.0
BLUE COAT (AKB 2282)	9.0	7.7	6.0	97.7	80.0	63.3	9.0	8.7	7.0	96.3	88.3	66.7
PST-K4-3	9.0	6.0	4.7	96.0	65.0	45.0	9.0	6.0	3.3	95.0	56.7	30.0
SRX 466	8.3	6.3	5.0	86.3	53.3	40.0	9.0	7.0	2.7	88.3	60.0	33.3
SUDDEN IMPACT	7.7	4.7	3.7	76.7	48.3	36.7	8.7	7.0	3.3	90.0	68.3	40.0

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 27						AFTER TRAFFIC IN SPRING (JUNE 5)					
	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
THERMAL BLUE	8.7	8.0	6.0	94.7	76.7	58.3	9.0	7.7	6.0	91.7	70.0	56.7
3733	8.0	5.7	3.7	90.0	66.7	46.7	8.7	6.3	2.7	91.7	63.3	28.3
BAR PP 119327	9.0	7.3	4.7	97.7	71.7	43.3	9.0	7.7	5.7	96.3	75.0	60.0
BARDUKE	8.3	5.0	4.3	96.3	60.0	51.7	8.7	7.0	4.3	91.7	58.3	40.0
EMPIRE	7.7	5.3	3.3	86.7	50.0	35.0	8.7	6.0	2.0	91.7	55.0	23.3
KEENELAND (A04-342)	8.0	6.3	4.3	86.7	55.0	40.0	9.0	7.7	4.3	93.3	71.7	40.0
AKB 2555	9.0	5.3	3.3	94.7	65.0	51.7	8.7	6.3	2.7	91.7	71.7	36.7
BURL 3-51	7.7	5.0	3.0	78.3	48.3	26.7	8.3	6.0	2.0	83.3	56.7	26.7
GEISHA (DPPP818)	8.3	5.0	4.3	81.7	48.3	31.7	9.0	7.3	4.7	88.3	66.7	46.7
SHAMROCK	9.0	7.3	5.0	91.7	76.7	50.0	9.0	8.0	4.7	97.7	81.7	50.0
A05-360	8.7	6.7	6.0	91.7	75.0	60.0	9.0	8.0	3.0	91.7	71.7	36.7
A98-363	8.3	5.3	3.7	88.0	55.0	36.7	8.7	6.3	3.0	91.7	63.3	33.3
BAR PP 119326	8.3	6.3	6.0	88.3	61.7	53.3	8.7	6.7	5.3	90.0	66.7	55.0
AVID	8.3	6.0	4.7	86.3	63.3	41.7	8.7	7.7	3.3	91.7	70.0	40.0
BLACKJACK	8.0	5.0	2.7	80.0	65.0	35.0	8.0	5.7	1.7	85.0	61.7	23.3
LUNAR (PST-07-261)	8.7	6.0	4.7	96.3	71.7	45.0	8.7	6.0	3.7	93.0	65.0	36.7
MERLOT (LTP-08-6)	8.3	5.3	4.0	86.7	53.3	40.0	9.0	6.7	3.0	90.0	63.3	35.0
OASIS (A98-344)	7.0	4.7	3.0	80.0	51.7	25.0	8.0	6.0	2.0	85.0	56.7	28.3
A04-36	8.7	7.7	5.3	93.3	76.7	51.7	9.0	7.7	5.7	95.0	78.3	56.7
A04-38	8.7	6.0	4.7	93.0	55.0	41.7	9.0	8.7	5.7	96.0	80.0	63.3
A06-47	8.3	7.0	4.3	90.0	70.0	43.3	8.7	7.3	3.0	91.7	76.7	33.3
PICK 033	9.0	7.3	6.0	93.0	73.3	58.3	9.0	7.3	4.0	94.7	63.3	43.3
A05-TB-382	8.7	7.7	5.0	91.7	68.3	45.0	8.7	7.0	4.0	91.7	73.3	45.0
KENBLUE	8.7	7.3	6.0	96.0	78.3	66.7	8.7	8.0	6.3	96.3	80.0	71.7
LEGEND (A10-1)	8.0	6.3	4.0	90.0	65.0	40.0	8.7	7.0	3.0	90.0	68.3	38.3
RAD-1492	7.7	4.7	2.7	81.7	56.7	30.0	9.0	6.7	1.7	86.7	60.0	26.7
RAD-849	8.0	6.3	5.0	81.7	61.7	41.7	9.0	7.3	3.7	93.0	73.3	38.3
ZEDOR (PPH 9131)	8.3	6.0	5.3	88.3	53.3	45.0	9.0	7.7	5.7	88.3	66.7	51.7
ZINGER (A05-306)	9.0	6.7	5.3	91.7	66.7	53.3	9.0	8.7	6.3	96.3	85.0	63.3
SKYE	9.0	7.7	6.0	91.3	75.0	55.0	9.0	9.0	6.0	97.7	90.0	63.3
MAZAMA (A04-74)	8.3	7.0	4.3	91.7	65.0	35.0	8.7	7.3	3.0	90.0	70.0	28.3
PICK MP07	8.0	5.0	3.3	88.0	51.7	31.7	8.3	6.0	2.3	88.3	61.7	31.7
RAD-507	8.0	6.3	4.0	86.7	56.7	43.3	8.7	7.0	3.3	91.7	68.3	36.7
A05-329	7.7	3.7	2.3	76.7	41.7	21.7	8.3	5.7	1.7	88.3	56.7	23.3
PICK TD9	8.7	6.0	2.7	90.0	61.7	38.3	8.7	6.7	2.0	94.7	78.3	33.3
WATERWORKS (A05-204)	7.3	5.0	2.0	78.3	46.7	25.0	8.0	6.3	1.0	88.3	68.3	25.0
LSD VALUE	0.9	1.9	1.8	11.2	28.0	19.3	0.7	1.4	2.3	6.2	15.6	22.1
C.V. (%)	5.8	16.8	22.2	6.9	21.3	23.9	3.8	11.3	31.7	3.9	12.4	27.7

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

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

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON JULY 13						AFTER TRAFFIC IN SUMMER (AUGUST 19)					
	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	8.7	8.7	95.0	91.7	91.7	9.0	8.3	8.0	96.0	88.3	85.0
RUBIX (4S2W)	9.0	9.0	7.0	96.3	90.0	76.7	9.0	7.7	6.0	99.0	80.0	65.0
ARROWHEAD	9.0	8.3	5.3	96.3	86.7	60.0	9.0	8.3	5.3	99.0	86.7	51.7
ARAMINTHA (PP 10847)	9.0	9.0	8.7	99.0	95.0	93.3	9.0	8.3	7.3	97.7	81.7	75.0
SRX 2758	9.0	8.0	4.7	95.0	80.0	65.0	9.0	7.7	4.0	96.0	78.3	43.3
BOLT (H99-1653)	9.0	8.3	7.0	91.7	86.7	71.7	9.0	8.3	4.0	99.0	80.0	46.7
A06-46	9.0	8.7	6.7	91.7	83.3	70.0	9.0	7.7	5.3	91.7	71.7	48.3
DAUNTLESS (A05-315)	9.0	9.0	8.0	97.7	93.3	86.7	9.0	8.7	5.0	97.7	88.3	48.3
PST-K9-99	9.0	8.7	7.7	95.0	90.0	83.3	8.7	8.7	7.7	97.7	88.3	71.7
SR 2150 (SRX 5321)	8.7	8.7	7.7	95.0	93.3	83.3	9.0	8.3	5.7	99.0	81.7	60.0
A01-1106	8.3	7.3	4.3	86.7	70.0	45.0	9.0	7.3	4.7	99.0	75.0	48.3
JACKRABBIT (PST-K10-106D)	9.0	8.3	7.0	93.3	85.0	76.7	9.0	8.0	6.7	99.0	80.0	70.0
MIDNIGHT	8.3	7.0	4.3	93.3	76.7	41.7	9.0	7.3	4.7	97.7	75.0	50.0
NU CHICAGO	9.0	7.0	5.7	91.7	81.7	65.0	8.3	6.3	4.7	86.7	63.3	41.7
PST-K9-90	9.0	7.7	7.0	95.0	85.0	85.0	8.3	7.3	5.3	96.0	75.0	55.0
SRX 4338	8.7	8.3	7.0	93.3	88.3	70.0	8.7	7.3	5.7	91.7	70.0	58.3
A00-2882	8.0	7.0	4.3	86.7	73.3	50.0	9.0	7.0	4.0	91.7	66.7	36.7
BLUEBANK (A03-1017)	9.0	8.3	6.3	95.0	85.0	63.3	9.0	7.7	5.0	90.0	70.0	48.3
ENDURANCE (PST-K4-7)	8.7	8.0	6.3	95.0	85.0	65.0	8.7	6.3	4.3	96.0	65.0	41.7
J-1770	8.7	8.0	6.3	93.3	83.3	68.3	8.3	7.3	4.0	88.3	68.3	36.7
PICK TD8	8.3	7.3	5.3	86.7	80.0	60.0	8.3	7.0	4.0	89.7	73.3	45.0
PST-T10-18	9.0	8.3	7.0	94.7	88.3	78.3	9.0	8.0	6.0	96.3	70.0	56.7
RUSH	9.0	8.3	6.7	95.0	88.3	71.7	9.0	7.3	4.7	97.7	68.3	43.3
A06-26	8.7	7.7	5.3	93.3	80.0	61.7	8.7	8.3	5.0	94.7	85.0	53.3
BAR VV 118532	8.7	8.3	7.3	94.7	90.0	80.0	7.7	6.3	4.3	81.7	68.3	45.0
A00-4199	9.0	9.0	8.3	95.0	93.3	83.3	9.0	8.7	5.7	97.7	85.0	55.0
A05-999	9.0	9.0	7.7	96.3	93.3	75.0	9.0	8.3	4.0	99.0	85.0	45.0
J-1136	9.0	8.0	4.7	91.7	85.0	55.0	8.7	7.3	2.7	94.3	70.0	31.7
J-1853	9.0	8.7	6.0	91.7	85.0	61.7	7.3	7.3	4.3	85.0	71.7	41.7
AWARD	8.3	7.3	4.3	88.3	81.7	61.7	8.3	6.7	4.0	93.0	63.3	40.0
BAR PP 110358	9.0	8.3	5.7	96.3	93.0	68.3	9.0	8.0	3.7	97.7	81.7	43.3
A05-361	9.0	8.0	5.3	93.0	81.7	61.7	7.3	5.7	2.3	84.7	60.0	31.7
AMERICA	8.7	7.7	5.3	91.7	76.7	61.7	7.7	5.7	3.7	80.0	60.0	41.7
BAR 12PP 612	9.0	8.7	6.0	90.0	83.3	66.7	7.0	5.7	3.3	76.7	56.7	33.3
BAR VV 112916	9.0	8.3	7.0	95.0	85.0	73.3	9.0	7.0	4.7	96.3	76.7	45.0
BARON	8.7	7.7	5.3	93.3	83.3	61.7	8.7	7.7	5.0	97.7	70.0	51.7
BLUE NOTE	9.0	9.0	6.0	96.3	91.7	61.7	9.0	8.0	6.0	99.0	78.3	56.7
BURL 06-11	8.3	8.0	5.3	93.3	90.0	63.3	8.3	6.3	4.3	94.7	63.3	40.0
CABERNET	9.0	8.3	8.0	93.3	88.3	80.0	8.3	7.0	4.0	86.7	73.3	43.3
PICK 4340	9.0	8.3	6.0	96.3	80.0	66.7	9.0	7.7	5.3	94.7	65.0	51.7
PST-K9-97	9.0	8.3	6.0	88.3	83.3	63.3	9.0	6.7	4.3	99.0	66.7	46.7
BAR 8PP 504	9.0	9.0	7.7	97.7	93.3	81.7	8.0	6.7	4.0	87.7	71.7	40.0
BLUE COAT (AKB 2282)	9.0	9.0	7.3	95.0	91.7	76.7	8.3	7.3	3.3	96.3	78.3	35.0
PST-K4-3	8.7	7.7	4.0	94.7	80.0	53.3	8.7	6.0	2.7	90.0	61.7	35.0
SRX 466	8.0	6.7	3.7	80.0	71.7	40.0	8.3	6.7	3.0	86.7	70.0	30.0
SUDDEN IMPACT	8.7	8.0	5.0	90.0	75.0	48.3	8.7	6.7	4.0	94.7	63.3	38.3

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON JULY 13						AFTER TRAFFIC IN SUMMER (AUGUST 19)					
	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
THERMAL BLUE	9.0	8.0	6.7	93.3	80.0	70.0	9.0	8.0	6.3	94.7	75.0	56.7
3733	8.7	7.0	4.0	88.3	73.3	53.3	8.7	6.7	3.0	96.0	63.3	35.0
BAR PP 119327	9.0	8.7	7.3	96.3	86.7	78.3	9.0	8.3	6.0	96.3	85.0	56.7
BARDUKE	9.0	8.3	6.7	95.0	81.7	65.0	8.7	7.0	4.0	94.7	73.3	46.7
EMPIRE	7.7	6.3	3.3	76.7	63.3	45.0	8.3	6.7	3.0	88.3	66.7	31.7
KEENELAND (A04-342)	9.0	8.3	5.7	91.7	81.7	60.0	8.3	7.7	4.7	89.7	73.3	43.3
AKB 2555	9.0	8.3	5.3	93.3	90.0	61.7	8.7	5.7	2.7	93.3	58.3	31.7
BURL 3-51	7.3	6.0	3.3	78.3	63.3	36.7	8.0	6.0	3.3	83.3	60.0	36.7
GEISHA (DPPP818)	9.0	8.3	7.0	95.0	83.3	70.0	8.7	7.0	5.3	91.7	73.3	55.0
SHAMROCK	9.0	8.7	6.0	95.0	90.0	61.7	9.0	7.3	4.0	96.3	76.7	41.7
A05-360	9.0	8.3	5.7	88.3	85.0	68.3	9.0	8.0	3.7	93.3	75.0	38.3
A98-363	8.0	7.3	6.0	90.0	78.3	63.3	8.0	6.7	3.0	88.0	66.7	36.7
BAR PP 119326	8.7	7.7	5.7	90.0	75.0	63.3	9.0	7.7	6.3	97.7	75.0	58.3
AVID	8.3	7.7	4.7	83.3	73.3	50.0	8.7	7.3	4.7	93.0	75.0	43.3
BLACKJACK	8.0	6.3	3.3	85.0	68.3	43.3	8.7	6.3	2.3	89.7	63.3	30.0
LUNAR (PST-07-261)	8.7	7.7	4.7	83.3	75.0	60.0	9.0	6.3	2.0	93.3	65.0	23.3
MERLOT (LTP-08-6)	8.3	7.7	5.3	91.7	76.7	61.7	8.7	7.3	4.3	93.3	76.7	48.3
OASIS (A98-344)	7.3	5.7	3.0	75.0	60.0	33.3	7.7	6.3	3.0	88.0	63.3	36.7
A04-36	9.0	8.7	7.3	93.3	85.0	66.7	9.0	8.0	4.3	97.7	81.7	40.0
A04-38	9.0	8.7	6.3	91.7	85.0	68.3	8.7	7.3	3.7	93.3	71.7	41.7
A06-47	8.3	7.7	4.0	85.0	78.3	46.7	9.0	7.3	3.0	96.0	73.3	40.0
PICK 033	8.7	8.3	6.3	91.7	80.0	65.0	8.7	6.7	3.3	91.7	68.3	33.3
A05-TB-382	8.7	7.7	4.7	89.7	81.7	63.3	8.0	6.7	2.7	85.0	65.0	30.0
KENBLUE	9.0	9.0	7.7	96.3	91.7	83.3	7.3	6.3	3.3	81.3	65.0	28.3
LEGEND (A10-1)	8.0	6.7	4.3	80.0	73.3	58.3	8.3	6.7	4.3	91.7	66.7	38.3
RAD-1492	8.7	8.0	3.7	86.7	81.7	43.3	8.0	5.7	2.3	88.3	61.7	25.0
RAD-849	9.0	8.0	5.0	90.0	80.0	61.7	7.3	6.0	3.0	80.0	65.0	30.0
ZEDOR (PPH 9131)	9.0	8.0	6.3	91.7	81.7	71.7	8.7	6.7	4.7	91.7	68.3	46.7
ZINGER (A05-306)	9.0	9.0	7.3	96.3	90.0	80.0	8.3	7.7	4.3	94.7	75.0	46.7
SKYE	9.0	9.0	7.3	95.0	91.7	73.3	8.7	8.3	3.7	92.7	81.7	36.7
MAZAMA (A04-74)	8.3	7.0	5.0	91.7	76.7	56.7	9.0	7.7	4.3	93.0	76.7	38.3
PICK MP07	8.3	7.3	3.7	90.0	73.3	51.7	8.7	6.3	2.3	91.3	61.7	31.7
RAD-507	9.0	7.7	4.3	93.3	78.3	60.0	8.3	6.3	2.3	88.3	61.7	26.7
A05-329	7.7	6.3	2.7	80.0	73.3	40.0	7.3	5.7	1.3	78.3	56.7	13.3
PICK TD9	8.7	7.7	4.0	88.3	75.0	53.3	8.0	5.7	1.0	91.3	51.7	10.0
WATERWORKS (A05-204)	7.3	7.3	3.0	81.7	80.0	36.7	6.0	5.3	1.0	76.7	55.0	13.3
LSD VALUE	0.7	1.3	2.1	7.8	11.9	24.0	4.1	2.2	2.3	28.7	17.6	20.0
C.V. (%)	4.9	9.4	21.7	5.1	8.5	21.1	11.8	14.8	32.2	9.6	13.2	27.7

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

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

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON SEPTEMBER 30						AFTER TRAFFIC IN FALL ON NOVEMBER 4-6					
	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
BARVETTE HGT (BAR VV 0709)	9.0	9.0	9.0	97.7	95.0	85.0	9.0	9.0	7.7	99.0	88.3	78.3
RUBIX (4S2W)	9.0	8.7	6.3	94.7	80.0	56.7	9.0	8.3	7.0	99.0	83.3	71.7
ARROWHEAD	9.0	9.0	7.0	95.0	86.7	63.3	9.0	8.7	7.3	97.7	85.0	65.0
ARAMINTHA (PP 10847)	9.0	8.7	7.7	94.7	85.0	73.3	9.0	9.0	6.3	97.7	90.0	63.3
SRX 2758	9.0	8.7	5.3	93.3	78.3	51.7	9.0	9.0	6.3	94.7	86.7	63.3
BOLT (H99-1653)	9.0	8.3	5.3	91.7	78.3	48.3	8.7	8.7	6.3	95.0	85.0	58.3
A06-46	8.7	8.3	6.7	93.0	78.3	55.0	9.0	8.3	6.3	93.3	86.7	56.7
DAUNTLESS (A05-315)	8.7	9.0	6.3	90.0	86.7	60.0	8.7	8.0	5.7	91.7	81.7	56.7
PST-K9-99	8.3	9.0	7.7	86.7	86.7	63.3	8.7	8.0	5.3	91.7	85.0	56.7
SR 2150 (SRX 5321)	8.7	9.0	6.0	91.7	81.7	51.7	9.0	8.7	6.3	93.0	85.0	56.7
A01-1106	9.0	7.7	4.7	81.7	66.7	33.3	9.0	8.7	5.7	96.3	83.3	55.0
JACKRABBIT (PST-K10-106D)	9.0	8.7	6.7	86.7	75.0	51.7	9.0	8.3	6.0	90.0	78.3	55.0
MIDNIGHT	9.0	7.7	5.0	86.7	66.7	41.7	9.0	8.3	5.7	95.0	85.0	55.0
NU CHICAGO	8.3	7.7	5.3	85.0	66.7	56.7	8.7	7.7	6.3	94.7	81.7	55.0
PST-K9-90	8.7	8.7	6.0	88.3	80.0	60.0	9.0	8.0	5.0	93.0	83.3	55.0
SRX 4338	9.0	8.3	7.0	93.3	80.0	55.0	9.0	8.0	5.7	99.0	86.7	55.0
A00-2882	8.7	7.3	5.0	90.0	70.0	48.3	9.0	8.3	5.0	90.0	81.7	53.3
BLUEBANK (A03-1017)	9.0	7.7	6.3	88.3	70.0	53.3	9.0	7.7	5.7	95.0	83.3	53.3
ENDURANCE (PST-K4-7)	9.0	8.0	5.3	90.0	61.7	50.0	9.0	7.7	5.7	95.0	78.3	53.3
J-1770	9.0	7.7	5.0	88.3	70.0	48.3	9.0	7.7	5.7	93.3	73.3	53.3
PICK TD8	8.7	7.7	5.3	88.3	71.7	55.0	8.7	8.3	4.7	91.7	81.7	53.3
PST-T10-18	9.0	8.7	7.0	90.0	71.7	46.7	9.0	8.0	6.3	93.0	80.0	53.3
RUSH	9.0	8.0	5.7	90.0	75.0	56.7	9.0	8.0	5.3	95.0	80.0	53.3
A06-26	9.0	8.3	5.0	88.3	73.3	48.3	8.7	8.3	4.7	93.3	81.7	51.7
BAR VV 118532	7.3	7.3	5.3	73.3	66.7	51.7	9.0	7.7	5.0	91.7	73.3	51.7
A00-4199	9.0	9.0	7.3	90.0	81.7	58.3	9.0	8.3	5.3	94.7	88.3	50.0
A05-999	9.0	9.0	6.3	93.3	81.7	60.0	9.0	8.7	5.7	96.3	85.0	50.0
J-1136	8.7	7.3	3.7	83.3	70.0	35.0	9.0	7.7	4.3	93.3	76.7	50.0
J-1853	7.7	8.3	6.0	85.0	71.7	48.3	8.7	8.3	6.3	90.0	80.0	50.0
AWARD	8.7	8.0	5.7	85.0	70.0	43.3	9.0	8.0	5.0	95.0	78.3	48.3
BAR PP 110358	9.0	9.0	6.0	96.3	86.7	61.7	9.0	8.0	3.7	99.0	88.3	48.3
A05-361	8.3	7.3	4.7	83.3	70.0	46.7	8.3	7.7	4.0	86.7	76.7	46.7
AMERICA	8.3	7.0	4.7	71.7	63.3	43.3	8.3	7.3	4.3	86.7	73.3	46.7
BAR 12PP 612	7.7	7.3	6.0	76.7	73.3	53.3	7.7	7.7	4.7	78.3	78.3	46.7
BAR VV 112916	9.0	8.7	6.7	91.7	80.0	61.7	9.0	8.0	4.3	97.7	83.3	46.7
BARON	9.0	8.3	5.3	90.0	78.3	45.0	9.0	8.3	4.3	93.3	81.7	46.7
BLUE NOTE	9.0	8.3	5.7	95.0	78.3	43.3	8.7	8.3	5.3	96.3	83.3	46.7
BURL 06-11	8.3	7.3	5.7	81.7	66.7	40.0	8.7	7.7	4.7	90.0	78.3	46.7
CABERNET	8.7	8.0	5.3	90.0	73.3	56.7	9.0	8.0	5.0	86.7	80.0	46.7
PICK 4340	9.0	7.7	5.7	90.0	71.7	46.7	9.0	8.0	4.3	94.7	78.3	46.7
PST-K9-97	9.0	7.7	5.3	91.7	70.0	50.0	8.7	7.3	5.3	96.3	75.0	46.7
BAR 8PP 504	8.7	8.3	5.3	89.7	78.3	56.7	8.7	8.0	4.0	91.3	85.0	45.0
BLUE COAT (AKB 2282)	8.7	8.3	4.0	88.3	76.7	40.0	9.0	8.3	3.7	90.0	83.3	45.0
PST-K4-3	8.7	7.7	4.3	86.7	66.7	35.0	9.0	8.0	4.0	93.0	76.7	45.0
SRX 466	8.3	8.3	3.7	76.7	75.0	38.3	9.0	8.0	3.7	93.3	86.7	45.0
SUDDEN IMPACT	9.0	8.0	5.0	90.0	70.0	40.0	9.0	8.0	5.0	93.3	76.7	45.0

TABLE 26. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ
2015 DATA
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON SEPTEMBER 30						AFTER TRAFFIC IN FALL ON NOVEMBER 4-6					
	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
THERMAL BLUE	9.0	7.7	6.0	88.3	73.3	53.3	9.0	7.7	4.7	91.7	75.0	45.0
3733	9.0	8.0	5.0	85.0	71.7	33.3	8.7	8.0	4.3	93.3	81.7	43.3
BAR PP 119327	9.0	8.7	5.3	90.0	80.0	50.0	9.0	8.0	4.3	95.0	81.7	43.3
BARDUKE	9.0	7.7	5.3	90.0	65.0	41.7	8.7	8.0	4.0	91.7	78.3	43.3
EMPIRE	7.3	6.7	4.3	70.0	56.7	33.3	9.0	8.3	4.0	90.0	78.3	43.3
KEENELAND (A04-342)	8.3	7.7	5.0	88.3	71.7	38.3	8.3	8.0	5.0	88.3	81.7	43.3
AKB 2555	8.7	6.0	4.3	90.0	58.3	41.7	8.7	7.3	3.7	93.0	76.7	41.7
BURL 3-51	7.7	6.3	3.7	73.3	56.7	26.7	9.0	7.7	4.0	91.7	76.7	41.7
GEISHA (DPPP818)	8.0	7.0	5.0	80.0	65.0	48.3	8.3	7.3	4.0	90.0	80.0	41.7
SHAMROCK	9.0	8.3	5.3	91.7	71.7	40.0	8.7	8.3	4.7	93.3	81.7	41.7
A05-360	9.0	7.7	5.3	90.0	73.3	45.0	9.0	8.3	3.7	95.0	85.0	40.0
A98-363	8.3	7.7	4.3	81.7	63.3	38.3	8.3	7.0	3.7	90.0	73.3	40.0
BAR PP 119326	9.0	7.3	5.7	91.7	70.0	46.7	8.3	7.0	4.3	91.7	73.3	40.0
AVID	8.7	7.7	4.7	75.0	63.3	30.0	8.7	8.3	4.7	90.0	78.3	38.3
BLACKJACK	8.3	7.7	4.0	83.3	66.7	40.0	8.7	7.7	3.3	90.0	75.0	38.3
LUNAR (PST-07-261)	8.7	6.7	3.7	81.7	58.3	36.7	9.0	7.7	3.0	93.3	76.7	38.3
MERLOT (LTP-08-6)	8.7	8.0	5.0	85.0	73.3	38.3	8.7	8.3	3.7	91.7	80.0	38.3
OASIS (A98-344)	8.3	7.7	4.3	75.0	60.0	31.7	8.7	8.0	3.3	88.3	75.0	38.3
A04-36	9.0	9.0	5.0	94.7	86.7	50.0	9.0	8.3	3.7	91.7	81.7	36.7
A04-38	8.3	8.7	5.0	91.7	76.7	45.0	9.0	8.0	4.0	91.7	76.7	36.7
A06-47	9.0	8.7	4.7	86.7	65.0	40.0	9.0	8.0	3.7	91.7	80.0	36.7
PICK 033	8.7	7.7	5.0	90.0	66.7	45.0	8.7	8.0	4.3	93.3	76.7	36.7
A05-TB-382	8.0	7.7	4.7	75.0	70.0	41.7	8.7	8.0	3.7	85.0	76.7	35.0
KENBLUE	7.7	7.7	4.7	86.7	73.3	50.0	8.7	7.7	3.7	86.7	73.3	35.0
LEGEND (A10-1)	7.7	6.7	4.7	76.7	63.3	40.0	8.7	7.7	4.3	88.3	78.3	35.0
RAD-1492	8.3	7.3	4.7	80.0	70.0	33.3	8.7	8.0	3.7	90.0	75.0	35.0
RAD-849	7.3	7.0	3.7	80.0	61.7	33.3	7.7	6.7	3.3	81.7	71.7	35.0
ZEDOR (PPH 9131)	8.7	7.3	5.3	81.7	68.3	45.0	9.0	7.0	3.7	90.0	68.3	35.0
ZINGER (A05-306)	8.7	8.3	5.0	90.0	78.3	38.3	8.7	7.3	3.7	90.0	78.3	35.0
SKYE	8.7	9.0	3.7	86.7	81.7	41.7	8.7	8.0	4.0	91.7	83.3	33.3
MAZAMA (A04-74)	8.7	8.3	4.7	83.3	68.3	38.3	9.0	8.3	3.3	94.7	83.3	31.7
PICK MP07	9.0	7.3	3.7	91.7	73.3	40.0	8.7	7.7	2.7	93.3	75.0	31.7
RAD-507	8.3	7.7	4.3	81.7	65.0	33.3	8.3	8.0	4.0	91.7	78.3	31.7
A05-329	7.3	7.3	2.0	71.7	55.0	25.0	7.7	7.7	2.0	85.0	75.0	30.0
PICK TD9	8.3	6.0	2.3	86.7	55.0	28.3	8.3	6.0	2.0	83.3	65.0	21.7
WATERWORKS (A05-204)	7.0	7.0	4.0	71.7	65.0	35.0	7.7	7.3	2.0	78.3	75.0	20.0
LSD VALUE	2.9	2.1	2.4	14.8	14.9	21.2	2.2	1.5	2.2	14.1	18.8	22.3
C.V. (%)	9.5	11.8	24.3	8.8	11.7	24.9	6.4	8.3	26.8	6.2	8.7	25.4

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 26.
(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 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 26. (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 26. (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 26. (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	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFI	TRAFFIC	TRAFFIC	TRAFFIC	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	6.0
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 26. (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			
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 26. (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 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	GENETIC COLOR	QUALITY	QUALITY RATINGS AFTER TRAFFIC APPLICATIONS				
		PRETRAFFIC SEP_4	10_GAMES OCT_2	15_GAMES OCT_15	2_WEEKS OCT_29	1_MONTH NOV_12	2_MONTH DEC_16
BLUEBANK (A03-1017)	8.3	8.3	8.0	6.0	7.3	9.0	8.7
BURL 3-51	7.7	8.3	8.3	6.3	7.3	9.0	8.7
Barvette HGT (BAR VV 0709)	5.0	8.3	8.3	6.7	8.0	9.0	8.3
J-1770	8.7	7.7	7.7	6.0	6.7	8.3	8.3
MIDNIGHT	8.0	8.0	8.3	6.0	7.7	8.7	8.3
NU CHICAGO	7.7	8.3	8.3	6.0	7.3	8.7	8.3
PICK 4340	6.3	8.3	8.3	6.3	7.7	9.0	8.3
A98-363	6.0	8.0	6.7	5.7	6.0	8.0	8.0
AMERICA	5.7	7.3	7.0	5.7	6.0	8.0	8.0
AWARD	8.0	7.7	7.3	6.0	7.0	8.0	8.0
BAR PP 110358	6.0	9.0	9.0	6.3	7.3	8.7	8.0
BAR VV 118532	4.3	8.0	7.7	6.0	7.0	8.3	8.0
CABERNET	6.0	8.7	7.3	6.0	7.0	8.0	8.0
J-1136	8.7	8.0	7.3	6.0	6.7	8.3	8.0
J-1853	8.0	8.0	8.0	6.0	7.0	8.7	8.0
PICK 033	6.3	8.7	7.3	5.7	6.7	7.7	8.0
SKYE	6.3	7.7	7.3	6.0	6.7	8.0	8.0
SRX 466	7.0	9.0	8.0	6.3	7.0	8.3	8.0
SUDDEN IMPACT	8.3	8.0	7.3	6.3	6.7	8.3	8.0
MAZAMA (A04-74)	8.0	9.0	7.7	6.0	6.7	8.3	7.7
BURL 06-11	5.7	8.0	7.0	6.0	6.0	8.0	7.7
ARAMINTHA (PP 10847)	6.0	7.7	7.0	5.7	6.3	7.7	7.7
ZEDOR (PPH 9131)	5.0	7.0	7.0	5.3	6.0	8.0	7.7
RAD-1492	6.3	8.7	7.3	5.7	6.3	8.0	7.7
SRX 2758	7.7	7.7	7.0	5.7	6.7	7.7	7.7
AVID	6.7	8.0	7.3	5.7	6.7	7.7	7.3
BAR PP 119326	4.0	6.3	7.0	5.7	6.3	7.7	7.3
BAR VV 112916	5.3	7.3	7.0	5.3	6.0	7.3	7.3
ENDURANCE (PST-K4-7)	8.0	8.0	8.0	6.0	6.3	8.0	7.3
KEENELAND (A04-342)	6.3	7.0	6.7	5.3	6.7	7.7	7.3
A05-TB-382	6.0	8.7	7.3	6.0	6.3	7.3	7.0
A06-46	6.7	8.0	7.0	5.3	6.3	7.3	7.0
A06-47	6.3	8.0	6.7	5.7	6.3	7.3	7.0
BAR PP 119327	6.0	6.7	7.0	5.0	6.0	7.7	7.0
BARDUKE	5.7	7.3	7.3	5.3	6.3	7.7	7.0
GEISHA (DPPP 818)	6.0	7.0	6.7	5.0	6.0	7.7	7.0
KENBLUE	3.7	7.7	6.7	5.0	6.3	7.3	7.0
MERLOT (LTP-08-6)	7.7	7.7	6.7	5.7	6.3	7.7	7.0
LUNAR (PST-07-261)	7.3	7.7	6.7	5.7	6.0	7.3	7.0
PST-K9-99	7.0	6.3	6.3	5.3	6.0	7.0	7.0
RAD-507	5.3	7.7	6.7	5.7	6.0	7.7	7.0
SRX 4338	6.7	7.0	6.3	5.3	6.3	7.3	7.0
THERMAL BLUE	4.0	6.7	6.3	5.7	6.3	7.0	7.0
3733	6.3	7.7	7.0	5.0	6.0	7.0	6.7
A05-360	5.7	9.0	7.0	5.3	5.7	7.3	6.7

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS AFTER TRAFFIC APPLICATIONS					
		QUALITY PRETRAFFIC SEP_4	10_GAMES OCT_2	15_GAMES OCT_15	2_WEEKS OCT_29	1_MONTH NOV_12	2_MONTH DEC_16
ARROWHEAD	8.3	6.7	6.7	5.0	6.3	7.0	6.7
BARON	5.7	7.0	6.7	5.7	6.0	7.0	6.7
BLUE NOTE	6.3	6.7	6.7	5.3	6.3	7.3	6.7
EMPIRE	6.3	7.3	6.3	5.0	6.0	7.3	6.7
PICK MP07	5.3	7.0	6.3	5.3	5.7	6.7	6.7
JACKRABBIT (PST-K10-106D)	6.3	7.7	6.7	5.7	6.0	7.3	6.7
SR 2150 (SRX 5321)	5.7	6.7	6.3	5.3	6.3	7.3	6.7
WATERWORKS (A05-204)	7.0	7.0	6.0	5.3	6.0	6.7	6.3
BAR 8PP 504	6.7	6.3	6.0	5.3	5.7	6.7	6.3
OASIS (A98-344)	7.0	7.0	6.0	5.0	6.0	6.7	6.3
PICK TD8	6.0	6.3	6.0	5.0	6.0	7.0	6.3
PST-K9-97	6.0	6.7	6.3	5.3	6.3	6.7	6.3
A01-1106	7.0	7.0	6.0	5.0	6.0	6.3	6.0
AKB 2555	6.7	6.3	6.0	5.0	6.0	6.3	6.0
BAR 12PP 612	7.7	7.0	6.0	5.3	5.7	6.3	6.0
BLACKJACK	5.0	6.7	5.7	5.3	5.7	6.3	6.0
BLUE COAT (AKB 2282)	7.0	7.0	6.3	5.0	5.7	6.7	6.0
BOLT (H99-1653)	6.0	6.3	6.3	5.3	6.0	7.0	6.0
PICK TD9	5.3	7.3	6.3	5.3	6.0	6.7	6.0
PST-K9-90	6.3	6.3	6.3	5.0	5.3	6.7	6.0
RUBIX (4S2W)	7.0	6.3	6.0	5.0	5.7	6.0	6.0
SHAMROCK	4.7	6.7	6.0	5.0	5.7	6.0	6.0
A00-4199	6.7	6.0	5.7	4.3	4.7	6.3	5.7
A04-36	4.3	7.3	6.0	5.0	5.3	6.3	5.7
A05-329	7.0	6.7	6.0	5.0	5.7	6.7	5.7
A06-26	6.7	6.7	5.7	5.0	5.7	6.3	5.7
LEGEND (A10-1)	7.7	6.3	5.7	5.0	5.7	6.3	5.7
PST-K4-3	7.3	7.0	6.0	5.0	6.0	6.0	5.7
PST-T10-18	5.3	6.3	6.0	5.0	6.0	6.7	5.7
RAD-849	6.7	6.7	6.0	5.3	5.7	6.0	5.7
DAUNTLESS (A05-315)	5.0	6.3	6.0	5.0	5.7	6.0	5.3
A04-38	5.7	6.3	6.0	5.0	5.0	6.0	5.0
A05-361	7.0	6.3	5.7	4.7	5.7	6.7	5.0
A05-999	5.7	5.7	6.0	5.0	5.3	6.0	5.0
RUSH	8.0	6.3	6.0	5.0	6.0	6.3	5.0
A00-2882	7.0	6.3	5.3	5.0	6.0	5.7	4.7
ZINGER (A05-306)	5.3	6.0	5.7	5.0	5.7	6.0	4.7
LSD VALUE	1.1	1.0	0.9	0.7	0.8	0.9	1.2
C.V. (%)	11.4	8.7	8.4	7.8	8.0	8.1	10.9

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

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

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	PERCENT LIVING GROUND COVER BEFORE/AFTER TRAFFIC						FALL COLOR RETENTION RATINGS BEFORE/AFTER TRAFFIC					
	PRETRAFFIC	10_GAMES	15_GAMES	2_WEEKS	1_MONTH	2_MONTH	PRETRAFFIC	10_GAMES	15_GAMES	2_WEEKS	1_MONTH	2_MONTH
	SEP_4	OCT_2	OCT_15	OCT_29	NOV_12	DEC_16	SEP_4	OCT_2	OCT_15	OCT_29	NOV_12	DEC_16
BLUEBANK (A03-1017)	87.0	76.0	20.0	57.0	92.3	96.0	7.0	8.0	7.3	6.0	8.3	8.7
BURL 3-51	93.3	78.7	21.3	59.3	93.0	97.0	7.3	8.3	7.3	6.0	8.7	8.7
Barvette HGT (BAR VV 0709)	93.7	87.3	39.0	83.7	97.3	96.7	6.3	8.0	7.3	5.0	9.0	7.7
J-1770	80.0	60.0	17.0	45.0	84.7	92.3	6.3	7.7	7.0	6.0	8.0	8.7
MIDNIGHT	85.7	77.7	19.7	61.7	91.3	90.0	7.3	8.3	7.3	6.0	8.7	8.3
NU CHICAGO	87.7	78.3	19.7	54.0	91.7	94.7	7.3	8.0	8.0	6.0	8.7	8.3
PICK 4340	87.3	78.7	23.0	68.3	91.7	96.0	7.0	8.0	7.7	5.3	8.3	8.0
A98-363	84.0	41.7	14.3	35.7	65.3	80.3	6.3	6.7	6.0	6.0	7.0	8.0
AMERICA	76.7	41.3	17.0	44.0	80.3	89.3	5.7	6.3	6.0	5.7	7.3	8.0
AWARD	74.0	53.3	17.0	45.7	84.7	90.0	6.0	7.3	7.0	6.0	8.0	8.0
BAR PP 110358	96.3	86.0	32.7	67.3	90.0	92.0	8.3	8.3	8.0	5.0	7.7	7.7
BAR VV 118532	85.0	68.3	27.0	67.7	89.7	92.3	6.0	7.0	7.0	5.0	7.7	7.3
CABERNET	90.3	57.7	19.3	49.3	74.3	88.3	7.3	7.7	6.7	6.0	7.7	8.0
J-1136	80.0	60.0	14.7	42.0	79.0	88.7	6.7	7.3	7.0	6.0	7.7	8.3
J-1853	85.7	70.3	16.7	50.3	86.7	93.3	6.7	7.7	7.7	6.0	8.3	8.3
PICK 033	90.3	56.0	20.0	46.0	70.0	86.3	7.7	7.3	6.7	5.7	7.3	8.0
SKYE	80.3	56.7	21.3	49.0	80.3	92.3	5.7	7.0	6.3	6.0	7.0	8.0
SRX 466	95.0	75.0	40.7	54.3	85.0	92.0	8.3	8.0	7.3	6.0	8.0	8.3
SUDDEN IMPACT	85.3	62.7	15.7	45.0	80.7	90.0	6.3	7.7	7.0	6.0	8.0	8.0
MAZAMA (A04-74)	94.3	64.7	19.7	48.0	82.7	88.7	8.0	7.7	7.0	6.0	8.0	8.0
BURL 06-11	92.0	51.7	20.3	39.3	76.3	84.7	6.7	6.7	6.0	6.0	7.3	7.7
ARAMINTHA (PP 10847)	87.3	55.0	20.0	43.0	67.3	83.7	6.3	7.0	6.3	6.0	7.0	7.7
ZEDOR (PPH 9131)	76.0	49.7	20.3	44.0	74.7	82.7	6.0	6.7	6.0	5.7	7.3	7.3
RAD-1492	90.7	58.3	13.7	39.7	72.3	82.0	7.3	7.3	7.0	5.7	7.7	8.0
SRX 2758	79.0	44.7	19.0	46.0	74.3	84.0	6.7	7.0	6.3	6.0	7.3	7.7
AVID	89.3	64.3	19.3	41.3	73.3	79.0	6.7	7.0	6.3	6.0	7.7	7.3
BAR PP 119326	48.3	36.3	18.3	43.3	60.3	68.7	5.3	7.0	6.0	6.0	6.7	8.0
BAR VV 112916	80.3	49.3	14.3	35.7	64.7	83.3	5.7	6.3	6.3	6.0	6.7	7.0
ENDURANCE (PST-K4-7)	87.7	69.0	20.0	49.0	76.0	84.0	7.3	7.0	7.0	6.0	7.3	7.3
KEENELAND (A04-342)	71.0	42.7	17.3	46.0	67.3	76.3	5.3	6.7	6.0	5.7	7.3	7.3
A05-TB-382	92.3	62.7	18.3	37.0	58.0	70.0	7.3	7.3	6.3	5.7	7.3	7.3
A06-46	92.7	50.7	12.0	30.7	59.7	66.0	7.3	6.3	6.3	6.0	7.3	7.0
A06-47	89.7	38.0	20.3	45.0	62.3	73.7	6.0	6.0	5.3	5.7	6.3	7.0
BAR PP 119327	55.3	42.3	12.7	32.3	62.7	67.3	5.0	7.0	6.0	5.7	7.3	7.3
BARDUKE	70.3	47.7	15.3	40.7	71.0	75.0	6.0	7.0	6.3	5.7	7.3	7.3
GEISHA (DPPP 818)	63.3	40.0	15.0	34.3	59.7	73.0	5.7	6.7	6.7	6.0	6.7	7.7
KENBLUE	86.0	44.0	13.7	33.7	58.0	72.7	5.7	6.3	6.0	5.7	6.7	7.0
MERLOT (LTP-08-6)	80.3	32.0	16.7	42.3	61.0	69.3	6.0	6.3	5.7	6.0	7.3	8.0
LUNAR (PST-07-261)	69.3	33.7	11.3	31.7	56.7	64.3	7.0	6.7	5.7	6.0	6.0	7.3
PST-K9-99	48.7	28.3	12.0	29.0	47.3	63.3	4.3	6.7	6.0	6.0	6.7	7.7
RAD-507	82.7	47.0	18.0	38.0	62.3	70.0	6.0	6.3	5.7	6.0	7.0	7.3
SRX 4338	74.7	38.0	18.7	41.3	66.3	74.7	5.0	6.0	5.3	6.0	7.0	7.3
THERMAL BLUE	58.0	34.7	19.7	43.0	59.3	73.7	5.3	6.3	6.3	6.0	7.0	8.0
3733	74.7	38.0	15.3	34.3	46.7	61.7	5.7	6.7	6.0	6.0	6.7	7.3
A05-360	93.7	43.7	17.0	32.7	57.3	65.0	7.7	6.7	6.0	5.7	7.0	7.0

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	PERCENT LIVING GROUND COVER BEFORE/AFTER TRAFFIC						FALL COLOR RETENTION RATINGS BEFORE/AFTER TRAFFIC					
	PRETRAFFIC SEP_4	10_GAMES OCT_2	15_GAMES OCT_15	2_WEEKS OCT_29	1_MONTH NOV_12	2_MONTH DEC_16	PRETRAFFIC SEP_4	10_GAMES OCT_2	15_GAMES OCT_15	2_WEEKS OCT_29	1_MONTH NOV_12	2_MONTH DEC_16
ARROWHEAD	60.0	30.0	12.7	40.0	45.3	50.7	5.3	6.3	5.3	6.3	5.7	6.7
BARON	68.7	44.0	16.7	31.3	57.0	66.0	6.0	6.7	5.7	6.0	7.0	7.0
BLUE NOTE	60.3	41.7	18.3	40.0	54.0	61.7	5.0	6.7	6.3	5.7	6.7	7.3
EMPIRE	71.3	31.3	12.3	34.0	56.7	69.0	6.0	6.3	6.0	6.3	7.0	7.3
PICK MP07	66.7	31.3	12.3	27.0	39.0	61.0	5.3	5.7	5.7	6.0	6.0	7.3
JACKRABBIT (PST-K10-106D)	71.3	41.7	12.7	32.0	50.7	64.0	6.3	6.7	6.3	6.0	7.0	7.3
SR 2150 (SRX 5321)	66.3	34.7	16.7	37.0	59.7	64.3	4.3	6.0	5.7	6.0	7.0	7.0
WATERWORKS (A05-204)	61.7	16.3	12.0	30.3	35.3	51.0	5.0	6.0	5.3	6.3	6.0	7.0
BAR 8PP 504	59.3	19.7	12.0	25.7	29.0	45.3	4.3	5.7	5.0	6.0	6.0	6.7
OASIS (A98-344)	64.0	15.7	11.7	27.3	42.0	47.3	5.7	5.7	5.7	6.0	6.7	7.0
PICK TD8	50.3	19.3	13.3	29.0	40.0	51.3	4.3	5.7	5.3	6.0	6.7	7.0
PST-K9-97	54.0	28.0	22.3	51.7	47.7	51.3	5.0	6.3	5.3	5.3	6.0	6.7
A01-1106	61.0	16.3	7.3	14.7	25.3	30.7	5.3	5.7	5.3	6.7	6.3	7.0
AKB 2555	51.0	20.7	21.0	49.3	46.0	48.7	5.3	5.7	5.0	5.7	5.0	7.0
BAR 12PP 612	63.0	18.0	12.7	29.7	37.0	40.7	5.7	6.0	5.3	6.3	6.0	6.7
BLACKJACK	49.0	18.7	16.0	32.3	25.3	39.0	5.7	5.7	5.3	5.7	5.7	7.3
BLUE COAT (AKB 2282)	58.7	20.3	14.3	38.0	44.0	43.7	5.7	6.0	5.3	5.3	5.3	7.0
BOLT (H99-1653)	61.3	24.3	9.7	26.0	35.3	42.7	4.3	6.0	5.3	6.0	6.7	7.0
PICK TD9	67.0	27.0	18.0	44.7	43.0	48.7	6.0	6.3	5.7	6.0	6.0	7.0
PST-K9-90	48.7	21.7	11.7	28.7	31.3	41.0	5.3	6.0	6.0	5.3	6.3	7.0
RUBIX (4S2W)	47.3	16.3	13.0	33.7	27.3	36.3	4.3	6.0	5.0	6.0	5.3	7.0
SHAMROCK	53.0	16.0	10.3	20.0	24.7	37.0	4.7	6.0	5.0	6.0	5.7	7.0
A00-4199	46.7	18.7	10.0	24.3	32.7	30.0	4.7	5.0	4.3	4.0	4.3	7.0
A04-36	69.0	17.3	11.3	17.3	24.7	32.0	5.0	5.3	4.7	6.0	6.0	6.7
A05-329	56.7	16.0	12.3	25.3	35.0	40.3	5.3	5.7	5.3	6.0	6.0	6.7
A06-26	54.7	13.3	13.0	29.7	26.0	34.3	5.0	5.7	4.7	6.0	5.7	6.7
LEGEND (A10-1)	55.7	12.3	13.7	30.3	32.0	40.7	5.3	5.7	5.0	6.0	5.7	6.3
PST-K4-3	66.0	16.7	16.3	34.7	30.0	33.3	6.0	5.7	5.3	6.0	4.7	6.7
PST-T10-18	54.0	19.7	14.7	29.7	35.7	36.0	4.3	5.3	5.0	6.0	6.0	6.3
RAD-849	44.3	19.7	18.3	33.7	23.7	38.3	5.3	6.0	5.3	6.0	6.0	7.0
DAUNTLESS (A05-315)	56.0	11.3	15.3	33.0	21.3	26.3	4.7	5.3	5.0	6.0	5.0	6.3
A04-38	48.7	13.3	15.0	21.0	14.3	16.7	4.7	5.3	4.3	5.7	5.0	6.0
A05-361	45.0	7.3	12.7	31.7	29.7	27.3	5.0	5.7	5.0	5.7	5.0	6.3
A05-999	36.3	12.0	18.3	34.7	30.3	27.0	4.3	5.0	4.7	5.7	4.3	6.0
RUSH	41.3	9.0	12.0	33.0	26.3	24.0	5.0	5.7	5.0	6.0	4.7	6.0
A00-2882	47.7	9.7	12.0	26.7	9.7	16.0	5.0	4.7	4.3	6.0	5.0	5.0
ZINGER (A05-306)	42.3	8.7	20.3	36.0	15.7	12.3	4.0	5.3	4.3	5.0	4.7	6.0
LSD VALUE	19.7	19.5	8.3	17.7	23.2	24.5	1.4	1.2	1.1	1.5	1.4	1.2
C.V. (%)	17.8	32.7	29.5	27.3	27.2	25.0	14.6	11.0	11.4	9.2	13.3	9.5

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

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

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	TDR MOISTURE PROBE BEFORE/AFTER TRAFFIC				CLEGG (GMAX) (AVERAGE OF 3 MEASUREMENTS)				PERCENT DOLLAR SPOT (JUL)	PERCENT SUMMER PATCH (SEP)
	PRETRAFFIC SEP_4	5_GAMES SEP_24	10_GAMES OCT_2	15_GAMES OCT_15	PRETRAFFIC SEP_4	5_GAMES SEP_24	10_GAMES OCT_2	15_GAMES OCT_15		
BLUEBANK (A03-1017)	40.7	46.0	50.7	50.7	63.3	55.3	50.7	50.7	11.7	13.0
BURL 3-51	42.3	45.7	56.7	50.3	53.3	56.7	56.7	50.3	8.3	6.7
Barvette HGT (BAR VV 0709)	41.0	46.3	53.3	54.3	53.3	58.7	53.3	54.3	6.7	6.3
J-1770	40.7	48.0	49.3	42.3	55.3	58.3	49.3	42.3	12.3	20.0
MIDNIGHT	43.0	47.3	44.7	48.7	60.0	56.3	44.7	48.7	7.7	14.3
NU CHICAGO	39.3	46.0	52.7	44.3	59.0	54.7	52.7	44.3	9.3	12.3
PICK 4340	40.7	49.7	46.7	44.7	54.3	51.7	46.7	44.7	6.0	12.7
A98-363	39.7	45.3	52.0	49.7	59.7	61.3	52.0	49.7	11.7	16.0
AMERICA	38.7	43.7	47.7	51.3	61.0	58.3	47.7	51.3	11.7	23.3
AWARD	41.0	47.7	49.0	45.0	57.7	57.0	49.0	45.0	10.0	26.0
BAR PP 110358	42.7	49.0	46.7	43.7	49.7	52.7	46.7	43.7	0.0	3.7
BAR VV 118532	41.7	43.7	59.0	52.7	61.7	57.7	59.0	52.7	13.3	15.0
CABERNET	41.3	47.3	49.3	50.7	54.7	54.7	49.3	50.7	5.0	9.7
J-1136	40.0	45.7	45.7	50.0	60.7	56.3	45.7	50.0	9.0	20.0
J-1853	41.3	45.7	49.7	43.7	59.0	56.7	49.7	43.7	11.7	14.3
PICK 033	39.0	45.0	51.7	52.7	56.0	54.3	51.7	52.7	1.7	9.7
SKYE	40.7	46.0	57.0	61.0	61.3	59.0	57.0	61.0	8.3	19.7
SRX 466	41.7	48.3	49.3	47.7	57.3	53.3	49.3	47.7	8.3	5.0
SUDDEN IMPACT	38.7	45.0	49.3	46.7	60.3	61.3	49.3	46.7	3.3	14.7
MAZAMA (A04-74)	41.7	47.7	47.3	47.0	55.7	54.3	47.3	47.0	7.3	5.7
BURL 06-11	40.0	46.3	55.3	51.0	61.3	61.0	55.3	51.0	10.0	8.0
ARAMINTHA (PP 10847)	40.7	46.0	52.7	56.0	60.0	55.7	52.7	56.0	20.0	12.7
ZEDOR (PPH 9131)	40.7	42.3	53.3	45.0	60.7	65.0	53.3	45.0	20.0	24.0
RAD-1492	41.3	47.0	48.7	50.0	56.7	57.3	48.7	50.0	10.0	9.3
SRX 2758	41.0	44.7	51.3	55.7	59.0	58.3	51.3	55.7	6.7	21.0
AVID	30.3	49.0	47.7	38.3	56.3	51.3	47.7	38.3	6.0	10.7
BAR PP 119326	41.0	42.7	61.3	56.0	63.7	59.0	61.3	56.0	28.3	51.7
BAR VV 112916	41.7	44.7	56.3	52.7	60.0	58.3	56.3	52.7	26.7	19.7
ENDURANCE (PST-K4-7)	40.7	45.0	49.0	43.7	61.7	59.7	49.0	43.7	11.7	12.3
KEENELAND (A04-342)	40.7	45.3	53.3	46.3	59.7	54.0	53.3	46.3	13.3	29.0
A05-TB-382	42.0	45.7	48.0	43.7	60.0	58.7	48.0	43.7	0.0	7.7
A06-46	41.3	47.7	44.7	39.7	57.3	54.0	44.7	39.7	1.7	7.3
A06-47	40.7	47.0	50.0	51.3	61.0	56.3	50.0	51.3	10.0	10.3
BAR PP 119327	40.7	47.7	53.0	49.0	63.7	62.7	53.0	49.0	26.7	44.7
BARDUKE	40.3	48.0	53.3	50.7	61.7	56.7	53.3	50.7	21.7	29.7
GEISHA (DPPP 818)	40.7	46.3	52.0	52.3	60.3	60.3	52.0	52.3	20.7	36.7
KENBLUE	46.0	45.7	50.7	55.7	61.7	60.7	50.7	55.7	13.3	14.0
MERLOT (LTP-08-6)	39.3	45.0	55.3	51.3	65.7	62.3	55.3	51.3	16.7	19.7
LUNAR (PST-07-261)	40.3	44.7	54.7	53.7	62.0	56.7	54.7	53.7	13.3	30.7
PST-K9-99	40.7	46.0	51.3	47.7	63.7	65.7	51.3	47.7	25.0	51.3
RAD-507	39.7	46.0	49.3	41.0	63.7	62.3	49.3	41.0	7.7	17.3
SRX 4338	40.0	45.3	59.3	52.0	61.3	64.7	59.3	52.0	13.3	25.3
THERMAL BLUE	38.7	43.7	54.0	55.7	60.0	56.0	54.0	55.7	28.3	42.0
3733	38.3	42.7	63.3	53.7	65.0	69.7	63.3	53.7	18.3	25.3
A05-360	43.0	45.3	46.7	48.3	58.3	54.3	46.7	48.3	7.0	6.3

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2013 DATA

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

NAME	TDR MOISTURE PROBE BEFORE/AFTER TRAFFIC				CLEGG (GMAX) (AVERAGE OF 3 MEASUREMENTS)				PERCENT DOLLAR SPOT (JUL)	PERCENT SUMMER PATCH (SEP)
	PRETRAFFIC SEP_4	5_GAMES SEP_24	10_GAMES OCT_2	15_GAMES OCT_15	PRETRAFFIC SEP_4	5_GAMES SEP_24	10_GAMES OCT_2	15_GAMES OCT_15		
ARROWHEAD	39.7	44.7	50.0	50.3	62.3	62.7	50.0	50.3	16.7	40.0
BARON	42.7	44.0	57.3	55.3	62.0	58.0	57.3	55.3	20.7	31.3
BLUE NOTE	40.7	45.0	51.7	48.3	60.3	58.3	51.7	48.3	11.0	39.7
EMPIRE	41.7	47.7	48.0	49.3	57.0	52.3	48.0	49.3	16.7	28.7
PICK MP07	39.3	46.3	53.0	56.7	59.7	58.3	53.0	56.7	20.0	33.3
JACKRABBIT (PST-K10-106D)	42.0	44.7	60.0	54.3	61.3	59.0	60.0	54.3	11.7	28.7
SR 2150 (SRX 5321)	41.7	45.3	52.0	47.7	63.3	59.0	52.0	47.7	11.7	33.7
WATERWORKS (A05-204)	42.0	44.3	55.7	47.3	63.3	61.7	55.7	47.3	15.0	38.3
BAR 8PP 504	41.0	43.0	59.3	57.7	58.7	60.3	59.3	57.7	6.7	40.7
OASIS (A98-344)	40.7	46.3	55.3	51.7	59.0	61.0	55.3	51.7	15.0	36.0
PICK TD8	43.0	44.3	52.0	44.7	62.0	61.3	52.0	44.7	16.0	49.7
PST-K9-97	41.0	44.3	58.3	51.7	64.0	66.7	58.3	51.7	15.0	46.0
A01-1106	38.0	47.3	51.7	45.0	61.3	55.0	51.7	45.0	13.0	39.0
AKB 2555	41.7	41.3	67.0	63.7	61.3	58.7	67.0	63.7	28.3	49.0
BAR 12PP 612	42.0	44.0	55.7	65.0	60.0	64.3	55.7	65.0	13.3	37.0
BLACKJACK	41.3	42.3	67.0	58.0	71.7	82.3	67.0	58.0	21.7	51.0
BLUE COAT (AKB 2282)	42.7	44.0	60.3	58.7	62.3	58.3	60.3	58.7	20.0	41.3
BOLT (H99-1653)	40.3	47.0	47.3	50.3	57.3	56.7	47.3	50.3	5.0	38.7
PICK TD9	45.7	44.0	52.3	52.0	64.7	63.7	52.3	52.0	20.0	33.0
PST-K9-90	41.7	43.3	55.0	48.3	65.0	66.7	55.0	48.3	31.7	51.3
RUBIX (4S2W)	46.3	43.3	58.7	50.0	61.7	65.0	58.7	50.0	25.0	52.7
SHAMROCK	44.7	45.0	48.3	50.3	61.0	60.7	48.3	50.3	21.7	47.0
A00-4199	38.3	41.0	55.3	56.0	58.7	59.7	55.3	56.0	23.3	53.3
A04-36	39.7	45.7	48.7	48.3	64.3	56.0	48.7	48.3	16.0	31.0
A05-329	40.0	43.0	61.3	50.0	60.7	63.3	61.3	50.0	23.3	43.3
A06-26	39.7	47.7	50.3	46.3	60.3	58.0	50.3	46.3	16.7	45.3
LEGEND (A10-1)	41.0	46.7	56.0	48.7	62.7	59.0	56.0	48.7	21.7	44.3
PST-K4-3	38.0	42.0	65.3	60.7	66.7	64.0	65.3	60.7	18.3	34.0
PST-T10-18	38.7	45.0	56.3	52.3	62.0	59.7	56.3	52.3	13.3	46.0
RAD-849	42.3	42.0	55.3	47.7	64.3	66.7	55.3	47.7	23.3	55.7
DAUNTLESS (A05-315)	38.7	45.3	54.3	47.7	63.0	57.0	54.3	47.7	21.7	44.0
A04-38	44.3	44.7	55.0	58.7	56.7	57.7	55.0	58.7	16.7	51.3
A05-361	42.7	42.7	57.0	60.3	65.7	62.3	57.0	60.3	13.3	55.0
A05-999	41.0	43.0	68.0	63.3	61.7	68.3	68.0	63.3	30.0	63.7
RUSH	41.0	45.3	65.7	61.3	63.0	64.3	65.7	61.3	23.3	58.7
A00-2882	40.3	45.0	49.3	48.7	64.0	61.7	49.3	48.7	15.0	52.3
ZINGER (A05-306)	40.0	42.7	63.0	60.7	67.0	67.0	63.0	60.7	30.0	57.7
LSD VALUE	20.2	7.2	27.3	22.2	14.5	12.6	27.3	22.2	9.5	19.7
C.V. (%)	9.7	5.9	15.8	16.0	8.4	10.0	15.8	16.0	39.9	41.6

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 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	SPRING GREENUP	QUALITY RATINGS									QUALITY RATINGS			RECOVERY QUALITY	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	BEFORE TRAFFIC SEP 19	AFTER TRAFFIC OCT 17	NOV 6 NOV 20 GAME	NOV 19 2-WEEKS	DEC 3 1-MONTH	
BLUEBANK (A03-1017)	7.3	6.0	7.3	7.3	8.3	8.7	7.0	7.0	9.0	8.7	7.7	7.3	7.7	8.3	
BAR PP 110358	7.3	5.3	7.0	7.0	8.0	8.0	7.0	7.0	9.0	9.0	7.7	5.7	7.3	8.0	
MIDNIGHT	6.7	5.3	7.3	7.0	8.7	9.0	7.0	7.0	9.0	8.7	7.7	6.7	7.3	8.0	
BARRETTE HGT (BAR VV 0709)	7.3	6.7	7.7	7.3	8.0	8.0	7.7	7.7	8.7	8.7	8.0	8.0	7.7	7.7	
BURL 3-51	8.0	6.0	7.7	8.0	8.7	8.3	7.0	7.0	8.7	9.0	7.7	6.0	6.7	7.7	
J-1770	7.7	5.7	7.3	7.7	8.3	8.7	7.0	7.0	9.0	8.7	7.7	7.0	7.3	7.7	
J-1853	7.3	6.0	7.0	7.7	8.7	8.3	7.0	7.0	9.0	8.3	7.7	7.0	7.3	7.7	
NU CHICAGO	7.3	5.3	7.3	7.3	8.7	8.7	7.0	7.0	9.0	8.0	7.7	6.7	7.0	7.7	
SRX 2758	7.0	5.3	7.0	7.7	8.3	8.0	7.0	7.0	9.0	8.7	7.3	6.0	6.3	7.7	
MAZAMA (A04-74)	6.7	5.3	7.0	7.0	8.7	8.0	7.0	7.0	9.0	8.7	7.3	5.7	7.0	7.3	
AVID	6.3	5.3	7.0	6.7	8.0	8.0	7.0	7.0	8.3	8.3	7.3	6.7	7.3	7.3	
AWARD	7.3	5.3	7.7	7.7	9.0	8.3	7.0	7.3	9.0	8.0	7.0	5.3	6.3	7.3	
BLUE NOTE	5.3	4.0	6.0	7.0	8.3	8.0	8.0	8.0	8.3	8.3	7.3	7.0	7.3	7.3	
EMPIRE	6.0	4.7	6.7	7.0	8.3	8.0	7.0	7.0	8.0	8.0	7.0	6.0	6.7	7.3	
J-1136	7.0	5.7	7.3	7.7	8.0	8.7	7.0	7.0	8.3	8.0	7.3	6.0	6.7	7.3	
PICK 033	6.7	5.7	6.7	7.0	8.3	8.0	7.7	7.7	9.0	9.0	7.3	5.7	7.0	7.3	
PICK 4340	7.3	6.0	6.7	7.3	8.7	8.3	7.0	7.3	9.0	8.7	7.3	7.3	7.3	7.3	
RUBIX (4S2W)	3.0	3.7	6.0	6.3	7.3	8.0	7.0	7.0	8.7	8.7	7.3	5.7	7.0	7.3	
SRX 466	7.3	5.7	6.7	7.3	8.3	8.0	7.0	7.0	9.0	9.0	8.0	5.7	7.0	7.3	
A01-1106	3.0	2.7	6.3	6.3	7.7	7.7	7.0	7.0	8.7	8.0	7.0	6.0	6.7	7.0	
WATERWORKS (A05-204)	4.7	4.0	6.0	7.0	8.3	7.7	7.0	7.0	8.0	8.0	7.0	5.3	6.7	7.0	
A06-46	5.3	4.3	6.7	6.7	8.0	8.3	7.3	7.3	8.0	8.3	7.0	6.0	6.7	7.0	
AMERICA	8.0	5.7	7.3	7.7	8.3	8.0	7.0	7.3	8.0	7.7	7.0	6.3	7.0	7.0	
ARROWHEAD	4.3	3.3	6.0	6.3	7.3	7.7	6.7	6.7	8.0	8.0	7.0	5.7	6.3	7.0	
BAR PP 119327	6.0	5.0	6.7	7.0	8.7	8.0	7.0	7.0	7.7	7.7	7.0	5.7	6.3	7.0	
BURL 06-11	7.0	5.0	7.3	7.3	8.0	8.0	7.0	7.0	8.0	8.0	6.3	5.0	6.3	7.0	
CABERNET	7.0	5.3	6.7	7.3	8.0	8.0	7.0	7.3	8.7	9.0	7.0	6.0	6.7	7.0	
GEISHA (DPPP 818)	5.7	4.7	6.3	7.0	8.0	8.0	7.0	7.0	7.7	7.7	6.7	5.7	5.7	7.0	
MERLOT (LTP-08-6)	6.0	5.0	7.3	7.7	8.7	8.0	7.0	7.3	8.3	8.0	7.0	5.7	6.7	7.0	
SR 2150 (SRX 5321)	5.3	4.3	6.3	7.0	8.0	8.0	7.0	7.0	7.7	7.7	7.3	7.0	6.7	7.0	
SUDDEN IMPACT	6.7	5.7	7.3	7.3	8.3	8.7	7.0	7.0	9.0	8.3	7.0	5.7	7.0	7.0	
A05-TB-382	6.0	4.3	6.3	6.7	7.7	8.0	7.0	7.3	9.0	8.7	7.7	5.3	6.3	6.7	
A98-363	7.0	5.3	7.0	7.7	8.7	8.0	7.3	7.3	8.3	8.0	7.3	5.7	6.7	6.7	
AKB 2555	4.3	3.7	5.7	6.7	7.7	7.7	7.0	7.0	8.0	8.0	6.3	5.3	6.0	6.7	
BAR 12PP 612	3.7	3.3	6.0	6.7	7.3	7.7	7.0	7.0	8.0	7.3	6.3	5.0	5.3	6.7	
BAR VV 118532	8.0	5.3	7.7	7.0	8.0	8.0	7.7	7.7	8.0	7.7	7.7	6.7	7.0	6.7	
BARDUKE	6.7	5.3	7.0	7.0	8.0	8.0	7.0	7.0	8.0	8.0	7.3	6.0	6.7	6.7	
ENDURANCE (PST-K4-7)	6.0	5.7	6.0	7.0	8.3	8.0	7.0	7.0	9.0	8.7	7.3	5.3	6.3	6.7	
BOLT (H99-1653)	4.0	3.7	6.3	6.7	8.0	7.7	8.0	8.0	8.0	7.7	7.0	6.0	6.3	6.7	
LUNAR (PST-07-261)	5.3	4.7	6.3	6.7	8.3	8.0	7.7	7.7	8.7	8.7	6.3	5.7	6.7	6.7	
OASIS (A98-344)	5.0	3.7	6.3	7.0	7.7	8.0	7.0	7.0	8.3	8.0	6.3	5.3	6.3	6.7	
PICK TD8	5.0	3.7	6.0	7.0	8.3	8.0	7.0	7.7	8.0	8.0	6.7	5.0	6.3	6.7	
ARAMINTHA (PP 10847)	6.0	4.7	7.0	7.0	8.3	8.0	7.0	7.0	8.0	8.0	7.7	6.7	6.7	6.7	
RAD-1492	6.7	4.7	6.7	7.7	8.7	8.0	7.3	7.3	8.7	8.3	7.0	5.3	6.3	6.7	
RAD-507	5.7	5.0	6.0	6.7	8.7	8.0	7.3	7.3	8.3	7.7	6.7	5.3	6.3	6.7	

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	SPRING GREENUP	QUALITY RATINGS									QUALITY RATINGS			RECOVERY QUALITY	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	BEFORE TRAFFIC SEP 19	AFTER TRAFFIC OCT 17 10 GAME	NOV 6 20 GAME	NOV 19 2-WEEKS	DEC 3 1-MONTH	
RUSH	2.3	2.3	5.0	6.0	7.0	8.0	7.0	7.0	8.3	7.7	6.7	5.0	6.0	6.7	
SHAMROCK	4.0	3.3	6.0	6.7	7.7	8.0	7.0	7.0	8.0	8.0	7.0	5.7	6.7	6.7	
SKYE	7.7	5.7	7.3	8.0	9.0	8.0	7.0	7.3	8.7	8.0	7.0	6.0	6.3	6.7	
A00-4199	2.7	3.0	5.0	5.7	7.0	6.0	6.3	6.3	6.3	6.3	5.0	5.3	5.0	6.3	
A04-36	4.0	3.0	6.0	6.7	7.3	7.7	7.3	7.7	7.7	7.7	6.7	5.7	5.7	6.3	
A05-329	3.7	3.7	6.0	6.3	7.7	7.7	7.0	7.0	8.0	8.0	6.7	4.7	5.7	6.3	
A06-26	3.3	3.0	5.7	6.7	7.3	7.7	7.0	7.3	7.7	7.3	6.7	5.3	6.7	6.3	
A06-47	5.3	4.7	6.3	6.3	8.3	8.0	7.3	7.3	8.0	8.0	5.7	4.3	5.3	6.3	
BAR VV 112916	7.3	5.0	7.3	7.7	8.0	8.0	7.7	7.7	7.7	7.7	6.3	5.0	5.7	6.3	
BARON	5.7	4.3	6.0	7.0	7.7	8.0	7.0	7.0	8.3	7.7	7.3	6.0	6.3	6.3	
BLUE COAT (AKB 2282)	4.0	3.7	5.7	6.3	7.3	7.7	7.3	7.3	8.7	8.3	6.7	5.3	6.0	6.3	
DAUNTLESS (A05-315)	3.0	2.7	5.3	6.3	7.3	7.7	7.0	7.0	8.0	7.7	6.3	5.3	6.3	6.3	
KEENELAND (A04-342)	6.3	5.3	6.7	7.0	9.0	8.3	7.0	7.0	8.7	8.0	7.7	6.7	7.0	6.3	
LEGEND (A10-1)	4.0	3.7	6.0	6.7	8.0	8.0	7.3	7.7	8.0	7.7	6.3	4.7	6.0	6.3	
JACKRABBIT (PST-K10-106D)	6.3	5.0	7.0	7.3	8.7	8.0	7.0	7.0	8.3	7.7	6.7	5.0	6.3	6.3	
PST-T10-18	4.0	3.3	6.0	6.3	7.3	7.7	7.3	7.3	7.7	7.7	7.0	5.3	6.3	6.3	
SRX 4338	7.0	5.3	6.7	7.3	8.3	9.0	7.0	7.0	8.3	8.7	7.3	6.0	6.0	6.3	
3733	5.3	4.3	6.0	7.0	8.3	8.0	7.0	7.0	7.7	7.7	6.3	4.7	6.0	6.0	
A00-2882	2.0	2.0	5.0	5.0	6.3	6.0	6.3	6.7	7.0	7.3	6.0	4.7	5.7	6.0	
A04-38	1.7	2.0	5.0	5.0	6.3	6.7	7.3	7.7	7.3	7.0	5.7	5.0	5.7	6.0	
A05-360	6.0	5.0	6.0	6.7	8.3	8.0	7.3	7.7	8.0	8.0	6.0	4.7	5.7	6.0	
A05-361	2.7	2.0	5.0	6.3	7.0	7.0	7.0	7.0	7.7	8.3	7.0	5.7	6.0	6.0	
ZEDOR (PPH 9131)	6.7	5.0	6.7	7.3	8.7	8.0	7.0	7.0	8.0	8.0	6.3	5.3	6.0	6.0	
PST-K9-97	4.0	3.7	6.0	6.0	7.0	7.7	6.7	6.7	7.7	7.3	7.0	5.0	5.3	6.0	
PST-K9-99	5.7	4.7	6.7	7.0	8.0	8.0	7.0	7.0	7.3	6.7	6.0	4.7	6.0	6.0	
A05-999	2.0	2.0	5.3	6.0	7.0	7.0	7.0	7.0	8.0	8.0	6.0	4.3	5.3	5.7	
BAR 8PP 504	4.7	3.0	6.0	6.7	7.7	7.3	7.0	7.0	8.0	7.0	6.0	4.7	5.0	5.7	
BAR PP 119326	7.0	4.7	7.0	8.0	8.3	8.0	7.0	7.0	7.7	7.0	4.7	5.0	6.0	5.7	
BLACKJACK	2.3	3.0	6.0	5.7	6.0	6.3	6.0	6.0	7.7	7.7	7.0	5.0	5.7	5.7	
PICK MP07	4.7	3.3	6.3	6.7	8.0	7.7	7.0	7.0	7.3	7.0	5.3	4.3	5.3	5.7	
PICK TD9	4.7	4.3	6.0	7.0	8.0	7.7	8.0	8.0	7.7	7.7	6.3	4.7	5.3	5.7	
PST-K9-90	3.0	3.0	5.7	6.7	7.7	8.0	7.0	7.0	7.0	7.3	6.3	4.7	6.3	5.7	
THERMAL BLUE	6.7	4.7	7.0	7.7	8.3	7.7	7.0	7.0	7.0	6.3	4.7	4.7	5.3	5.7	
RAD-849	4.0	2.7	6.0	6.7	7.3	8.0	7.0	7.0	7.3	7.3	6.3	4.3	5.7	5.3	
KENBLUE	7.0	4.7	7.0	7.7	8.0	8.0	8.0	8.0	7.7	7.3	5.7	4.3	4.7	5.0	
PST-K4-3	4.0	3.7	6.0	6.3	7.7	8.0	7.0	7.0	8.7	8.0	5.3	4.3	5.0	5.0	
ZINGER (A05-306)	1.3	2.0	4.7	5.3	6.7	7.0	6.7	6.7	6.3	6.3	5.0	4.3	4.7	5.0	
LSD VALUE	2.3	.	.	.	.	.	.	.	.	0.9	1.2	1.7	1.4	1.4
C.V. (%)	25.8	.	.	.	.	.	.	.	.	6.6	10.4	16.0	11.9	11.5

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

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

TABLE 27.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	PERCENT LIVING GROUND COVER RATINGS			PERCENT LIVING GROUND COVER RATINGS			
	MAY	JUNE	PRETRAFFIC SEP 19	AFTER TRAFFIC OCT 17 10 GAME	NOV 6 20 GAME	RECOVERY FROM TRAFFIC NOV 19 2-WEEKS	DEC 3 1-MONTH
BLUEBANK (A03-1017)	97.0	94.7	97.3	92.0	59.7	42.0	67.3
BAR PP 110358	96.3	95.7	97.7	94.7	43.3	37.0	68.0
MIDNIGHT	97.0	95.3	97.7	91.0	50.7	35.7	65.0
BARRETTE HGT (BAR VV 0709)	97.7	95.7	97.0	97.3	80.3	54.3	71.3
BURL 3-51	97.0	95.3	98.0	90.0	37.7	28.0	57.7
J-1770	97.0	95.0	97.7	87.7	53.3	35.7	61.7
J-1853	97.0	94.7	97.0	89.7	57.0	39.7	63.3
NU CHICAGO	97.3	95.0	96.7	89.0	52.3	36.7	64.0
SRX 2758	97.0	95.0	96.7	86.7	43.3	32.3	53.3
MAZAMA (A04-74)	97.0	94.7	97.3	88.7	33.3	33.0	59.3
AVID	97.0	94.7	97.7	92.7	51.7	37.0	59.3
AWARD	97.3	95.3	96.0	83.7	35.3	27.7	58.0
BLUE NOTE	97.7	96.7	98.3	91.3	60.7	41.7	60.0
EMPIRE	97.3	95.7	97.7	86.3	37.0	31.7	56.7
J-1136	97.3	93.3	95.3	79.3	37.7	27.3	52.0
PICK 033	98.0	97.0	98.0	88.7	39.7	27.3	54.0
PICK 4340	97.0	95.7	98.0	88.0	57.3	43.0	61.3
RUBIX (4S2W)	96.0	95.3	97.3	86.7	37.0	33.3	58.0
SRX 466	97.3	96.0	98.0	93.3	46.7	35.7	58.0
A01-1106	92.0	87.7	97.7	82.0	39.0	28.0	54.0
WATERWORKS (A05-204)	94.3	95.7	96.3	83.3	35.0	29.3	53.0
A06-46	98.0	96.3	98.3	83.7	39.3	29.0	52.7
AMERICA	97.0	95.0	97.3	86.0	49.0	38.7	62.0
ARROWHEAD	91.7	87.7	89.3	78.3	31.7	28.3	50.3
BAR PP 119327	96.7	95.3	94.3	81.3	38.3	29.7	55.0
BURL 06-11	97.0	95.7	98.3	83.7	27.7	25.3	54.3
CABERNET	97.3	95.3	97.7	89.3	45.3	34.0	56.0
GEISHA (DPPP 818)	97.0	94.7	97.0	85.7	39.0	27.0	53.0
MERLOT (LTP-08-6)	96.7	96.0	97.0	83.0	34.0	30.0	54.0
SR 2150 (SRX 5321)	97.3	95.3	97.0	92.0	52.7	37.7	58.0
SUDDEN IMPACT	97.3	93.7	96.0	82.0	36.7	28.3	51.7
A05-TB-382	96.7	96.0	97.7	84.0	33.0	25.7	47.0
A98-363	97.0	96.0	98.0	87.0	38.0	27.0	54.0
AKB 2555	91.0	91.3	96.0	83.0	34.3	28.7	50.7
BAR 12PP 612	93.3	91.7	90.7	72.7	25.7	20.3	47.3
BAR VV 118532	97.0	95.7	97.3	95.3	61.7	43.0	60.7
BARDUKE	96.7	94.0	97.0	91.0	48.0	36.3	57.7
ENDURANCE (PST-K4-7)	97.3	95.3	97.7	84.0	28.7	24.7	47.0
BOLT (H99-1653)	96.7	97.0	98.0	86.0	41.0	30.7	49.3
LUNAR (PST-07-261)	95.3	95.7	95.7	75.7	31.7	25.7	45.7
OASIS (A98-344)	96.7	95.7	97.3	76.0	30.0	25.7	49.3
PICK TD8	98.0	96.0	96.7	81.3	29.0	27.0	48.7
ARAMINTHA (PP 10847)	96.7	94.7	97.3	91.7	52.3	34.0	54.3
RAD-1492	97.7	96.3	97.7	84.7	35.3	25.7	49.3
RAD-507	96.7	95.0	97.7	83.7	40.7	32.3	54.0

TABLE 27.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	PERCENT LIVING GROUND COVER RATINGS			PERCENT LIVING GROUND COVER RATINGS		GROUND COVER RATINGS	
	MAY	JUNE	PRETRAFFIC SEP 19	AFTER TRAFFIC OCT 17 10 GAME	NOV 6 20 GAME	RECOVERY FROM TRAFFIC NOV 19 2-WEEKS	DEC 3 1-MONTH
RUSH	96.3	93.7	90.7	70.7	26.0	19.7	44.3
SHAMROCK	96.7	95.7	96.7	88.3	43.7	33.0	53.7
SKYE	97.3	95.3	97.3	90.3	47.3	28.0	57.3
A00-4199	61.3	83.0	65.0	50.0	24.7	13.3	37.7
A04-36	96.3	95.7	95.7	79.7	38.3	23.3	49.0
A05-329	92.3	91.0	95.0	76.7	23.3	19.7	44.3
A06-26	88.7	94.0	92.3	73.0	27.7	21.0	40.0
A06-47	96.7	95.3	98.0	74.7	19.7	18.7	47.7
BAR VV 112916	97.7	96.3	97.3	82.3	30.3	25.3	51.0
BARON	96.0	92.0	94.3	83.0	39.3	25.3	49.7
BLUE COAT (AKB 2282)	90.3	95.0	94.7	78.7	31.3	22.3	39.7
DAUNTLESS (A05-315)	94.3	95.0	95.7	76.0	28.0	21.7	45.7
KEENELAND (A04-342)	97.3	95.3	98.0	89.0	49.0	36.3	56.7
LEGEND (A10-1)	96.0	96.0	95.0	74.3	25.7	22.3	49.3
JACKRABBIT (PST-K10-106D)	97.3	93.3	95.0	83.7	31.7	25.3	43.3
PST-T10-18	91.0	90.3	96.3	84.3	38.3	28.3	49.7
SRX 4338	97.3	96.0	98.7	88.3	45.0	30.0	57.7
3733	96.3	95.3	95.7	77.0	23.7	19.0	42.7
A00-2882	59.3	78.7	72.3	58.7	21.3	19.7	37.3
A04-38	68.3	89.0	80.7	58.0	24.0	17.0	40.7
A05-360	97.3	96.0	96.0	69.0	23.0	20.3	46.3
A05-361	82.0	86.0	96.7	79.7	32.7	26.0	47.0
ZEDOR (PPH 9131)	97.0	95.3	98.0	83.0	34.0	25.0	46.7
PST-K9-97	87.7	91.3	90.7	77.0	29.3	21.3	41.0
PST-K9-99	97.3	95.0	89.0	66.7	20.3	18.0	40.3
A05-999	89.7	92.7	93.7	72.0	17.0	13.7	32.3
BAR 8PP 504	91.7	95.0	93.0	69.0	23.7	16.0	37.3
BAR PP 119326	97.0	93.3	85.0	50.3	20.3	13.7	30.3
BLACKJACK	60.7	79.7	84.7	79.7	30.7	19.7	43.3
PICK MP07	94.3	95.0	89.7	55.7	11.3	9.3	26.3
PICK TD9	95.7	96.0	95.7	74.7	23.3	18.3	42.0
PST-K9-90	92.7	93.7	83.3	69.0	26.0	19.7	37.7
THERMAL BLUE	97.0	93.0	81.0	48.0	16.3	13.7	29.7
RAD-849	97.0	95.3	89.7	68.3	14.3	14.0	34.3
KENBLUE	97.0	96.0	98.3	66.7	13.7	11.3	32.0
PST-K4-3	97.3	95.3	94.7	60.3	12.3	10.3	28.0
ZINGER (A05-306)	79.3	85.0	80.3	47.7	12.0	10.7	24.7
LSD VALUE	19.7	9.8	15.1	17.4	25.2	15.8	16.1
C.V. (%)	10.3	4.8	7.8	13.0	39.2	33.3	19.0

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 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 16	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 29	20 GAME NOV 5	PRETRAFFIC SEP 16	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 29	20 GAME NOV 5
BLUEBANK (A03-1017)	31.7	27.3	30.0	35.0	34.0	55.0	93.3	38.3	47.7	44.3
BAR PP 110358	31.7	27.7	28.3	38.0	35.3	51.3	85.3	43.7	44.7	44.3
MIDNIGHT	30.0	26.3	30.0	33.3	33.0	52.7	102.3	44.0	55.0	45.0
BARRETTE HGT (BAR VV 0709)	30.7	28.7	31.3	35.3	36.3	53.7	88.7	39.3	44.7	43.3
BURL 3-51	31.3	29.3	29.7	36.0	34.7	54.7	87.0	39.3	39.7	38.0
J-1770	30.3	26.7	30.3	32.7	34.0	60.7	94.0	41.3	44.3	39.7
J-1853	31.3	30.0	31.0	33.7	34.0	59.0	79.3	43.3	47.7	40.7
NU CHICAGO	31.7	28.0	30.7	34.7	34.7	52.0	83.7	40.3	44.0	43.7
SRX 2758	31.7	28.0	29.7	35.7	33.7	57.7	78.7	45.3	45.0	42.0
MAZAMA (A04-74)	30.7	28.3	30.7	33.3	36.7	51.0	86.0	46.0	43.7	41.0
AVID	31.7	28.3	29.3	35.3	36.0	57.0	83.0	41.7	42.3	34.7
AWARD	31.0	29.0	30.3	33.7	34.0	54.7	76.7	39.7	39.3	44.0
BLUE NOTE	29.7	26.3	29.7	34.3	32.3	56.3	95.7	44.0	55.3	47.0
EMPIRE	31.0	28.7	30.7	35.0	37.3	54.3	86.3	46.0	44.3	40.7
J-1136	29.3	27.0	30.7	35.0	35.7	55.3	79.0	34.0	45.7	41.7
PICK 033	32.3	25.7	30.7	35.3	35.0	53.7	80.7	42.3	47.0	40.7
PICK 4340	31.3	25.3	29.7	35.0	34.0	50.7	92.3	43.3	44.3	37.3
RUBIX (4S2W)	31.3	28.3	28.3	32.0	31.7	61.0	80.3	41.0	45.7	45.0
SRX 466	31.7	27.0	31.0	36.0	35.0	52.7	88.7	46.0	41.0	40.0
A01-1106	29.3	23.7	28.0	34.3	33.3	66.3	101.3	39.3	47.3	52.0
WATERWORKS (A05-204)	30.3	28.3	30.3	36.3	35.0	58.7	80.7	43.7	45.3	42.7
A06-46	31.3	27.3	31.3	33.7	33.3	54.3	87.0	41.7	41.0	40.7
AMERICA	31.7	25.3	29.7	33.0	34.0	57.0	82.3	41.3	47.3	42.3
ARROWHEAD	30.0	27.0	29.0	33.7	32.3	64.3	87.7	39.7	51.0	51.3
BAR PP 119327	29.7	26.0	28.3	33.0	32.3	57.0	88.7	42.0	47.3	42.3
BURL 06-11	31.0	27.3	28.3	33.7	34.7	51.0	89.0	43.7	40.0	42.3
CABERNET	32.7	28.7	31.0	33.7	33.3	59.7	83.3	41.0	49.7	46.3
GEISHA (DPPP 818)	31.3	27.0	30.0	34.0	33.3	55.3	85.3	45.7	44.3	44.7
MERLOT (LTP-08-6)	31.3	25.3	29.0	33.7	34.3	53.7	91.0	48.0	46.3	38.7
SR 2150 (SRX 5321)	30.7	26.0	30.0	33.7	35.3	62.0	88.0	42.0	45.0	44.7
SUDDEN IMPACT	31.3	28.3	32.3	32.3	34.3	56.3	81.3	40.7	46.3	38.7
A05-TB-382	30.3	28.3	32.0	35.0	34.3	53.3	86.0	45.3	42.3	44.3
A98-363	30.3	25.7	28.7	36.7	35.3	51.7	97.7	43.3	43.0	41.7
AKB 2555	30.7	23.7	29.3	34.7	32.0	59.3	105.3	46.7	47.0	47.7
BAR 12PP 612	31.7	27.7	28.3	32.0	32.3	60.0	86.7	43.7	54.7	50.0
BAR VV 118532	29.0	23.0	27.7	34.3	33.0	58.0	96.0	46.0	46.3	41.0
BARDUKE	30.0	25.7	29.3	32.3	33.0	58.3	95.3	33.0	52.0	43.0
ENDURANCE (PST-K4-7)	30.7	27.7	30.3	34.0	35.3	58.7	79.7	36.0	49.3	43.3
BOLT (H99-1653)	31.0	26.0	31.0	33.7	34.3	53.7	87.7	42.7	48.3	45.7
LUNAR (PST-07-261)	31.0	26.7	29.3	34.0	33.7	63.7	88.3	41.0	47.0	45.7
OASIS (A98-344)	30.0	26.7	30.3	33.0	31.7	63.3	91.0	38.7	44.0	41.3
PICK TD8	30.0	28.0	30.0	33.7	34.3	53.7	81.7	40.7	48.0	43.0
ARAMINTHA (PP 10847)	31.7	25.0	31.0	33.7	33.3	55.3	95.3	44.0	48.7	45.3
RAD-1492	30.0	27.0	30.0	33.0	36.3	58.3	86.7	44.7	47.7	45.7
RAD-507	32.3	27.0	30.0	32.3	35.0	58.0	84.7	33.7	40.0	42.3

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	TDR MOISTURE					PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 16	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 29	20 GAME NOV 5	PRETRAFFIC SEP 16	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 29	20 GAME NOV 5	PRETRAFFIC SEP 16	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 29	20 GAME NOV 5
RUSH	30.3	26.0	30.3	33.3	32.3	56.7	86.0	41.3	40.0	41.7					
SHAMROCK	31.0	26.7	28.0	34.0	33.3	62.3	92.3	44.0	43.3	40.0					
SKYE	32.7	29.3	29.0	33.0	34.0	55.3	79.3	47.0	48.7	42.3					
A00-4199	29.3	24.3	27.7	31.0	30.3	62.0	100.7	44.0	52.0	51.0					
A04-36	33.3	27.7	30.0	35.0	34.0	55.3	78.7	40.3	45.7	50.3					
A05-329	32.3	26.0	27.3	33.7	34.0	58.7	82.3	44.0	45.3	41.7					
A06-26	29.3	26.0	30.0	32.7	33.0	57.0	90.7	40.0	44.3	52.0					
A06-47	30.0	25.3	29.7	33.0	34.0	58.7	88.0	44.3	41.3	46.0					
BAR VV 112916	30.7	26.3	28.7	33.7	33.3	52.3	86.7	43.7	40.0	44.0					
BARON	30.7	25.0	29.7	34.3	33.3	59.7	99.7	42.7	40.0	42.3					
BLUE COAT (AKB 2282)	32.0	27.0	29.0	34.0	32.7	61.7	84.3	47.0	45.3	43.7					
DAUNTLESS (A05-315)	28.7	25.7	29.0	31.7	31.7	59.7	91.7	44.7	49.0	45.0					
KEENELAND (A04-342)	28.7	26.7	29.0	34.3	33.3	59.0	90.0	47.7	42.7	45.0					
LEGEND (A10-1)	29.7	27.3	30.7	32.0	32.0	59.0	82.7	36.7	43.3	39.7					
JACKRABBIT (PST-K10-106D)	32.0	25.7	27.0	31.7	32.0	53.0	89.0	40.7	45.0	44.0					
PST-T10-18	29.0	24.7	29.0	33.7	32.0	64.7	94.7	44.0	47.7	42.3					
SRX 4338	30.7	25.0	28.7	35.0	31.0	63.7	87.0	51.3	42.3	46.3					
3733	31.0	28.0	29.0	32.3	31.3	62.0	79.0	39.0	43.3	45.3					
A00-2882	30.0	24.3	27.7	33.7	31.0	69.0	101.0	41.3	50.7	44.3					
A04-38	27.7	24.0	28.3	34.0	32.7	56.7	105.3	40.3	50.3	47.3					
A05-360	31.3	27.0	30.7	33.7	33.0	50.3	92.0	44.0	45.0	39.7					
A05-361	29.7	24.7	28.3	31.7	31.0	58.7	92.7	45.3	50.7	54.3					
ZEDOR (PPH 9131)	28.7	26.7	29.3	35.3	33.7	64.3	92.3	40.3	43.0	42.3					
PST-K9-97	30.3	27.7	30.3	35.3	32.0	62.3	80.3	48.7	49.7	46.0					
PST-K9-99	30.3	26.7	30.0	32.7	32.3	56.7	77.3	35.0	45.0	43.7					
A05-999	31.0	22.7	27.0	34.0	30.3	58.7	91.3	42.7	47.7	49.3					
BAR 8PP 504	30.3	26.7	28.3	31.7	29.7	59.0	84.3	45.0	53.3	40.0					
BAR PP 119326	28.3	24.7	29.3	32.3	31.3	63.3	86.3	44.0	43.3	49.0					
BLACKJACK	30.3	25.0	28.3	32.3	33.3	58.0	90.3	41.7	46.3	49.7					
PICK MP07	28.3	25.7	29.0	33.0	31.7	59.0	80.7	40.7	46.3	48.0					
PICK TD9	32.0	27.7	30.3	33.7	32.7	54.3	80.0	35.3	41.7	42.3					
PST-K9-90	29.3	26.0	30.0	35.0	33.7	60.7	84.0	46.7	44.3	48.7					
THERMAL BLUE	29.7	25.3	28.0	32.0	32.0	62.0	85.7	39.7	49.3	48.7					
RAD-849	30.0	28.0	29.7	33.7	31.7	60.0	74.0	40.0	42.3	42.7					
KENBLUE	31.0	26.3	27.3	30.7	33.0	49.7	82.3	39.3	39.7	49.0					
PST-K4-3	29.0	25.3	30.0	33.7	30.3	59.0	94.3	43.0	42.7	46.0					
ZINGER (A05-306)	30.3	26.0	28.0	33.0	30.3	60.3	85.7	39.0	49.7	50.3					
LSD VALUE	7.7	5.6	7.7	6.6	6.9	28.6	32.8	18.5	36.8	28.9					
C.V. (%)	6.3	8.1	6.6	6.1	7.2	12.2	12.0	13.0	15.8	15.1					

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

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

TABLE 27.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	JAN	FEB	MAR	APR	QUALITY RATINGS				QUALITY RATINGS					
					MAY	JUN	JUL	AUG	BEFORE TRAFFIC SEP 18	AFTER TRAFFIC OCT 12 10 GAME	OCT 26 20 GAME	RECOVERY QUALITY		
												NOV 10 2-WEEKS	NOV 26 1-MONTH	DEC 9 1.5-MONTH
BARVETTE HGT (BAR VV 0709)	7.7	8.0	8.3	8.3	8.0	8.0	8.0	8.7	9.0	9.0	8.7	8.7	8.7	6.0
BAR VV 118532	6.7	6.7	7.3	7.7	8.0	8.0	8.0	6.3	8.3	8.0	6.7	7.7	7.7	5.7
BLUEBANK (A03-1017)	8.0	8.3	8.0	8.0	8.3	9.0	9.0	9.0	9.0	7.7	6.0	7.0	7.3	5.7
A04-36	7.0	7.3	7.7	7.7	8.3	8.0	8.0	7.7	8.0	7.3	6.0	6.3	6.3	5.3
AKB 2555	7.0	7.7	8.0	7.7	8.3	8.0	8.3	7.3	8.7	7.0	5.3	6.7	7.0	5.3
AVID	7.0	7.3	8.0	8.3	8.3	8.7	8.3	8.0	9.0	8.0	6.7	7.3	7.0	5.3
BAR VV 112916	7.0	7.0	7.7	7.3	7.3	8.0	8.0	7.7	8.7	7.7	5.3	6.3	6.3	5.3
BLACKJACK	6.7	7.0	7.3	7.3	7.7	8.0	8.0	8.0	8.0	7.3	6.3	6.7	6.7	5.3
EMPIRE	7.0	7.0	7.7	7.7	8.0	8.7	8.0	8.0	8.3	7.0	5.3	6.0	6.7	5.3
J-1770	8.3	8.7	8.3	8.7	8.7	8.7	8.3	7.3	8.3	7.0	6.0	7.0	7.7	5.3
JACKRABBIT (PST-K10-106D)	6.7	7.0	7.7	8.0	8.3	8.7	8.0	7.7	8.7	7.7	6.0	6.3	6.7	5.3
3733	6.7	6.7	7.7	7.7	7.7	8.7	8.3	8.0	8.7	6.7	5.0	5.7	5.7	5.0
A00-2882	6.3	6.7	7.3	7.3	7.3	8.0	7.7	7.0	8.7	7.3	6.0	6.3	6.7	5.0
A00-4199	6.0	6.0	7.0	7.3	7.3	7.3	7.0	6.7	7.3	6.3	5.0	5.0	5.3	5.0
A01-1106	7.3	7.7	8.0	8.0	9.0	9.0	8.3	6.7	8.0	7.3	5.7	6.7	6.7	5.0
A04-38	7.0	7.0	7.7	7.3	7.7	8.0	8.0	7.0	8.3	6.7	5.0	5.7	5.7	5.0
A05-329	6.3	6.7	7.7	7.3	8.0	8.7	8.0	6.3	8.0	7.0	5.0	5.3	5.7	5.0
A05-361	6.7	6.7	7.7	8.0	8.3	8.0	8.3	6.7	8.3	6.7	5.3	6.3	6.7	5.0
A05-999	6.3	6.7	7.3	7.3	8.0	8.7	8.0	6.7	8.3	7.3	5.0	5.7	5.7	5.0
A05-TB-382	7.0	7.3	8.3	8.0	8.0	8.0	8.0	8.7	9.0	8.0	6.0	6.7	6.7	5.0
A06-26	6.3	6.3	7.7	7.3	8.0	9.0	8.0	7.3	8.0	6.3	4.7	5.3	5.3	5.0
A06-46	6.7	7.3	7.7	7.7	8.0	9.0	9.0	6.7	9.0	6.3	5.0	5.7	5.7	5.0
A06-47	6.7	7.0	7.3	7.3	8.0	8.7	8.7	7.7	8.3	5.7	4.0	4.7	4.7	5.0
A98-363	7.0	6.7	8.0	8.3	8.0	8.0	8.0	7.7	8.3	7.0	5.3	5.7	6.3	5.0
AMERICA	6.7	6.7	7.7	8.3	8.0	8.0	8.0	7.0	8.0	7.7	5.3	7.0	7.0	5.0
ARROWHEAD	7.0	7.0	8.0	7.7	8.0	8.3	8.3	8.3	9.0	7.7	6.0	6.7	7.0	5.0
AWARD	7.7	7.7	8.0	8.0	8.3	9.0	8.7	8.0	8.7	7.0	5.3	6.3	6.7	5.0
BAR 12PP 612	7.0	7.0	7.7	7.7	8.0	8.3	7.7	7.0	8.0	6.7	5.3	5.7	6.0	5.0
BAR 8PP 504	6.3	6.3	7.3	8.0	8.0	8.0	7.7	7.0	8.0	6.7	5.0	6.0	5.7	5.0
BAR PP 110358	8.3	8.3	8.3	8.3	7.7	8.0	8.0	8.7	9.0	7.7	5.7	6.7	7.0	5.0
BAR PP 119326	6.7	6.7	7.7	7.7	7.3	8.0	7.3	6.7	8.0	6.7	5.0	6.0	6.3	5.0
BAR PP 119327	6.7	6.7	7.7	7.7	7.7	8.0	8.0	6.0	8.7	8.0	6.7	7.3	7.0	5.0
BARDUKE	7.0	7.3	8.0	7.7	7.7	8.0	8.0	6.7	8.3	7.3	6.0	6.7	7.0	5.0
BARON	6.7	6.7	7.7	7.0	8.0	8.0	8.0	6.3	8.7	6.7	5.3	6.3	6.0	5.0
BLUE COAT (AKB 2282)	7.0	7.0	7.3	7.7	8.0	8.7	8.3	7.3	8.0	6.0	4.7	5.3	5.3	5.0
BLUE NOTE	7.3	7.7	8.3	8.3	8.7	8.7	9.0	8.0	8.3	7.3	6.7	7.0	7.0	5.0
BURL 06-11	7.0	7.3	7.7	7.7	8.3	8.0	8.0	8.3	8.0	6.3	4.0	5.7	6.0	5.0
BURL 3-51	7.7	8.0	8.3	8.7	8.7	8.7	9.0	8.0	9.0	7.3	6.0	6.3	6.3	5.0
CABERNET	7.3	7.7	7.7	8.7	8.3	8.0	8.0	8.0	8.0	6.7	5.3	6.7	7.3	5.0
DAUNTLESS (A05-315)	7.0	7.0	8.0	7.7	8.0	8.0	8.0	8.0	8.7	6.7	5.3	6.0	6.0	5.0
GEISHA (DPPP818)	7.0	6.7	8.0	7.7	8.0	8.0	7.7	6.3	8.3	7.0	5.3	6.0	6.7	5.0
BOLT (H99-1653)	6.7	6.7	7.7	7.3	7.7	8.3	8.3	8.3	7.7	6.3	5.0	5.7	5.7	5.0
J-1136	7.3	8.0	8.0	8.3	8.3	9.0	8.7	7.7	8.7	6.7	5.7	6.3	6.3	5.0
J-1853	8.0	8.3	8.0	8.7	8.7	9.0	8.7	6.7	8.7	7.0	6.3	6.7	6.7	5.0
LEGEND (A10-1)	6.7	6.7	7.3	7.3	8.0	9.0	8.7	7.3	8.3	7.0	5.3	6.0	6.7	5.0

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	JAN	FEB	MAR	QUALITY RATINGS					QUALITY RATINGS			RECOVERY QUALITY		
				APR	MAY	JUN	JUL	AUG	BEFORE TRAFFIC SEP 18	AFTER TRAFFIC OCT 12 10 GAME	OCT 26 20 GAME	NOV 10 2-WEEKS	NOV 26 1-MONTH	DEC 9 1.5-MONTH
LUNAR (PST-07-261)	6.7	7.3	7.3	8.0	8.7	9.0	8.7	8.0	8.0	6.3	4.7	6.0	5.7	5.0
MAZAMA (A04-74)	7.7	7.3	8.0	8.0	8.7	9.0	8.3	7.3	8.7	6.7	5.3	5.7	6.3	5.0
MERLOT (LTP-08-6)	7.0	7.0	8.0	7.7	8.0	9.0	8.7	7.7	8.3	6.7	5.0	5.7	6.0	5.0
MIDNIGHT	8.0	8.3	8.7	8.3	9.0	9.0	9.0	7.7	9.0	6.7	5.3	6.0	6.3	5.0
NU CHICAGO	8.0	8.0	8.0	8.7	9.0	9.0	8.0	7.3	8.3	7.3	6.0	7.0	7.3	5.0
OASIS (A98-344)	6.7	7.0	7.3	8.3	8.3	8.3	8.0	6.3	8.3	6.3	5.0	5.3	5.3	5.0
PICK 033	7.3	7.7	8.0	8.0	8.7	9.0	8.7	8.0	9.0	6.7	5.3	5.7	6.3	5.0
PICK 4340	7.7	7.7	7.7	8.3	8.7	8.7	8.7	6.7	7.3	6.0	4.7	5.3	5.7	5.0
PICK TD8	6.7	7.0	7.7	7.7	8.3	8.0	8.0	8.0	8.7	7.7	6.0	6.0	6.0	5.0
PICK TD9	6.0	6.7	7.7	7.3	8.3	8.0	8.0	7.0	8.3	7.0	5.0	5.7	6.0	5.0
PST-K4-3	6.3	6.3	7.0	7.0	7.7	9.0	8.3	7.3	8.7	6.3	4.3	4.7	5.3	5.0
PST-K9-90	6.3	6.3	7.0	6.7	7.7	8.3	8.0	7.7	9.0	7.0	5.0	5.7	5.7	5.0
PST-K9-97	6.0	6.0	7.3	7.0	7.7	8.0	8.0	8.7	9.0	7.3	6.3	6.7	6.3	5.0
PST-K9-99	6.3	6.3	7.0	6.7	7.7	8.0	8.0	6.7	8.0	6.7	5.7	6.3	6.3	5.0
PST-T10-18	7.0	6.3	7.7	7.7	8.3	8.0	8.3	7.3	7.7	6.3	5.0	5.7	6.0	5.0
RAD-507	6.3	6.0	7.7	8.0	8.3	8.7	8.0	7.0	8.3	7.0	5.7	6.3	6.7	5.0
RAD-849	6.3	6.3	7.0	7.0	7.7	8.0	8.0	8.3	9.0	7.0	5.3	6.0	5.7	5.0
RUBIX (4S2W)	7.3	7.3	8.3	7.3	8.0	9.0	8.7	7.0	7.3	6.7	5.7	6.0	6.0	5.0
RUSH	7.3	7.7	8.0	8.3	8.3	8.3	8.3	6.7	8.3	6.3	5.3	5.7	6.0	5.0
SHAMROCK	6.7	7.3	7.7	7.7	8.0	8.0	8.0	8.0	8.7	7.0	6.0	6.3	6.7	5.0
SKYE	7.0	7.3	8.3	8.3	8.3	8.7	8.0	8.7	8.7	7.7	5.3	6.3	6.7	5.0
SRX 2758	7.7	7.7	8.3	8.3	8.3	8.3	7.7	7.0	8.7	7.3	5.7	7.3	7.3	5.0
SRX 4338	6.7	6.7	8.0	8.3	8.7	9.0	9.0	7.0	8.0	6.3	4.7	5.0	5.0	5.0
SRX 466	7.3	7.3	8.7	8.7	8.7	8.3	8.0	6.7	9.0	7.7	6.0	6.7	7.0	5.0
SR 2150 (SRX 5321)	7.3	7.3	7.7	8.3	8.3	8.0	8.0	7.7	7.3	6.7	5.0	6.0	6.3	5.0
SUDDEN IMPACT	7.7	8.0	8.0	8.3	8.3	9.0	8.3	6.7	8.7	6.7	5.3	5.7	6.3	5.0
THERMAL BLUE	6.3	7.0	7.7	7.7	7.7	8.0	7.0	6.0	7.7	6.3	4.7	5.3	5.7	5.0
WATERWORKS (A05-204)	7.0	7.0	8.0	8.0	7.7	8.7	8.0	7.7	8.7	6.7	5.7	6.0	6.7	5.0
ZINGER (A05-306)	6.3	6.0	7.0	7.0	7.0	8.3	8.0	7.7	8.0	6.7	5.3	5.7	5.3	5.0
A05-360	6.3	6.7	8.0	7.7	8.7	8.0	8.0	6.0	8.0	5.7	4.0	4.7	5.0	4.7
ARAMINTHA (PP 10847)	7.0	7.0	8.3	8.3	8.0	8.0	7.3	6.0	8.3	6.7	4.7	5.3	5.7	4.7
KEENELAND (A04-342)	7.0	7.0	8.0	8.3	8.7	9.0	8.7	8.0	8.0	6.3	4.7	6.0	5.7	4.7
KENBLUE	6.3	6.3	7.7	7.3	8.0	8.0	7.7	8.3	8.7	6.0	4.3	5.0	4.7	4.7
PICK MP07	6.3	6.7	7.3	7.3	7.7	8.0	8.0	6.7	8.7	5.7	4.7	5.0	5.0	4.7
RAD-1492	6.7	6.7	7.7	7.7	8.3	8.3	8.3	7.3	9.0	6.7	5.0	6.3	6.3	4.7
ENDURANCE (PST-K4-7)	6.3	6.3	7.3	7.3	8.0	8.7	8.3	7.7	8.3	6.7	5.0	5.3	5.0	4.3
ZEDOR (PPH 9131)	6.3	6.7	7.7	7.7	8.0	8.0	8.0	8.0	7.7	6.0	4.3	4.0	4.0	4.3
LSD VALUE	.	.	.	.	.	.	.	.	1.1	1.4	1.7	1.8	2.5	0.7
C.V. (%)	.	.	.	.	.	.	.	.	6.5	10.5	15.9	14.9	16.9	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 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	GENETIC COLOR	SUMMER PATCH	SEEDHEAD RATINGS	PERCENT LIVING GROUND COVER RATINGS			PERCENT LIVING GROUND COVER RATINGS AFTER TRAFFIC RECOVERY FROM TRAFFIC				
				MARCH	MAY	AUGUST	PRETRAFFIC SEP 18	OCT 12 10 GAME	OCT 26 20 GAME	NOV 10 2-WEEKS	NOV 23 1-MONTH
BARVETTE HGT (BAR VV 0709)	4.3	9.0	9.0	90.7	98.0	96.3	95.7	87.0	74.7	90.7	96.0
BAR VV 118532	4.3	8.0	7.3	87.3	98.0	86.7	92.0	51.3	52.0	84.7	90.3
BLUEBANK (A03-1017)	8.0	9.0	8.7	85.7	98.0	97.0	96.0	60.7	41.3	77.7	84.0
A04-36	5.3	8.7	8.3	76.3	97.0	93.3	96.0	27.3	43.3	66.7	72.7
AKB 2555	6.0	8.3	8.0	83.7	97.0	91.3	94.7	55.3	32.0	72.0	77.3
AVID	8.0	8.7	8.7	84.7	98.3	93.7	97.3	67.3	45.3	75.7	81.0
BAR VV 112916	4.7	8.7	8.0	82.3	96.7	93.3	96.0	56.0	31.3	68.3	77.3
BLACKJACK	6.0	9.0	8.3	76.3	95.3	95.0	93.3	50.3	43.0	72.3	78.3
EMPIRE	7.3	9.0	9.0	83.3	97.0	95.0	92.7	72.3	27.7	67.0	76.0
J-1770	8.0	8.7	8.3	85.7	98.0	91.7	92.7	60.0	37.0	72.0	80.7
JACKRABBIT (PST-K10-106D)	7.3	8.7	8.0	78.7	96.0	92.3	91.7	39.7	36.0	61.3	74.0
3733	7.0	8.7	7.7	76.0	95.0	95.0	96.3	45.3	26.7	59.3	67.3
A00-2882	6.7	7.7	8.0	62.7	82.3	87.7	95.3	63.0	34.7	67.7	77.3
A00-4199	5.3	8.0	8.0	59.0	74.3	88.3	84.3	35.0	21.0	44.0	55.0
A01-1106	8.0	8.0	8.0	83.7	98.3	87.7	94.7	36.3	34.0	73.0	80.0
A04-38	5.7	8.0	7.7	71.3	93.7	88.3	93.3	12.0	24.3	53.7	62.0
A05-329	7.0	7.7	7.0	80.3	97.0	85.0	95.7	38.3	21.0	50.0	56.7
A05-361	6.7	8.3	7.7	83.3	97.0	90.0	96.0	56.0	29.7	66.3	78.0
A05-999	6.7	8.0	7.7	76.0	96.0	88.3	94.0	65.7	26.3	58.0	67.7
A05-TB-382	6.0	9.0	7.7	79.3	96.7	97.0	96.0	50.0	38.0	68.7	74.7
A06-26	7.7	8.3	8.0	72.7	95.3	90.7	94.0	65.0	19.3	51.0	55.0
A06-46	8.0	7.7	8.0	83.3	96.7	84.0	96.0	61.7	23.3	59.0	66.3
A06-47	6.3	8.7	8.0	83.0	97.3	92.3	91.7	31.0	12.3	44.7	51.0
A98-363	6.0	9.0	8.7	85.0	98.0	92.3	94.7	35.0	23.0	61.7	72.0
AMERICA	5.7	8.3	7.0	80.3	97.3	89.0	95.3	59.3	31.0	74.0	84.3
ARROWHEAD	6.0	9.0	7.7	83.0	97.3	95.7	95.0	73.7	41.3	72.0	82.3
AWARD	8.3	8.7	8.3	84.3	98.0	94.0	93.0	49.0	29.0	68.7	74.7
BAR 12PP 612	5.7	8.0	7.7	80.3	94.0	88.3	88.7	42.0	22.0	54.0	64.3
BAR 8PP 504	5.0	8.0	8.0	72.3	97.3	88.3	91.7	68.7	24.7	57.3	62.7
BAR PP 110358	6.3	9.0	8.3	90.3	97.7	96.3	96.0	52.0	28.3	75.3	86.7
BAR PP 119326	5.7	8.0	8.0	73.0	94.3	89.0	90.0	52.0	24.0	62.0	70.3
BAR PP 119327	6.7	8.0	7.0	80.0	96.7	85.0	93.7	64.3	49.0	80.0	87.0
BARDUKE	6.0	7.7	7.3	85.0	97.0	87.3	93.0	37.0	39.7	70.0	79.3
BARON	6.7	7.3	7.0	77.0	95.7	83.3	93.7	72.7	31.3	64.7	66.7
BLUE COAT (AKB 2282)	7.0	8.3	7.7	78.0	96.0	91.7	81.0	35.0	20.7	46.7	50.7
BLUE NOTE	6.3	8.7	7.0	88.3	98.3	94.0	95.7	51.0	48.0	75.3	80.7
BURL 06-11	5.7	8.7	7.3	82.3	98.7	94.7	93.0	24.3	17.0	58.7	67.0
BURL 3-51	8.3	9.0	8.7	86.3	99.0	95.0	96.7	52.7	31.0	66.3	73.0
CABERNET	6.3	8.7	8.3	81.7	98.3	94.0	92.0	35.7	27.7	67.7	74.3
DAUNTLESS (A05-315)	5.7	8.7	7.7	78.0	96.7	94.7	94.7	29.3	30.0	61.7	72.0
GEISHA (DPPP818)	6.0	7.7	7.7	85.7	97.3	85.0	95.7	23.3	37.0	64.3	75.0
BOLT (H99-1653)	6.3	8.7	8.7	82.7	99.0	95.3	92.0	25.3	25.7	55.0	63.7
J-1136	8.3	8.7	9.0	80.0	97.0	92.3	93.0	36.0	29.0	61.0	69.3
J-1853	8.7	8.3	8.7	84.3	98.3	90.0	93.7	56.7	40.3	69.0	72.7
LEGEND (A10-1)	8.0	8.7	8.7	76.7	97.0	91.7	94.7	62.3	28.3	64.7	74.0

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	GENETIC COLOR	SUMMER PATCH	SEEDHEAD RATINGS	PERCENT LIVING GROUND COVER RATINGS				PERCENT LIVING GROUND COVER RATINGS AFTER TRAFFIC		GROUND COVER RATINGS RECOVERY FROM TRAFFIC	
				MARCH	MAY	AUGUST	PRETRAFFIC SEP 18	OCT 12 10 GAME	OCT 26 20 GAME	NOV 10 2-WEEKS	NOV 23 1-MONTH
LUNAR (PST-07-261)	8.3	8.3	7.7	77.7	97.3	90.7	87.7	39.0	23.7	55.7	63.0
MAZAMA (A04-74)	8.0	8.7	9.0	83.7	97.7	92.0	92.7	55.7	28.3	60.7	68.0
MERLOT (LTP-08-6)	7.3	8.7	7.0	81.0	96.0	92.3	93.7	32.0	21.7	58.3	66.7
MIDNIGHT	9.0	8.7	9.0	87.0	99.0	93.7	96.0	66.0	32.0	59.7	69.3
NU CHICAGO	8.0	8.7	8.3	83.7	98.7	91.7	93.0	40.0	36.7	75.0	81.7
OASIS (A98-344)	7.0	7.7	7.7	78.7	97.3	85.0	94.3	44.3	16.3	51.7	58.0
PICK 033	7.3	8.7	8.7	84.0	98.7	94.0	95.0	39.7	25.7	57.3	66.7
PICK 4340	7.0	7.7	8.7	83.0	98.7	84.0	81.0	45.0	20.7	54.0	60.7
PICK TD8	5.7	8.7	8.0	79.3	96.7	93.7	95.7	64.0	44.7	66.3	73.3
PICK TD9	5.7	8.0	7.7	79.3	97.7	87.3	95.0	42.7	27.3	60.3	67.3
PST-K4-3	7.3	8.7	8.0	70.0	93.7	91.7	92.7	24.7	13.0	41.7	56.0
PST-K9-90	6.0	8.7	7.7	71.0	89.3	94.0	95.0	29.3	30.3	59.7	65.7
PST-K9-97	6.7	9.0	7.7	71.7	89.0	96.3	95.7	73.7	42.7	73.7	78.3
PST-K9-99	7.0	8.0	7.0	72.0	93.7	88.3	92.7	39.3	32.3	65.3	74.3
PST-T10-18	6.0	8.7	8.0	86.0	98.7	91.7	93.0	62.3	27.3	64.3	71.0
RAD-507	6.3	8.0	8.0	84.0	97.3	89.0	93.0	66.7	37.3	72.3	80.3
RAD-849	6.7	9.0	8.0	66.7	94.3	95.7	96.3	45.7	31.7	58.7	64.7
RUBIX (4S2W)	6.3	8.3	8.0	86.0	97.7	90.7	77.0	16.0	31.0	62.0	65.0
RUSH	8.0	8.0	8.3	82.0	96.3	86.7	90.7	15.7	28.7	58.0	65.3
SHAMROCK	5.3	8.7	7.3	83.3	97.3	94.0	96.0	60.3	42.0	67.0	75.3
SKYE	6.7	9.0	8.0	87.0	97.7	96.3	94.7	26.3	34.0	71.7	81.7
SRX 2758	6.7	8.3	8.3	84.3	97.7	89.0	95.0	20.3	38.0	76.3	84.3
SRX 4338	7.3	8.0	8.7	91.3	98.7	88.3	90.7	21.7	22.0	56.3	60.0
SRX 466	7.7	8.7	8.7	85.3	98.7	89.0	95.7	50.0	35.7	69.7	78.0
SR 2150 (SRX 5321)	5.0	8.3	8.7	85.3	98.3	92.0	88.0	72.3	27.3	67.0	74.0
SUDDEN IMPACT	8.7	8.0	8.7	84.7	98.0	86.7	93.3	39.0	28.3	56.7	68.0
THERMAL BLUE	6.0	7.7	8.0	71.0	94.7	84.0	87.7	48.3	18.7	52.3	63.3
WATERWORKS (A05-204)	7.3	8.7	7.0	84.0	96.7	93.3	95.3	66.3	34.3	64.3	70.3
ZINGER (A05-306)	5.7	8.7	8.0	56.0	84.0	93.3	94.3	39.3	28.7	54.7	63.3
A05-360	7.0	7.3	8.7	78.7	98.7	82.7	85.0	29.7	15.3	43.0	53.3
ARAMINTHA (PP 10847)	5.3	7.7	8.3	83.7	97.3	83.3	93.7	25.7	29.3	54.0	61.3
KEENELAND (A04-342)	7.3	8.3	8.7	90.3	99.0	93.3	94.0	31.7	23.0	61.7	66.3
KENBLUE	4.7	8.7	8.7	77.3	96.3	95.3	97.3	48.0	16.7	46.0	51.0
PICK MP07	6.7	8.3	8.0	68.0	94.3	90.3	94.0	22.3	19.3	45.3	51.0
RAD-1492	6.3	8.7	7.7	83.0	98.0	91.7	96.0	52.3	26.7	64.7	69.7
ENDURANCE (PST-K4-7)	7.7	8.7	8.3	73.0	95.7	92.3	88.0	65.3	23.3	49.3	45.3
ZEDOR (PPH 9131)	5.0	9.0	7.0	78.0	97.7	95.7	93.7	41.3	19.0	34.7	41.3
LSD VALUE	1.2	1.2	0.8	20.5	20.5	10.9	11.0	145.0	21.6	25.3	29.0
C.V. (%)	11.3	6.7	6.1	11.2	6.2	5.4	5.2	66.0	37.3	20.0	19.2

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

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

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 18	5 GAME SEP 30	10 GAME OCT 12	15 GAME OCT 22	20 GAME OCT 26	PRETRAFFIC SEP 18	5 GAME SEP 30	10 GAME OCT 12	15 GAME OCT 22	20 GAME OCT 26
BARVETTE HGT (BAR VV 0709)	26.7	39.3	34.3	23.0	25.3	69.0	41.0	34.7	84.3	107.7
BAR VV 118532	26.0	36.0	32.0	24.7	28.3	76.7	33.7	36.3	64.3	104.0
BLUEBANK (A03-1017)	27.3	36.3	32.3	23.0	27.7	74.0	42.0	37.0	73.0	106.3
A04-36	26.0	36.7	31.7	23.3	28.0	74.3	41.0	37.7	49.3	102.3
AKB 2555	21.7	35.7	33.0	21.0	25.7	84.3	47.0	43.3	74.7	121.7
AVID	28.0	38.7	34.7	24.7	29.7	66.3	43.7	36.7	76.7	98.0
BAR VV 112916	26.7	36.3	32.0	24.0	27.0	81.0	38.7	40.0	75.7	100.3
BLACKJACK	26.3	35.3	32.0	23.3	25.7	75.3	39.7	42.7	77.7	112.0
EMPIRE	28.3	38.0	33.3	26.3	27.0	73.3	40.0	40.0	71.0	107.7
J-1770	25.7	36.0	32.3	24.0	26.0	80.0	46.7	42.7	77.3	102.0
JACKRABBIT (PST-K10-106D)	26.0	36.0	30.7	24.7	27.0	83.3	41.3	46.0	91.0	110.0
3733	26.0	35.0	31.3	22.7	28.0	80.3	48.3	38.7	67.7	101.0
A00-2882	26.3	35.3	32.3	23.0	25.3	68.3	48.0	41.7	93.3	109.7
A00-4199	24.3	33.0	34.7	22.7	25.3	77.0	49.3	37.3	78.7	91.3
A01-1106	25.7	36.7	33.3	22.0	27.3	78.3	48.7	38.7	56.0	113.0
A04-38	26.0	35.3	30.0	22.0	26.3	84.0	46.7	41.7	92.0	122.7
A05-329	26.3	35.7	32.7	22.0	26.3	70.3	57.0	36.3	87.7	113.0
A05-361	24.7	34.3	30.7	22.7	26.3	72.0	44.0	43.0	78.7	104.0
A05-999	22.3	33.7	30.7	22.3	24.7	75.0	44.0	48.0	79.0	106.3
A05-TB-382	28.7	37.7	34.0	24.3	27.3	72.0	40.3	40.3	72.7	108.7
A06-26	26.7	35.7	32.7	23.0	26.3	69.3	42.0	40.0	62.0	96.3
A06-46	28.3	37.3	33.7	23.7	27.3	72.3	42.0	36.7	67.7	101.7
A06-47	25.7	35.7	30.3	22.7	26.3	79.3	51.3	42.7	90.7	88.3
A98-363	25.0	35.0	31.3	23.0	25.7	80.7	38.3	45.0	84.0	109.7
AMERICA	26.0	34.3	32.3	23.0	27.3	71.0	42.7	40.0	90.3	101.0
ARROWHEAD	26.7	35.7	30.7	23.7	26.3	78.0	47.0	39.7	78.0	107.7
AWARD	26.7	36.3	31.7	24.7	27.0	74.3	47.7	37.0	88.0	100.7
BAR 12PP 612	26.0	35.0	30.7	22.0	25.3	77.0	49.0	50.0	91.3	119.0
BAR 8PP 504	27.3	35.7	31.0	23.3	27.0	71.3	44.7	40.3	82.7	97.3
BAR PP 110358	27.7	38.7	31.3	24.0	26.3	68.3	46.3	34.3	80.0	97.0
BAR PP 119326	27.0	34.7	30.3	24.0	26.0	75.3	45.3	44.3	76.0	103.3
BAR PP 119327	24.3	35.3	31.7	23.7	27.3	80.7	43.3	39.0	62.3	112.0
BARDUKE	26.0	36.0	33.7	22.3	28.0	76.7	45.3	40.3	84.3	116.7
BARON	25.0	36.3	32.7	24.0	27.0	77.7	43.3	39.0	87.0	107.7
BLUE COAT (AKB 2282)	28.3	35.0	31.7	24.7	27.0	69.3	38.7	37.3	87.3	115.7
BLUE NOTE	27.0	34.3	32.7	24.0	27.3	68.3	44.0	45.0	74.3	98.0
BURL 06-11	24.0	35.7	30.0	21.3	26.7	82.0	48.0	43.3	89.3	111.3
BURL 3-51	25.3	36.0	33.3	25.0	29.0	72.0	40.0	43.0	78.7	80.0
CABERNET	26.3	35.7	32.0	24.0	27.0	75.7	47.3	40.7	97.0	110.3
DAUNTLESS (A05-315)	24.7	34.3	30.3	22.7	25.0	72.7	48.3	40.0	71.3	112.0
GEISHA (DPPP818)	25.0	34.3	32.0	23.0	24.0	81.7	44.0	42.3	90.0	119.7
BOLT (H99-1653)	29.0	35.7	32.7	24.0	28.0	74.3	40.0	41.3	80.7	97.0
J-1136	25.3	36.3	33.3	24.7	28.3	71.7	42.3	37.0	62.0	104.3
J-1853	28.0	36.7	33.7	25.0	28.3	65.0	41.0	43.3	72.0	80.3
LEGEND (A10-1)	26.7	35.0	31.0	23.0	28.7	69.0	45.0	44.0	74.0	102.0

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2015 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 18	5 GAME SEP 30	10 GAME OCT 12	15 GAME OCT 22	20 GAME OCT 26	PRETRAFFIC SEP 18	5 GAME SEP 30	10 GAME OCT 12	15 GAME OCT 22	20 GAME OCT 26
LUNAR (PST-07-261)	28.3	35.0	32.0	26.0	26.0	79.3	42.3	43.0	82.7	105.3
MAZAMA (A04-74)	27.3	35.3	32.7	24.3	27.0	75.7	43.7	40.0	79.3	114.7
MERLOT (LTP-08-6)	22.3	34.7	30.0	21.0	27.7	80.7	48.0	42.0	91.7	107.3
MIDNIGHT	26.3	37.0	34.0	25.0	26.0	80.3	51.0	35.3	56.0	104.7
NU CHICAGO	26.0	35.7	32.0	24.3	30.0	67.7	42.0	41.0	78.7	94.7
OASIS (A98-344)	25.3	35.0	31.0	23.0	26.3	76.3	46.7	39.7	84.7	107.0
PICK 033	24.7	37.0	32.3	23.0	25.7	75.7	48.0	43.0	71.0	106.3
PICK 4340	26.3	38.0	34.0	25.7	24.7	73.3	37.0	40.3	67.0	108.7
PICK TD8	28.0	36.7	33.3	26.0	29.7	68.0	39.0	36.7	69.7	93.3
PICK TD9	26.3	36.3	32.3	25.7	27.3	69.0	41.7	43.7	60.0	105.7
PST-K4-3	24.3	34.0	30.7	22.3	23.3	83.0	43.0	48.0	86.3	122.3
PST-K9-90	24.0	35.7	31.3	23.7	26.3	73.0	46.0	43.0	76.0	95.7
PST-K9-97	27.0	35.3	31.0	21.7	28.3	72.7	44.7	40.0	83.3	102.3
PST-K9-99	27.7	34.7	32.7	23.3	27.0	70.0	39.7	38.7	73.7	100.3
PST-T10-18	25.3	33.7	32.0	23.7	26.7	77.3	46.3	38.0	73.0	101.7
RAD-507	26.7	36.7	32.7	24.3	27.3	76.3	42.3	36.3	86.7	112.0
RAD-849	29.3	37.7	33.0	25.0	29.7	69.7	40.3	42.0	74.7	93.0
RUBIX (4S2W)	26.7	36.3	30.7	23.3	26.3	75.7	43.7	46.7	77.0	108.0
RUSH	28.7	37.0	32.0	25.0	27.3	68.3	41.0	38.0	87.0	99.7
SHAMROCK	26.0	37.3	33.7	23.0	28.3	76.7	42.7	35.3	80.0	107.7
SKYE	25.7	34.7	30.7	21.7	27.7	71.7	46.3	47.3	75.0	111.0
SRX 2758	25.7	34.0	30.7	22.3	25.3	83.0	49.3	38.0	84.3	115.3
SRX 4338	26.0	34.0	31.7	23.0	28.7	71.7	48.3	38.3	72.7	102.0
SRX 466	28.7	35.3	31.3	24.3	24.7	68.0	48.7	40.7	72.7	105.0
SR 2150 (SRX 5321)	24.3	35.7	32.3	22.0	25.7	81.3	37.3	41.0	82.3	106.3
SUDDEN IMPACT	29.7	36.3	32.3	26.0	27.3	70.7	39.7	42.0	81.0	96.7
THERMAL BLUE	22.7	34.0	30.3	23.0	24.3	79.7	45.0	47.7	74.3	123.0
WATERWORKS (A05-204)	28.3	35.7	31.7	23.7	27.7	71.3	45.3	41.0	78.7	103.7
ZINGER (A05-306)	25.0	34.7	31.0	24.0	27.7	69.7	44.7	40.0	86.7	100.7
A05-360	28.7	36.3	34.3	24.7	26.7	75.0	45.0	34.0	89.3	116.0
ARAMINTHA (PP 10847)	26.7	36.0	33.3	24.3	26.7	76.3	44.7	37.3	77.7	102.7
KEENELAND (A04-342)	23.7	35.3	31.7	22.0	27.0	77.0	47.0	41.3	87.7	109.3
KENBLUE	27.3	33.3	30.7	25.0	28.0	70.3	45.0	40.0	68.0	98.7
PICK MP07	26.7	36.3	32.7	23.3	25.0	74.7	46.0	34.7	64.7	109.3
RAD-1492	25.7	35.0	31.7	23.0	25.7	81.0	45.0	38.3	75.3	97.0
ENDURANCE (PST-K4-7)	28.3	36.0	32.3	25.3	30.3	68.3	38.7	38.7	73.3	96.3
ZEDOR (PPH 9131)	25.3	35.3	33.0	24.7	27.3	74.3	43.3	35.3	77.7	83.3
LSD VALUE	10.0	3.9	4.5	8.8	9.2	46.9	34.7	41.1	75.8	59.6
C.V. (%)	10.3	4.6	5.3	8.9	8.7	12.4	16.3	18.1	21.9	14.3

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 27.
(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
BARVETTE HGT (BAR VV 0709)	4.3	95.7	95.0	95.7	98.0	68.0	86.3	9.0	6.0	6.0	6.0	8.3	8.3	8.0	8.3	7.7	9.0	9.0	8.7	6.0	7.6
BAR VV 118532	4.3	94.0	93.0	92.0	88.0	43.7	74.3	7.3	5.7	6.0	7.0	7.7	8.0	8.0	7.7	6.7	8.3	8.0	7.7	5.7	7.2
SRX 2758	6.7	93.7	94.3	95.0	81.7	49.0	62.7	8.3	5.0	6.0	7.0	8.0	8.0	8.0	8.0	7.3	8.7	7.3	7.3	5.0	7.1
AMERICA	5.7	93.7	94.3	95.3	79.0	15.7	58.0	7.0	5.0	5.7	6.3	8.0	7.7	7.7	8.0	8.0	8.0	7.7	7.0	5.0	7.0
BAR PP 110358	6.3	93.7	94.7	96.0	85.0	38.7	59.3	8.3	5.0	5.3	6.0	8.0	7.7	7.3	8.0	8.0	9.0	7.7	6.7	5.0	7.0
SKYE	6.7	94.3	94.7	94.7	82.3	56.0	64.0	8.0	5.0	5.7	6.7	7.7	8.3	6.7	8.0	8.0	8.7	7.7	6.3	5.0	7.0
A01-1106	8.0	95.3	94.0	94.7	80.0	39.0	61.0	8.0	5.0	5.0	7.0	7.7	8.0	7.0	8.0	8.0	8.0	7.3	6.7	5.0	6.9
A04-36	5.3	94.7	94.3	96.0	75.7	32.3	60.0	8.3	5.3	5.3	5.7	7.7	8.0	7.7	8.0	8.0	8.0	7.3	6.3	5.3	6.9
AKB 2555	6.0	92.0	93.7	94.7	71.0	46.0	64.7	8.0	5.3	5.3	6.7	8.0	7.0	7.3	7.7	7.7	8.7	7.0	6.7	5.3	6.9
AVID	8.0	93.0	92.7	97.3	86.3	49.3	63.3	8.7	5.3	5.3	5.7	7.7	7.7	5.7	7.3	8.0	9.0	8.0	7.3	5.3	6.9
BAR PP 119327	6.7	94.3	93.7	93.7	89.3	76.0	62.0	7.0	5.0	6.0	5.7	7.7	8.0	7.0	7.7	7.3	8.7	8.0	7.3	5.0	6.9
BAR VV 112916	4.7	94.0	95.0	96.0	78.7	45.7	61.7	8.0	5.3	5.3	6.3	8.0	8.0	7.3	8.0	7.0	8.7	7.7	6.3	5.3	6.9
BLUE NOTE	6.3	94.0	95.0	95.7	81.3	45.7	62.7	7.0	5.0	5.7	6.3	7.7	8.0	6.3	8.3	8.0	8.3	7.3	7.0	5.0	6.9
BURL 3-51	8.3	93.7	93.7	96.7	75.0	68.7	56.0	8.7	5.0	5.0	6.3	7.7	8.0	7.0	8.0	7.7	9.0	7.3	6.3	5.0	6.9
SHAMROCK	5.3	94.3	94.3	96.0	79.0	25.3	58.7	7.3	5.0	5.7	6.0	7.7	8.0	8.0	8.0	7.0	8.7	7.0	6.3	5.0	6.9
A05-TB-382	6.0	93.3	94.3	96.0	81.3	85.3	57.7	7.7	5.0	5.0	5.7	7.3	7.7	7.3	8.0	7.3	9.0	8.0	6.7	5.0	6.8
A06-46	8.0	94.3	94.7	96.0	59.3	35.0	54.0	8.0	5.0	5.3	5.7	7.0	8.0	8.0	8.3	7.7	9.0	6.3	5.7	5.0	6.8
ARROWHEAD	6.0	92.0	93.3	95.0	80.3	62.3	60.0	7.7	5.0	5.0	6.3	8.0	7.3	6.3	7.7	7.3	9.0	7.7	6.7	5.0	6.8
BARDUKE	6.0	94.0	91.3	93.0	80.0	65.3	60.3	7.3	5.3	5.7	6.3	8.0	8.0	7.3	7.3	6.0	8.3	7.3	6.7	5.0	6.8
BLACKJACK	6.0	93.0	94.0	93.3	78.0	56.3	63.3	8.3	5.3	5.3	6.0	7.3	7.3	7.7	8.0	7.7	8.0	7.3	6.7	5.3	6.8
BLUEBANK (A03-1017)	8.0	92.0	87.7	96.0	79.0	47.0	73.0	8.7	5.7	5.7	6.7	7.7	7.3	5.3	7.0	7.3	9.0	7.7	7.0	5.7	6.8
CABERNET	6.3	92.7	93.7	92.0	63.3	15.3	55.7	8.3	5.0	5.7	7.3	8.0	7.3	6.7	7.7	7.7	8.0	6.7	6.7	5.0	6.8
EMPIRE	7.3	93.7	94.0	92.7	70.3	66.0	62.3	9.0	5.3	5.3	6.7	7.3	8.0	6.3	8.0	7.7	8.3	7.0	6.0	5.3	6.8
JACKRABBIT (PST-K10-106D)	7.3	92.0	91.7	91.7	77.0	45.7	60.7	8.0	5.0	5.3	6.7	7.7	7.3	6.0	7.3	7.7	8.7	7.7	6.3	5.3	6.8
PICK TD8	5.7	93.7	94.0	95.7	79.3	39.0	59.0	8.0	5.0	5.3	5.3	8.0	7.7	6.7	8.0	8.0	8.7	7.7	6.0	5.0	6.8
PST-K9-97	6.7	92.7	94.0	95.7	83.7	88.7	59.0	7.7	5.0	5.7	5.3	7.3	7.7	7.0	8.0	7.7	9.0	7.3	6.7	5.0	6.8
SRX 466	7.7	94.3	94.0	95.7	78.0	52.3	58.3	8.7	5.0	5.0	6.7	8.0	8.0	6.0	7.7	7.3	9.0	7.7	6.7	5.0	6.8
A00-2882	6.7	93.3	92.0	95.3	76.0	45.7	57.3	8.0	5.0	5.3	6.0	7.7	7.7	6.0	7.3	7.7	8.7	7.3	6.3	5.0	6.7
A05-361	6.7	93.3	94.3	96.0	68.7	52.0	55.7	7.7	5.0	5.3	5.7	7.7	7.7	6.7	8.0	7.7	8.3	6.7	6.3	5.0	6.7
A98-363	6.0	93.0	94.0	94.7	70.0	25.3	57.3	8.7	5.0	5.0	6.0	8.0	7.7	7.3	8.0	7.7	8.3	7.0	5.7	5.0	6.7
KEENELAND (A04-342)	7.3	95.0	94.3	94.0	59.7	68.7	55.0	8.7	4.7	5.3	6.0	8.0	8.3	6.7	8.0	8.0	8.0	6.3	6.0	4.7	6.7
MERLOT (LTP-08-6)	7.3	93.0	95.3	93.7	63.0	38.3	54.7	7.0	5.0	5.7	6.0	7.3	7.7	6.3	8.3	8.0	8.3	6.7	5.7	5.0	6.7
PICK 033	7.3	93.0	93.3	95.0	64.7	38.3	53.0	8.7	4.7	5.0	6.3	8.3	7.3	8.0	7.7	7.0	9.0	6.7	5.7	5.0	6.7
PICK 4340	7.0	94.7	94.0	81.0	47.7	44.3	49.7	8.7	5.0	5.3	7.0	8.7	8.0	7.7	7.7	7.3	7.3	6.0	5.3	5.0	6.7
PICK TD9	5.7	92.7	94.3	95.0	67.3	45.0	53.3	7.7	5.0	5.3	6.0	7.3	7.3	7.7	8.0	7.3	8.3	7.0	5.7	5.0	6.7
PST-K9-99	7.0	93.7	94.3	92.7	70.3	48.7	58.7	7.0	5.0	5.0	5.7	7.3	7.7	7.3	8.0	8.0	8.0	6.7	6.3	5.0	6.7
RAD-507	6.3	94.0	94.0	93.0	69.7	75.7	58.3	8.0	5.0	6.0	5.0	7.0	8.0	6.7	8.0	7.7	8.3	7.0	6.3	5.0	6.7
A04-38	5.7	93.3	93.3	93.3	64.3	91.3	52.0	7.7	5.0	5.0	6.0	7.3	8.0	6.7	7.7	7.3	8.3	6.7	5.7	5.0	6.6
A05-999	6.7	93.7	93.7	94.0	76.3	48.0	51.0	7.7	5.0	5.0	5.7	7.7	8.0	6.7	8.0	6.7	8.3	7.3	5.7	5.0	6.6
AWARD	8.3	92.0	85.3	93.0	68.0	19.0	59.7	8.3	5.0	5.7	7.0	7.7	7.3	5.0	6.7	7.7	8.7	7.0	6.3	5.0	6.6
BAR 12PP 612	5.7	92.7	93.0	88.7	64.0	48.3	53.7	7.7	5.0	5.3	6.7	7.0	7.7	6.3	7.7	8.0	8.0	6.7	5.7	5.0	6.6
BAR PP 119326	5.7	92.3	88.3	90.0	65.0	75.7	58.7	8.0	5.0	5.3	7.3	8.3	7.3	6.3	7.0	6.7	8.0	6.7	6.0	5.0	6.6
BARON	6.7	93.7	93.3	93.7	70.3	38.7	58.3	7.0	5.0	5.3	5.7	6.3	7.7	7.3	7.7	8.0	8.0	6.7	6.3	5.0	6.6
DAUNTLESS (A05-315)	5.7	94.3	93.3	94.7	72.7	58.7	56.3	7.7	5.0	5.0	6.0	7.7	7.7	7.0	7.7	6.7	8.7	6.7	6.0	5.0	6.6
GEISHA (DPPP818)	6.0	93.0	92.7	95.7	75.3	22.0	58.3	7.7	5.3	5.7	6.0	7.0	7.7	6.7	7.7	7.3	8.3	7.0	6.0	5.0	6.6

TABLE 27. (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		PERCENT RECOVERY FROM TRAFFIC		SEEDHEAD RATINGS	QUALITY RATINGS											
					OCT_1 10 GAME	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
LSD 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 28.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2013-2015 DATA

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

NAME	QUALITY RATINGS										MEAN
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BARVETTE HGT (BAR VV 0709)	4.5	4.7	7.0	5.2	4.9	6.0	6.2	6.4	7.2	7.4	6.2
A05-360	6.8	4.8	6.0	4.6	6.3	6.3	5.9	6.0	5.8	6.3	5.9
ZINGER (A05-306)	6.3	4.3	6.0	4.8	5.8	6.2	6.2	6.4	6.1	6.0	5.9
A04-38	6.2	4.3	6.3	4.7	6.0	6.2	5.4	6.3	5.6	5.7	5.7
BAR PP 110358	5.0	4.3	6.7	4.7	5.8	5.8	5.6	5.8	6.6	5.9	5.7
BAR VV 112916	5.7	4.3	7.0	4.8	5.4	5.8	5.8	5.3	6.2	6.6	5.7
BLUE NOTE	6.3	3.8	7.0	4.9	6.2	6.1	5.3	6.0	5.7	5.4	5.7
BOLT (H99-1653)	5.7	4.2	6.0	4.7	5.3	6.1	6.1	5.8	6.6	5.6	5.7
SKYE	6.2	4.5	6.0	5.0	5.8	5.7	5.6	5.9	6.1	6.0	5.7
A04-36	5.2	4.7	6.0	4.8	5.9	5.7	5.6	5.8	5.7	5.6	5.6
A98-363	6.3	4.3	5.7	4.4	5.9	5.6	5.7	5.9	6.1	5.6	5.6
J-1770	7.8	4.0	6.3	4.8	5.9	5.4	5.3	5.9	6.2	5.9	5.6
AWARD	7.8	4.3	6.0	4.3	5.6	5.7	5.8	5.7	5.7	5.7	5.5
PST-T10-18	5.2	4.3	6.7	4.8	5.6	5.6	5.6	5.6	6.2	5.4	5.5
ARAMINTHA (PP 10847)	5.7	4.0	6.0	4.8	5.9	6.2	5.1	5.0	5.4	5.3	5.4
AVID	7.8	4.5	4.7	3.9	5.9	5.8	5.2	6.0	5.7	5.3	5.4
BLUEBANK (A03-1017)	8.0	4.2	6.0	3.8	5.7	5.2	5.4	5.8	5.7	5.7	5.3
CABERNET	6.0	4.5	6.7	4.9	5.8	5.6	5.0	5.4	5.1	5.1	5.3
MIDNIGHT	7.8	4.0	6.3	4.3	5.7	5.4	5.2	5.4	5.6	5.7	5.3
NU CHICAGO	8.0	4.2	6.3	4.0	5.1	5.7	5.6	6.0	5.6	5.4	5.3
PICK Q33	7.2	4.7	6.0	4.6	5.7	5.3	5.0	5.3	5.8	5.3	5.3
SR 2150 (SRX 5321)	6.8	4.3	6.0	4.0	5.9	5.7	5.2	5.4	5.3	5.3	5.3
SRX 2758	6.8	5.0	6.0	4.6	6.2	5.4	5.2	4.8	5.7	5.6	5.3
BAR PP 119326	5.3	4.7	5.3	4.6	5.6	5.6	5.7	4.9	5.1	5.0	5.2
BAR VV 118532	5.5	4.7	6.0	4.7	5.8	5.4	4.9	4.8	5.6	5.4	5.2
BARON	7.7	3.5	5.7	3.9	5.0	5.3	4.8	5.9	6.0	5.4	5.2
ENDURANCE (PST-K4-7)	7.8	3.8	5.7	3.9	5.6	5.4	5.2	5.7	5.3	5.4	5.2
J-1136	7.3	4.0	6.0	4.1	5.3	5.4	5.2	5.2	5.7	5.4	5.2
BLUE COAT (AKB 2282)	7.5	4.0	6.3	4.3	5.7	4.4	4.9	5.2	5.6	5.3	5.1
BURL 06-11	7.0	4.7	6.0	4.8	5.3	4.9	4.4	5.0	5.8	5.3	5.1
BURL 3-51	8.0	4.8	5.3	4.1	5.2	5.4	5.1	5.3	5.3	5.1	5.1
DAUNTLESS (A05-315)	6.2	4.3	6.0	4.4	5.8	5.2	5.0	5.2	4.8	5.3	5.1
PICK MP07	5.2	3.8	6.7	4.3	5.7	5.3	5.3	5.0	4.8	5.0	5.1
SRX 466	7.0	5.3	6.0	4.8	6.2	5.8	4.7	5.0	4.4	4.8	5.1
A06-26	7.2	4.2	6.3	3.8	5.3	5.2	5.2	5.8	5.1	4.9	5.0
A06-46	7.2	4.7	6.7	4.2	5.4	5.1	4.6	5.2	5.4	5.2	5.0
GEISHA (DPPP818)	7.2	3.7	5.7	4.1	5.1	5.3	5.0	5.7	5.1	5.0	5.0
KENBLUE	4.2	3.8	6.7	4.4	4.2	5.0	4.7	5.1	6.1	5.7	5.0
RUBIX (4S2W)	5.7	3.7	7.0	3.9	5.9	6.0	5.1	4.8	5.0	4.6	5.0
RUSH	7.5	3.8	6.0	4.1	5.6	5.7	5.2	5.1	4.6	4.9	5.0
THERMAL BLUE	5.7	3.5	6.0	4.2	5.3	5.6	5.3	5.0	4.9	4.4	5.0
A00-4199	7.3	3.8	6.0	4.0	5.3	5.4	5.1	5.1	4.4	4.6	4.9
BARDUKE	7.0	3.8	5.7	4.1	4.8	5.3	4.9	5.3	4.9	5.0	4.9
OASIS (A98-344)	8.0	5.3	5.0	3.6	5.4	4.7	4.6	5.6	5.6	4.9	4.9
PST-K9-90	7.7	4.0	6.0	3.8	5.2	4.9	5.1	5.4	4.9	4.8	4.9

TABLE 28.
(CONT'D).

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2013-2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	
SHAMROCK	6.3	5.0	6.0	4.1	5.8	5.0	4.7	5.1	4.7	4.8	4.9
A05-361	6.8	5.2	6.0	3.9	6.2	5.2	4.4	5.0	4.6	4.6	4.8
AMERICA	7.0	3.7	5.3	3.6	5.1	5.3	5.0	4.9	4.7	5.2	4.8
EMPIRE	8.2	5.2	5.7	3.8	4.9	5.4	4.6	5.4	4.8	4.9	4.8
KEENELAND (A04-342)	7.2	4.2	6.3	4.2	5.9	5.6	4.6	4.3	4.7	4.4	4.8
LEGEND (A10-1)	8.0	4.8	6.0	3.6	5.3	5.1	4.9	5.2	5.0	4.7	4.8
A00-2882	7.8	5.3	6.0	3.7	5.7	5.3	4.9	5.1	4.3	4.2	4.7
BAR 8PP 504	5.7	3.7	5.0	4.0	5.1	5.3	4.2	4.9	4.9	4.4	4.7
J-1853	7.7	4.2	6.0	3.9	4.8	4.9	5.1	5.0	4.4	4.8	4.7
PICK 4340	7.0	4.0	6.3	4.0	5.4	5.2	4.3	4.7	4.7	4.2	4.7
SRX 4338	6.3	3.8	6.0	4.0	5.6	5.3	4.4	4.4	4.8	4.4	4.7
WATERWORKS (A05-204)	8.0	4.5	5.3	4.0	5.0	4.7	4.8	5.2	5.0	4.6	4.7
A05-999	5.8	3.3	6.3	3.7	5.2	5.1	4.4	5.2	4.3	4.3	4.6
MERLOT (LTP-08-6)	8.0	5.2	5.7	3.9	4.9	4.8	4.7	4.4	4.8	5.0	4.6
PICK TD8	7.3	4.8	6.0	4.1	5.4	4.8	4.1	4.4	4.6	4.4	4.6
ARROWHEAD	7.0	4.8	6.3	3.9	5.7	4.8	4.3	4.3	4.3	4.3	4.5
JACKRABBIT (PST-K10-106D)	7.7	4.5	5.7	3.8	5.3	5.2	4.6	4.9	3.7	3.8	4.5
RAD-849	6.3	4.0	6.0	4.0	5.2	4.9	4.6	4.3	4.4	4.1	4.5
SUDDEN IMPACT	7.8	4.2	6.0	3.8	4.6	4.8	4.4	4.6	4.9	4.6	4.5
A01-1106	7.7	5.0	5.7	3.4	5.6	4.9	4.4	4.4	3.6	3.8	4.3
A05-TB-382	6.8	4.8	5.3	3.7	5.0	4.6	3.9	4.1	5.0	4.1	4.3
PICK TD9	5.8	4.0	6.0	3.9	5.8	4.6	3.8	4.2	4.0	4.1	4.3
PST-K4-3	7.0	4.8	6.3	3.8	4.6	4.9	4.4	4.1	4.2	4.0	4.3
RAD-507	6.5	4.8	6.0	4.1	4.8	4.3	4.1	4.1	4.7	4.3	4.3
RAD-1492	7.5	4.5	6.7	3.7	5.1	4.4	3.9	4.1	3.8	4.1	4.2
AKB 2555	7.3	3.2	6.3	3.6	4.8	4.7	3.9	3.9	3.8	4.0	4.1
BAR PP 119327	7.2	4.0	5.0	3.7	5.1	4.2	3.7	3.8	3.8	4.2	4.1
PST-K9-99	6.5	4.0	4.7	3.7	4.7	4.2	4.2	4.2	4.1	3.9	4.1
3733	8.0	3.8	5.0	3.3	4.1	4.2	3.9	4.1	4.0	4.1	4.0
BLACKJACK	7.0	3.5	6.0	3.6	4.6	4.4	3.8	3.9	3.9	3.6	4.0
MAZAMA (A04-74)	8.2	4.7	6.0	3.3	4.0	4.6	3.7	3.8	4.0	3.8	3.9
ZEDOR (PPH 9131)	6.8	3.8	6.0	3.4	4.3	4.3	3.8	3.8	4.1	3.7	3.9
BAR 12PP 612	7.7	4.2	5.7	3.3	3.9	3.8	3.4	3.4	3.9	3.9	3.7
PST-K9-97	7.7	4.5	5.7	3.4	3.9	4.0	3.7	3.6	3.7	3.7	3.7
LUNAR (PST-07-261)	7.5	4.5	6.7	3.6	4.2	3.9	3.1	3.1	3.0	3.3	3.5
A05-329	8.0	5.3	7.3	2.4	3.9	4.3	3.7	3.9	2.8	2.7	3.4
A06-47	6.8	4.0	6.0	2.7	4.2	4.0	3.6	3.4	3.0	3.1	3.4
LSD VALUE	0.8	5.3	0.9	2.4	0.9	1.0	1.5	1.1	1.1	0.9	0.7
C.V. (%)	10.4	32.0	8.8	33.5	17.3	19.8	28.4	22.8	24.2	20.0	16.6

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 28.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2013-2015 DATA

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

NAME	PERCENT GROUND COVER RATINGS			WINTER COLOR	WINTER KILL	TYPHULA RATINGS	STEM RUST	PERCENT WEEDS	THATCH MEASUREMENT 2014	IN MM	
	SPRING	SUMMER	FALL							2015_1	2015_2
BARVETTE HGT (BAR VV 0709)	82.2	99.0	98.9	1.0	1.0	9.0	2.0	0.8	0.0	0.0	0.0
A05-360	78.7	98.2	97.4	1.0	0.7	9.0	4.3	1.7	0.0	2.3	0.0
ZINGER (A05-306)	86.0	99.0	97.6	1.0	0.7	9.0	3.0	2.5	0.0	0.0	0.0
A04-38	82.7	98.3	95.9	1.0	1.3	9.0	3.7	2.3	4.0	1.3	1.7
BAR PP 110358	85.8	96.7	96.4	1.0	1.7	9.0	2.0	2.8	2.3	1.0	0.7
BAR VV 112916	84.3	98.0	97.7	1.0	2.0	9.0	2.7	1.7	0.7	0.7	0.7
BLUE NOTE	82.9	96.2	96.3	1.0	2.0	9.0	3.7	2.3	0.0	1.7	1.7
BOLT (H99-1653)	85.2	96.7	98.1	1.0	1.7	9.0	2.7	2.0	0.0	0.7	0.0
SKYE	85.8	97.5	97.4	1.0	1.3	9.0	2.0	2.7	0.0	0.7	1.3
A04-36	82.7	97.8	97.4	1.0	0.7	9.0	2.0	2.0	0.7	0.0	1.0
A98-363	82.8	95.7	96.1	1.0	1.7	9.0	2.3	3.7	2.3	1.0	2.3
J-1770	82.2	97.0	94.7	1.0	1.0	9.0	2.3	2.5	2.3	2.0	1.7
AWARD	78.6	97.2	95.3	1.0	1.0	9.0	3.0	5.0	1.7	1.7	1.3
PST-T10-18	82.0	95.7	97.0	1.0	1.3	9.0	2.0	2.3	1.3	0.7	0.7
ARAMINTHA (PP 10847)	85.0	94.5	95.2	1.0	1.0	9.0	3.0	2.8	5.7	1.7	6.0
AVID	80.3	92.0	92.8	1.3	3.3	9.0	3.0	5.8	0.7	11.7	1.7
BLUEBANK (A03-1017)	78.6	93.5	93.4	1.3	1.3	9.0	3.3	4.5	5.0	4.3	3.3
CABERNET	81.0	95.7	94.9	1.0	3.3	9.0	3.0	2.3	2.3	2.3	3.3
MIDNIGHT	80.2	97.0	93.9	1.0	0.3	9.0	3.3	4.2	5.7	3.3	1.0
NU CHICAGO	78.7	96.0	93.9	1.0	0.0	9.0	3.0	3.5	6.7	1.7	0.0
PICK 033	77.8	93.3	96.2	1.0	3.3	9.0	2.7	2.0	2.3	3.3	4.0
SR 2150 (SRX 5321)	79.1	97.3	92.8	1.0	3.0	9.0	3.0	5.8	1.7	5.7	1.0
SRX 2758	82.6	88.5	94.3	2.0	0.3	9.0	3.0	4.5	4.0	4.3	1.0
BAR PP 119326	84.4	96.5	97.1	1.0	0.7	9.0	4.0	1.7	1.3	1.7	0.7
BAR VV 118532	83.6	93.3	94.9	1.0	3.3	9.0	3.7	3.7	1.7	2.7	7.3
BARON	75.7	95.2	97.1	1.0	1.7	9.0	2.7	4.2	2.3	1.7	3.3
ENDURANCE (PST-K4-7)	78.3	89.0	92.1	2.0	4.0	9.0	3.3	4.2	5.7	5.0	1.0
J-1136	79.1	88.2	94.1	2.7	0.7	9.0	3.3	2.0	3.3	1.7	1.0
BLUE COAT (AKB 2282)	81.0	82.3	92.1	3.0	4.0	9.0	2.7	5.7	6.7	3.3	6.3
BURL 06-11	81.8	91.0	93.8	1.3	2.0	9.0	2.0	5.2	2.3	4.7	4.0
BURL 3-51	76.3	84.5	92.9	3.0	1.3	9.0	2.7	6.2	5.7	8.3	3.0
DAUNTLESS (A05-315)	81.7	90.0	95.0	2.0	3.0	8.7	3.0	3.5	2.7	0.7	4.0
PICK MP07	80.8	94.3	96.2	1.0	4.3	9.0	2.0	2.5	4.0	1.7	3.0
SRX 466	79.8	93.8	90.1	1.0	6.7	8.7	3.0	4.5	3.3	3.7	4.0
A06-26	76.6	97.8	95.7	1.0	0.7	9.0	3.3	3.2	2.3	3.0	1.0
A06-46	80.6	93.0	92.8	1.0	5.0	9.0	2.0	4.0	3.3	5.0	4.0
GEISHA (DPPP818)	76.6	91.2	94.0	1.3	2.3	9.0	2.0	5.8	5.7	1.7	6.7
KENBLUE	84.8	95.7	97.4	1.0	4.0	9.0	2.0	2.7	0.7	0.0	4.3
RUBIX (4S2W)	76.0	93.7	90.1	1.0	2.0	8.7	4.0	6.2	10.0	1.7	1.7
RUSH	80.9	90.8	90.8	2.0	1.0	9.0	5.7	4.2	9.0	8.3	2.3
THERMAL BLUE	80.2	94.3	96.4	1.0	2.0	9.0	4.0	2.8	4.0	0.0	3.3
A00-4199	72.6	82.8	88.3	3.3	1.7	9.0	4.0	6.2	10.0	6.7	3.3
BARDUKE	78.9	95.2	93.4	1.0	2.7	8.7	2.0	3.0	5.0	4.0	7.3
OASIS (A98-344)	76.6	96.8	92.4	1.0	2.3	9.0	3.3	3.8	0.7	1.3	3.3
PST-K9-90	74.2	86.0	92.7	3.0	3.7	9.0	4.3	4.5	4.0	7.7	0.0

TABLE 28.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2013-2015 DATA

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

NAME	PERCENT GROUND COVER RATINGS			WINTER COLOR	WINTER KILL	TYPHULA RATINGS	STEM RUST	PERCENT WEEDS	THATCH MEASUREMENT IN MM		
	SPRING	SUMMER	FALL						2014	2015_1	2015_2
SHAMROCK	82.2	92.2	93.0	1.3	3.0	9.0	5.0	5.3	4.0	3.3	6.7
A05-361	76.9	85.7	89.3	2.7	7.3	9.0	3.3	5.3	7.3	3.3	2.3
AMERICA	75.7	92.2	92.0	1.3	2.3	9.0	4.3	4.2	4.0	1.7	3.0
EMPIRE	73.6	97.0	94.1	1.0	1.3	9.0	4.7	2.3	3.7	2.0	5.0
KEENELAND (A04-342)	81.4	86.3	87.3	1.0	5.7	8.0	2.7	4.5	9.0	6.7	18.3
LEGEND (A10-1)	73.7	93.7	92.0	1.3	1.7	9.0	2.7	5.3	5.0	5.0	0.0
A00-2882	71.4	93.7	88.2	1.0	3.7	8.7	5.0	4.2	11.7	10.0	5.0
BAR 8PP 504	81.0	87.5	90.4	1.3	2.3	8.7	2.7	8.7	8.3	3.3	9.0
J-1853	72.7	85.2	89.7	2.3	5.3	9.0	3.0	6.2	6.7	9.0	0.7
PICK 4340	80.3	77.3	82.0	3.3	2.3	8.7	2.7	9.5	20.0	4.0	6.7
SRX 4338	78.0	88.3	84.3	1.0	11.7	7.7	2.0	8.7	9.0	6.7	7.7
WATERWORKS (A05-204)	78.8	82.2	88.6	3.0	5.0	9.0	2.7	7.7	5.0	6.3	3.0
A05-999	77.3	89.5	90.0	1.3	6.7	8.3	4.3	6.2	8.3	1.7	8.3
MERLOT (LTP-08-6)	74.9	86.2	87.7	2.3	10.0	8.7	2.3	4.2	5.0	5.0	3.7
PICK TD8	76.2	73.3	85.1	3.7	14.0	9.0	2.3	11.7	5.7	11.7	8.3
ARROWHEAD	78.7	79.5	82.3	3.0	17.3	8.7	3.0	8.7	10.0	5.0	9.0
JACKRABBIT (PST-K10-106D)	80.2	88.8	83.2	1.0	6.7	8.7	5.0	8.3	10.0	6.7	8.0
RAD-849	78.3	76.7	84.8	1.7	7.3	8.7	2.0	10.0	13.3	10.0	13.3
SUDDEN IMPACT	78.7	75.3	88.0	4.0	2.0	9.0	2.3	7.7	10.0	4.7	2.3
A01-1106	76.9	92.0	89.0	1.0	2.3	8.3	4.7	5.3	8.3	5.0	6.7
A05-TB-382	74.6	81.7	90.1	2.0	3.3	9.0	2.3	8.3	4.0	5.0	8.3
PICK TD9	74.6	70.8	83.3	4.0	8.3	8.7	2.7	12.0	10.0	8.3	10.0
PST-K4-3	75.4	81.2	81.6	3.3	13.3	9.0	5.0	10.3	13.3	8.3	0.7
RAD-507	78.1	75.0	87.0	4.3	4.0	9.0	3.0	11.5	6.3	5.0	6.7
RAD-1492	73.7	69.7	75.9	4.7	15.7	9.0	2.3	18.3	10.0	10.0	4.0
AKB 2555	70.0	64.0	70.0	5.3	20.7	8.3	2.7	18.3	11.7	20.0	10.0
BAR PP 119327	70.1	62.5	81.4	5.3	11.7	8.7	3.3	12.5	15.0	16.7	8.3
PST-K9-99	75.4	66.7	85.8	4.7	5.0	8.3	3.3	7.5	11.7	5.0	15.0
3733	66.7	83.0	82.0	2.0	13.3	9.0	3.3	6.7	6.7	8.3	6.7
BLACKJACK	72.6	65.5	76.1	4.3	20.0	8.7	3.0	16.7	15.0	13.3	12.3
MAZAMA (A04-74)	74.7	75.0	82.0	4.0	10.7	8.7	3.3	10.8	11.7	10.0	5.0
ZEDOR (PPH 9131)	67.0	56.3	75.7	3.3	14.0	7.7	2.7	15.8	26.7	8.3	30.7
BAR 12PP 612	64.3	70.3	81.1	5.3	10.0	9.0	5.0	11.7	16.7	20.0	5.7
PST-K9-97	62.9	64.2	70.6	5.3	20.0	9.0	3.0	15.0	10.0	16.7	5.0
LUNAR (PST-07-261)	71.1	58.3	65.0	4.3	38.3	7.7	3.7	16.7	11.7	15.0	25.0
A05-329	48.1	72.5	59.4	2.7	13.3	8.7	4.0	25.8	20.0	33.3	5.0
A06-47	59.6	67.7	72.8	3.7	16.7	8.7	5.7	15.8	18.3	15.0	9.0
LSD VALUE	82.1	20.4	8.9	4.6	14.9	0.8	1.6	9.0	11.7	11.8	9.2
C.V. (%)	29.0	18.7	11.1	91.4	137.5	4.3	29.0	110.7	95.2	112.6	106.6

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 29.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2013-2016 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY RATINGS			QUALITY RATINGS												MEAN
				SPRING	SUMMER	FALL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BAR PP 110358	6.7	6.6	7.5	7.3	7.8	7.3	6.6	5.8	5.8	6.3	6.4	6.3	5.7	5.8	5.4	5.8	6.4	7.0	6.0
BARVETTE HGT (BAR VV 0709)	6.1	5.8	8.3	7.0	7.9	8.1	6.1	6.0	6.1	5.9	5.2	4.8	5.0	5.8	6.5	7.0	7.0	6.0	6.0
J-1770	8.0	4.8	7.7	7.6	7.6	6.8	6.7	5.6	4.9	5.6	6.8	6.3	5.9	5.3	4.8	5.2	6.2	6.8	5.8
SRX 466	7.9	6.3	7.6	6.8	6.8	6.8	6.2	5.5	5.3	5.9	6.6	6.3	5.4	5.9	5.5	5.6	5.8	6.8	5.8
PICK 033	7.3	6.1	7.8	6.4	7.0	6.8	5.6	4.9	5.0	5.6	6.3	6.4	6.0	5.8	5.0	5.4	6.0	6.8	5.7
A05-TB-382	7.3	6.7	7.0	6.3	6.5	6.7	5.7	5.3	5.3	5.6	5.9	5.6	5.1	5.4	5.0	5.8	6.4	6.8	5.6
MAZAMA (A04-74)	8.3	4.9	7.3	7.1	7.3	7.0	6.1	5.3	5.0	5.3	6.0	5.9	6.2	5.5	4.7	5.3	6.2	7.0	5.6
MIDNIGHT	8.2	5.0	7.7	7.4	7.4	6.9	6.4	5.3	5.0	5.4	6.7	6.3	6.3	5.1	4.5	5.3	5.7	6.3	5.6
AWARD	7.8	4.3	7.6	7.2	7.2	7.1	6.3	5.8	5.1	5.0	5.8	5.8	5.7	5.5	4.8	5.2	5.8	6.7	5.5
SKYE	7.8	5.6	7.8	7.4	7.7	6.9	6.1	4.9	4.8	5.7	6.7	6.3	5.8	4.8	4.1	4.9	5.5	7.2	5.4
BLUE NOTE	7.7	6.2	7.9	7.4	7.3	7.0	6.0	5.3	5.3	5.7	6.3	5.8	5.9	5.0	3.9	4.3	5.0	6.2	5.3
J-1136	8.2	4.8	7.7	7.3	7.5	6.9	6.2	5.1	4.8	5.2	6.1	6.7	6.2	4.5	3.7	4.6	5.2	6.8	5.3
NU CHICAGO	8.0	4.3	7.5	7.4	7.5	6.8	6.2	5.2	4.7	4.9	6.0	6.1	5.6	5.1	4.3	4.8	5.7	6.8	5.3
CABERNET	7.0	5.9	7.7	6.9	7.6	6.3	5.4	5.1	5.0	5.8	6.5	6.1	5.3	4.8	4.2	4.3	4.7	6.2	5.2
A06-46	7.6	6.3	7.9	7.8	7.3	6.8	5.8	5.3	5.3	5.6	5.8	5.8	5.3	4.6	3.8	4.3	4.9	6.0	5.1
J-1853	8.2	5.2	7.5	7.6	7.3	6.8	6.1	4.8	4.9	5.0	5.7	5.9	5.5	4.4	3.8	4.4	5.2	6.5	5.1
KEENELAND (A04-342)	8.1	5.7	7.9	7.9	7.5	7.0	5.8	5.3	4.9	5.3	6.2	6.0	5.7	4.5	3.5	4.2	4.6	6.0	5.1
PICK 4340	8.1	5.6	7.9	7.7	7.2	6.9	5.7	4.7	4.8	5.4	6.5	6.3	5.5	4.4	3.7	4.3	4.4	6.0	5.1
SRX 2758	7.8	5.7	7.5	7.6	7.6	7.1	5.1	5.0	4.9	5.3	6.2	6.3	5.8	4.9	4.1	4.3	4.6	5.2	5.1
SRX 4338	8.0	5.7	8.0	7.4	6.8	7.0	5.4	4.9	4.8	5.1	6.1	5.7	5.2	4.8	4.0	4.7	5.2	5.3	5.1
A05-360	7.1	6.3	7.8	7.6	7.5	6.7	5.1	4.7	4.7	5.1	6.2	6.1	5.8	4.7	4.0	4.3	4.7	5.8	5.0
MERLOT (LTP-08-6)	8.1	5.7	7.3	7.2	7.3	6.7	5.6	5.0	4.8	5.2	5.5	5.8	5.7	4.8	3.8	4.3	4.8	5.8	5.0
PST-T10-18	6.7	5.4	7.8	7.7	7.4	7.1	4.9	4.8	4.9	5.3	6.3	6.1	5.6	4.5	4.0	4.2	4.7	5.2	5.0
BLUEBANK (A03-1017)	8.2	4.1	7.6	6.4	6.5	6.9	5.6	4.8	4.4	4.7	5.2	4.8	4.9	4.6	4.3	4.8	5.8	6.0	4.9
A00-2882	8.0	6.0	7.5	7.6	7.2	6.5	5.7	4.8	4.8	5.1	6.0	6.3	5.1	3.8	3.5	3.8	4.3	5.8	4.8
A01-1106	7.9	6.2	7.3	7.3	6.8	6.7	5.1	4.5	4.3	4.8	6.0	5.5	4.9	4.2	3.7	4.3	5.0	5.7	4.8
A98-363	6.9	6.3	7.4	7.3	6.8	6.0	5.2	4.8	4.6	4.9	5.5	5.4	5.1	4.2	3.9	4.5	5.0	6.2	4.8
BAR 8PP 504	6.8	4.9	6.8	7.2	6.8	6.6	5.1	4.7	4.6	5.3	5.6	5.0	4.7	4.1	4.0	4.6	4.9	5.5	4.8
BOLT (H99-1653)	6.8	6.0	7.5	7.6	7.3	6.7	4.9	4.7	4.7	5.3	6.2	6.0	5.4	4.3	3.6	3.8	4.2	5.5	4.8
AVID	7.8	4.8	6.9	6.9	7.0	6.5	5.2	4.8	4.5	4.4	5.2	5.7	5.3	4.3	3.7	4.2	4.6	5.5	4.7
BAR VV 118532	6.9	5.2	7.1	6.9	6.0	6.4	5.1	5.0	4.7	5.4	5.6	5.3	4.3	3.6	3.3	4.1	4.8	5.8	4.7
EMPIRE	7.7	6.2	6.9	6.6	6.6	6.5	5.9	4.7	4.3	4.3	5.1	5.4	5.1	4.5	3.7	4.2	4.6	6.5	4.7
PST-K9-99	7.2	4.8	6.4	7.4	7.3	6.3	5.0	4.7	4.5	4.8	5.7	5.9	5.3	4.1	3.3	3.9	4.3	5.3	4.7
A06-26	8.1	5.4	7.3	6.9	7.2	6.1	4.8	4.5	4.4	4.8	5.3	5.8	5.3	3.9	3.7	3.7	4.3	5.2	4.6
A06-47	7.2	5.8	7.8	7.2	7.4	6.7	4.8	4.5	4.4	4.5	5.1	5.5	5.3	4.2	3.5	3.9	4.4	5.0	4.6
SUDDEN IMPACT	7.9	5.0	7.3	7.7	7.3	6.8	4.8	4.5	4.4	4.4	5.5	5.8	5.3	4.3	3.5	3.8	4.1	4.7	4.6
ZEDOR (PPH 9131)	6.8	5.0	6.9	7.1	6.4	6.3	5.0	4.6	4.5	5.2	5.6	4.8	4.1	3.8	3.9	4.3	4.9	5.5	4.6
A05-361	7.5	5.7	7.1	6.9	7.1	6.6	4.7	4.3	4.4	4.5	5.1	5.2	4.9	4.4	3.6	4.1	4.5	5.2	4.5
BAR VV 112916	6.8	5.6	8.5	7.6	7.3	6.6	5.4	4.8	4.5	5.0	5.0	4.8	4.1	3.7	3.4	3.8	4.6	5.8	4.5
BURL 06-11	7.4	5.7	7.3	7.0	6.8	6.6	4.8	4.5	4.4	4.8	5.3	5.3	4.9	3.9	3.2	4.0	4.8	5.7	4.5
A00-4199	7.4	5.0	7.4	7.3	7.3	6.4	4.8	4.2	4.3	4.8	5.4	5.4	4.9	4.1	3.3	3.7	3.9	5.0	4.4
BURL 3-51	8.0	5.1	7.5	6.0	5.9	6.0	5.2	4.7	4.1	4.1	4.5	4.4	4.5	4.4	3.6	4.3	4.7	5.7	4.4
RAD-507	7.6	5.0	7.1	7.3	6.8	6.5	4.3	4.2	4.3	5.0	5.4	5.4	4.8	3.9	3.3	3.7	4.1	4.7	4.4
BAR 12PP 612	7.8	5.8	7.0	6.7	6.5	6.4	4.1	4.0	4.0	4.4	4.8	5.1	4.4	3.6	3.3	4.1	4.9	4.8	4.3
ENDURANCE (PST-K4-7)	8.1	5.3	7.5	6.9	7.2	6.5	5.0	4.3	4.3	4.1	4.8	5.0	5.1	3.6	3.3	3.5	4.0	5.0	4.3

TABLE 29.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2013-2016 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY RATINGS			QUALITY RATINGS												
				SPRING	SUMMER	FALL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JACKRABBIT (PST-K10-106D)	7.5	5.7	7.8	6.3	6.8	5.5	5.0	4.1	4.1	4.3	5.1	5.3	4.8	3.9	3.6	3.4	4.0	5.2	4.3
LUNAR (PST-07-261)	8.3	5.2	7.6	6.4	6.2	5.9	5.4	4.5	4.5	4.5	4.9	4.9	4.7	3.8	3.3	3.9	4.5	5.5	4.3
ARROWHEAD	7.8	5.2	7.4	7.4	7.1	6.2	4.7	3.8	3.8	4.3	5.3	5.6	5.3	3.8	3.0	3.3	3.7	4.5	4.2
BAR PP 119327	7.2	4.9	6.2	7.2	6.5	6.1	4.3	4.3	4.0	4.8	5.5	5.3	4.8	3.5	2.8	3.3	3.8	4.7	4.2
GEISHA (DPPP818)	7.5	4.4	6.3	6.3	6.3	6.0	4.4	3.8	3.8	4.1	4.7	5.0	4.8	3.9	3.3	3.7	4.0	4.7	4.2
LEGEND (A10-1)	8.1	5.1	7.2	6.2	6.3	6.3	4.4	4.3	4.1	4.0	4.6	5.1	4.8	3.7	3.3	3.8	4.3	5.0	4.2
PICK TD8	7.8	5.4	7.1	6.9	7.1	6.6	4.6	4.2	4.1	4.3	4.9	5.4	4.6	3.7	3.1	3.4	3.8	4.5	4.2
AMERICA	7.6	5.3	6.9	6.8	6.2	5.9	4.1	4.3	4.1	4.3	4.7	4.4	4.5	3.8	3.2	3.8	4.2	4.8	4.1
ARAMINTHA (PP 10847)	6.5	3.8	7.1	8.0	7.5	7.1	4.4	4.3	3.9	4.4	4.7	4.6	4.5	3.2	3.1	3.7	4.3	4.2	4.1
BARON	7.7	5.1	6.8	6.9	6.8	6.5	4.4	4.2	4.1	4.3	4.9	5.1	4.2	3.8	3.3	3.3	3.6	4.0	4.1
KENBLUE	6.3	4.9	8.6	7.0	6.7	7.0	4.0	3.5	3.9	4.7	4.4	4.3	4.1	3.6	3.8	4.1	4.2	4.5	4.1
OASIS (A98-344)	7.7	5.6	7.0	6.2	6.3	6.1	4.6	4.2	4.1	4.2	4.7	5.2	4.5	3.5	3.1	3.6	3.8	4.3	4.1
PICK MP07	6.6	5.4	7.7	6.8	7.0	5.8	4.8	4.2	4.3	4.6	4.9	5.0	4.1	3.5	3.6	3.5	3.5	4.3	4.1
SR 2150 (SRX 5321)	7.6	5.2	7.3	7.4	7.3	6.3	5.0	4.3	4.1	4.3	4.6	5.1	5.0	3.3	2.9	3.3	3.6	5.2	4.1
DAUNTLESS (A05-315)	7.0	4.9	7.2	7.0	6.9	6.3	4.4	3.7	3.9	4.1	4.8	5.7	4.7	3.1	2.9	3.2	3.5	4.7	4.0
PST-K9-97	8.5	5.3	7.5	7.8	7.7	6.6	4.0	3.9	3.8	3.8	4.5	4.9	5.0	3.5	2.8	3.2	3.5	4.0	4.0
SHAMROCK	7.8	5.4	7.1	7.1	6.7	6.3	4.4	4.0	3.8	4.5	5.0	5.0	4.0	3.4	3.3	3.3	3.5	4.2	4.0
BARDUKE	7.4	4.8	6.7	6.6	6.8	6.3	4.6	4.2	4.0	4.3	4.4	4.8	3.9	3.4	3.1	3.3	3.4	4.5	3.9
RUBIX (4S2W)	7.5	5.9	8.0	7.7	7.6	6.7	4.4	4.0	4.1	4.3	4.3	4.8	4.4	3.3	3.2	3.3	3.4	4.5	3.9
WATERWORKS (A05-204)	8.1	4.8	6.8	5.9	5.8	6.1	4.2	4.2	3.9	4.0	4.0	4.3	4.1	3.4	3.3	3.4	3.8	4.7	3.9
BLUE COAT (AKB 2282)	8.6	5.0	7.4	7.7	7.2	6.3	4.1	3.8	3.6	3.9	4.3	4.8	4.3	3.3	3.1	3.0	3.3	3.7	3.8
THERMAL BLUE	7.0	5.2	6.1	6.8	6.1	6.3	3.7	3.8	3.8	4.5	4.7	4.4	3.4	3.2	3.0	3.3	3.7	3.8	3.8
PST-K4-3	7.7	5.0	7.3	6.6	6.7	6.3	4.1	3.9	3.8	3.6	3.8	4.3	4.2	3.5	2.9	3.0	3.4	4.2	3.7
RAD-1492	8.0	5.6	7.4	6.9	6.4	6.0	3.9	3.7	3.8	4.2	4.6	4.8	4.3	3.0	2.7	3.0	3.3	4.0	3.7
RUSH	7.9	4.8	7.0	7.3	6.9	6.2	4.0	3.9	3.8	3.6	4.3	5.2	4.0	3.1	2.7	2.9	3.2	3.5	3.7
3733	7.6	4.6	6.6	6.1	6.0	5.8	3.9	3.7	3.7	3.9	4.1	4.4	4.2	3.1	2.8	2.9	3.2	3.8	3.6
A04-36	7.2	5.1	7.3	7.3	6.8	6.1	4.3	3.5	3.6	4.2	4.8	5.0	3.8	2.9	2.6	2.7	2.8	3.7	3.6
A04-38	7.6	5.1	7.1	7.3	6.9	6.1	4.1	3.7	3.6	3.9	4.7	4.9	3.9	2.9	2.5	2.8	2.9	3.5	3.6
A05-329	8.0	4.8	6.8	6.1	5.6	5.8	3.7	3.7	3.7	3.5	3.8	4.0	4.1	3.0	3.0	3.3	3.7	3.7	3.6
A05-999	7.5	5.2	7.7	7.1	6.3	5.8	4.0	3.7	3.8	3.9	4.4	4.8	3.6	3.2	3.0	2.9	2.9	3.8	3.6
BAR PP 119326	7.2	5.3	6.5	6.6	5.6	5.9	3.7	3.4	3.6	4.3	4.8	4.3	3.3	2.9	2.8	3.2	3.4	3.8	3.6
BLACKJACK	7.5	4.2	7.3	6.2	6.3	6.0	3.1	3.2	3.3	3.4	3.8	3.8	3.7	3.3	3.3	3.2	3.8	3.3	3.5
RAD-849	7.6	4.9	7.3	6.8	6.2	6.1	3.6	3.4	3.2	3.6	4.5	4.2	3.4	2.7	2.5	2.8	2.9	3.8	3.3
ZINGER (A05-306)	7.6	4.4	7.4	7.8	7.0	6.1	3.7	3.3	3.1	3.6	4.1	4.0	3.4	2.6	2.4	2.8	2.8	3.7	3.2
AKB 2555	7.8	3.8	7.2	6.3	6.3	5.8	3.2	3.1	3.2	3.3	3.5	3.8	3.2	2.6	2.5	2.9	2.8	3.3	3.1
PICK TD9	7.7	4.3	7.3	6.2	6.0	5.8	2.7	2.8	2.8	3.2	3.3	3.5	3.0	2.8	2.5	2.7	2.8	2.7	2.9
PST-K9-90	8.0	4.3	7.0	6.8	5.8	5.5	2.3	2.6	2.4	2.6	2.8	3.0	2.8	2.1	1.9	2.2	2.3	2.2	2.5
LSD VALUE	0.4	1.4	0.5	0.9	0.8	4.3	0.9	0.7	0.7	0.9	0.9	0.9	0.8	0.8	0.8	1.1	1.1	1.2	0.5
C.V. (%)	7.5	24.3	8.8	12.5	13.6	25.9	20.8	20.2	20.9	23.7	22.3	21.1	22.2	27.8	30.8	33.9	32.8	21.9	15.6

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 29.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2013-2016 DATA

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

NAME	PERCENT SPRING	GROUND COVER SUMMER	RATINGS FALL	WINTER COLOR	WINTER KILL	SEEDHEAD RATINGS	SUMMER PATCH JUNE	RATINGS JULY	SUMMER PATCH AUGUST	RATINGS SEPTEMBER
BAR PP 110358	96.0	96.6	97.3	6.1	10.0	8.4	8.3	6.8	7.5	6.6
BARVETTE HGT (BAR VV 0709)	93.8	96.2	99.0	5.6	21.7	9.0	8.7	6.8	7.6	8.0
J-1770	95.9	97.2	94.2	5.8	20.0	8.9	9.0	7.5	6.5	5.3
SRX 466	95.3	96.5	97.3	6.1	13.3	8.7	9.0	7.2	7.5	7.0
PICK 033	93.3	92.2	88.0	5.8	13.3	8.4	9.0	7.2	6.8	6.1
A05-TB-382	92.8	95.2	97.8	5.9	11.7	6.8	8.0	7.2	7.2	6.8
MAZAMA (A04-74)	90.3	95.1	94.0	6.1	20.0	8.9	9.0	8.0	6.5	5.4
MIDNIGHT	92.4	95.3	92.3	5.6	18.3	8.9	8.3	7.6	6.5	5.0
AWARD	91.1	94.5	96.5	5.8	21.7	8.9	8.0	6.7	6.8	5.0
SKYE	95.3	97.1	94.2	5.6	25.0	8.7	9.0	7.5	6.1	4.7
BLUE NOTE	93.2	95.6	88.3	5.7	16.7	8.1	8.7	7.8	5.8	4.0
J-1136	88.7	95.8	91.0	5.9	23.3	8.9	9.0	6.5	5.0	4.3
NU CHICAGO	89.1	94.3	91.8	5.5	26.7	8.9	8.3	6.3	6.3	5.2
CABERNET	96.3	95.4	89.5	5.7	20.0	8.0	7.7	6.7	5.9	5.2
A06-46	89.6	91.1	87.1	6.3	15.0	8.4	8.7	7.3	5.3	4.1
J-1853	91.0	93.7	90.3	5.8	20.0	8.6	9.0	6.7	5.1	3.8
KEENELAND (A04-342)	89.3	90.1	89.3	5.8	15.0	8.4	8.7	7.0	5.0	3.7
PICK 4340	92.4	87.5	85.8	5.8	18.3	8.7	9.0	7.3	4.9	3.8
SRX 2758	90.7	91.6	90.3	5.8	15.0	8.9	9.0	6.8	5.6	4.5
SRX 4338	84.9	87.5	87.5	5.6	15.0	8.7	9.0	6.7	5.2	4.3
A05-360	92.0	86.3	88.6	5.9	8.3	8.9	9.0	7.8	5.3	4.0
MERLOT (LTP-08-6)	89.4	89.8	88.3	5.7	23.3	7.8	9.0	7.5	5.1	4.3
PST-T10-18	86.8	91.4	91.8	5.3	28.3	8.3	9.0	6.7	5.2	4.2
BLUEBANK (A03-1017)	77.2	91.6	92.3	5.7	23.3	8.9	8.7	7.2	6.0	5.2
A00-2882	88.7	86.2	82.4	6.3	11.7	8.2	9.0	6.7	4.3	3.6
A01-1106	89.1	82.8	88.5	6.0	11.7	7.6	9.0	6.0	5.0	4.1
A98-363	93.6	92.2	83.4	5.8	15.0	7.7	9.0	7.2	5.3	4.6
BAR 8PP 504	92.6	85.3	91.7	4.8	36.7	7.2	8.7	5.7	5.1	5.2
BOLT (H99-1653)	91.2	90.0	87.8	5.6	23.3	8.1	8.3	6.5	4.6	3.6
AVID	83.2	91.8	87.5	5.5	16.7	8.7	9.0	7.0	4.8	4.2
BAR VV 118532	88.1	84.6	90.6	5.1	20.0	6.8	9.0	5.0	4.4	3.8
EMPIRE	84.7	92.0	83.7	5.9	11.7	9.0	9.0	7.8	5.7	4.6
PST-K9-99	90.8	89.3	86.2	4.9	31.7	6.7	9.0	6.7	4.3	3.5
A06-26	89.6	90.4	82.3	5.1	18.3	8.1	8.7	7.3	4.5	3.8
A06-47	87.7	90.7	86.3	5.4	15.0	8.1	9.0	6.8	4.8	3.6
SUDDEN IMPACT	85.6	87.7	86.6	6.0	16.7	8.4	8.3	6.2	4.7	3.1
ZEDOR (PPH 9131)	89.2	81.0	91.1	5.2	31.7	7.4	8.7	5.2	4.3	4.3
A05-361	82.8	88.1	89.2	5.8	21.7	7.7	9.0	7.0	5.0	3.9
BAR VV 112916	91.8	84.0	87.8	5.3	23.3	7.2	8.3	5.2	4.9	4.0
BURL 06-11	86.7	84.3	87.2	5.6	15.0	7.7	9.0	7.0	4.6	3.6
A00-4199	90.4	86.4	79.1	5.4	23.3	8.6	8.0	5.8	4.2	3.2
BURL 3-51	77.6	87.2	80.9	5.7	13.3	8.9	8.7	6.8	6.1	4.9
RAD-507	82.7	79.7	83.4	5.3	25.0	7.0	9.0	6.2	4.4	3.6
BAR 12PP 612	77.8	78.9	83.4	5.6	20.0	5.8	9.0	5.2	4.0	3.8
ENDURANCE (PST-K4-7)	72.1	88.1	80.3	5.7	20.0	7.6	8.7	6.8	4.3	3.3

TABLE 29.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/
2013-2016 DATA

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

NAME	PERCENT SPRING	GROUND COVER SUMMER	RATINGS FALL	WINTER COLOR	WINTER KILL	SEEDHEAD RATINGS	SUMMER PATCH JUNE	RATINGS JULY	SUMMER PATCH AUGUST	RATINGS SEPTEMBER
JACKRABBIT (PST-K10-106D)	79.9	89.5	80.3	5.3	16.7	7.1	8.7	6.2	4.8	4.0
LUNAR (PST-07-261)	81.1	87.0	83.0	5.9	18.3	6.7	8.3	7.2	4.6	3.9
ARROWHEAD	80.2	86.1	73.7	4.8	18.3	7.1	8.7	7.0	4.4	3.4
BAR PP 119327	89.8	90.1	81.6	4.5	35.0	6.2	9.0	5.7	3.5	2.8
GEISHA (DPPP818)	77.2	81.6	84.7	5.1	28.3	7.3	8.7	6.2	4.4	3.7
LEGEND (A10-1)	72.8	82.3	82.8	5.5	16.7	8.3	9.0	6.7	4.3	3.3
PICK TD8	85.7	80.8	83.7	5.5	13.3	7.4	9.0	5.2	3.8	3.3
AMERICA	75.6	78.4	81.8	5.1	21.7	7.4	8.7	5.8	4.5	3.5
ARAMINTHA (PP 10847)	80.8	79.1	83.7	4.6	33.3	8.1	8.7	5.2	3.8	3.3
BARON	81.4	82.9	83.4	5.3	30.0	7.1	8.7	5.5	4.2	3.3
KENBLUE	84.1	79.2	85.8	4.2	48.3	7.8	8.0	5.2	4.4	4.0
OASIS (A98-344)	83.3	81.8	77.4	5.3	15.0	7.7	9.0	6.2	4.4	3.4
PICK MP07	83.7	82.2	75.8	5.0	13.3	7.2	8.7	3.8	4.2	3.3
SR 2150 (SRX 5321)	87.1	85.3	76.7	5.6	11.7	8.1	9.0	7.0	4.3	2.9
DAUNTLESS (A05-315)	83.6	79.8	76.6	5.1	21.7	7.4	9.0	5.5	3.5	2.9
PST-K9-97	71.7	80.6	74.3	5.5	15.0	8.9	9.0	6.5	3.8	3.2
SHAMROCK	88.3	78.1	79.9	5.3	20.0	7.0	9.0	5.7	3.9	3.2
BARDUKE	82.2	80.8	83.3	5.1	23.3	6.8	8.3	4.8	4.0	3.1
RUBIX (4S2W)	77.1	77.2	77.5	5.7	8.3	8.3	8.0	5.7	3.7	3.2
WATERWORKS (A05-204)	68.9	81.3	83.7	5.3	16.7	5.2	9.0	6.7	3.9	3.3
BLUE COAT (AKB 2282)	73.3	79.4	75.8	5.3	16.7	6.8	8.7	5.7	3.8	3.0
THERMAL BLUE	82.7	74.6	75.8	4.3	30.0	6.4	6.3	4.6	3.7	3.6
PST-K4-3	69.4	81.3	77.4	4.8	13.3	8.4	9.0	6.2	4.1	3.2
RAD-1492	76.6	73.3	75.0	4.9	23.3	6.9	8.7	5.3	3.8	2.9
RUSH	71.1	75.5	70.3	5.2	21.7	8.3	8.7	4.5	3.4	2.5
3733	73.3	78.3	77.8	4.8	21.7	5.4	8.7	6.3	4.3	3.3
A04-36	86.1	72.8	66.7	5.0	16.7	7.0	8.0	4.7	2.9	2.4
A04-38	82.0	76.6	67.5	4.9	20.0	7.0	8.3	5.5	3.3	2.4
A05-329	63.3	73.6	75.0	4.8	11.7	7.4	9.0	5.3	3.9	3.3
A05-999	80.6	74.2	71.7	4.8	15.0	8.2	8.0	4.3	3.5	2.8
BAR PP 119326	84.9	74.1	75.3	4.5	31.7	6.4	7.7	3.8	3.1	2.8
BLACKJACK	57.7	68.4	76.6	4.3	25.0	7.1	8.0	4.5	4.3	3.5
RAD-849	76.1	70.8	64.6	4.4	15.0	8.1	8.7	4.7	3.0	2.3
ZINGER (A05-306)	78.8	67.4	64.2	4.5	20.0	6.2	8.3	4.5	2.8	2.2
AKB 2555	57.7	63.2	67.5	4.3	20.0	5.8	9.0	4.5	3.4	3.1
PICK TD9	52.2	66.4	66.7	4.2	11.7	6.9	8.0	3.8	3.1	2.2
PST-K9-90	37.2	61.2	52.5	4.1	8.3	7.9	8.3	5.3	2.8	2.0
LSD VALUE	11.8	19.3	11.9	1.1	9.3	0.7	1.2	2.0	1.6	1.3
C.V. (%)	15.9	23.6	17.6	22.3	29.4	11.1	6.7	25.8	40.8	42.3

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 30. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2012-2016 DATA

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

NAME	QUALITY RATINGS								
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BAR PP 110358	6.3	6.4	6.3	5.7	5.8	5.4	5.8	6.4	6.0
BARVETTE HGT (BAR VV 0709)	5.9	5.2	4.8	5.0	5.8	6.5	7.0	7.0	6.0
J-1770	5.6	6.8	6.3	5.9	5.3	4.8	5.2	6.2	5.8
SRX 466	5.9	6.6	6.3	5.4	5.9	5.5	5.6	5.8	5.8
PICK 033	5.6	6.3	6.4	6.0	5.8	5.0	5.4	6.0	5.7
A05-TB-382	5.6	5.9	5.6	5.1	5.4	5.0	5.8	6.4	5.6
MAZAMA (A04-74)	5.3	6.0	5.9	6.2	5.5	4.7	5.3	6.2	5.6
MIDNIGHT	5.4	6.7	6.3	6.3	5.1	4.5	5.3	5.7	5.6
AWARD	5.0	5.8	5.8	5.7	5.5	4.8	5.2	5.8	5.5
SKYE	5.7	6.7	6.3	5.8	4.8	4.1	4.9	5.5	5.4
BLUE NOTE	5.7	6.3	5.8	5.9	5.0	3.9	4.3	5.0	5.3
J-1136	5.2	6.1	6.7	6.2	4.5	3.7	4.6	5.2	5.3
NU CHICAGO	4.9	6.0	6.1	5.6	5.1	4.3	4.8	5.7	5.3
CABERNET	5.8	6.5	6.1	5.3	4.8	4.2	4.3	4.7	5.2
A06-46	5.6	5.8	5.8	5.3	4.6	3.8	4.3	4.9	5.1
J-1853	5.0	5.7	5.9	5.5	4.4	3.8	4.4	5.2	5.1
KEENELAND (A04-342)	5.3	6.2	6.0	5.7	4.5	3.5	4.2	4.6	5.1
PICK 4340	5.4	6.5	6.3	5.5	4.4	3.7	4.3	4.4	5.1
SRX 2758	5.3	6.2	6.3	5.8	4.9	4.1	4.3	4.6	5.1
SRX 4338	5.1	6.1	5.7	5.2	4.8	4.0	4.7	5.2	5.1
A05-360	5.1	6.2	6.1	5.8	4.7	4.0	4.3	4.7	5.0
MERLOT (LTP-08-6)	5.2	5.5	5.8	5.7	4.8	3.8	4.3	4.8	5.0
PST-T10-18	5.3	6.3	6.1	5.6	4.5	4.0	4.2	4.7	5.0
BLUEBANK (A03-1017)	4.7	5.2	4.8	4.9	4.6	4.3	4.8	5.8	4.9
A00-2882	5.1	6.0	6.3	5.1	3.8	3.5	3.8	4.3	4.8
A01-1106	4.8	6.0	5.5	4.9	4.2	3.7	4.3	5.0	4.8
A98-363	4.9	5.5	5.4	5.1	4.2	3.9	4.5	5.0	4.8
BAR 8PP 504	5.3	5.6	5.0	4.7	4.1	4.0	4.6	4.9	4.8
BOLT (H99-1653)	5.3	6.2	6.0	5.4	4.3	3.6	3.8	4.2	4.8
AVID	4.4	5.2	5.7	5.3	4.3	3.7	4.2	4.6	4.7
BAR VV 118532	5.4	5.6	5.3	4.3	3.6	3.3	4.1	4.8	4.7
EMPIRE	4.3	5.1	5.4	5.1	4.5	3.7	4.2	4.6	4.7
PST-K9-99	4.8	5.7	5.9	5.3	4.1	3.3	3.9	4.3	4.7
A06-26	4.8	5.3	5.8	5.3	3.9	3.7	3.7	4.3	4.6
A06-47	4.5	5.1	5.5	5.3	4.2	3.5	3.9	4.4	4.6
SUDDEN IMPACT	4.4	5.5	5.8	5.3	4.3	3.5	3.8	4.1	4.6
ZEDOR (PPH 9131)	5.2	5.6	4.8	4.1	3.8	3.9	4.3	4.9	4.6
A05-361	4.5	5.1	5.2	4.9	4.4	3.6	4.1	4.5	4.5
BAR VV 112916	5.0	5.0	4.8	4.1	3.7	3.4	3.8	4.6	4.5
BURL 06-11	4.8	5.3	5.3	4.9	3.9	3.2	4.0	4.8	4.5
A00-4199	4.8	5.4	5.4	4.9	4.1	3.3	3.7	3.9	4.4
BURL 3-51	4.1	4.5	4.4	4.5	4.4	3.6	4.3	4.7	4.4
RAD-507	5.0	5.4	5.4	4.8	3.9	3.3	3.7	4.1	4.4
BAR 12PP 612	4.4	4.8	5.1	4.4	3.6	3.3	4.1	4.9	4.3
ENDURANCE (PST-K4-7)	4.1	4.8	5.0	5.1	3.6	3.3	3.5	4.0	4.3

TABLE 30. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2012-2016 DATA

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

NAME	QUALITY RATINGS								
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JACKRABBIT (PST-K10-106D)	4.3	5.1	5.3	4.8	3.9	3.6	3.4	4.0	4.3
LUNAR (PST-07-261)	4.5	4.9	4.9	4.7	3.8	3.3	3.9	4.5	4.3
ARROWHEAD	4.3	5.3	5.6	5.3	3.8	3.0	3.3	3.7	4.2
BAR PP 119327	4.8	5.5	5.3	4.8	3.5	2.8	3.3	3.8	4.2
GEISHA (DPPP818)	4.1	4.7	5.0	4.8	3.9	3.3	3.7	4.0	4.2
LEGEND (A10-1)	4.0	4.6	5.1	4.8	3.7	3.3	3.8	4.3	4.2
PICK TD8	4.3	4.9	5.4	4.6	3.7	3.1	3.4	3.8	4.2
AMERICA	4.3	4.7	4.4	4.5	3.8	3.2	3.8	4.2	4.1
ARAMINTHA (PP 10847)	4.4	4.7	4.6	4.5	3.2	3.1	3.7	4.3	4.1
BARON	4.3	4.9	5.1	4.2	3.8	3.3	3.3	3.6	4.1
KENBLUE	4.7	4.4	4.3	4.1	3.6	3.8	4.1	4.2	4.1
OASIS (A98-344)	4.2	4.7	5.2	4.5	3.5	3.1	3.6	3.8	4.1
PICK MP07	4.6	4.9	5.0	4.1	3.5	3.6	3.5	3.5	4.1
SR 2150 (SRX 5321)	4.3	4.6	5.1	5.0	3.3	2.9	3.3	3.6	4.1
DAUNTLESS (A05-315)	4.1	4.8	5.7	4.7	3.1	2.9	3.2	3.5	4.0
PST-K9-97	3.8	4.5	4.9	5.0	3.5	2.8	3.2	3.5	4.0
SHAMROCK	4.5	5.0	5.0	4.0	3.4	3.3	3.3	3.5	4.0
BARDUKE	4.3	4.4	4.8	3.9	3.4	3.1	3.3	3.4	3.9
RUBIX (4S2W)	4.3	4.3	4.8	4.4	3.3	3.2	3.3	3.4	3.9
WATERWORKS (A05-204)	4.0	4.0	4.3	4.1	3.4	3.3	3.4	3.8	3.9
BLUE COAT (AKB 2282)	3.9	4.3	4.8	4.3	3.3	3.1	3.0	3.3	3.8
THERMAL BLUE	4.5	4.7	4.4	3.4	3.2	3.0	3.3	3.7	3.8
PST-K4-3	3.6	3.8	4.3	4.2	3.5	2.9	3.0	3.4	3.7
RAD-1492	4.2	4.6	4.8	4.3	3.0	2.7	3.0	3.3	3.7
RUSH	3.6	4.3	5.2	4.0	3.1	2.7	2.9	3.2	3.7
3733	3.9	4.1	4.4	4.2	3.1	2.8	2.9	3.2	3.6
A04-36	4.2	4.8	5.0	3.8	2.9	2.6	2.7	2.8	3.6
A04-38	3.9	4.7	4.9	3.9	2.9	2.5	2.8	2.9	3.6
A05-329	3.5	3.8	4.0	4.1	3.0	3.0	3.3	3.7	3.6
A05-999	3.9	4.4	4.8	3.6	3.2	3.0	2.9	2.9	3.6
BAR PP 119326	4.3	4.8	4.3	3.3	2.9	2.8	3.2	3.4	3.6
BLACKJACK	3.4	3.8	3.8	3.7	3.3	3.3	3.2	3.8	3.5
RAD-849	3.6	4.5	4.2	3.4	2.7	2.5	2.8	2.9	3.3
ZINGER (A05-306)	3.6	4.1	4.0	3.4	2.6	2.4	2.8	2.8	3.2
AKB 2555	3.3	3.5	3.8	3.2	2.6	2.5	2.9	2.8	3.1
PICK TD9	3.2	3.3	3.5	3.0	2.8	2.5	2.7	2.8	2.9
PST-K9-90	2.6	2.8	3.0	2.8	2.1	1.9	2.2	2.3	2.5
LSD VALUE	0.9	0.9	0.9	0.8	0.8	0.8	1.1	1.1	0.5
C.V. (%)	23.7	22.3	21.1	22.2	27.8	30.8	33.9	32.8	15.6

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 31.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IA1	IL1	IN1	KS1	MN1	NJ2	OK1	TN1	UT1	VA1	WA1	WI1	MEAN
SUDDEN IMPACT	7.8	7.2	8.3	8.4	7.1	7.7	7.0	8.1	7.5	8.3	8.6	8.0	7.9
MAZAMA (A04-74)	7.9	6.9	8.0	8.4	7.3	7.9	6.0	7.9	7.9	8.3	8.6	7.9	7.8
BURL 3-51	7.9	7.1	7.9	8.3	7.9	7.5	7.0	7.9	7.2	8.4	8.7	7.6	7.8
MIDNIGHT	7.8	7.2	7.7	8.4	7.0	8.0	7.0	8.2	7.3	8.1	8.8	7.4	7.8
J-1853	7.8	7.1	8.2	8.4	7.1	7.4	7.3	8.1	7.8	8.3	8.4	7.7	7.8
J-1136	7.8	6.9	8.8	8.3	7.2	8.1	7.3	8.1	7.4	7.7	8.4	7.5	7.8
NU CHICAGO	7.8	7.3	8.7	8.5	7.1	7.6	7.3	8.1	7.1	7.9	8.6	7.4	7.8
BLUEBANK (A03-1017)	7.9	7.3	8.2	8.0	6.8	7.9	7.7	8.3	7.8	7.8	8.4	7.3	7.8
AWARD	7.9	7.1	8.0	8.2	7.1	7.7	6.7	8.1	7.6	8.1	8.4	7.3	7.7
LEGEND (A10-1)	7.4	7.3	8.2	8.1	8.2	8.1	6.3	7.3	7.0	7.6	8.4	7.5	7.7
OASIS (A98-344)	7.8	7.1	7.8	8.3	7.4	7.6	6.7	7.0	6.8	8.8	8.7	7.5	7.7
J-1770	7.8	7.1	8.2	8.4	7.3	7.7	7.0	7.9	7.2	7.6	8.7	6.9	7.7
LUNAR (PST-07-261)	7.5	7.0	7.3	7.9	7.8	7.9	8.0	7.5	6.9	8.4	8.6	7.4	7.6
RAD-1492	6.9	7.2	7.3	8.6	7.7	7.3	8.0	7.5	8.2	7.3	8.7	7.0	7.6
BLUE COAT (AKB 2282)	7.5	7.1	7.6	8.1	8.1	7.8	6.0	6.9	7.5	6.7	8.7	7.5	7.5
RUSH	7.7	6.9	8.1	8.2	6.1	7.3	6.7	7.5	6.9	8.0	7.8	8.0	7.5
WATERWORKS (A05-204)	7.5	6.7	7.7	7.9	7.2	7.4	6.7	7.3	6.4	8.2	8.7	7.4	7.4
MERLOT (LTP-08-6)	7.3	7.0	7.9	7.9	6.7	7.3	6.7	7.3	7.0	7.6	8.1	7.3	7.4
A05-329	7.5	6.6	7.1	8.5	6.8	6.3	6.3	7.0	7.3	7.3	8.2	8.1	7.3
A00-2882	7.3	6.7	6.2	8.3	6.9	6.9	7.3	7.7	7.5	6.9	8.1	7.3	7.3
EMPIRE	7.4	6.7	7.9	8.0	6.8	7.2	6.7	7.2	6.4	6.9	8.0	7.6	7.3
A01-1106	7.6	6.7	7.2	7.9	6.2	6.3	7.3	7.8	6.3	7.3	7.8	7.8	7.2
KEENELAND (A04-342)	7.6	6.6	7.8	7.8	6.6	7.1	6.3	7.6	6.2	6.6	8.3	6.8	7.2
AVID	7.0	6.7	8.2	8.1	5.8	6.9	6.7	7.5	5.8	7.0	8.3	7.6	7.2
PICK 4340	7.3	6.3	8.1	8.1	6.1	7.1	7.0	7.3	6.4	5.6	8.1	6.8	7.1
ARROWHEAD	6.8	6.6	7.6	8.0	6.5	6.5	6.7	7.1	6.3	7.9	7.9	7.1	7.1
PST-K9-90	7.6	6.4	8.0	8.0	6.3	6.5	5.7	6.5	7.3	6.8	8.3	6.9	7.1
PST-K9-97	7.1	6.7	7.1	8.2	5.8	6.4	6.7	5.9	7.0	8.2	8.4	7.8	7.1
A06-46	7.3	6.1	7.3	7.8	5.8	7.1	6.3	7.3	7.2	6.9	7.6	6.8	7.0
SRX 466	7.3	6.5	7.0	8.0	6.5	6.1	6.0	7.5	5.8	8.2	8.1	6.5	7.0
ENDURANCE (PST-K4-7)	6.8	6.7	7.7	7.6	5.9	6.6	7.0	7.1	6.8	7.0	8.1	7.3	7.0
SRX 2758	7.4	6.7	6.9	8.0	6.3	6.1	6.0	7.5	5.5	7.4	8.0	7.3	7.0
A06-26	6.7	6.9	7.0	7.6	6.7	6.8	7.0	7.3	6.3	6.4	7.9	6.8	7.0
PST-K4-3	7.2	6.2	7.6	8.2	6.3	5.8	5.7	7.2	6.3	7.9	8.3	6.7	6.9
PICK TD8	7.1	6.9	6.8	7.5	6.7	6.7	6.3	6.9	5.8	7.6	7.9	6.7	6.9
PICK 033	7.0	6.3	6.7	7.3	5.8	6.7	5.0	7.5	6.4	6.9	7.8	7.2	6.9
3733	7.1	6.3	6.2	7.8	6.2	6.5	6.0	6.8	6.0	8.0	7.7	7.1	6.8
SRX 4338	6.7	6.0	7.0	8.3	5.8	6.7	6.3	7.5	6.2	5.9	8.1	6.3	6.8
JACKRABBIT (PST-K10-106D)	7.3	6.3	6.4	7.9	5.3	5.7	6.7	7.3	5.7	7.8	7.6	7.0	6.7
A05-361	6.9	6.7	7.4	7.4	6.0	6.1	6.3	6.8	5.6	7.4	7.3	6.4	6.7
SKYE	6.9	6.4	6.4	7.8	5.8	5.7	6.7	7.3	5.8	6.4	7.5	6.3	6.6
RAD-507	7.4	6.0	6.1	7.5	6.5	5.6	6.3	6.8	5.8	5.8	8.2	6.4	6.6
AKB 2555	7.1	6.3	6.9	7.7	5.6	5.6	6.3	6.1	5.9	6.8	7.4	7.3	6.6
A05-TB-382	7.1	6.4	5.6	7.5	6.1	5.7	5.3	6.9	6.0	6.1	7.9	6.5	6.6
BAR 12PP 612	6.7	6.2	7.1	7.0	4.5	5.8	6.7	7.0	6.2	6.2	7.4	7.6	6.5
BARON	7.1	5.9	6.7	7.4	4.7	5.9	5.7	6.8	5.8	5.9	7.6	7.1	6.4

TABLE 31.
(CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/												MEAN
	IA1	IL1	IN1	KS1	MN1	NJ2	OK1	TN1	UT1	VA1	WA1	WI1	
A05-360	6.5	5.9	6.8	7.1	4.9	5.5	5.0	7.1	5.6	6.9	7.5	6.8	6.4
GEISHA (DPPP818)	6.8	5.8	6.7	7.4	4.6	6.1	6.0	6.7	5.2	6.2	7.3	7.4	6.4
A98-363	6.2	6.4	5.9	7.3	5.6	5.5	5.7	6.6	5.7	7.1	7.4	6.3	6.4
CABERNET	7.3	5.7	6.2	7.3	5.5	5.3	5.7	7.0	5.3	6.2	7.4	6.3	6.4
BLACKJACK	7.1	5.9	5.8	7.1	5.9	6.1	6.0	5.6	5.8	4.8	8.1	7.1	6.3
A06-47	6.7	6.3	6.2	7.6	5.1	5.1	5.7	7.0	5.2	6.4	7.3	6.4	6.3
PICK TD9	6.9	6.2	5.9	7.0	5.3	6.1	5.7	5.7	5.9	7.6	7.1	6.1	6.3
A00-4199	7.1	6.2	6.3	6.5	5.2	5.8	6.0	7.3	5.3	5.1	7.1	7.0	6.3
BURL 06-11	6.4	5.9	6.4	7.8	5.5	5.4	5.3	6.6	4.7	6.2	7.5	6.6	6.3
SHAMROCK	6.6	6.3	5.9	7.3	5.9	5.5	5.3	6.9	4.6	6.8	7.2	6.1	6.3
A04-38	6.9	6.4	6.4	7.2	5.5	5.4	6.3	7.1	4.8	5.4	6.8	6.3	6.3
RUBIX (4S2W)	6.8	6.3	6.9	7.5	4.5	6.0	6.0	6.9	4.3	6.8	6.6	6.0	6.3
AMERICA	6.5	5.6	6.2	7.6	4.8	6.1	5.7	6.5	5.0	6.0	7.2	6.6	6.2
BLUE NOTE	6.6	6.1	6.6	7.2	5.2	5.9	6.7	7.0	4.7	5.8	6.8	6.0	6.2
A05-999	7.0	6.1	6.2	7.5	4.7	5.0	5.3	6.5	5.7	7.0	7.0	6.0	6.2
RAD-849	6.4	5.6	6.2	7.2	5.2	5.3	6.0	6.3	5.4	7.8	7.2	6.2	6.2
BARDUKE	6.6	5.9	6.2	6.7	4.7	5.5	5.7	6.5	5.3	5.9	7.3	6.3	6.1
BAR PP 119327	6.7	5.7	6.8	7.1	3.2	5.0	6.0	6.8	4.3	6.8	6.8	7.3	6.1
A04-36	6.5	6.2	6.1	7.5	4.8	5.3	5.7	6.7	4.1	5.1	6.9	5.6	6.0
DAUNTLESS (A05-315)	6.7	6.3	5.7	7.1	4.3	5.2	6.0	6.7	4.8	5.6	6.5	5.8	6.0
SR 2150 (SRX 5321)	6.4	6.1	6.7	6.5	5.5	5.0	6.7	6.3	4.9	4.4	6.6	6.0	5.9
PST-K9-99	6.2	5.4	6.0	7.3	3.9	4.9	5.7	6.9	5.2	5.9	6.3	6.4	5.9
BAR VV 112916	7.0	5.7	5.0	6.8	4.9	5.1	5.3	6.3	3.8	6.9	6.9	5.3	5.8
BOLT (H99-1653)	6.1	5.0	5.8	6.9	5.0	5.0	6.7	7.2	3.8	5.9	7.1	5.6	5.8
BAR VV 118532	6.7	5.9	5.6	6.3	5.2	4.5	4.7	6.5	4.2	5.7	6.2	5.3	5.7
PST-T10-18	6.4	5.7	5.3	6.7	4.4	4.7	5.7	6.9	3.7	5.9	6.3	5.2	5.7
BAR PP 110358	6.3	5.5	5.7	6.8	4.8	4.4	4.3	6.7	3.5	5.8	6.3	5.8	5.6
THERMAL BLUE	6.7	5.7	5.7	6.7	4.3	4.0	5.7	6.5	3.8	5.9	6.7	5.6	5.6
ZINGER (A05-306)	5.9	5.9	5.8	7.1	4.1	4.7	5.7	6.4	4.1	5.6	6.2	5.8	5.6
BAR PP 119326	6.1	5.5	5.4	6.9	4.3	4.3	6.3	6.6	3.9	5.6	6.9	5.4	5.6
BAR 8PP 504	6.7	5.3	5.4	6.8	3.4	4.1	5.0	6.6	4.8	5.2	6.2	6.3	5.6
ZEDOR (PPH 9131)	6.6	5.7	5.7	6.6	3.3	4.2	5.3	6.1	4.2	5.3	6.9	6.6	5.6
PICK MP07	6.5	5.5	6.0	6.8	3.7	3.8	5.3	6.2	4.3	5.3	6.4	5.1	5.4
ARAMINTHA (PP 10847)	6.3	5.0	5.2	7.2	2.8	4.1	5.3	6.5	3.4	4.8	5.8	5.7	5.3
BARVETTE HGT (BAR VV 0709)	6.3	4.9	5.6	6.3	3.1	3.4	5.0	6.2	3.8	6.2	6.2	5.1	5.2
KENBLUE	6.7	5.1	5.4	5.8	4.3	4.0	4.7	5.9	3.4	5.4	5.6	4.8	5.2
LSD VALUE	1.3	1.1	1.2	1.1	1.4	1.5	0.9	1.1	1.5	1.4	0.9	1.4	0.4
C.V. (%)	11.8	11.2	10.7	9.0	15.3	15.4	9.5	10.0	16.1	13.1	7.4	13.0	12.0

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

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

TABLE 32.

 SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 2012-16 DATA

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

NAME	IA1	IL1	IN1	KS1	MI1	MN1	NJ1	NJ2	OK1	TN1	UT1	WA1	WI1	MEAN
BAR VV 112916	8.0	7.5	6.7	5.7	5.3	7.3	8.5	8.4	5.3	6.0	5.2	6.6	4.0	6.7
A05-360	5.7	6.0	7.4	6.4	5.5	6.7	6.8	6.9	4.7	7.7	5.8	6.2	5.2	6.3
BARVETTE HGT (BAR VV 0709)	6.8	6.1	6.0	5.3	5.0	6.2	8.4	8.3	4.0	6.3	5.3	6.3	4.3	6.3
A05-361	5.2	5.7	7.0	6.6	5.0	6.5	6.9	6.1	5.7	4.3	6.2	6.1	5.2	6.1
RUBIX (4S2W)	4.5	6.3	7.0	7.0	4.7	5.7	6.6	6.6	5.7	5.7	5.0	7.0	4.0	6.1
KENBLUE	6.3	6.1	5.9	5.3	5.0	6.5	8.0	7.9	3.7	4.3	5.2	6.4	4.2	6.1
BOLT (H99-1653)	5.3	6.3	6.3	6.0	4.7	6.3	5.8	7.3	3.7	6.0	5.1	6.1	4.2	5.8
PST-T10-18	5.7	6.1	6.0	5.7	4.3	7.2	6.3	6.4	3.3	4.7	5.2	6.4	4.3	5.8
A00-2882	5.8	6.3	7.1	7.1	5.3	5.7	5.9	5.0	4.3	4.7	5.0	5.9	4.7	5.8
ARROWHEAD	5.0	6.1	6.4	6.4	5.3	6.0	4.8	6.0	5.3	4.7	5.3	7.3	4.2	5.8
SRX 466	6.0	5.8	6.7	5.9	4.3	6.5	6.8	6.0	3.3	6.0	5.2	5.0	4.5	5.7
SHAMROCK	5.3	6.1	7.0	7.0	4.0	6.3	5.9	5.5	4.7	5.7	4.9	5.6	4.3	5.7
BAR PP 110358	5.7	6.2	4.9	5.7	4.5	5.2	7.8	6.8	3.3	4.7	4.8	5.8	4.0	5.7
PICK TD8	4.7	5.8	5.7	7.1	4.3	5.2	5.5	5.8	4.7	6.3	5.8	6.5	4.5	5.7
CABERNET	6.0	6.0	6.2	6.1	5.0	6.7	5.2	5.8	4.0	5.3	5.4	6.2	4.3	5.7
A05-TB-382	5.2	5.7	5.3	6.6	5.3	5.3	6.7	5.6	4.3	6.0	5.1	6.3	4.3	5.7
JACKRABBIT (PST-K10-106D)	5.5	5.8	7.0	6.6	4.7	5.7	5.4	6.5	3.0	6.3	5.3	5.1	4.5	5.7
A01-1106	5.7	6.7	6.9	6.4	4.3	5.0	6.2	4.7	4.3	5.7	5.3	5.7	4.8	5.7
DAUNTLESS (A05-315)	6.0	5.6	6.2	6.4	4.3	5.3	5.7	6.0	4.3	5.3	5.1	6.8	4.2	5.6
BURL 06-11	5.0	5.7	6.0	6.8	5.0	6.0	5.1	6.2	4.7	6.7	5.0	5.8	4.7	5.6
RAD-849	5.7	5.9	5.9	6.1	4.5	5.8	4.8	6.4	5.3	4.3	4.7	6.6	4.3	5.6
A98-363	5.7	5.3	5.6	7.6	5.0	4.8	5.2	6.0	4.7	6.3	4.9	5.9	4.5	5.6
BAR VV 118532	5.7	5.6	5.9	6.1	5.3	5.5	4.6	5.6	4.7	8.0	5.1	6.5	4.2	5.6
SRX 2758	5.3	5.7	5.6	5.9	5.0	5.8	5.3	5.1	4.3	6.0	5.6	5.9	5.2	5.5
A05-999	5.3	5.8	6.1	6.4	4.0	6.2	6.0	5.9	6.0	2.0	4.6	6.1	3.2	5.5
PICK 033	4.8	5.8	5.7	5.2	5.0	4.8	6.3	6.0	4.3	6.3	4.8	5.5	4.7	5.5
PST-K9-97	5.2	6.0	7.2	6.3	5.0	4.2	5.8	5.2	4.0	3.7	4.9	5.5	4.3	5.4
SKYE	5.0	5.2	5.8	7.4	5.0	5.0	6.1	5.3	3.7	4.3	4.9	5.8	4.5	5.4
A05-329	5.0	5.7	7.0	6.8	4.5	5.0	4.3	4.2	4.0	5.0	5.8	5.5	5.5	5.4
A04-36	4.8	5.7	6.2	6.6	4.5	5.5	5.3	5.6	5.0	5.0	5.1	5.2	4.3	5.4
OASIS (A98-344)	5.3	5.0	5.9	6.6	4.7	5.7	4.0	5.9	4.3	6.0	5.6	5.2	4.5	5.3
PICK MP07	5.0	5.4	5.6	6.3	4.3	5.8	6.1	5.7	5.3	5.0	4.2	5.6	3.7	5.3
A06-47	4.7	5.7	6.6	6.7	4.3	4.3	4.9	6.3	4.3	5.7	4.4	5.6	3.0	5.3
BLUE NOTE	5.3	5.2	5.1	6.3	4.3	4.8	6.0	5.4	3.3	6.0	4.5	6.3	3.7	5.3
EMPIRE	5.7	5.5	6.4	6.9	4.7	6.2	3.4	5.0	4.7	6.7	4.6	5.4	5.0	5.3
PST-K4-3	5.0	5.7	6.3	6.6	4.3	5.2	4.8	6.2	3.7	5.0	4.0	5.3	4.0	5.2
THERMAL BLUE	5.7	5.4	5.3	6.1	4.7	6.5	4.7	5.0	5.7	3.7	4.6	6.3	3.3	5.2
BAR 12PP 612	4.5	5.8	6.7	6.3	4.7	4.3	3.3	5.9	6.0	3.7	4.6	6.3	3.8	5.2
A04-38	4.2	5.3	5.9	6.7	5.0	4.2	5.3	5.1	4.7	4.0	4.9	6.0	4.2	5.2
BLACKJACK	5.2	5.9	5.4	6.0	4.3	4.2	5.3	5.1	5.0	2.7	4.9	5.8	4.2	5.2
A06-46	5.8	5.3	5.3	6.9	4.7	5.2	4.5	4.8	4.7	5.7	4.9	5.1	4.3	5.1
PICK TD9	6.5	5.9	4.8	5.7	4.3	4.0	4.6	5.2	5.0	5.3	5.0	5.6	4.0	5.1
MERLOT (LTP-08-6)	5.2	5.3	5.1	6.6	4.5	5.5	3.1	5.7	4.0	6.3	5.3	5.2	4.2	5.1
LEGEND (A10-1)	5.2	4.9	6.3	7.6	5.3	5.0	3.8	4.6	5.0	5.7	4.6	4.7	4.8	5.1
RAD-507	5.3	5.4	6.3	6.0	4.7	4.7	3.5	5.8	4.0	5.0	4.7	5.1	4.0	5.0
ENDURANCE (PST-K4-7)	5.3	5.1	4.8	7.3	5.0	5.0	4.7	5.0	4.3	4.0	5.1	4.6	3.7	5.0

TABLE 32.
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IA1	IL1	IN1	KS1	MI1	MN1	NJ1	NJ2	OK1	TN1	UT1	WA1	WI1	MEAN
BAR PP 119326	5.2	5.5	5.3	6.0	4.7	5.2	3.9	5.1	5.3	5.3	4.6	5.3	4.0	5.0
BAR 8PP 504	4.5	5.3	5.1	6.6	4.5	4.5	3.8	5.1	3.7	4.7	4.8	6.8	3.3	5.0
LUNAR (PST-07-261)	5.3	5.7	4.3	6.3	5.0	4.7	4.9	5.3	4.0	5.7	4.4	4.9	4.7	5.0
RAD-1492	5.3	5.7	5.8	6.8	5.3	4.3	3.8	4.8	5.3	5.3	4.1	4.9	4.2	5.0
ZINGER (A05-306)	4.7	4.5	5.2	6.1	4.0	5.0	4.4	5.3	5.3	3.7	4.5	6.3	4.0	4.9
WATERWORKS (A05-204)	5.3	4.8	6.0	6.7	4.3	5.2	2.6	4.8	5.0	5.7	5.0	5.2	4.3	4.9
AMERICA	5.3	5.0	5.9	6.7	4.7	5.3	3.1	4.4	4.0	6.3	4.9	4.7	4.3	4.9
3733	4.8	5.5	6.1	6.2	4.0	5.5	4.2	4.4	4.3	4.7	4.3	4.1	4.2	4.8
BURL 3-51	5.0	5.5	6.1	6.6	5.7	4.5	2.9	4.0	4.0	5.7	4.8	4.8	4.7	4.8
PST-K9-99	4.7	4.9	4.9	7.1	5.0	4.5	3.5	4.0	3.3	5.0	5.3	5.6	3.8	4.8
A06-26	5.2	4.9	5.1	7.0	4.3	4.5	3.3	4.8	5.0	4.7	4.9	4.3	4.3	4.8
SRX 4338	5.0	4.3	4.7	6.8	4.0	4.0	4.5	4.3	3.0	5.3	4.3	5.9	4.3	4.7
PICK 4340	4.5	4.5	4.8	6.9	4.3	4.3	3.4	4.2	3.0	6.0	4.8	6.1	3.7	4.7
BARDUKE	4.8	5.3	5.3	5.6	5.0	4.0	3.4	4.4	4.3	6.3	5.3	5.0	3.8	4.7
ZEDOR (PPH 9131)	5.5	5.1	5.1	5.4	4.3	4.0	3.6	5.4	4.7	4.7	4.7	4.8	3.8	4.7
KEENELAND (A04-342)	4.7	4.7	4.6	6.8	4.0	4.8	3.4	4.3	2.3	6.3	4.4	5.3	4.3	4.7
AVID	4.2	5.6	6.6	6.6	4.7	4.7	2.3	3.5	3.3	5.7	4.6	4.7	4.8	4.7
MAZAMA (A04-74)	5.2	5.0	6.2	6.4	4.7	3.7	2.3	4.8	3.7	5.7	4.4	4.6	4.7	4.7
BAR PP 119327	4.5	4.7	4.4	6.3	5.0	4.7	3.1	3.8	4.0	4.0	4.8	6.0	4.3	4.6
SR 2150 (SRX 5321)	4.8	4.6	4.4	6.9	4.3	3.7	4.4	4.0	4.0	4.3	4.9	4.3	4.7	4.6
ARAMINTHA (PP 10847)	4.5	4.4	4.1	5.8	5.0	3.8	3.8	4.1	2.3	5.0	3.8	5.8	4.7	4.4
BARON	5.2	4.3	4.9	5.8	4.7	4.3	2.3	4.0	4.3	5.7	4.9	5.3	3.5	4.4
RUSH	4.7	4.6	5.7	6.1	4.0	5.3	2.1	3.3	4.7	5.0	4.8	4.8	3.8	4.4
AKB 2555	5.3	5.0	5.9	6.1	4.7	3.5	3.3	4.1	5.0	5.0	3.8	3.5	3.2	4.4
GEISHA (DPPP818)	5.0	4.9	4.8	6.0	5.0	4.5	1.7	3.5	4.3	4.7	4.4	4.9	3.3	4.3
PST-K9-90	4.5	4.8	4.9	5.7	4.0	3.8	3.7	3.9	4.3	3.3	4.0	3.8	3.7	4.2
BLUE COAT (AKB 2282)	3.8	4.5	3.7	6.8	4.7	3.7	2.8	2.8	5.3	6.0	4.3	4.9	3.5	4.2
A00-4199	4.5	3.9	4.7	5.7	4.7	4.0	2.3	4.1	4.3	3.3	4.3	5.0	3.8	4.2
AWARD	4.5	4.8	5.2	6.3	4.7	4.0	3.0	2.3	4.0	5.7	3.2	3.6	3.8	4.0
J-1853	4.5	4.2	5.1	6.9	4.5	3.3	2.3	2.9	3.7	5.0	3.8	3.3	3.8	3.9
NU CHICAGO	4.5	4.2	5.3	6.2	4.3	4.2	2.1	2.5	3.7	5.3	3.4	3.3	3.8	3.8
SUDDEN IMPACT	4.2	4.4	4.9	6.2	4.5	3.8	2.0	2.3	3.3	4.7	3.6	3.3	4.2	3.8
MIDNIGHT	4.8	4.7	4.9	6.1	4.5	3.3	1.3	2.5	3.3	6.0	3.3	3.6	4.0	3.7
J-1770	4.2	4.2	4.7	5.9	4.5	4.0	2.1	2.5	3.0	5.7	3.4	3.2	4.2	3.7
BLUEBANK (A03-1017)	4.5	3.8	4.4	6.4	4.5	3.7	2.3	2.3	2.7	5.7	3.3	3.0	4.0	3.6
J-1136	4.7	4.1	4.2	6.1	4.7	3.3	1.5	2.5	3.0	5.0	3.5	2.7	4.0	3.5
LSD VALUE	1.7	1.4	1.4	1.6	1.0	1.5	2.0	1.5	1.2	1.6	1.3	1.5	1.2	0.5
C.V. (%)	20.1	17.1	16.0	15.8	11.8	19.2	27.9	18.3	17.5	19.3	18.2	17.3	17.9	18.5

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 33. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IN1	OK1	UT1	VA1	WI1	MEAN
KENBLUE	8.0	6.0	7.7	8.3	5.2	7.1
BAR VV 112916	8.0	6.0	8.0	7.7	4.8	7.1
BARVETTE HGT (BAR VV 0709)	7.1	7.2	8.0	7.3	4.9	6.6
A06-47	6.3	6.3	7.3	7.0	6.0	6.4
BLUE NOTE	6.8	6.3	8.0	6.3	4.6	6.3
PST-T10-18	6.7	6.0	7.0	7.7	4.4	6.2
RAD-1492	6.4	6.2	8.0	7.0	4.7	6.2
A00-2882	6.3	5.7	7.0	7.7	5.4	6.2
RUBIX (4S2W)	6.4	6.0	7.3	7.0	5.3	6.2
A05-360	6.6	5.8	7.3	6.3	4.8	6.2
BOLT (H99-1653)	6.3	6.0	7.7	6.7	4.3	6.1
PICK 4340	6.2	6.7	7.3	6.7	4.9	6.1
PST-K4-3	6.3	6.1	6.3	5.7	5.7	6.1
PICK TD9	6.4	5.9	6.7	6.7	4.7	6.1
BAR PP 110358	6.5	6.3	7.0	6.3	4.4	6.0
CABERNET	6.3	5.8	6.0	5.7	5.2	6.0
SRX 4338	6.3	6.8	8.0	6.7	4.1	6.0
A06-46	6.3	6.3	7.0	7.0	4.1	6.0
A05-999	6.1	5.5	7.7	7.0	5.0	5.9
PICK 033	6.3	6.0	6.7	5.7	4.8	5.9
SRX 466	6.3	6.0	6.7	5.3	4.8	5.9
PICK MP07	6.3	5.2	7.0	7.0	4.2	5.9
KEENELAND (A04-342)	6.0	6.5	7.3	7.0	4.4	5.9
LUNAR (PST-07-261)	6.3	6.2	7.0	6.0	4.1	5.9
SR 2150 (SRX 5321)	5.8	6.2	7.0	7.7	4.7	5.8
A01-1106	6.0	5.3	7.3	7.0	5.0	5.8
SKYE	6.1	6.2	6.7	5.7	4.3	5.8
DAUNTLESS (A05-315)	6.0	6.3	6.7	7.0	4.2	5.8
A06-26	5.8	6.2	6.7	5.7	5.0	5.8
A05-361	6.3	5.3	6.0	6.3	4.1	5.8
BLACKJACK	6.0	5.8	7.0	7.0	4.0	5.7
BURL 06-11	6.2	6.4	6.3	5.7	4.0	5.7
ENDURANCE (PST-K4-7)	6.2	5.8	6.7	6.0	4.1	5.7
J-1136	6.1	5.8	6.7	6.0	4.4	5.7
NU CHICAGO	6.1	6.0	6.3	6.0	4.9	5.7
SRX 2758	6.0	5.5	6.7	6.7	4.3	5.7
ARROWHEAD	5.9	5.8	6.3	6.3	4.6	5.7
JACKRABBIT (PST-K10-106D)	6.2	5.7	6.3	5.3	3.9	5.7
RAD-849	5.8	6.2	6.7	6.3	4.0	5.7
MERLOT (LTP-08-6)	5.8	6.2	6.3	6.7	4.6	5.7
MIDNIGHT	6.0	6.2	6.7	4.7	4.8	5.7
SHAMROCK	5.9	5.2	6.0	5.3	5.3	5.7
A04-36	5.9	5.8	6.7	6.7	4.3	5.7
RAD-507	5.8	5.8	6.7	5.7	4.3	5.7
A04-38	5.9	5.8	7.0	5.3	4.6	5.6
PST-K9-90	5.7	6.3	6.7	5.7	4.6	5.6

TABLE 33. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

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

NAME	IN1	OK1	UT1	VA1	WI1	MEAN
SUDDEN IMPACT	6.2	5.8	6.3	5.7	4.1	5.6
ARAMINTHA (PP 10847)	5.9	5.7	7.0	5.7	4.2	5.6
ZINGER (A05-306)	6.0	5.3	6.7	7.0	4.0	5.6
A00-4199	6.0	5.3	6.7	6.3	4.1	5.6
PST-K9-97	5.8	5.8	6.7	5.7	4.7	5.6
BLUE COAT (AKB 2282)	5.7	5.7	6.7	6.0	4.1	5.6
BLUEBANK (A03-1017)	6.1	5.8	6.7	4.7	4.3	5.6
AWARD	6.0	5.8	6.0	4.7	4.4	5.5
BAR 8PP 504	5.9	5.7	6.0	7.0	3.4	5.5
J-1853	6.0	5.8	6.7	4.7	4.4	5.5
PICK TD8	6.0	5.8	6.7	4.7	3.9	5.5
J-1770	5.7	6.0	6.0	5.7	4.4	5.5
A98-363	5.9	5.8	6.3	5.3	4.0	5.5
RUSH	5.6	5.3	6.0	6.3	4.8	5.4
MAZAMA (A04-74)	5.7	6.2	5.7	5.0	4.3	5.4
THERMAL BLUE	5.5	5.2	6.3	6.3	4.1	5.3
AMERICA	5.4	5.8	6.3	6.7	3.6	5.3
BAR VV 118532	5.3	6.0	7.0	5.3	4.1	5.3
BAR 12PP 612	5.3	5.3	6.3	5.0	4.9	5.3
BAR PP 119326	5.3	5.5	6.3	6.7	4.1	5.2
BARON	5.4	5.8	6.7	5.7	3.8	5.2
LEGEND (A10-1)	5.5	5.6	5.3	5.7	4.0	5.2
ZEDOR (PPH 9131)	5.4	5.5	6.0	6.3	3.7	5.2
AKB 2555	5.3	5.5	6.0	5.7	4.1	5.2
BARDUKE	5.4	5.7	6.3	6.3	3.8	5.2
BURL 3-51	5.4	6.2	5.7	5.0	3.7	5.1
EMPIRE	5.3	5.5	5.7	3.7	5.0	5.1
GEISHA (DPPP818)	5.4	5.2	6.7	6.0	3.7	5.1
A05-329	4.4	5.7	5.0	4.3	5.6	5.0
OASIS (A98-344)	4.9	5.5	5.7	5.7	3.9	4.9
3733	5.2	5.2	4.7	4.7	3.9	4.8
A05-TB-382	4.8	5.8	6.3	5.0	3.6	4.8
WATERWORKS (A05-204)	4.9	5.5	5.0	5.0	3.4	4.8
PST-K9-99	4.9	5.2	5.0	4.3	4.2	4.8
BAR PP 119327	4.9	5.2	5.7	5.3	3.6	4.7
AVID	4.9	5.3	5.3	4.0	3.6	4.7
LSD VALUE	0.9	0.9	0.9	1.7	1.5	0.8
C.V. (%)	9.8	9.0	8.6	17.2	28.3	12.3

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

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

TABLE 34. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2011 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	MD1	NJ1	OK1	WA1	MEAN
BOLT (H99-1653)	7.0	9.0	9.0	7.7	8.2
BARVETTE HGT (BAR VV 0709)	5.7	9.0	8.0	7.3	7.5
A00-4199	6.3	6.7	8.0	7.7	7.2
A01-1106	7.0	6.3	8.0	7.0	7.1
BAR 8PP 504	4.7	6.7	8.3	7.3	6.8
A06-26	6.7	4.7	8.0	7.3	6.7
ZINGER (A05-306)	5.3	6.7	8.0	6.7	6.7
BAR PP 110358	5.0	7.3	7.3	7.0	6.7
A05-360	6.0	5.3	8.0	7.0	6.6
BLACKJACK	5.3	7.0	7.3	6.7	6.6
RAD-849	5.3	6.7	7.0	7.0	6.5
SRX 2758	6.3	4.3	7.7	7.7	6.5
SRX 466	6.3	4.3	7.7	7.3	6.4
JACKRABBIT (PST-K10-106D)	4.7	7.3	6.7	6.7	6.3
A04-38	5.3	6.3	7.0	6.3	6.3
BLUE NOTE	5.0	5.3	7.3	7.3	6.3
ARAMINTHA (PP 10847)	5.7	6.0	6.7	6.3	6.2
BAR VV 112916	4.0	6.7	6.7	7.3	6.2
J-1853	5.7	5.0	6.7	7.0	6.1
THERMAL BLUE	4.0	6.7	6.7	7.0	6.1
DAUNTLESS (A05-315)	4.3	6.3	7.0	6.7	6.1
LEGEND (A10-1)	5.3	4.7	7.0	7.3	6.1
PICK TD8	5.3	5.3	7.3	6.0	6.0
GEISHA (DPPP818)	6.3	4.3	6.0	7.3	6.0
AMERICA	5.0	4.3	7.3	7.0	5.9
J-1136	6.0	3.7	6.7	7.3	5.9
PICK 4340	6.0	4.3	6.3	7.0	5.9
A04-36	5.7	5.7	6.3	5.7	5.8
A05-361	4.0	4.7	7.3	7.3	5.8
A06-46	5.0	6.0	5.3	7.0	5.8
PST-T10-18	4.0	7.7	5.3	6.3	5.8
MIDNIGHT	6.0	3.3	7.0	6.7	5.8
BAR VV 118532	4.3	6.7	5.7	6.3	5.8
SHAMROCK	5.0	5.7	5.3	7.0	5.8
KENBLUE	3.7	7.3	5.0	6.7	5.7
BLUEBANK (A03-1017)	5.0	4.7	6.7	6.0	5.6
NU CHICAGO	5.0	5.0	5.7	6.7	5.6
OASIS (A98-344)	4.7	4.0	6.7	7.0	5.6
A98-363	4.7	4.0	6.3	7.3	5.6
ARROWHEAD	5.3	5.0	5.3	6.7	5.6
J-1770	5.0	4.3	6.3	6.7	5.6
RUSH	4.7	4.7	6.3	6.3	5.5
BAR PP 119326	3.7	6.0	5.3	6.7	5.4
MAZAMA (A04-74)	5.0	3.3	6.7	6.7	5.4
MERLOT (LTP-08-6)	6.0	3.3	5.7	6.7	5.4
KEENELAND (A04-342)	4.3	3.3	7.0	7.0	5.4

TABLE 34. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2011 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/					
NAME	MD1	NJ1	OK1	WA1	MEAN
SKYE	3.7	6.3	5.3	6.3	5.4
SRX 4338	5.0	4.7	5.0	6.7	5.3
BURL 06-11	5.3	2.7	6.0	7.3	5.3
LUNAR (PST-07-261)	4.3	5.0	5.7	6.3	5.3
PST-K4-3	5.0	5.0	6.3	5.0	5.3
SUDDEN IMPACT	5.0	4.3	5.7	6.3	5.3
BAR 12PP 612	4.3	4.3	6.3	6.0	5.3
BURL 3-51	4.7	3.0	6.3	6.7	5.2
PICK 033	3.7	4.3	5.7	7.0	5.2
A00-2882	4.3	5.0	5.0	6.3	5.2
A05-TB-382	3.3	5.7	5.3	6.3	5.2
BARON	4.3	3.7	6.0	6.3	5.1
BAR PP 119327	4.7	3.7	4.7	7.0	5.0
PICK TD9	3.3	6.3	4.3	6.0	5.0
WATERWORKS (A05-204)	5.0	4.0	5.7	5.3	5.0
BARDUKE	4.3	3.7	5.7	6.0	4.9
ZEDOR (PPH 9131)	3.3	4.3	5.0	6.3	4.8
EMPIRE	4.3	3.0	5.0	6.3	4.7
A06-47	4.0	3.3	5.0	6.0	4.6
ENDURANCE (PST-K4-7)	2.7	4.7	5.0	6.0	4.6
SR 2150 (SRX 5321)	4.0	4.0	4.3	6.0	4.6
BLUE COAT (AKB 2282)	3.7	3.3	5.7	5.3	4.5
PICK MP07	2.0	3.7	6.0	6.3	4.5
RAD-1492	3.7	4.3	4.3	5.7	4.5
PST-K9-99	2.3	3.7	4.7	6.7	4.3
A05-999	2.3	7.0	2.7	5.3	4.3
AVID	3.7	3.3	5.0	5.3	4.3
RAD-507	3.7	4.3	3.7	5.3	4.3
PST-K9-97	3.0	4.0	3.7	5.7	4.1
PST-K9-90	3.0	3.7	4.0	4.7	3.8
A05-329	1.7	3.3	4.7	4.7	3.6
AKB 2555	2.7	3.3	2.7	4.3	3.3
RUBIX (4S2W)	1.7	3.7	3.0	4.7	3.3
3733	2.0	1.7	3.0	5.3	3.0
CABERNET	1.0	4.0	1.7	4.7	2.8
AWARD	1.0	1.3	1.0	2.0	1.3
LSD VALUE	1.5	1.4	1.7	1.4	0.7
C.V. (%)	20.5	18.4	17.7	13.3	17.2

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

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

TABLE 35.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IN1	NAME	IN1
A05-360	7.8	ZINGER (A05-306)	6.3
A06-46	7.5	BURL 06-11	6.3
ARAMINTHA (PP 10847)	7.5	J-1853	6.3
BAR 8PP 504	7.5	PICK MP07	6.3
BLUE NOTE	7.5	SHAMROCK	6.3
PST-T10-18	7.5	KENBLUE	6.2
RUBIX (4S2W)	7.5	ARROWHEAD	6.2
RAD-1492	7.3	ENDURANCE (PST-K4-7)	6.2
SR 2150 (SRX 5321)	7.3	A01-1106	6.0
BOLT (H99-1653)	7.2	A05-999	6.0
A05-361	7.0	BLUE COAT (AKB 2282)	6.0
BAR PP 110358	7.0	LEGEND (A10-1)	6.0
BARVETTE HGT (BAR VV 0709)	7.0	MAZAMA (A04-74)	6.0
SRX 466	6.8	MERLOT (LTP-08-6)	6.0
SUDDEN IMPACT	6.8	PICK TD9	6.0
PST-K4-3	6.8	PST-K9-97	6.0
A06-26	6.7	BARON	5.8
PICK 4340	6.7	EMPIRE	5.8
PST-K9-90	6.7	KEENELAND (A04-342)	5.8
A00-4199	6.5	LUNAR (PST-07-261)	5.8
A04-38	6.5	SKYE	5.8
A06-47	6.5	ZEDOR (PPH 9131)	5.8
AWARD	6.5	BAR 12PP 612	5.7
BAR VV 112916	6.5	A05-TB-382	5.7
BLUEBANK (A03-1017)	6.5	AVID	5.7
J-1136	6.5	BAR VV 118532	5.7
J-1770	6.5	AMERICA	5.5
PICK 033	6.5	BLACKJACK	5.5
PICK TD8	6.5	BURL 3-51	5.5
RAD-849	6.5	GEISHA (DPPP818)	5.5
SRX 2758	6.5	OASIS (A98-344)	5.5
A00-2882	6.3	PST-K9-99	5.5
A04-36	6.3	THERMAL BLUE	5.5
A98-363	6.3	AKB 2555	5.3
BAR PP 119327	6.3	BAR PP 119326	5.3
CABERNET	6.3	WATERWORKS (A05-204)	5.2
DAUNTLESS (A05-315)	6.3	BARDUKE	5.0
JACKRABBIT (PST-K10-106D)	6.3	3733	4.8
MIDNIGHT	6.3	A05-329	4.5
NU CHICAGO	6.3		
RAD-507	6.3	LSD VALUE	1.3
RUSH	6.3	C.V. (%)	12.4
SRX 4338	6.3		

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

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

TABLE 36.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IN1	OK1	MEAN	NAME	IN1	OK1	MEAN
BAR PP 110358	7.7	5.7	7.4	JACKRABBIT (PST-K10-106D)	5.6	3.7	5.5
BARVETTE HGT (BAR VV 0709)	7.6	6.7	7.4	THERMAL BLUE	5.8	3.0	5.5
BLUE NOTE	7.4	3.7	6.9	A04-36	5.7	4.0	5.4
ARAMINTHA (PP 10847)	7.1	3.0	6.8	A00-2882	5.6	2.7	5.4
A06-46	7.0	4.0	6.6	PICK TD8	5.6	3.7	5.4
BLUE COAT (AKB 2282)	6.7	4.7	6.6	RAD-849	4.9	5.0	5.4
BOLT (H99-1653)	6.8	3.7	6.6	A98-363	5.7	3.0	5.4
BURL 06-11	6.2	7.0	6.4	J-1770	5.6	3.3	5.3
SRX 4338	6.0	4.5	6.4	A06-47	5.6	3.0	5.3
SR 2150 (SRX 5321)	6.6	4.7	6.3	BARDUKE	5.2	4.3	5.3
KENBLUE	6.8	4.0	6.3	LUNAR (PST-07-261)	5.3	4.0	5.2
ARROWHEAD	6.6	3.7	6.2	BARON	5.1	4.7	5.2
PST-T10-18	6.3	4.7	6.2	SHAMROCK	5.4	3.7	5.2
RAD-1492	6.2	4.0	6.1	SUDDEN IMPACT	5.6	3.0	5.2
PST-K9-90	6.3	4.0	6.1	BLUEBANK (A03-1017)	5.4	4.3	5.1
A06-26	6.3	4.0	6.1	J-1136	5.1	4.3	5.1
DAUNTLESS (A05-315)	6.1	4.3	6.1	AWARD	5.4	3.0	5.1
A05-360	6.2	3.7	6.0	BAR PP 119327	5.2	2.7	5.1
BAR VV 112916	6.3	3.7	6.0	J-1853	5.2	4.3	5.1
RUBIX (4S2W)	6.2	3.0	6.0	BAR PP 119326	5.2	2.7	5.0
CABERNET	6.2	3.7	5.9	RUSH	5.3	2.3	4.9
ZINGER (A05-306)	6.1	3.7	5.9	BURL 3-51	4.9	5.0	4.9
A05-999	6.0	3.3	5.8	A01-1106	4.7	3.3	4.7
KEENELAND (A04-342)	5.2	5.5	5.8	MIDNIGHT	4.8	4.3	4.7
PICK TD9	5.7	3.5	5.8	NU CHICAGO	4.8	4.0	4.6
SRX 2758	5.8	3.7	5.7	LEGEND (A10-1)	4.7	4.0	4.5
SRX 466	5.8	4.7	5.7	BLACKJACK	4.3	4.0	4.4
PST-K4-3	5.8	4.5	5.7	BAR VV 118532	4.7	2.3	4.3
A00-4199	6.2	2.7	5.7	ZEDOR (PPH 9131)	4.3	2.7	4.3
PICK MP07	5.9	3.0	5.7	3733	4.3	4.0	4.3
SKYE	6.1	3.3	5.7	BAR 12PP 612	4.2	3.3	4.2
A04-38	5.9	3.7	5.6	EMPIRE	4.2	4.0	4.2
MAZAMA (A04-74)	5.8	5.0	5.6	OASIS (A98-344)	4.3	3.3	4.2
PICK 033	5.8	3.3	5.6	WATERWORKS (A05-204)	4.2	4.0	4.2
RAD-507	5.8	4.0	5.6	AKB 2555	4.1	3.0	4.1
BAR 8PP 504	5.4	3.0	5.6	PST-K9-99	4.0	2.3	3.9
MERLOT (LTP-08-6)	5.6	4.0	5.6	AVID	4.0	2.3	3.8
PICK 4340	5.1	5.0	5.6	PST-K9-97	3.8	3.7	3.7
A05-361	5.7	4.0	5.6	A05-329	2.7	3.7	2.8
A05-TB-382	5.7	4.3	5.6				
AMERICA	5.7	4.0	5.6	LSD VALUE	1.7	1.8	1.5
ENDURANCE (PST-K4-7)	5.8	4.0	5.6	C.V. (%)	19.8	27.8	20.0
GEISHA (DPPP818)	5.6	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 37.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	OK1	NAME	OK1
BARVETTE HGT (BAR VV 0709)	7.7	RAD-507	5.3
PICK 4340	6.7	RAD-849	5.3
SKYE	6.7	SHAMROCK	5.3
A06-46	6.3	SRX 2758	5.3
BAR PP 110358	6.3	SUDDEN IMPACT	5.3
BURL 3-51	6.3	THERMAL BLUE	5.3
A05-TB-382	6.0	WATERWORKS (A05-204)	5.3
ARAMINTHA (PP 10847)	6.0	ZINGER (A05-306)	5.3
AWARD	6.0	A05-329	5.0
BAR VV 118532	6.0	A05-360	5.0
BLUEBANK (A03-1017)	6.0	A05-361	5.0
DAUNTLESS (A05-315)	6.0	A98-363	5.0
J-1770	6.0	BAR 12PP 612	5.0
MERLOT (LTP-08-6)	6.0	BAR PP 119326	5.0
NU CHICAGO	6.0	BLACKJACK	5.0
PST-K9-90	6.0	BLUE COAT (AKB 2282)	5.0
RUBIX (4S2W)	6.0	BURL 06-11	5.0
SR 2150 (SRX 5321)	6.0	CABERNET	5.0
SRX 466	6.0	LUNAR (PST-07-261)	5.0
ZEDOR (PPH 9131)	6.0	PICK 033	5.0
A01-1106	5.7	PICK MP07	5.0
AMERICA	5.7	RAD-1492	5.0
AVID	5.7	3733	4.7
BAR 8PP 504	5.7	BAR PP 119327	4.7
J-1136	5.7	BARDUKE	4.7
MIDNIGHT	5.7	BLUE NOTE	4.7
OASIS (A98-344)	5.7	GEISHA (DPPP818)	4.7
SRX 4338	5.7	PST-K9-99	4.7
A06-47	5.5	A06-26	4.5
PICK TD8	5.5	LEGEND (A10-1)	4.5
A04-36	5.3	PST-K4-3	4.5
A04-38	5.3	A00-2882	4.3
BAR VV 112916	5.3	A00-4199	4.3
BARON	5.3	ARROWHEAD	4.3
BOLT (H99-1653)	5.3	JACKRABBIT (PST-K10-106D)	4.3
EMPIRE	5.3	RUSH	4.3
ENDURANCE (PST-K4-7)	5.3	AKB 2555	4.0
J-1853	5.3	PICK TD9	4.0
KEENELAND (A04-342)	5.3	A05-999	3.7
KENBLUE	5.3		
MAZAMA (A04-74)	5.3	LSD VALUE	1.5
PST-K9-97	5.3	C.V. (%)	16.8
PST-T10-18	5.3		

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 38. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	OK1	TN1	VA1	WI1	MEAN
BARVETTE HGT (BAR VV 0709)	98.7	91.8	93.7	82.6	91.5
A05-360	97.1	94.0	91.1	76.6	89.3
KENBLUE	95.4	91.5	89.7	77.1	87.7
KEENELAND (A04-342)	93.2	93.8	87.9	77.7	87.4
BLUE NOTE	95.8	92.9	86.5	79.0	87.2
SRX 466	96.9	92.2	88.1	73.8	87.1
ARAMINTHA (PP 10847)	96.0	93.2	83.7	81.8	87.1
BAR PP 110358	97.8	91.3	86.1	80.3	87.0
SKYE	97.0	91.7	86.4	77.0	86.9
SRX 4338	96.6	93.0	86.9	76.1	86.8
J-1770	95.9	90.0	86.0	82.9	86.8
A06-46	95.3	93.9	86.5	73.6	86.3
BOLT (H99-1653)	95.8	93.3	83.2	80.8	86.3
BAR VV 118532	93.4	92.7	86.7	76.4	86.1
A04-38	92.7	91.5	85.2	80.0	85.9
PST-T10-18	94.7	91.5	83.8	78.4	85.5
BLUEBANK (A03-1017)	96.8	91.2	84.9	74.3	85.4
NU CHICAGO	91.1	91.5	85.6	77.8	85.2
BAR VV 112916	93.2	92.3	82.7	80.7	85.1
J-1136	94.1	93.3	82.9	77.4	85.0
A98-363	95.3	91.7	83.5	73.9	84.9
BAR PP 119326	88.9	91.7	85.4	78.8	84.9
MERLOT (LTP-08-6)	96.4	92.8	85.1	70.0	84.9
MIDNIGHT	95.1	91.0	82.4	78.7	84.7
J-1853	95.3	89.5	84.2	74.9	84.6
DAUNTLESS (A05-315)	94.7	91.7	80.5	79.3	84.4
THERMAL BLUE	93.1	92.3	82.5	75.3	84.2
A05-361	92.3	88.4	86.8	72.2	84.2
SRX 2758	95.4	91.7	81.8	74.4	84.0
PICK MPO7	95.2	90.6	81.2	74.3	83.7
CABERNET	89.3	89.5	85.1	72.2	83.7
ZINGER (A05-306)	91.6	89.9	80.9	78.8	83.6
PICK 033	88.9	92.6	82.8	71.0	83.5
BURL 06-11	90.9	92.5	81.2	75.6	83.4
GEISHA (DPPP818)	91.9	90.8	84.6	70.0	83.4
OASIS (A98-344)	94.5	91.1	84.1	65.6	83.0
SR 2150 (SRX 5321)	93.6	92.1	78.7	76.0	82.9
AMERICA	93.8	93.4	79.0	70.0	82.8
A04-36	92.0	92.4	77.3	77.1	82.7
BARDUKE	93.2	90.4	80.6	73.0	82.6
A05-TB-382	94.8	91.4	80.5	67.8	82.5
LEGEND (A10-1)	75.4	92.8	85.3	74.4	82.4
SHAMROCK	93.4	91.3	77.3	74.9	82.3
RAD-507	94.4	91.9	76.8	71.1	82.1
A00-4199	93.1	91.7	78.0	73.3	82.0
A00-2882	91.6	92.8	77.8	71.1	81.9
BAR 8PP 504	94.7	92.8	77.8	66.0	81.8

TABLE 38. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	OK1	TN1	VA1	WI1	MEAN
BLUE COAT (AKB 2282)	87.0	91.2	77.9	78.3	81.7
ENDURANCE (PST-K4-7)	95.7	87.8	78.9	73.3	81.7
PICK TD8	90.2	93.4	79.8	68.1	81.5
PICK 4340	97.4	92.5	74.7	72.1	81.5
SUDDEN IMPACT	89.3	90.8	81.1	71.1	81.5
MAZAMA (A04-74)	82.5	89.8	83.5	70.4	81.5
BURL 3-51	94.9	90.8	78.9	65.6	81.0
JACKRABBIT (PST-K10-106D)	92.8	92.1	77.4	66.1	80.9
AO1-1106	94.0	91.0	77.7	67.8	80.9
EMPIRE	93.8	91.9	79.5	63.8	80.7
AO5-999	87.1	91.8	77.9	71.7	80.6
AO6-26	78.8	91.5	76.0	72.8	78.8
WATERWORKS (A05-204)	79.4	89.3	78.1	72.0	78.7
RAD-849	89.2	83.5	73.1	76.1	78.6
RUBIX (4S2W)	81.1	89.4	71.1	82.8	78.6
AO6-47	93.8	90.3	75.7	59.4	78.6
AVID	77.6	92.7	76.3	71.1	78.5
3733	83.2	88.3	76.6	70.0	78.4
PST-K4-3	93.1	87.3	74.0	67.2	77.9
ZEDOR (PPH 9131)	95.9	90.4	71.9	57.7	77.7
LUNAR (PST-07-261)	95.7	89.8	68.1	65.6	77.5
RAD-1492	89.9	89.8	66.3	72.8	77.2
ARROWHEAD	85.1	89.2	72.7	67.1	77.2
RUSH	81.9	87.5	70.9	77.2	77.0
AWARD	84.1	88.4	67.7	76.6	76.8
BARON	90.6	89.1	65.3	71.9	76.5
AO5-329	92.8	87.7	77.8	46.7	76.0
PST-K9-99	90.9	89.8	68.1	62.8	75.9
BAR PP 119327	88.3	90.3	63.3	63.9	75.0
PST-K9-90	75.6	84.8	65.6	71.7	72.7
BLACKJACK	70.0	80.7	69.6	71.7	72.3
AKB 2555	74.5	81.0	70.5	67.7	72.2
PST-K9-97	85.2	78.3	65.9	60.6	70.9
BAR 12PP 612	93.8	84.3	52.3	62.2	70.1
PICK TD9	57.2	84.7	65.3	70.0	69.0
LSD VALUE	15.5	7.1	18.4	15.7	8.9
C.V. (%)	10.1	5.1	16.3	13.8	11.6

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

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

TABLE 39. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT LIVING GROUND COVER IN SUMMER LOCATIONS 2/

NAME	OK1	TN1	UT1	WI1	MEAN
BARVETTE HGT (BAR VV 0709)	97.7	93.3	70.0	79.2	89.2
BLUE NOTE	93.4	88.4	76.7	77.0	86.5
NU CHICAGO	93.3	88.5	76.7	74.2	86.1
A06-46	95.2	87.4	76.7	69.7	85.5
BAR PP 110358	95.6	94.3	60.0	65.3	85.4
J-1136	93.7	84.6	73.3	77.0	85.1
BOLT (H99-1653)	92.2	84.5	83.3	73.3	84.8
A05-360	94.3	87.8	76.7	67.2	84.6
SKYE	93.0	92.8	63.3	60.8	84.1
SRX 466	96.1	92.6	80.0	48.3	83.8
J-1770	88.2	85.9	63.3	77.8	83.5
MIDNIGHT	89.1	87.4	66.7	69.5	83.0
BLUEBANK (A03-1017)	92.3	87.8	66.7	63.0	82.9
ARAMINTHA (PP 10847)	82.4	79.3	80.0	83.2	82.6
PICK 4340	96.8	84.9	80.0	56.3	82.6
PICK 033	83.8	92.9	83.3	52.8	82.6
KEENELAND (A04-342)	81.3	88.2	86.7	59.2	82.0
A05-TB-382	94.4	92.9	60.0	49.2	82.0
J-1853	94.3	88.3	60.0	60.0	82.0
SR 2150 (SRX 5321)	87.1	81.3	63.3	80.3	82.0
AWARD	88.1	84.8	63.3	71.3	81.8
CABERNET	93.6	88.4	66.7	57.5	81.8
RAD-1492	94.3	84.4	80.0	56.3	81.6
BURL 3-51	91.6	88.5	63.3	57.7	81.4
BAR VV 118532	91.8	87.2	60.0	62.7	81.3
A05-361	93.8	83.4	60.0	64.3	80.9
EMPIRE	93.6	78.7	73.3	68.5	80.8
BAR 8PP 504	95.9	86.9	63.3	48.2	80.7
A01-1106	91.9	84.8	76.7	50.5	80.6
A98-363	81.8	90.8	56.7	63.2	80.4
ENDURANCE (PST-K4-7)	94.7	75.8	66.7	72.8	80.4
A04-38	92.6	75.0	70.0	76.0	80.3
KENBLUE	88.6	83.3	56.7	71.5	80.2
DAUNTLESS (A05-315)	95.4	82.7	50.0	66.2	80.1
OASIS (A98-344)	86.0	84.3	60.0	68.5	80.0
PST-T10-18	94.7	81.2	66.7	62.3	80.0
BAR PP 119326	89.0	75.0	70.0	79.0	79.8
A00-2882	82.4	81.4	73.3	64.7	79.7
A06-47	85.7	86.0	80.0	49.2	79.4
SRX 2758	83.8	85.6	70.0	59.8	79.3
SRX 4338	76.3	85.4	83.3	59.7	79.2
MAZAMA (A04-74)	92.0	86.3	60.0	49.2	78.9
MERLOT (LTP-08-6)	83.2	85.2	53.3	65.3	78.8
SHAMROCK	92.4	77.0	73.3	61.2	78.6
BARON	91.8	78.2	73.3	61.5	78.4
A04-36	88.9	74.7	60.0	76.8	78.3
3733	93.1	79.2	66.7	57.2	78.1

TABLE 39. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

PERCENT LIVING GROUND COVER IN SUMMER LOCATIONS 2/					
NAME	OK1	TN1	UT1	WI1	MEAN
BAR VV 112916	90.4	80.3	53.3	62.0	77.6
PICK MP07	73.6	79.6	80.0	68.5	77.5
AMERICA	84.1	83.9	63.3	52.2	77.4
BLUE COAT (AKB 2282)	91.2	75.6	73.3	60.7	76.9
BURL 06-11	71.4	87.4	76.7	53.3	76.8
BARDUKE	88.1	76.1	60.0	64.7	76.5
SUDDEN IMPACT	71.6	85.5	66.7	59.3	76.3
GEISHA (DPPP818)	79.7	76.5	76.7	59.2	76.0
THERMAL BLUE	92.9	72.0	66.7	59.2	75.7
RAD-507	88.3	78.7	73.3	45.8	75.6
LUNAR (PST-07-261)	92.0	79.4	70.0	37.5	75.3
AVID	71.2	82.8	60.0	60.8	75.0
JACKRABBIT (PST-K10-106D)	84.6	86.1	60.0	34.7	74.9
ZINGER (A05-306)	92.2	60.5	60.0	79.3	74.4
PST-K4-3	79.6	80.7	50.0	56.0	73.5
ARROWHEAD	84.3	77.6	63.3	43.3	73.2
RUBIX (4S2W)	72.4	71.8	56.7	73.0	73.0
ZEDOR (PPH 9131)	79.6	81.0	70.0	32.5	72.8
A00-4199	80.9	72.8	66.7	51.7	72.7
WATERWORKS (A05-204)	82.4	73.9	63.3	51.7	72.6
PICK TD8	75.3	77.3	73.3	48.5	72.4
RUSH	78.1	69.9	60.0	65.2	72.3
A05-999	75.2	70.3	76.7	58.3	72.2
BAR 12PP 612	81.0	74.3	63.3	44.2	71.5
A06-26	74.9	76.5	63.3	49.3	71.2
BAR PP 119327	80.8	76.3	70.0	31.7	71.0
PST-K9-97	93.1	65.7	70.0	44.7	70.7
LEGEND (A10-1)	75.8	69.8	70.0	53.3	70.2
RAD-849	91.1	63.5	66.7	50.8	70.2
A05-329	84.0	68.6	66.7	42.5	69.7
AKB 2555	74.2	68.2	60.0	53.8	68.0
PST-K9-99	82.6	75.9	43.3	25.8	67.8
PST-K9-90	70.0	62.0	63.3	66.3	67.7
PICK TD9	66.3	67.0	70.0	45.8	65.5
BLACKJACK	70.4	62.1	73.3	44.7	64.7
LSD VALUE	24.0	11.7	23.5	29.2	13.0
C.V. (%)	18.6	10.4	21.7	43.4	16.5

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

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

TABLE 40. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT LIVING GROUND COVER IN FALL LOCATIONS 2/						
NAME	NJ2	OK1	TN1	VA1	WI1	MEAN
BARVETTE HGT (BAR VV 0709)	60.0	97.5	95.5	85.8	92.3	90.4
SRX 466	58.3	94.2	92.1	72.5	86.8	85.0
BAR PP 110358	55.0	98.0	95.8	34.2	92.7	83.0
SKYE	50.0	93.3	89.2	60.8	86.3	81.7
J-1853	60.0	92.0	88.6	60.0	86.7	81.6
J-1770	60.0	92.9	88.4	45.0	94.2	81.6
BLUEBANK (A03-1017)	56.7	94.2	88.6	51.3	84.5	81.0
A05-360	60.0	81.2	85.9	74.2	88.2	80.4
BLUE NOTE	46.7	86.0	89.8	58.3	92.2	80.4
CABERNET	26.7	89.7	90.7	67.5	85.0	80.0
MIDNIGHT	56.7	83.8	93.8	40.8	91.3	79.9
A05-TB-382	41.7	95.8	93.1	58.3	72.5	79.8
MAZAMA (A04-74)	51.7	80.8	92.3	49.2	84.5	79.7
KENBLUE	38.3	83.3	90.0	60.8	88.3	79.6
BAR VV 118532	50.0	87.2	90.0	47.5	86.3	79.3
NU CHICAGO	56.7	90.5	87.8	45.4	90.5	79.3
A06-46	38.3	87.0	87.6	60.8	85.5	78.8
ARAMINTHA (PP 10847)	46.7	82.6	88.6	54.2	89.2	78.5
J-1136	61.7	94.0	85.1	38.8	89.3	78.4
BAR VV 112916	55.0	85.0	89.9	43.3	90.0	78.4
BURL 3-51	50.0	86.7	91.3	40.0	85.0	77.8
PICK 033	43.3	73.8	91.8	69.2	78.8	77.8
A98-363	56.7	71.3	88.0	64.2	90.0	77.4
DAUNTLESS (A05-315)	46.7	93.0	83.4	41.7	86.7	77.0
BARON	48.3	85.8	89.4	37.5	91.8	76.4
A04-38	48.3	88.2	81.4	52.5	84.8	76.3
PICK 4340	53.3	96.8	85.3	28.3	82.5	75.8
SHAMROCK	41.7	91.2	84.5	50.8	78.0	75.7
PST-T10-18	38.3	89.0	77.7	59.2	91.7	75.5
THERMAL BLUE	56.7	77.4	81.8	54.2	86.8	75.4
SR 2150 (SRX 5321)	45.0	80.3	85.1	43.3	84.7	74.6
OASIS (A98-344)	51.7	79.2	79.4	60.8	85.5	74.3
LUNAR (PST-07-261)	48.3	93.0	88.5	34.2	59.2	74.0
MERLOT (LTP-08-6)	38.3	71.7	85.8	58.3	85.8	74.0
BARDUKE	46.7	85.5	86.9	38.3	80.0	73.8
3733	30.0	86.8	85.6	53.3	76.7	73.8
BAR PP 119326	58.3	67.8	82.4	50.8	90.5	73.7
A01-1106	53.3	84.2	85.4	37.5	68.3	73.7
ENDURANCE (PST-K4-7)	33.3	91.6	84.1	32.5	89.8	73.5
RAD-507	35.0	78.8	85.8	50.8	81.3	73.1
RAD-1492	33.3	78.7	90.3	34.6	82.2	73.1
AWARD	21.7	86.2	81.8	43.3	91.5	73.0
A05-361	56.7	77.7	79.8	56.7	81.3	73.0
SRX 2758	63.3	65.8	85.7	46.7	82.5	72.7
AMERICA	43.3	72.3	85.3	43.3	76.2	72.4
BAR 8PP 504	55.0	83.5	80.0	42.5	66.3	72.4
EMPIRE	36.7	89.3	81.8	39.2	82.5	71.9

TABLE 40.
(CONT'D)PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT LIVING GROUND COVER IN FALL LOCATIONS 2/						
NAME	NJ2	OK1	TN1	VA1	WI1	MEAN
A06-47	38.3	75.7	84.9	45.4	73.3	71.7
KEENELAND (A04-342)	43.3	69.8	81.6	48.8	81.7	71.4
ZEDOR (PPH 9131)	50.0	86.7	85.8	35.0	53.3	71.3
GEISHA (DPPP818)	58.3	60.3	86.1	45.8	80.0	71.0
BURL 06-11	45.0	53.3	90.6	40.8	87.5	70.7
BLUE COAT (AKB 2282)	35.0	85.7	80.2	44.2	84.2	70.7
A04-36	40.0	74.7	81.4	46.7	90.8	70.2
ZINGER (A05-306)	48.3	84.3	66.4	55.0	90.0	70.0
ARROWHEAD	50.0	75.2	78.3	40.8	73.3	69.5
PICK TD8	48.3	69.7	82.0	40.0	80.0	69.2
BAR PP 119327	46.7	69.7	81.3	40.0	65.0	68.6
BAR 12PP 612	53.3	69.7	80.8	34.2	73.3	68.6
BOLT (H99-1653)	50.0	69.7	75.3	53.3	91.5	68.3
SRX 4338	40.0	62.8	84.2	40.4	80.0	68.1
JACKRABBIT (PST-K10-106D)	48.3	64.7	85.4	40.0	69.7	67.7
SUDDEN IMPACT	53.3	54.3	86.1	33.3	83.3	67.7
WATERWORKS (A05-204)	38.3	69.4	78.5	40.8	84.7	67.6
A00-4199	58.3	61.8	75.7	37.9	74.2	66.6
AVID	41.7	61.7	88.5	27.5	72.5	66.2
PST-K9-99	46.7	73.0	77.4	24.2	69.2	65.8
RAD-849	36.7	81.0	69.2	49.2	80.0	65.2
PST-K4-3	51.7	63.0	81.6	28.3	74.2	64.3
LEGEND (A10-1)	50.0	53.3	73.8	50.4	91.3	64.3
PICK MP07	33.3	48.2	82.3	47.5	83.3	63.9
A06-26	51.7	46.8	79.5	33.3	85.8	63.6
A05-329	30.0	74.5	77.0	30.8	63.3	63.2
PST-K9-97	33.3	91.3	61.3	30.8	74.2	63.1
RUBIX (4S2W)	25.0	57.1	75.3	34.2	90.2	62.2
A00-2882	33.3	45.0	75.1	43.3	79.2	61.5
RUSH	40.0	51.5	75.2	20.8	80.0	59.2
AKB 2555	28.3	56.5	71.0	31.7	68.3	56.8
A05-999	26.7	46.0	73.5	40.8	83.0	56.4
PST-K9-90	40.0	37.8	68.8	30.8	87.2	54.2
BLACKJACK	48.3	43.5	61.2	39.2	57.5	50.7
PICK TD9	40.0	22.3	65.9	25.0	67.5	46.3
LSD VALUE	12.6	40.5	15.2	24.3	19.8	17.2
C.V. (%)	17.0	32.8	12.0	32.6	15.1	19.5

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 41. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	NJ1	NJ2	TN1	WI1	MEAN
PICK TD8	5.7	7.0	8.0	8.7	7.8
LUNAR (PST-07-261)	5.0	7.7	7.7	8.7	7.7
A05-TB-382	7.3	6.3	8.0	8.0	7.6
PST-K9-97	4.7	7.3	6.0	9.0	7.5
LEGEND (A10-1)	4.3	5.7	8.7	8.7	7.4
SRX 466	5.0	4.0	8.3	8.7	7.2
JACKRABBIT (PST-K10-106D)	5.7	3.7	7.7	8.7	7.2
PICK 033	5.3	5.3	8.3	7.7	7.0
BAR 12PP 612	3.7	6.7	6.3	8.3	6.9
A01-1106	6.7	5.7	8.0	7.0	6.9
RAD-849	3.3	7.3	5.7	8.3	6.9
BURL 06-11	4.7	4.3	8.0	8.0	6.8
RAD-507	3.3	3.7	7.3	8.7	6.7
ZEDOR (PPH 9131)	2.0	5.0	7.3	8.7	6.7
BAR VV 112916	8.0	3.7	7.3	7.0	6.7
BAR PP 110358	7.0	5.7	7.0	6.7	6.6
PICK TD9	4.0	4.0	6.7	8.3	6.6
A05-329	2.7	5.0	7.0	8.3	6.6
A06-26	2.0	4.0	7.7	8.7	6.6
BAR VV 118532	5.0	6.3	8.0	6.7	6.6
BLACKJACK	5.0	4.3	6.0	8.0	6.6
PST-K4-3	4.3	5.0	7.0	7.7	6.6
A05-360	6.0	6.0	8.3	6.0	6.4
A06-47	2.7	5.3	7.3	7.7	6.4
WATERWORKS (A05-204)	2.7	3.3	8.3	8.0	6.4
PST-K9-99	1.7	2.7	7.0	9.0	6.4
SUDDEN IMPACT	1.3	6.3	7.3	7.7	6.3
SRX 2758	4.3	4.0	7.7	7.3	6.3
MAZAMA (A04-74)	1.7	5.0	8.0	7.7	6.3
BLUEBANK (A03-1017)	2.3	7.3	8.0	6.7	6.3
J-1853	1.3	6.7	7.7	7.3	6.3
PST-T10-18	5.0	4.3	8.0	6.7	6.2
AMERICA	3.3	4.7	7.3	7.3	6.2
ARROWHEAD	4.0	2.7	7.3	7.7	6.2
PICK 4340	2.7	6.7	7.7	6.7	6.2
BURL 3-51	3.7	4.0	8.3	7.0	6.2
A05-361	6.0	4.0	7.7	6.3	6.1
BAR PP 119327	1.7	1.7	7.3	8.7	6.1
CABERNET	4.3	3.7	7.7	7.0	6.1
SHAMROCK	5.3	4.7	7.7	6.3	6.1
A05-999	7.0	5.3	7.0	5.7	6.1
A00-4199	3.0	4.3	7.7	7.0	6.0
3733	2.0	3.7	7.0	7.7	5.9
A00-2882	5.7	6.0	8.0	5.3	5.9
RAD-1492	2.0	2.0	8.7	7.7	5.9
SKYE	5.0	4.3	7.3	6.3	5.9

TABLE 41. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

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

NAME	NJ1	NJ2	TN1	WI1	MEAN
DAUNTLESS (A05-315)	5.0	5.0	8.0	5.7	5.8
AKB 2555	2.0	3.3	6.3	7.7	5.8
BLUE COAT (AKB 2282)	1.7	4.3	7.7	7.0	5.8
RUSH	2.7	6.3	6.7	6.3	5.8
SRX 4338	2.0	5.7	8.0	6.3	5.8
EMPIRE	3.7	6.3	8.3	5.3	5.7
A06-46	5.7	5.3	7.3	5.3	5.7
KEENELAND (A04-342)	2.7	7.3	8.0	5.3	5.7
ENDURANCE (PST-K4-7)	4.0	7.7	7.0	5.0	5.6
THERMAL BLUE	3.7	2.0	7.0	7.0	5.6
AWARD	3.3	6.0	8.0	5.3	5.6
BAR 8PP 504	2.3	5.0	7.0	6.3	5.6
A98-363	3.7	4.7	7.7	5.7	5.5
AVID	2.3	4.3	8.3	6.0	5.5
MIDNIGHT	1.7	6.7	7.7	5.7	5.5
PICK MP07	6.0	6.3	7.7	4.3	5.5
PST-K9-90	3.3	4.3	6.3	6.0	5.3
BARON	2.3	1.3	7.3	7.0	5.3
KENBLUE	7.0	2.3	7.3	5.0	5.3
BARVETTE HGT (BAR VV 0709)	6.0	6.3	7.3	4.0	5.3
BOLT (H99-1653)	4.3	4.3	8.0	5.0	5.3
NU CHICAGO	2.3	6.0	8.0	5.0	5.2
MERLOT (LTP-08-6)	2.0	4.3	8.0	5.7	5.2
RUBIX (4S2W)	6.3	4.7	7.3	4.3	5.2
OASIS (A98-344)	3.0	3.7	7.7	5.3	5.1
J-1770	1.7	7.0	8.0	4.3	4.9
A04-36	4.0	5.7	7.7	4.0	4.9
A04-38	4.0	4.7	7.7	4.0	4.7
GEISHA (DPPP818)	1.0	2.0	7.3	6.0	4.7
J-1136	2.0	6.0	7.3	4.3	4.7
BARDUKE	2.3	2.3	7.3	5.3	4.7
BLUE NOTE	3.3	4.3	7.7	4.0	4.6
SR 2150 (SRX 5321)	4.7	4.7	7.7	3.3	4.5
ARAMINTHA (PP 10847)	2.0	7.0	7.3	3.5	4.5
ZINGER (A05-306)	3.7	6.0	7.0	3.3	4.4
BAR PP 119326	4.0	3.3	7.0	4.0	4.4
LSD VALUE	1.8	1.5	1.0	3.8	2.3
C.V. (%)	29.9	19.5	8.0	35.6	26.3

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 42.

PERCENT WINTER KILL RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	WI1	NAME	WI1
LUNAR (PST-07-261)	45.0	RAD-1492	12.3
BAR PP 119327	40.0	A00-2882	11.7
AVID	38.3	A00-4199	11.7
ZEDOR (PPH 9131)	36.7	BAR VV 118532	11.7
BLACKJACK	31.7	BURL 06-11	11.7
PST-K9-99	31.7	BURL 3-51	11.7
AMERICA	27.7	KEENELAND (A04-342)	11.7
A06-47	26.7	PICK 4340	11.7
PST-K9-97	26.7	SRX 466	10.7
BAR 8PP 504	25.7	A04-38	10.0
JACKRABBIT (PST-K10-106D)	25.0	A06-26	10.0
A01-1106	23.3	KENBLUE	10.0
RAD-849	23.3	MERLOT (LTP-08-6)	10.0
BAR 12PP 612	21.7	RUSH	10.0
PICK TD8	21.7	OASIS (A98-344)	9.0
PICK TD9	21.7	SRX 2758	8.3
SHAMROCK	21.7	ZINGER (A05-306)	8.3
AKB 2555	20.0	MIDNIGHT	7.3
ARROWHEAD	20.0	RUBIX (4S2W)	7.3
PICK 033	20.0	A04-36	6.7
PICK MP07	20.0	A98-363	6.7
PST-K4-3	20.0	ARAMINTHA (PP 10847)	6.7
A05-TB-382	18.3	BAR VV 112916	6.7
GEISHA (DPPP818)	18.3	J-1853	6.7
SRX 4338	18.3	PST-T10-18	6.7
SR 2150 (SRX 5321)	17.3	SUDDEN IMPACT	6.7
3733	16.7	BARON	6.3
A05-329	16.7	BAR PP 119326	5.7
BARDUKE	16.7	BLUE NOTE	5.7
CABERNET	16.7	NU CHICAGO	5.7
A05-361	15.7	PST-K9-90	5.7
A05-999	15.7	BARVETTE HGT (BAR VV 0709)	5.3
MAZAMA (A04-74)	15.3	BAR PP 110358	4.7
BLUE COAT (AKB 2282)	15.0	J-1136	4.7
DAUNTLESS (A05-315)	15.0	LEGEND (A10-1)	4.0
EMPIRE	15.0	A05-360	3.7
SKYE	14.0	AWARD	3.3
THERMAL BLUE	14.0	ENDURANCE (PST-K4-7)	3.3
WATERWORKS (A05-204)	14.0	BOLT (H99-1653)	2.0
RAD-507	13.3	J-1770	1.7
BLUEBANK (A03-1017)	12.7		
A06-46	12.3	LSD VALUE	16.3
		C.V. (%)	68.9

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

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

3/ PERCENT WINTER KILL RATED IN 2015 ONLY.

TABLE 43. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	IN1	NAME	IN1
A05-TB-382	7.7	RUBIX (4S2W)	5.3
RAD-849	7.0	A01-1106	5.0
A06-26	6.7	AMERICA	5.0
BAR PP 110358	6.7	AWARD	5.0
ENDURANCE (PST-K4-7)	6.7	BLUEBANK (A03-1017)	5.0
LEGEND (A10-1)	6.7	BURL 06-11	5.0
OASIS (A98-344)	6.7	PICK TD9	5.0
SR 2150 (SRX 5321)	6.7	PST-K9-97	5.0
A98-363	6.3	PST-K9-99	5.0
LUNAR (PST-07-261)	6.3	SUDDEN IMPACT	5.0
PICK 4340	6.3	A00-4199	4.7
RAD-1492	6.3	A04-38	4.7
A00-2882	6.0	A05-329	4.7
BARON	6.0	A05-361	4.7
KEENELAND (A04-342)	6.0	AVID	4.7
MAZAMA (A04-74)	6.0	BAR PP 119327	4.7
SKYE	6.0	BAR VV 112916	4.7
ZEDOR (PPH 9131)	6.0	BARDUKE	4.7
A06-46	5.7	DAUNTLESS (A05-315)	4.7
BAR 12PP 612	5.7	J-1770	4.7
BLUE COAT (AKB 2282)	5.7	PST-T10-18	4.7
EMPIRE	5.7	SRX 2758	4.7
MERLOT (LTP-08-6)	5.7	ZINGER (A05-306)	4.7
PICK 033	5.7	A04-36	4.3
SRX 4338	5.7	A05-999	4.3
WATERWORKS (A05-204)	5.7	A06-47	4.3
3733	5.3	BAR 8PP 504	4.3
A05-360	5.3	BAR VV 118532	4.3
ARAMINTHA (PP 10847)	5.3	MIDNIGHT	4.3
ARROWHEAD	5.3	PST-K4-3	4.3
BAR PP 119326	5.3	SHAMROCK	4.3
BARVETTE HGT (BAR VV 0709)	5.3	SRX 466	4.3
BLUE NOTE	5.3	THERMAL BLUE	4.3
BOLT (H99-1653)	5.3	BLACKJACK	4.0
BURL 3-51	5.3	JACKRABBIT (PST-K10-106D)	4.0
CABERNET	5.3	KENBLUE	4.0
GEISHA (DPPP818)	5.3	AKB 2555	3.7
J-1136	5.3	PICK MP07	3.7
J-1853	5.3	RUSH	3.7
NU CHICAGO	5.3		
PICK TD8	5.3	LSD VALUE	1.4
PST-K9-90	5.3	C.V. (%)	16.6
RAD-507	5.3		

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

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

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 2013 ONLY.

TABLE 44.

TYPHULA BLIGHT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	WI1	NAME	WI1
3733	9.0	PST-T10-18	9.0
A04-36	9.0	RAD-1492	9.0
A05-360	9.0	RAD-507	9.0
A05-361	9.0	RUBIX (4S2W)	9.0
A05-TB-382	9.0	RUSH	9.0
A06-26	9.0	SHAMROCK	9.0
A06-46	9.0	SKYE	9.0
A98-363	9.0	SR 2150 (SRX 5321)	9.0
AKB 2555	9.0	SRX 2758	9.0
AMERICA	9.0	SRX 466	9.0
ARAMINTHA (PP 10847)	9.0	SUDDEN IMPACT	9.0
AVID	9.0	THERMAL BLUE	9.0
AWARD	9.0	WATERWORKS (A05-204)	9.0
BAR PP 110358	9.0	ZINGER (A05-306)	9.0
BAR PP 119326	9.0	A05-329	8.7
BAR VV 112916	9.0	A05-999	8.7
BAR VV 118532	9.0	BAR 12PP 612	8.7
BARON	9.0	BARDUKE	8.7
BARVETTE HGT (BAR VV 0709)	9.0	PICK 4340	8.7
BLUE COAT (AKB 2282)	9.0	PICK MP07	8.7
BLUE NOTE	9.0	PICK TD8	8.7
BLUEBANK (A03-1017)	9.0	RAD-849	8.7
BOLT (H99-1653)	9.0	A00-2882	8.3
BURL 06-11	9.0	A04-38	8.3
BURL 3-51	9.0	BAR PP 119327	8.3
CABERNET	9.0	GEISHA (DPPP818)	8.3
DAUNTLESS (A05-315)	9.0	LUNAR (PST-07-261)	8.3
EMPIRE	9.0	SRX 4338	8.3
ENDURANCE (PST-K4-7)	9.0	A06-47	8.0
J-1136	9.0	ARROWHEAD	8.0
J-1770	9.0	PST-K9-99	8.0
J-1853	9.0	A01-1106	7.7
KENBLUE	9.0	BAR 8PP 504	7.7
LEGEND (A10-1)	9.0	JACKRABBIT (PST-K10-106D)	7.7
MAZAMA (A04-74)	9.0	KEENELAND (A04-342)	7.7
MERLOT (LTP-08-6)	9.0	PICK TD9	7.3
MIDNIGHT	9.0	ZEDOR (PPH 9131)	7.0
NU CHICAGO	9.0	A00-4199	6.7
OASIS (A98-344)	9.0	BLACKJACK	6.7
PICK 033	9.0		
PST-K4-3	9.0	LSD VALUE	1.2
PST-K9-90	9.0	C.V. (%)	8.8
PST-K9-97	9.0		

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

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

3/ TYPHULA BLIGHT RATED IN 2015 ONLY.

TABLE 45.

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	NJ1	NJ2	OK1	MEAN	NAME	IN1	NJ1	NJ2	OK1	MEAN
AVID	8.7	9.0	7.7	7.3	8.1	BARON	8.3	8.7	4.8	6.7	6.6
BURL 3-51	8.3	9.0	7.0	7.7	7.8	SUDDEN IMPACT	8.0	9.0	6.2	2.7	6.6
A05-361	9.0	8.7	6.7	7.3	7.8	MIDNIGHT	6.7	9.0	6.5	3.0	6.6
BAR PP 110358	8.7	9.0	6.8	8.7	7.8	A04-38	7.7	9.0	5.7	6.7	6.5
J-1136	8.3	9.0	7.5	5.7	7.7	ARAMINTHA (PP 10847)	7.7	9.0	5.3	8.0	6.5
PICK 033	9.0	9.0	6.5	7.7	7.6	RAD-507	8.0	9.0	5.5	5.3	6.5
KEENELAND (A04-342)	8.7	9.0	6.7	8.3	7.6	SKYE	8.3	9.0	5.5	4.3	6.5
A06-46	9.0	8.7	6.8	5.3	7.6	BAR 8PP 504	8.0	8.7	4.7	8.3	6.5
PICK 4340	9.0	9.0	6.5	7.7	7.6	SR 2150 (SRX 5321)	6.7	9.0	6.3	4.7	6.5
BLUEBANK (A03-1017)	8.3	9.0	7.0	4.7	7.5	ZEDOR (PPH 9131)	7.7	9.0	5.2	8.0	6.5
ENDURANCE (PST-K4-7)	8.0	9.0	6.5	8.0	7.4	A00-4199	6.3	9.0	6.5	3.7	6.4
SRX 4338	9.0	8.7	6.3	7.0	7.4	BAR VV 112916	9.0	7.7	3.8	8.0	6.4
LEGEND (A10-1)	8.3	9.0	6.8	5.0	7.3	RUSH	5.7	9.0	6.5	4.3	6.4
AWARD	8.3	9.0	6.7	5.3	7.3	A98-363	7.7	9.0	4.8	7.7	6.3
BLUE NOTE	8.7	9.0	6.3	5.3	7.2	PICK MP07	8.0	8.3	4.3	7.0	6.2
J-1853	8.3	9.0	6.7	4.7	7.2	WATERWORKS (A05-204)	8.0	9.0	4.8	6.0	6.2
SRX 2758	8.0	9.0	6.0	7.3	7.1	BAR PP 119327	6.7	9.0	5.7	4.7	6.2
A05-360	7.3	9.0	6.2	8.0	7.1	PST-K4-3	6.7	9.0	5.5	5.0	6.2
A06-26	7.0	9.0	6.3	8.7	7.1	ZINGER (A05-306)	7.7	9.0	5.2	5.3	6.2
EMPIRE	8.0	9.0	6.7	5.0	7.1	PST-K9-97	3.3	8.7	7.7	5.7	6.1
J-1770	8.7	8.7	6.5	3.7	7.1	RUBIX (4S2W)	6.0	8.0	6.2	4.7	6.1
RAD-849	8.3	9.0	5.5	7.7	7.0	A00-2882	4.7	9.0	7.0	3.7	6.1
NU CHICAGO	8.0	9.0	6.3	5.0	7.0	JACKRABBIT (PST-K10-106D)	5.0	8.3	6.5	6.0	6.0
PST-T10-18	9.0	8.7	5.2	8.0	7.0	THERMAL BLUE	6.7	8.0	5.3	6.3	6.0
RAD-1492	8.0	9.0	6.0	7.7	7.0	BAR VV 118532	7.7	9.0	4.2	6.3	6.0
BOLT (H99-1653)	8.3	8.0	5.7	8.3	7.0	BAR 12PP 612	5.0	9.0	6.3	6.3	6.0
MERLOT (LTP-08-6)	8.0	9.0	5.5	8.3	6.9	A06-47	4.0	8.7	6.8	5.0	5.9
OASIS (A98-344)	8.0	9.0	5.7	8.0	6.9	BARDUKE	7.3	8.7	4.0	7.3	5.9
GEISHA (DPPP818)	7.7	9.0	5.2	8.7	6.9	BLUE COAT (AKB 2282)	6.7	8.7	5.3	5.0	5.9
PST-K9-90	4.3	8.7	7.5	8.0	6.8	LUNAR (PST-07-261)	8.0	8.7	3.8	5.7	5.9
SRX 466	7.7	9.0	6.2	6.3	6.8	ARROWHEAD	5.7	9.0	6.2	1.3	5.8
A05-TB-382	9.0	8.7	4.8	7.7	6.8	PST-K9-99	4.3	9.0	5.8	7.3	5.7
BURL 06-11	8.7	9.0	4.8	9.0	6.8	SHAMROCK	6.0	9.0	5.2	4.7	5.6
A01-1106	6.3	9.0	7.0	3.3	6.7	3733	6.0	9.0	5.0	5.3	5.6
AMERICA	8.0	9.0	5.5	8.0	6.7	A05-999	5.0	5.7	5.5	5.7	5.5
PICK TD8	7.7	9.0	5.5	8.7	6.7	KENBLUE	7.7	6.3	2.3	9.0	5.4
CABERNET	7.0	9.0	5.8	8.0	6.7	BARVETTE HGT (BAR VV 0709)	8.0	2.7	3.7	8.7	5.4
MAZAMA (A04-74)	6.7	9.0	6.2	7.0	6.7	BLACKJACK	6.3	8.7	3.8	5.5	5.1
PICK TD9	8.3	9.0	5.0	7.5	6.7	A05-329	1.3	9.0	6.2	5.3	4.7
A04-36	7.7	9.0	6.0	6.7	6.7	AKB 2555	1.7	9.0	5.0	5.0	4.0
DAUNTLESS (A05-315)	7.7	8.7	5.7	7.0	6.7						
BAR PP 119326	8.0	9.0	5.5	4.7	6.6	LSD VALUE	1.8	0.7	1.4	2.6	1.4
						C.V. (%)	15.3	5.1	15.1	25.1	15.6

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.

3/ LEAF SPOT RATED AT "IN1" 2012, AT "NJ1" & "OK1" IN 2015, AND AT "NJ2" IN 2013.

TABLE 46.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	MD1	NJ2	WI1	MEAN	NAME	IN1	MD1	NJ2	WI1	MEAN
BARVETTE HGT (BAR VV 0709)	9.0	9.0	7.3	7.7	8.5	GEISHA (DPPP818)	6.3	8.3	6.3	7.7	7.2
BAR PP 110358	8.7	9.0	8.0	7.3	8.4	J-1136	5.7	8.7	7.0	7.7	7.2
PICK TD8	8.7	9.0	7.3	7.7	8.4	A04-36	5.7	9.0	5.7	8.0	7.2
PST-T10-18	8.3	9.0	6.7	8.0	8.2	A05-361	7.3	8.7	4.7	6.3	7.2
A06-46	8.0	9.0	7.3	8.0	8.2	SUDDEN IMPACT	6.0	8.3	6.3	7.7	7.1
A05-TB-382	8.3	9.0	6.7	7.7	8.2	SR 2150 (SRX 5321)	6.3	9.0	4.3	7.7	7.1
BURL 06-11	8.3	8.7	6.7	8.0	8.1	AMERICA	6.7	8.3	5.0	7.3	7.1
RAD-849	8.0	9.0	6.3	8.3	8.1	AVID	6.0	8.3	6.0	7.7	7.1
ARAMINTHA (PP 10847)	7.7	9.0	7.0	8.0	8.1	BURL 3-51	6.7	8.3	4.7	7.7	7.1
BOLT (H99-1653)	7.7	9.0	7.0	7.7	8.0	A05-360	6.3	9.0	4.3	7.3	7.1
BAR 8PP 504	7.7	8.7	7.7	7.7	8.0	BARON	6.0	8.0	5.3	8.3	6.9
KENBLUE	8.0	8.7	6.3	8.0	7.9	ZINGER (A05-306)	5.0	9.0	6.0	7.7	6.9
A98-363	7.3	9.0	6.7	8.0	7.9	ENDURANCE (PST-K4-7)	6.3	9.0	3.3	7.7	6.9
SRX 4338	7.7	8.7	6.3	8.0	7.8	A06-47	6.3	9.0	4.0	6.7	6.9
KEENELAND (A04-342)	6.7	9.0	7.3	8.0	7.8	BAR PP 119327	6.0	8.3	5.7	7.0	6.9
LUNAR (PST-07-261)	7.7	8.3	6.3	8.0	7.7	PST-K9-99	6.0	8.3	5.3	7.3	6.9
RAD-1492	7.3	9.0	6.0	7.7	7.7	JACKRABBIT (PST-K10-106D)	5.0	9.0	6.0	7.0	6.8
NU CHICAGO	7.0	8.7	7.3	7.7	7.7	PST-K4-3	6.0	9.0	4.0	7.0	6.8
BLUE COAT (AKB 2282)	7.7	9.0	5.0	7.7	7.7	PST-K9-90	5.3	9.0	4.7	7.7	6.8
MERLOT (LTP-08-6)	8.7	9.0	3.3	7.3	7.7	PST-K9-97	6.3	9.0	3.0	7.3	6.8
PICK TD9	8.7	7.3	6.7	7.3	7.7	RUBIX (4S2W)	4.7	8.7	5.7	8.3	6.8
PICK 033	7.3	9.0	5.3	7.7	7.6	A05-999	5.7	9.0	3.7	7.3	6.7
WATERWORKS (A05-204)	7.3	9.0	5.0	8.0	7.6	A00-4199	5.7	8.7	5.3	6.0	6.7
BAR PP 119326	6.7	9.0	6.0	8.0	7.6	BLACKJACK	5.0	8.3	5.7	7.7	6.7
BLUE NOTE	7.0	9.0	5.7	7.7	7.6	MIDNIGHT	5.3	8.0	5.3	8.0	6.7
3733	7.0	9.0	5.7	7.3	7.5	ZEDOR (PPH 9131)	4.3	9.0	6.0	7.3	6.7
A06-26	8.0	9.0	4.0	6.7	7.4	MAZAMA (A04-74)	5.0	9.0	4.0	7.7	6.6
PICK MP07	6.7	9.0	5.7	7.7	7.4	A04-38	4.7	8.7	5.7	7.3	6.6
SKYE	7.0	9.0	4.7	8.0	7.4	AKB 2555	5.3	8.7	4.0	7.7	6.6
BAR VV 112916	7.7	7.3	7.3	7.3	7.4	SHAMROCK	4.7	9.0	4.7	7.3	6.6
PICK 4340	6.0	9.0	7.3	7.3	7.4	J-1853	4.7	8.0	6.7	7.0	6.5
SRX 2758	6.7	9.0	5.3	8.0	7.4	BAR 12PP 612	5.3	9.0	3.0	7.0	6.4
RAD-507	6.7	9.0	5.3	7.7	7.4	A01-1106	5.7	8.0	3.7	6.7	6.3
J-1770	6.0	8.7	6.3	8.3	7.3	EMPIRE	5.7	7.7	4.0	7.0	6.3
OASIS (A98-344)	7.7	9.0	4.0	6.7	7.3	A05-329	6.0	7.7	3.0	7.3	6.3
BAR VV 118532	6.0	9.0	5.7	8.0	7.3	ARROWHEAD	4.7	8.0	5.0	7.3	6.3
DAUNTLESS (A05-315)	5.7	9.0	6.7	7.7	7.3	RUSH	4.0	8.7	5.3	6.3	6.2
LEGEND (A10-1)	6.0	9.0	5.7	8.0	7.3	SRX 466	5.0	7.0	4.0	7.7	5.9
BARDUKE	6.3	8.7	5.7	8.0	7.3	A00-2882	5.0	7.3	3.0	7.3	5.8
BLUEBANK (A03-1017)	5.7	8.7	6.7	8.3	7.3						
THERMAL BLUE	7.3	8.3	5.7	6.7	7.3	LSO VALUE	1.8	0.8	1.4	1.0	1.2
AWARD	5.7	9.0	6.0	8.0	7.2	C.V. (%)	17.2	5.7	15.9	8.5	11.6
CABERNET	7.0	9.0	3.7	7.7	7.2						

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

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

3/ STEM RUST RATED AT "IN1" 2014, AT "MD1" IN 2012, AT "NJ2" & "WI1" IN 2013.

TABLE 47. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IN1	MD1	NJ1	OK1	TN1	MEAN
BURL 3-51	9.0	8.0	8.3	8.5	7.3	8.5
MAZAMA (A04-74)	9.0	8.3	8.7	8.3	7.0	8.4
ENDURANCE (PST-K4-7)	9.0	7.7	8.0	8.5	7.7	8.4
LEGEND (A10-1)	9.0	8.0	8.3	8.7	6.3	8.4
MERLOT (LTP-08-6)	9.0	6.7	8.3	8.5	8.0	8.4
A06-47	8.7	8.0	8.0	8.3	8.0	8.4
SKYE	8.7	7.7	7.3	8.3	9.0	8.4
BURL 06-11	8.7	7.7	7.7	8.5	8.0	8.4
EMPIRE	8.7	8.0	8.3	8.5	7.0	8.4
J-1853	8.7	7.7	8.0	8.5	7.7	8.4
LUNAR (PST-07-261)	9.0	7.3	8.0	8.3	8.0	8.4
SR 2150 (SRX 5321)	8.0	8.0	8.7	8.3	8.0	8.4
A05-329	8.3	8.0	8.0	8.3	8.0	8.3
MIDNIGHT	8.7	7.7	8.3	8.2	8.0	8.3
BLUEBANK (A03-1017)	8.7	7.3	7.7	8.5	7.7	8.3
J-1136	8.7	7.3	7.3	8.5	8.0	8.3
J-1770	8.3	7.7	7.7	8.3	8.3	8.3
RAD-1492	8.3	7.7	8.0	8.5	7.3	8.3
BAR 12PP 612	9.0	7.0	8.0	8.5	7.0	8.3
WATERWORKS (A05-204)	8.7	7.7	7.0	8.5	7.7	8.3
A06-26	8.7	7.7	7.3	8.5	7.3	8.3
AWARD	8.3	7.7	7.3	8.7	7.0	8.2
A98-363	9.0	7.0	7.7	8.3	7.7	8.2
BLUE COAT (AKB 2282)	9.0	7.3	8.0	8.2	7.0	8.2
SUDDEN IMPACT	8.0	8.3	7.3	8.3	7.7	8.2
3733	8.3	8.0	7.3	8.5	7.3	8.2
NU CHICAGO	8.3	7.7	7.7	8.3	7.3	8.2
AMERICA	8.7	7.7	7.3	8.0	8.0	8.2
A01-1106	8.0	7.0	8.0	8.5	7.3	8.1
A00-2882	8.3	7.7	8.0	8.2	7.0	8.1
AVID	9.0	6.7	6.3	8.5	7.7	8.1
SRX 466	7.7	6.0	8.0	8.5	8.7	8.1
PST-K9-97	8.7	7.7	7.0	8.2	7.3	8.1
AKB 2555	8.3	8.7	6.7	8.0	7.3	8.1
BLUE NOTE	8.3	7.0	8.0	8.2	7.7	8.1
A06-46	7.0	6.3	8.3	8.5	8.3	8.1
PICK 4340	7.0	7.7	7.0	8.5	8.3	8.1
SHAMROCK	8.7	6.7	6.7	8.5	7.0	8.0
PICK TD8	8.0	7.7	7.3	8.3	6.7	8.0
PST-K4-3	8.0	7.7	8.0	7.9	7.7	8.0
OASIS (A98-344)	9.0	7.0	8.0	8.0	7.7	8.0
KEENELAND (A04-342)	7.7	6.3	7.3	8.3	8.0	8.0
PST-K9-90	7.3	7.3	7.7	8.3	7.0	7.9
A05-360	8.0	5.7	7.0	8.5	7.7	7.9
BAR PP 110358	6.3	7.0	7.7	8.3	9.0	7.9
BAR VV 118532	7.7	6.7	6.7	8.5	7.3	7.9

TABLE 47. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

NAME	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/					MEAN
	IN1	MD1	NJ1	OK1	TN1	
BARVETTE HGT (BAR VV 0709)	6.7	6.7	6.7	8.5	8.7	7.9
A05-TB-382	7.7	6.7	7.0	8.0	8.7	7.9
ARROWHEAD	6.7	7.0	6.7	8.3	7.7	7.8
SRX 4338	6.7	7.0	6.7	8.3	7.7	7.8
PICK 033	8.0	6.7	7.0	7.8	9.0	7.7
DAUNTLESS (A05-315)	7.3	6.7	6.0	8.5	7.0	7.7
A05-361	7.7	7.0	7.7	7.8	7.7	7.7
A04-36	8.0	6.7	5.3	8.5	6.7	7.7
GEISHA (DPPP818)	8.0	6.3	5.7	8.3	6.7	7.7
RUSH	7.0	7.0	6.7	8.5	6.0	7.7
A04-38	8.3	7.0	7.0	8.0	6.0	7.7
BLACKJACK	8.7	6.3	6.3	8.0	7.3	7.7
PICK TD9	5.7	7.7	7.0	8.4	7.3	7.6
RAD-507	8.0	7.0	4.0	8.3	7.3	7.6
BARON	8.0	7.3	4.3	8.2	7.0	7.6
BAR 8PP 504	7.3	7.0	7.0	7.7	8.3	7.5
RUBIX (4S2W)	7.7	6.3	6.3	7.8	6.7	7.5
PST-T10-18	6.3	6.3	5.3	8.2	8.0	7.5
RAD-849	5.7	6.7	6.0	8.2	7.0	7.4
BOLT (H99-1653)	5.7	6.3	5.7	8.2	8.0	7.3
CABERNET	5.7	6.7	6.3	8.0	8.3	7.3
BARDUKE	8.0	6.3	4.3	7.7	6.7	7.3
ZINGER (A05-306)	6.7	6.7	6.0	8.0	6.3	7.3
JACKRABBIT (PST-K10-106D)	6.7	6.0	6.3	7.3	7.7	7.2
SRX 2758	7.3	6.3	6.7	7.5	7.3	7.2
PST-K9-99	8.7	5.7	3.0	7.8	7.3	7.2
PICK MP07	5.0	7.0	5.3	8.0	7.0	7.1
ARAMINTHA (PP 10847)	5.3	5.0	5.0	8.3	7.0	7.1
BAR PP 119327	6.3	5.3	4.3	8.2	6.3	7.1
A00-4199	5.3	6.0	4.0	8.3	6.7	7.0
A05-999	4.3	6.0	7.3	7.5	6.3	6.9
BAR PP 119326	2.7	4.0	3.3	8.5	6.3	6.3
KENBLUE	3.0	4.7	2.0	7.3	7.3	5.6
BAR VV 112916	3.7	4.3	2.0	7.2	6.3	5.5
THERMAL BLUE	3.7	4.7	3.7	6.2	6.0	5.1
ZEDOR (PPH 9131)	5.0	4.0	1.7	5.7	7.7	4.9
LSD VALUE	1.5	1.3	2.1	1.3	1.2	1.1
C.V. (%)	12.3	11.3	19.1	10.1	10.3	11.8

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

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

3/ DOLLAR SPOT RATED AT "IN1" 2014, AT "OK1" IN 2014-15, AND "MD1", "NJ1" & "TN1" IN 2013.

TABLE 48.

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MD1	VA1	MEAN	NAME	MD1	VA1	MEAN
A05-329	9.0	9.0	9.0	SKYE	8.3	8.7	8.5
AMERICA	9.0	9.0	9.0	SR 2150 (SRX 5321)	8.0	9.0	8.5
AVID	9.0	9.0	9.0	ARROWHEAD	7.7	9.0	8.3
BURL 06-11	9.0	9.0	9.0	J-1770	7.7	9.0	8.3
MAZAMA (A04-74)	9.0	9.0	9.0	LEGEND (A10-1)	7.7	9.0	8.3
OASIS (A98-344)	9.0	9.0	9.0	PICK TD9	7.7	9.0	8.3
3733	8.7	9.0	8.8	RAD-849	7.7	9.0	8.3
A05-TB-382	8.7	9.0	8.8	SRX 466	7.7	9.0	8.3
A06-26	8.7	9.0	8.8	THERMAL BLUE	7.7	9.0	8.3
AKB 2555	8.7	9.0	8.8	A06-46	8.0	8.7	8.3
ARAMINTHA (PP 10847)	8.7	9.0	8.8	PST-K9-97	8.0	8.7	8.3
BAR 12PP 612	8.7	9.0	8.8	PST-T10-18	8.0	8.3	8.2
BAR PP 110358	8.7	9.0	8.8	A06-47	7.3	9.0	8.2
BAR VV 118532	8.7	9.0	8.8	BAR PP 119327	7.3	9.0	8.2
BARON	8.7	9.0	8.8	DAUNTLESS (A05-315)	7.3	9.0	8.2
BLACKJACK	8.7	9.0	8.8	J-1136	7.3	9.0	8.2
BOLT (H99-1653)	8.7	9.0	8.8	KEENELAND (A04-342)	7.3	9.0	8.2
WATERWORKS (A05-204)	8.7	9.0	8.8	PST-K4-3	7.3	9.0	8.2
ZEDOR (PPH 9131)	8.7	9.0	8.8	PST-K9-90	7.3	9.0	8.2
A00-2882	8.3	9.0	8.7	RUSH	7.3	9.0	8.2
A00-4199	8.3	9.0	8.7	SRX 2758	7.3	9.0	8.2
A01-1106	8.3	9.0	8.7	A05-360	7.0	9.0	8.0
A04-38	8.3	9.0	8.7	AWARD	7.0	9.0	8.0
A05-361	8.3	9.0	8.7	BLUEBANK (A03-1017)	7.3	8.7	8.0
BAR 8PP 504	8.3	9.0	8.7	PST-K9-99	7.0	9.0	8.0
BLUE COAT (AKB 2282)	8.3	9.0	8.7	JACKRABBIT (PST-K10-106D)	7.7	8.0	7.8
BLUE NOTE	8.3	9.0	8.7	NU CHICAGO	6.7	9.0	7.8
BURL 3-51	8.3	9.0	8.7	SUDDEN IMPACT	6.7	9.0	7.8
EMPIRE	8.3	9.0	8.7	ZINGER (A05-306)	6.7	9.0	7.8
LUNAR (PST-07-261)	8.3	9.0	8.7	A04-36	6.3	9.0	7.7
MERLOT (LTP-08-6)	8.3	9.0	8.7	J-1853	6.3	9.0	7.7
RAD-1492	8.3	9.0	8.7	A05-999	6.0	9.0	7.5
A98-363	8.0	9.0	8.5	PICK 4340	6.0	9.0	7.5
BAR PP 119326	8.0	9.0	8.5	SRX 4338	6.0	9.0	7.5
BARDUKE	8.0	9.0	8.5	BARVETTE HGT (BAR VV 0709)	6.0	8.3	7.2
CABERNET	8.0	9.0	8.5	RUBIX (4S2W)	5.7	8.0	6.8
ENDURANCE (PST-K4-7)	8.0	9.0	8.5	PICK MP07	5.0	8.7	6.8
GEISHA (DPPP818)	8.0	9.0	8.5	BAR VV 112916	5.3	6.7	6.0
MIDNIGHT	8.3	8.7	8.5	KENBLUE	4.0	7.3	5.7
PICK 033	8.0	9.0	8.5				
PICK TD8	8.0	9.0	8.5	LSD VALUE	1.5	0.7	1.1
RAD-507	9.0	8.0	8.5	C.V. (%)	11.8	5.0	8.4
SHAMROCK	8.0	9.0	8.5				

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

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

3/ RED THREAD RATED AT "MD1" 2014, AND AT "VA1" IN 2013.

TABLE 49. BROWN PATCH (WARM TEMPERATURE) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1	NAME	OK1
BARVETTE HGT (BAR VV 0709)	8.0	A05-329	4.7
BURL 3-51	7.7	AWARD	4.7
BURL 06-11	7.0	BOLT (H99-1653)	4.7
SRX 4338	7.0	EMPIRE	4.7
SUDDEN IMPACT	7.0	KENBLUE	4.7
MAZAMA (A04-74)	6.7	LUNAR (PST-07-261)	4.7
SRX 466	6.7	OASIS (A98-344)	4.7
BAR 12PP 612	6.3	SRX 2758	4.7
BAR PP 110358	6.3	A98-363	4.5
BLUE NOTE	6.3	AMERICA	4.5
J-1136	6.3	BLACKJACK	4.5
MIDNIGHT	6.3	A05-361	4.3
A06-46	6.0	A06-26	4.3
AKB 2555	6.0	ARROWHEAD	4.3
KEENELAND (A04-342)	6.0	CABERNET	4.3
MERLOT (LTP-08-6)	6.0	GEISHA (DPPP818)	4.3
PST-K4-3	6.0	PICK 033	4.3
RAD-849	6.0	PST-T10-18	4.3
A04-36	5.7	A05-360	4.0
BLUE COAT (AKB 2282)	5.7	A05-999	4.0
J-1853	5.7	A06-47	4.0
NU CHICAGO	5.7	BAR PP 119327	4.0
PICK 4340	5.7	ENDURANCE (PST-K4-7)	4.0
SHAMROCK	5.7	PST-K9-99	4.0
BARDUKE	5.3	RAD-1492	4.0
BARON	5.3	ZINGER (A05-306)	4.0
BLUEBANK (A03-1017)	5.3	BAR VV 118532	3.7
J-1770	5.3	PST-K9-97	3.7
RAD-507	5.3	PICK TD9	3.5
SR 2150 (SRX 5321)	5.3	A00-4199	3.3
WATERWORKS (A05-204)	5.3	BAR 8PP 504	3.3
A00-2882	5.0	BAR PP 119326	3.3
A05-TB-382	5.0	ARAMINTHA (PP 10847)	3.0
BAR VV 112916	5.0	PST-K9-90	3.0
DAUNTLESS (A05-315)	5.0	RUBIX (4S2W)	3.0
JACKRABBIT (PST-K10-106D)	5.0	THERMAL BLUE	3.0
LEGEND (A10-1)	5.0	ZEDOR (PPH 9131)	3.0
PICK TD8	5.0	AVID	2.7
RUSH	5.0	PICK MP07	2.5
SKYE	5.0		
3733	4.7	LSD VALUE	2.6
A01-1106	4.7	C.V. (%)	30.9
A04-38	4.7		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH (WARM TEMPERATURE) RATED IN 2015 ONLY.

TABLE 50. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IA1	KS1	MN1	NJ1	OK1	TN1	VA1	MEAN
BARVETTE HGT (BAR VV 0709)	9.0	8.7	9.0	8.7	7.5	9.0	9.0	8.3
BLUE NOTE	9.0	8.3	9.0	9.0	5.5	6.3	8.8	7.7
BLUEBANK (A03-1017)	9.0	8.0	8.7	9.0	6.2	7.7	7.5	7.7
SRX 466	9.0	8.3	9.0	9.0	6.0	7.7	8.7	7.6
PICK 033	9.0	8.7	9.0	7.3	5.7	7.7	9.0	7.6
SKYE	9.0	8.3	9.0	8.3	6.0	6.7	8.2	7.5
CABERNET	9.0	6.7	9.0	8.0	5.5	7.7	8.8	7.5
A05-360	9.0	7.0	9.0	8.7	4.8	6.7	9.0	7.4
BAR PP 110358	8.7	9.0	9.0	9.0	6.8	8.7	6.3	7.4
MERLOT (LTP-08-6)	9.0	7.3	8.0	9.0	6.3	5.7	8.5	7.4
A05-TB-382	7.7	8.7	7.7	7.0	6.8	7.7	7.8	7.4
BURL 06-11	9.0	7.0	8.3	8.3	6.3	7.3	7.7	7.4
J-1770	9.0	7.7	9.0	7.7	6.2	7.3	7.0	7.4
MIDNIGHT	9.0	6.7	9.0	9.0	6.0	8.3	7.3	7.4
A06-46	9.0	5.7	9.0	8.7	6.5	7.0	8.3	7.4
A05-361	9.0	7.0	9.0	7.7	4.8	3.7	9.0	7.3
BAR VV 118532	9.0	7.7	9.0	7.7	5.2	6.3	7.8	7.3
J-1853	9.0	6.7	9.0	8.7	5.2	6.7	7.7	7.3
BURL 3-51	8.7	7.7	9.0	8.7	6.3	7.7	6.7	7.3
SRX 4338	9.0	8.0	9.0	8.0	6.2	5.3	6.5	7.2
BOLT (H99-1653)	8.7	5.7	9.0	9.0	5.5	3.7	8.2	7.2
OASIS (A98-344)	9.0	6.7	9.0	8.7	5.0	3.3	8.7	7.2
RAD-507	8.7	7.7	9.0	8.0	5.3	6.3	6.3	7.2
A98-363	9.0	4.7	9.0	8.7	6.0	5.3	8.5	7.1
3733	9.0	7.7	9.0	6.0	5.2	6.7	8.5	7.1
LUNAR (PST-07-261)	8.7	8.0	8.0	8.7	6.3	7.0	5.7	7.1
PST-T10-18	9.0	7.3	8.7	7.7	5.3	2.7	8.5	7.1
ARAMINTHA (PP 10847)	9.0	7.7	9.0	6.7	5.7	6.3	6.0	7.1
EMPIRE	9.0	6.7	9.0	8.7	6.0	5.0	6.3	7.1
DAUNTLESS (A05-315)	9.0	7.7	9.0	7.0	4.8	4.0	7.0	7.1
SRX 2758	7.3	6.3	9.0	8.3	6.0	5.0	7.8	7.1
MAZAMA (A04-74)	9.0	7.0	9.0	9.0	5.0	8.3	7.8	7.0
A06-47	8.7	8.3	8.7	8.3	5.2	5.3	7.7	6.9
PICK TD8	9.0	6.7	8.7	8.7	4.8	4.0	7.7	6.9
SUDDEN IMPACT	9.0	7.7	7.7	8.3	5.3	6.0	6.7	6.8
KENBLUE	9.0	6.3	9.0	5.3	4.8	6.7	7.0	6.8
A06-26	9.0	6.7	9.0	9.0	4.7	3.7	6.5	6.8
J-1136	9.0	5.3	9.0	8.0	5.8	7.0	6.5	6.8
LEGEND (A10-1)	9.0	7.0	6.3	8.7	4.8	3.7	8.7	6.8
AMERICA	8.7	7.0	9.0	8.0	5.2	5.7	6.5	6.8
AVID	9.0	6.0	9.0	8.7	5.7	6.3	6.0	6.8
AWARD	8.7	7.0	9.0	7.3	5.7	4.7	5.8	6.8
BAR VV 112916	9.0	5.3	9.0	4.3	4.5	6.7	7.2	6.7
A04-36	9.0	6.0	7.3	7.7	4.3	4.3	7.5	6.7
SR 2150 (SRX 5321)	9.0	7.0	9.0	8.3	4.8	4.3	6.5	6.7
BAR 8PP 504	6.7	7.7	6.7	7.3	7.5	3.3	5.5	6.7

TABLE 50. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

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

NAME	IA1	KS1	MN1	NJ1	OK1	TN1	VA1	MEAN
NU CHICAGO	8.7	6.7	9.0	8.3	5.8	6.3	5.7	6.7
KEENELAND (A04-342)	9.0	8.3	3.7	8.0	6.8	5.7	6.3	6.7
WATERWORKS (A05-204)	9.0	8.0	9.0	7.3	4.0	3.3	7.7	6.7
A04-38	9.0	4.7	9.0	7.0	4.8	3.7	7.3	6.7
GEISHA (DPPP818)	9.0	6.7	9.0	7.7	4.3	5.0	6.8	6.6
RAD-1492	9.0	6.3	9.0	7.0	5.3	6.7	5.3	6.6
ZINGER (A05-306)	9.0	6.3	9.0	7.3	3.7	2.3	8.2	6.5
PICK 4340	7.7	8.7	5.0	8.0	6.8	7.7	4.7	6.5
A00-4199	9.0	6.7	8.7	8.3	4.8	3.0	5.8	6.5
A01-1106	8.0	5.7	9.0	5.7	6.2	4.7	5.2	6.5
PICK MPO7	9.0	4.7	8.7	5.3	5.2	5.3	6.5	6.5
ARROWHEAD	9.0	7.0	8.3	8.3	4.2	3.3	6.8	6.5
ENDURANCE (PST-K4-7)	9.0	5.7	9.0	7.7	5.3	7.0	4.8	6.5
THERMAL BLUE	9.0	5.3	9.0	7.0	3.7	4.7	7.2	6.4
ZEDOR (PPH 9131)	8.7	7.0	8.3	5.7	5.0	6.3	5.2	6.4
SHAMROCK	8.7	5.7	8.7	7.0	4.2	4.3	7.3	6.4
PST-K4-3	9.0	5.0	9.0	8.3	5.8	4.0	5.7	6.3
JACKRABBIT (PST-K10-106D)	9.0	6.3	7.0	7.7	5.3	5.0	5.7	6.3
BLUE COAT (AKB 2282)	9.0	5.3	8.7	8.7	4.0	5.3	6.5	6.2
BARON	9.0	5.3	9.0	8.0	3.7	6.7	5.7	6.2
BAR PP 119326	8.3	4.3	9.0	8.0	3.2	4.0	8.0	6.2
BARDUKE	9.0	5.7	7.3	7.3	4.0	6.0	5.7	6.1
A00-2882	8.7	6.3	8.0	7.3	5.2	3.0	4.5	6.1
A05-329	8.7	6.3	9.0	7.7	4.0	3.7	6.0	6.1
A05-999	9.0	5.0	8.3	6.3	3.8	2.0	7.0	6.0
RUBIX (4S2W)	9.0	5.7	9.0	6.7	4.2	3.3	5.5	5.9
RUSH	9.0	5.7	8.0	8.3	4.5	3.7	3.5	5.9
AKB 2555	9.0	7.3	8.7	7.7	3.8	4.7	4.3	5.8
RAD-849	8.7	6.0	7.0	6.0	3.8	2.7	5.8	5.8
PST-K9-97	7.7	5.7	9.0	6.0	5.7	2.7	4.3	5.8
BAR 12PP 612	9.0	6.7	7.0	6.7	4.2	5.0	3.8	5.7
BAR PP 119327	6.3	4.7	4.0	8.0	4.5	3.7	5.5	5.4
PST-K9-99	8.0	5.3	6.0	8.0	5.0	3.7	3.7	5.3
PICK TD9	8.7	7.3	8.3	2.7	1.8	4.3	4.0	4.9
PST-K9-90	8.7	4.3	9.0	6.0	2.7	2.3	4.3	4.9
BLACKJACK	8.7	6.3	8.0	4.3	1.7	2.0	4.2	4.8
LSD VALUE	1.2	2.5	2.2	2.7	1.7	2.4	2.9	1.6
C.V. (%)	8.8	23.5	16.4	22.2	21.1	28.6	27.1	21.3

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 51.

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

NAME	CROWN RUST RATINGS 1-9; 9=NO DISEASE			NAME	2/ 3/		
	OK1	WI1	MEAN		OK1	WI1	MEAN
A05-999	8.7	7.0	7.8	BARON	7.3	6.0	6.7
BARVETTE HGT (BAR VV 0709)	8.3	7.0	7.7	A04-36	6.7	6.3	6.5
BAR VV 112916	7.3	8.0	7.7	BLUE NOTE	6.0	7.0	6.5
BOLT (H99-1653)	8.7	6.7	7.7	EMPIRE	8.0	5.0	6.5
KEENELAND (A04-342)	8.7	6.7	7.7	PICK TD8	7.3	5.7	6.5
SRX 4338	8.7	6.7	7.7	SRX 2758	7.0	6.0	6.5
BAR PP 110358	9.0	6.0	7.5	WATERWORKS (A05-204)	8.0	5.0	6.5
PST-K9-90	8.5	6.3	7.4	PICK 033	7.7	5.0	6.3
A05-360	9.0	5.7	7.3	SR 2150 (SRX 5321)	6.7	6.0	6.3
AMERICA	9.0	5.7	7.3	ZINGER (A05-306)	6.0	6.7	6.3
KENBLUE	6.7	8.0	7.3	CABERNET	7.0	5.3	6.2
SRX 466	9.0	5.7	7.3	DAUNTLESS (A05-315)	6.0	6.3	6.2
PICK MP07	8.5	6.0	7.3	J-1136	6.3	6.0	6.2
BURL 3-51	8.3	6.0	7.2	PST-K9-99	7.3	5.0	6.2
ENDURANCE (PST-K4-7)	8.7	5.7	7.2	3733	7.0	5.0	6.0
MERLOT (LTP-08-6)	8.7	5.7	7.2	A04-38	5.7	6.3	6.0
OASIS (A98-344)	9.0	5.3	7.2	AKB 2555	6.7	5.3	6.0
A05-TB-382	8.3	5.7	7.0	LEGEND (A10-1)	6.7	5.3	6.0
A06-26	8.3	5.7	7.0	SHAMROCK	6.0	6.0	6.0
A98-363	8.3	5.7	7.0	SKYE	6.0	6.0	6.0
AVID	8.7	5.3	7.0	ZEDOR (PPH 9131)	6.3	5.7	6.0
BAR 12PP 612	8.3	5.7	7.0	BLACKJACK	5.5	6.3	5.9
BLUE COAT (AKB 2282)	8.7	5.3	7.0	A00-2882	5.7	6.0	5.8
BURL 06-11	8.3	5.7	7.0	RUSH	5.7	6.0	5.8
JACKRABBIT (PST-K10-106D)	8.0	6.0	7.0	A00-4199	4.3	7.0	5.7
PICK 4340	7.7	6.3	7.0	BLUEBANK (A03-1017)	5.3	6.0	5.7
PICK TD9	8.0	6.0	7.0	RAD-1492	5.0	6.3	5.7
PST-K4-3	7.3	6.7	7.0	A06-47	5.0	6.0	5.5
RAD-849	8.0	6.0	7.0	J-1853	5.0	6.0	5.5
RUBIX (4S2W)	7.3	6.7	7.0	AWARD	5.7	5.0	5.3
ARAMINTHA (PP 10847)	7.7	6.0	6.8	J-1770	4.7	6.0	5.3
BAR PP 119327	8.3	5.3	6.8	THERMAL BLUE	5.0	5.7	5.3
BAR VV 118532	7.7	6.0	6.8	A01-1106	4.7	5.7	5.2
BARDUKE	8.0	5.7	6.8	A05-329	6.0	4.3	5.2
LUNAR (PST-07-261)	7.7	6.0	6.8	PST-K9-97	4.3	6.0	5.2
MAZAMA (A04-74)	8.3	5.3	6.8	ARROWHEAD	3.7	6.3	5.0
PST-T10-18	7.7	6.0	6.8	BAR PP 119326	4.7	5.3	5.0
RAD-507	8.3	5.3	6.8	MIDNIGHT	3.7	5.7	4.7
A06-46	7.3	6.3	6.8	SUDDEN IMPACT	3.7	5.7	4.7
NU CHICAGO	7.3	6.3	6.8				
GEISHA (DPPP818)	7.7	5.7	6.7	LSD VALUE	2.2	0.8	1.5
A05-361	7.3	6.0	6.7	C.V. (%)	18.8	8.6	13.7
BAR 8PP 504	8.0	5.3	6.7				

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

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

3/ CROWN RUST RATED AT "OK1" 2015, AND AT "WI1" IN 2012.

TABLE 52. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	OK1	NAME	OK1
SRX 4338	7.5	3733	6.0
A05-TB-382	7.3	A00-4199	6.0
MIDNIGHT	7.3	A04-36	6.0
RAD-1492	7.3	A05-329	6.0
SRX 466	7.3	AKB 2555	6.0
A06-46	7.0	AMERICA	6.0
A06-47	7.0	ARAMINTHA (PP 10847)	6.0
BLUEBANK (A03-1017)	7.0	BAR 8PP 504	6.0
KEENELAND (A04-342)	7.0	BAR PP 119327	6.0
MERLOT (LTP-08-6)	7.0	BAR VV 112916	6.0
NU CHICAGO	7.0	BAR VV 118532	6.0
AWARD	6.7	BARDUKE	6.0
BLUE NOTE	6.7	BARON	6.0
BURL 3-51	6.7	BLACKJACK	6.0
J-1136	6.7	DAUNTLESS (A05-315)	6.0
J-1770	6.7	EMPIRE	6.0
J-1853	6.7	ENDURANCE (PST-K4-7)	6.0
LUNAR (PST-07-261)	6.7	GEISHA (DPPP818)	6.0
MAZAMA (A04-74)	6.7	JACKRABBIT (PST-K10-106D)	6.0
OASIS (A98-344)	6.7	PICK MP07	6.0
PICK 033	6.7	PST-K9-90	6.0
PICK 4340	6.7	PST-K9-97	6.0
RAD-849	6.7	RAD-507	6.0
RUSH	6.7	RUBIX (4S2W)	6.0
SKYE	6.7	ZINGER (A05-306)	6.0
SUDDEN IMPACT	6.7	BAR PP 110358	5.7
WATERWORKS (A05-204)	6.7	BAR PP 119326	5.7
BAR 12PP 612	6.5	BARVETTE HGT (BAR VV 0709)	5.7
BURL 06-11	6.5	PST-T10-18	5.7
PICK TD9	6.5	THERMAL BLUE	5.7
PST-K4-3	6.5	ZEDOR (PPH 9131)	5.7
A01-1106	6.3	A00-2882	5.5
A04-38	6.3	A98-363	5.5
A05-361	6.3	LEGEND (A10-1)	5.5
A05-999	6.3	ARROWHEAD	5.3
A06-26	6.3	BOLT (H99-1653)	5.3
AVID	6.3	KENBLUE	5.3
BLUE COAT (AKB 2282)	6.3	A05-360	5.0
CABERNET	6.3	PST-K9-99	5.0
PICK TD8	6.3		
SHAMROCK	6.3	LSD VALUE	1.1
SR 2150 (SRX 5321)	6.3	C.V. (%)	10.4
SRX 2758	6.3		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR (SEPTEMBER) RATED IN 2015 ONLY.

TABLE 53. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	OK1	NAME	OK1
BURL 3-51	7.0	PICK 033	6.0
AWARD	6.7	PICK 4340	6.0
JACKRABBIT (PST-K10-106D)	6.7	PICK TD8	6.0
MIDNIGHT	6.7	PICK TD9	6.0
AVID	6.3	PST-K4-3	6.0
ENDURANCE (PST-K4-7)	6.3	PST-K9-90	6.0
MAZAMA (A04-74)	6.3	PST-T10-18	6.0
RAD-1492	6.3	RAD-507	6.0
RAD-849	6.3	SKYE	6.0
SRX 466	6.3	SR 2150 (SRX 5321)	6.0
3733	6.0	SRX 2758	6.0
A01-1106	6.0	SRX 4338	6.0
A04-36	6.0	SUDDEN IMPACT	6.0
A05-329	6.0	THERMAL BLUE	6.0
A05-361	6.0	WATERWORKS (A05-204)	6.0
A05-999	6.0	ZINGER (A05-306)	6.0
A05-TB-382	6.0	A00-2882	5.7
A06-26	6.0	A04-38	5.7
A06-46	6.0	A98-363	5.7
A06-47	6.0	ARAMINTHA (PP 10847)	5.7
AKB 2555	6.0	BAR 12PP 612	5.7
AMERICA	6.0	BAR PP 119327	5.7
ARROWHEAD	6.0	BAR VV 118532	5.7
BARDUKE	6.0	CABERNET	5.7
BARON	6.0	GEISHA (DPPP818)	5.7
BARVETTE HGT (BAR VV 0709)	6.0	PST-K9-97	5.7
BLACKJACK	6.0	SHAMROCK	5.7
BLUE COAT (AKB 2282)	6.0	ZEDOR (PPH 9131)	5.7
BLUE NOTE	6.0	PST-K9-99	5.5
BLUEBANK (A03-1017)	6.0	A00-4199	5.3
BOLT (H99-1653)	6.0	A05-360	5.3
BURL 06-11	6.0	BAR 8PP 504	5.3
DAUNTLESS (A05-315)	6.0	BAR PP 119326	5.3
EMPIRE	6.0	RUBIX (4S2W)	5.3
J-1136	6.0	BAR PP 110358	5.0
J-1770	6.0	BAR VV 112916	5.0
J-1853	6.0	KENBLUE	5.0
KEENELAND (A04-342)	6.0	PICK MP07	5.0
LEGEND (A10-1)	6.0	RUSH	5.0
LUNAR (PST-07-261)	6.0		
MERLOT (LTP-08-6)	6.0	LSD VALUE	0.6
NU CHICAGO	6.0	C.V. (%)	6.3
OASIS (A98-344)	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.

3/ FALL COLOR (OCTOBER) RATED IN 2014 ONLY.

TABLE 54.

FALL COLOR (DECEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	MD1	OK1	MEAN	NAME	MD1	OK1	MEAN
A00-2882	6.3	6.7	6.5	DAUNTLESS (A05-315)	4.7	6.3	5.5
AWARD	6.7	6.0	6.3	RUBIX (4S2W)	5.7	5.3	5.5
MAZAMA (A04-74)	6.7	6.0	6.3	SHAMROCK	5.0	6.0	5.5
NU CHICAGO	6.0	6.7	6.3	ZINGER (A05-306)	5.0	6.0	5.5
J-1136	6.3	6.3	6.3	A05-360	5.0	5.7	5.3
AVID	6.0	6.5	6.3	A06-26	4.7	6.0	5.3
A01-1106	6.0	6.3	6.2	AKB 2555	5.0	5.7	5.3
BAR 12PP 612	6.3	6.0	6.2	BAR 8PP 504	4.7	6.0	5.3
BLUE COAT (AKB 2282)	6.0	6.3	6.2	BAR VV 118532	5.0	5.7	5.3
BURL 3-51	6.0	6.3	6.2	RAD-849	4.7	6.0	5.3
J-1853	6.0	6.3	6.2	A98-363	4.3	6.3	5.3
SUDDEN IMPACT	6.0	6.3	6.2	A05-999	4.3	6.0	5.2
WATERWORKS (A05-204)	6.0	6.3	6.2	AMERICA	4.3	6.0	5.2
A05-329	6.3	5.7	6.0	ARROWHEAD	4.3	6.0	5.2
A05-361	6.0	6.0	6.0	BOLT (H99-1653)	4.3	6.0	5.2
BLUEBANK (A03-1017)	6.0	6.0	6.0	BURL 06-11	4.3	6.0	5.2
J-1770	6.0	6.0	6.0	PICK MP07	4.3	6.0	5.2
LEGEND (A10-1)	6.0	6.0	6.0	PICK TD9	4.3	6.0	5.2
MIDNIGHT	6.0	6.0	6.0	RAD-507	4.0	6.3	5.2
PICK 4340	5.0	7.0	6.0	SKYE	4.3	6.0	5.2
PST-K9-97	6.0	6.0	6.0	SRX 2758	4.0	6.3	5.2
A04-38	5.7	6.0	5.8	PST-K9-99	4.0	6.0	5.0
A05-TB-382	5.7	6.0	5.8	PST-T10-18	4.0	6.0	5.0
LUNAR (PST-07-261)	5.7	6.0	5.8	BAR PP 119327	4.0	5.7	4.8
RAD-1492	4.7	7.0	5.8	CABERNET	4.0	5.7	4.8
RUSH	5.7	6.0	5.8	BLACKJACK	3.7	6.0	4.8
SRX 466	5.0	6.7	5.8	JACKRABBIT (PST-K10-106D)	3.7	6.0	4.8
BARVETTE HGT (BAR VV 0709)	5.3	6.3	5.8	PST-K9-90	3.7	6.0	4.8
3733	5.7	5.7	5.7	ZEDOR (PPH 9131)	4.3	5.3	4.8
MERLOT (LTP-08-6)	4.7	6.7	5.7	A00-4199	4.0	5.3	4.7
OASIS (A98-344)	4.7	6.7	5.7	PST-K4-3	3.7	5.5	4.6
SRX 4338	4.7	6.7	5.7	ARAMINTHA (PP 10847)	3.7	5.3	4.5
A06-46	5.0	6.3	5.7	GEISHA (DPPP818)	3.0	6.0	4.5
A06-47	5.0	6.3	5.7	KENBLUE	3.0	6.0	4.5
EMPIRE	5.3	6.0	5.7	BAR VV 112916	3.0	5.7	4.3
ENDURANCE (PST-K4-7)	5.0	6.3	5.7	THERMAL BLUE	3.0	5.7	4.3
KEENELAND (A04-342)	5.0	6.3	5.7	BARDUKE	2.7	6.0	4.3
PICK 033	5.3	6.0	5.7	BARON	2.3	6.0	4.2
PICK TD8	5.0	6.3	5.7	BAR PP 119326	3.0	5.0	4.0
SR 2150 (SRX 5321)	5.0	6.3	5.7				
A04-36	5.0	6.0	5.5	LSD VALUE	1.0	0.7	0.8
BAR PP 110358	5.3	5.7	5.5	C.V. (%)	12.1	6.7	9.4
BLUE NOTE	5.0	6.0	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.

3/ FALL COLOR (DECEMBER) RATED AT "MD1" IN 2012 AND AT "OK1" IN 2014.

TABLE 55.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE				NAME	2/ 3/			
	IN1	MD1	NJ1	MEAN		IN1	MD1	NJ1	MEAN
BARVETTE HGT (BAR VV 0709)	8.2	8.7	9.0	8.4	BURL 3-51	7.5	8.7	6.0	6.5
PST-T10-18	8.5	8.3	8.5	8.3	RAD-1492	7.0	7.7	6.8	6.4
BLUEBANK (A03-1017)	8.2	8.7	8.7	8.3	A00-2882	6.5	7.7	6.7	6.4
BOLT (H99-1653)	8.0	8.3	8.8	8.2	AVID	7.3	8.3	5.0	6.4
KENBLUE	7.8	9.0	8.8	8.2	SKYE	6.5	7.7	6.5	6.4
J-1136	7.8	8.7	8.7	8.1	SR 2150 (SRX 5321)	5.7	6.7	6.5	6.4
A05-360	8.2	8.3	8.3	8.1	JACKRABBIT (PST-K10-106D)	6.2	7.3	6.8	6.2
BAR VV 112916	8.0	8.7	8.5	8.0	BLACKJACK	5.5	7.0	7.5	6.2
J-1770	7.5	8.7	8.8	8.0	BAR PP 119326	7.2	7.7	5.7	6.1
NU CHICAGO	7.7	8.7	8.7	8.0	BAR 12PP 612	5.3	5.7	6.5	6.1
SRX 2758	7.8	8.7	8.2	7.9	RAD-507	6.0	7.3	5.7	6.1
J-1853	7.8	8.7	8.3	7.9	MAZAMA (A04-74)	7.2	8.7	5.0	6.0
SRX 466	7.8	8.3	8.2	7.8	A05-TB-382	5.8	7.0	5.8	5.7
MIDNIGHT	7.7	8.7	8.2	7.8	A06-26	6.0	7.3	5.0	5.6
CABERNET	8.0	7.7	7.7	7.7	BURL 06-11	6.5	8.0	4.5	5.6
SUDDEN IMPACT	7.8	9.0	7.7	7.7	LEGEND (A10-1)	6.2	8.0	4.3	5.6
A00-4199	7.3	8.7	7.5	7.7	ENDURANCE (PST-K4-7)	5.3	7.7	4.7	5.4
PST-K4-3	7.2	8.3	8.5	7.7	BLUE COAT (AKB 2282)	4.7	5.3	5.7	5.3
A05-361	7.3	8.3	8.3	7.6	ZEDOR (PPH 9131)	6.3	7.7	4.8	5.3
BAR PP 110358	7.3	7.3	8.0	7.6	ZINGER (A05-306)	6.2	7.7	5.2	5.3
EMPIRE	7.7	8.3	7.5	7.6	PICK TD8	5.5	6.7	4.5	5.2
PICK 033	7.3	8.3	7.8	7.6	LUNAR (PST-07-261)	4.5	6.3	5.3	5.0
A05-999	6.7	8.0	8.0	7.5	A04-36	5.3	7.3	4.5	5.0
RUBIX (4S2W)	7.7	8.3	7.0	7.4	A04-38	5.3	6.3	5.5	5.0
RUSH	7.2	9.0	7.5	7.4	ARROWHEAD	5.5	6.7	4.0	4.8
PST-K9-90	6.8	8.3	8.3	7.3	SHAMROCK	5.2	6.7	4.7	4.8
SRX 4338	6.2	8.7	7.7	7.3	3733	4.3	4.3	4.7	4.7
RAD-849	7.2	8.3	8.0	7.3	A05-329	4.3	7.7	4.5	4.7
A01-1106	6.8	8.0	8.0	7.1	AMERICA	5.2	7.0	3.7	4.7
ARAMINTHA (PP 10847)	6.3	8.0	7.8	7.0	GEISHA (DPPP818)	5.7	7.7	3.0	4.6
BLUE NOTE	7.5	8.3	6.2	6.9	MERLOT (LTP-08-6)	5.5	7.0	3.2	4.5
KEENELAND (A04-342)	6.8	8.3	6.8	6.9	BAR VV 118532	5.2	6.0	4.3	4.4
A06-47	6.2	8.0	7.5	6.9	BAR PP 119327	5.5	6.7	3.5	4.4
BAR 8PP 504	6.8	8.0	7.5	6.8	AKB 2555	3.7	4.0	4.3	4.2
AWARD	6.5	8.7	6.8	6.7	BARDUKE	5.7	7.0	2.5	4.2
A06-46	7.3	8.0	6.2	6.7	OASIS (A98-344)	4.5	6.7	3.2	4.2
PICK TD9	7.2	8.0	6.7	6.7	PST-K9-99	4.5	6.3	3.7	4.1
DAUNTLESS (A05-315)	6.8	7.7	7.2	6.6	BARON	5.5	7.0	2.2	4.0
A98-363	6.7	7.0	6.2	6.6	WATERWORKS (A05-204)	2.3	4.7	1.5	2.2
PICK MP07	6.8	7.7	6.7	6.6					
THERMAL BLUE	7.2	8.0	6.8	6.6	LSD VALUE	1.4	0.9	1.8	1.2
PICK 4340	6.3	8.3	6.5	6.5	C.V. (%)	12.9	7.2	17.2	13.5
PST-K9-97	5.7	8.0	7.3	6.5					

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

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

3/ SEEDHEAD RATED AT "IN1" IN 2013 & 2016, AT "MD1" IN 2013, AND AT "NJ1" IN 2013-14.

TABLE 56.

POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

		POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/	
NAME	OK1	NAME	OK1
A06-47	9.0	KEENELAND (A04-342)	8.7
AMERICA	9.0	PICK 033	8.7
ARAMINTHA (PP 10847)	9.0	PST-K9-99	8.7
AVID	9.0	ZEDOR (PPH 9131)	8.7
BAR 12PP 612	9.0	A05-329	8.3
BAR 8PP 504	9.0	A98-363	8.3
BAR PP 110358	9.0	EMPIRE	8.3
BAR VV 118532	9.0	PST-K9-90	8.3
BARVETTE HGT (BAR VV 0709)	9.0	SHAMROCK	8.3
BLUEBANK (A03-1017)	9.0	THERMAL BLUE	8.3
BOLT (H99-1653)	9.0	ENDURANCE (PST-K4-7)	8.0
BURL 06-11	9.0	SUDDEN IMPACT	8.0
BURL 3-51	9.0	A00-2882	7.7
CABERNET	9.0	A04-36	7.7
GEISHA (DPPP818)	9.0	A06-26	7.7
J-1136	9.0	MAZAMA (A04-74)	7.7
J-1770	9.0	OASIS (A98-344)	7.7
J-1853	9.0	PICK MP07	7.7
JACKRABBIT (PST-K10-106D)	9.0	PICK TD8	7.7
KENBLUE	9.0	RAD-1492	7.7
LUNAR (PST-07-261)	9.0	ARROWHEAD	7.3
MERLOT (LTP-08-6)	9.0	BAR VV 112916	7.3
MIDNIGHT	9.0	BARDUKE	7.3
NU CHICAGO	9.0	PST-K4-3	7.3
PICK 4340	9.0	PST-K9-97	7.3
PST-T10-18	9.0	WATERWORKS (A05-204)	7.3
RAD-507	9.0	3733	7.0
SKYE	9.0	A05-361	7.0
SR 2150 (SRX 5321)	9.0	BARON	7.0
SRX 2758	9.0	BLUE COAT (AKB 2282)	7.0
SRX 4338	9.0	PICK TD9	7.0
SRX 466	9.0	RAD-849	7.0
A00-4199	8.7	AKB 2555	6.7
A01-1106	8.7	RUBIX (4S2W)	6.7
A04-38	8.7	LEGEND (A10-1)	6.0
A05-360	8.7	ZINGER (A05-306)	6.0
A05-TB-382	8.7	BLACKJACK	5.7
A06-46	8.7	RUSH	5.3
AWARD	8.7	A05-999	4.7
BAR PP 119326	8.7		
BAR PP 119327	8.7	LSD VALUE	1.8
BLUE NOTE	8.7	C.V. (%)	13.8
DAUNTLESS (A05-315)	8.7		

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

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

3/ POA ANNUA RATED IN 2015 ONLY.

TABLE 57.

MOWING QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/

NAME	NJ2	NAME	NJ2
A05-360	8.6	A98-363	6.1
BLUE NOTE	8.3	NU CHICAGO	6.1
A06-46	8.2	BURL 06-11	6.0
BARVETTE HGT (BAR VV 0709)	8.2	ZINGER (A05-306)	6.0
PST-K9-90	8.2	A04-36	5.9
BOLT (H99-1653)	8.1	SKYE	5.9
JACKRABBIT (PST-K10-106D)	8.1	SUDDEN IMPACT	5.9
PST-T10-18	8.1	AWARD	5.8
BAR 8PP 504	8.0	J-1770	5.8
BAR PP 110358	7.9	A00-4199	5.7
SRX 2758	7.9	A06-47	5.7
RUBIX (4S2W)	7.8	MAZAMA (A04-74)	5.7
SRX 466	7.8	EMPIRE	5.6
A05-361	7.7	A06-26	5.4
PICK 033	7.7	A05-TB-382	5.2
RAD-849	7.7	LEGEND (A10-1)	5.1
A01-1106	7.4	BURL 3-51	5.0
ARROWHEAD	7.4	PICK MP07	5.0
KEENELAND (A04-342)	7.2	AVID	4.9
A00-2882	7.2	ZEDOR (PPH 9131)	4.9
J-1136	7.1	OASIS (A98-344)	4.8
A05-999	7.0	BAR PP 119327	4.4
KENBLUE	7.0	BLUE COAT (AKB 2282)	4.4
PICK TD9	7.0	PICK TD8	4.4
PST-K4-3	7.0	BAR VV 118532	4.3
SR 2150 (SRX 5321)	7.0	BLACKJACK	4.1
BAR VV 112916	6.9	LUNAR (PST-07-261)	4.1
SRX 4338	6.8	PST-K9-99	4.1
THERMAL BLUE	6.8	SHAMROCK	4.1
DAUNTLESS (A05-315)	6.8	RAD-507	3.9
ARAMINTHA (PP 10847)	6.6	AKB 2555	3.9
BLUEBANK (A03-1017)	6.6	ENDURANCE (PST-K4-7)	3.7
PICK 4340	6.6	3733	3.6
MERLOT (LTP-08-6)	6.3	BARDUKE	3.6
MIDNIGHT	6.3	A05-329	3.6
PST-K9-97	6.3	AMERICA	3.6
RUSH	6.3	GEISHA (DPPP818)	3.2
BAR 12PP 612	6.2	BARON	3.2
BAR PP 119326	6.2	WATERWORKS (A05-204)	2.6
J-1853	6.2		
RAD-1492	6.2	LSD VALUE	1.6
CABERNET	6.1	C.V. (%)	16.7
A04-38	6.1		

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

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

3/ MOWING QUALITY RATED IN 2013-14.

TABLE 58.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2011 DATA 2/

NAME	IL1	TN1	VA1	MEAN	NAME	IL1	TN1	VA1	MEAN
BOLT (H99-1653)	63.3	53.0	93.0	69.8	DAUNTLESS (A05-315)	46.7	49.0	70.0	55.2
A04-38	56.7	60.0	88.3	68.3	ENDURANCE (PST-K4-7)	40.0	50.0	75.0	55.0
BAR VV 118532	66.7	61.7	76.7	68.3	J-1853	46.7	49.3	68.3	54.8
ARAMINTHA (PP 10847)	63.3	62.3	73.3	66.3	PST-K4-3	53.3	47.0	63.3	54.6
A05-360	50.0	58.3	88.0	65.4	PICK TD9	50.0	43.3	70.0	54.4
GEISHA (DPPP818)	53.3	49.0	85.0	62.4	SRX 4338	40.0	48.0	75.0	54.3
A06-26	56.7	58.7	70.0	61.8	LUNAR (PST-07-261)	60.0	55.7	46.7	54.1
BLACKJACK	50.0	63.3	71.7	61.7	A98-363	50.0	46.3	65.0	53.8
BLUE NOTE	60.0	45.0	80.0	61.7	BARON	43.3	47.3	70.0	53.6
KENBLUE	60.0	48.3	76.7	61.7	PST-K9-99	53.3	55.0	51.7	53.3
BARVETTE HGT (BAR VV 0709)	50.0	54.7	80.0	61.6	AVID	43.3	53.3	61.7	52.8
A06-46	56.7	50.7	75.0	60.8	WATERWORKS (A05-204)	50.0	49.7	56.7	52.1
A00-2882	50.0	48.3	83.3	60.6	BLUEBANK (A03-1017)	43.3	51.0	61.7	52.0
BAR PP 110358	63.3	48.3	70.0	60.6	BAR PP 119327	50.0	45.7	60.0	51.9
J-1770	53.3	48.3	80.0	60.6	RAD-849	36.7	61.7	56.7	51.7
BAR 8PP 504	50.0	56.7	75.0	60.6	ZEDOR (PPH 9131)	46.7	48.3	60.0	51.7
PICK TD8	50.0	63.0	68.3	60.4	SKYE	46.7	46.7	60.0	51.1
A00-4199	56.7	54.0	70.0	60.2	BAR PP 119326	26.7	56.7	68.3	50.6
JACKRABBIT (PST-K10-106D)	56.7	46.7	76.7	60.0	BURL 3-51	46.7	48.3	56.7	50.6
A01-1106	56.7	45.7	76.7	59.7	RAD-507	36.7	45.0	70.0	50.6
A05-361	46.7	57.3	75.0	59.7	A05-TB-382	50.0	50.0	50.0	50.0
AMERICA	43.3	59.0	76.7	59.7	PICK 033	50.0	50.0	50.0	50.0
OASIS (A98-344)	63.3	50.0	65.0	59.4	ARROWHEAD	46.7	48.3	53.3	49.4
BAR VV 112916	46.7	58.3	73.3	59.4	SUDDEN IMPACT	43.3	42.7	61.7	49.2
THERMAL BLUE	56.7	58.0	63.3	59.3	PICK MP07	36.7	56.7	53.3	48.9
BARDUKE	53.3	48.7	75.0	59.0	A05-999	50.0	47.3	48.3	48.6
MIDNIGHT	46.7	53.3	76.7	58.9	PST-K9-90	40.0	53.0	51.7	48.2
PICK 4340	53.3	54.0	68.3	58.6	SR 2150 (SRX 5321)	30.0	51.7	61.7	47.8
J-1136	50.0	48.3	76.7	58.3	A05-329	43.3	47.3	51.7	47.4
SHAMROCK	53.3	49.3	71.7	58.1	PST-K9-97	40.0	44.0	58.3	47.4
BAR 12PP 612	50.0	55.7	68.3	58.0	BLUE COAT (AKB 2282)	26.7	55.0	60.0	47.2
LEGEND (A10-1)	46.7	52.3	75.0	58.0	EMPIRE	36.7	43.3	56.7	45.6
SRX 466	43.3	52.3	78.3	58.0	3733	33.3	51.7	50.0	45.0
NU CHICAGO	53.3	45.0	75.0	57.8	A06-47	40.0	45.0	50.0	45.0
RUSH	50.0	51.7	71.7	57.8	RUBIX (4S2W)	33.3	44.0	56.7	44.7
A04-36	40.0	51.7	78.3	56.7	RAD-1492	40.0	42.3	48.3	43.6
MERLOT (LTP-08-6)	43.3	50.7	75.0	56.3	AKB 2555	33.3	41.7	48.3	41.1
ZINGER (A05-306)	50.0	59.0	60.0	56.3	CABERNET	33.3	26.7	48.3	36.1
KEENELAND (A04-342)	43.3	55.3	70.0	56.2	AWARD	23.3	8.0	48.3	26.6
BURL 06-11	50.0	50.0	68.3	56.1					
PST-T10-18	50.0	45.0	71.7	55.6	LSD VALUE	17.3	10.7	22.7	10.2
MAZAMA (A04-74)	46.7	46.0	73.3	55.3	C.V. (%)	22.7	13.3	21.1	20.0
SRX 2758	50.0	44.0	71.7	55.2					

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 59. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

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

NAME	IA1	IL1	KS1	MN1	NJ2	UT1	WA1	MEAN
SRX 4338	7.2	7.3	8.7	6.5	7.3	7.1	7.7	7.2
PICK 4340	6.7	6.3	8.7	6.3	7.1	7.4	8.5	7.0
ARROWHEAD	7.0	6.0	8.0	6.8	7.7	6.3	7.2	6.9
BARVETTE HGT (BAR VV 0709)	6.9	7.3	7.3	7.2	7.6	5.9	7.0	6.8
SKYE	6.9	6.7	7.3	6.3	7.7	6.1	7.3	6.8
KEENELAND (A04-342)	6.3	7.0	7.0	6.3	6.7	7.6	8.0	6.7
J-1770	7.1	6.3	6.0	6.2	7.3	6.4	6.7	6.7
J-1136	7.0	6.7	6.7	5.3	7.7	6.9	7.2	6.7
BOLT (H99-1653)	6.4	6.3	8.7	7.0	7.2	6.1	7.3	6.7
BAR PP 110358	6.2	6.0	8.0	6.2	8.2	5.6	7.8	6.7
BLUEBANK (A03-1017)	6.4	7.3	8.0	6.3	7.8	6.1	6.8	6.6
RUSH	7.4	5.7	7.0	6.8	6.3	6.7	7.2	6.6
A05-360	7.0	6.7	7.0	6.0	6.8	6.3	7.7	6.6
BLUE NOTE	6.4	7.0	8.3	7.2	7.7	5.6	7.8	6.6
BAR 8PP 504	6.8	6.3	5.7	6.2	7.1	5.7	7.2	6.6
ENDURANCE (PST-K4-7)	6.4	7.0	7.7	6.7	5.9	6.8	7.8	6.5
SRX 2758	6.6	6.0	7.7	5.8	7.3	6.2	7.2	6.5
A06-46	6.3	6.0	8.0	6.2	7.1	6.1	7.8	6.5
LEGEND (A10-1)	6.8	6.7	6.0	6.3	6.9	5.8	7.0	6.5
MIDNIGHT	6.9	5.3	6.7	6.0	6.9	6.4	7.2	6.4
NU CHICAGO	6.8	7.3	7.3	5.3	6.8	6.3	7.3	6.4
BLUE COAT (AKB 2282)	6.0	6.7	7.0	7.3	6.3	6.2	7.5	6.4
J-1853	6.3	7.7	7.7	6.3	7.6	5.8	6.5	6.4
MAZAMA (A04-74)	6.9	7.3	5.3	5.2	6.2	7.0	6.7	6.4
BAR VV 118532	6.8	7.0	6.3	7.0	4.9	5.9	7.3	6.4
A00-4199	6.9	5.3	6.7	5.5	5.9	6.7	7.8	6.4
A00-2882	6.6	4.7	7.7	5.5	5.8	7.2	7.7	6.4
RUBIX (4S2W)	6.2	5.3	8.3	6.3	7.4	6.0	7.7	6.4
PST-T10-18	6.3	5.0	7.7	7.0	6.8	5.7	6.7	6.4
BURL 06-11	6.3	7.3	6.3	6.8	5.9	6.3	7.8	6.3
A05-361	6.2	6.0	5.7	5.7	7.7	6.0	7.8	6.3
DAUNTLESS (A05-315)	6.1	7.7	7.7	7.0	6.7	5.7	7.0	6.3
OASIS (A98-344)	6.8	7.0	5.7	5.3	5.8	6.0	7.5	6.3
SRX 466	6.9	5.3	7.0	5.3	6.0	6.7	7.3	6.3
CABERNET	6.8	5.7	8.0	6.5	6.0	5.8	6.8	6.3
A01-1106	6.9	5.3	7.3	4.7	5.9	7.2	7.3	6.3
PST-K9-90	6.6	5.0	4.7	6.8	6.6	5.1	6.7	6.3
ARAMINTHA (PP 10847)	6.1	6.3	8.7	6.3	6.8	5.4	7.5	6.3
SUDDEN IMPACT	7.1	7.0	6.3	5.8	7.1	6.1	5.3	6.2
AWARD	6.7	5.7	7.0	6.2	5.8	5.8	6.5	6.2
MERLOT (LTP-08-6)	6.7	7.3	6.3	6.0	6.2	4.9	7.8	6.2
THERMAL BLUE	6.6	5.7	6.7	7.3	5.9	5.9	6.3	6.2
BURL 3-51	6.4	6.7	6.0	6.3	5.3	6.4	7.5	6.2
RAD-849	6.4	7.0	5.3	5.3	6.2	5.7	8.2	6.2
A04-36	6.3	6.7	5.3	6.2	6.6	6.0	7.2	6.2
A04-38	6.2	7.0	6.0	6.0	6.4	5.6	7.5	6.2

TABLE 59. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012-16 DATA

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

NAME	IA1	IL1	KS1	MN1	NJ2	UT1	WA1	MEAN
PICK TD8	6.4	7.7	7.3	5.8	6.0	6.6	6.2	6.2
ZINGER (A05-306)	6.0	6.3	5.3	6.3	6.1	5.7	7.5	6.1
PICK TD9	6.2	5.3	5.0	6.8	6.8	6.2	6.5	6.1
A06-47	6.2	5.7	6.0	5.7	5.8	6.3	7.3	6.1
AMERICA	6.7	5.7	6.7	6.2	4.8	6.0	7.3	6.1
BAR PP 119326	6.7	6.3	6.7	6.3	4.8	5.1	7.0	6.1
PICK MP07	6.3	4.0	7.7	6.0	5.6	5.8	7.8	6.0
SHAMROCK	6.7	6.3	6.7	5.7	4.8	5.6	7.5	6.0
BAR 12PP 612	6.3	5.3	6.0	4.8	5.9	7.1	7.3	6.0
ZEDOR (PPH 9131)	6.2	6.7	6.0	5.2	5.7	6.6	7.2	6.0
SR 2150 (SRX 5321)	6.2	7.3	5.7	6.7	6.0	6.1	6.8	6.0
EMPIRE	6.8	5.7	5.3	5.8	5.9	5.9	6.7	6.0
BAR VV 112916	6.7	5.3	6.7	6.3	6.6	4.2	7.2	6.0
A06-26	5.9	7.0	5.3	5.7	6.2	5.8	7.7	6.0
A05-TB-382	6.4	6.7	6.3	5.8	5.4	5.8	6.2	6.0
A05-999	6.6	5.7	5.0	6.0	6.2	5.3	6.7	5.9
LUNAR (PST-07-261)	6.2	6.3	6.0	5.8	5.6	6.2	6.3	5.9
PICK 033	6.2	6.3	8.0	3.7	6.6	6.2	6.8	5.9
RAD-507	6.2	6.3	8.7	5.8	4.0	6.2	6.7	5.9
PST-K9-99	6.2	7.0	5.7	5.7	4.3	5.8	8.0	5.9
AVID	6.7	6.7	4.7	4.5	6.3	5.0	7.3	5.8
PST-K9-97	6.0	5.3	7.3	5.3	6.6	5.8	6.0	5.8
GEISHA (DPPP818)	6.4	5.7	5.3	5.7	4.6	6.2	7.3	5.8
PST-K4-3	6.4	4.7	6.3	4.5	6.2	5.6	6.3	5.8
JACKRABBIT (PST-K10-106D)	6.4	5.0	5.7	4.3	6.3	4.9	6.8	5.8
A98-363	6.2	7.0	6.7	5.3	5.1	5.2	6.7	5.8
RAD-1492	6.4	5.3	8.0	5.3	4.3	6.0	7.2	5.7
BARDUKE	6.4	6.0	7.0	4.8	4.1	5.3	7.0	5.7
WATERWORKS (A05-204)	6.0	6.7	5.3	5.2	5.4	5.4	6.7	5.6
BAR PP 119327	6.3	5.0	5.0	5.0	3.6	6.0	8.2	5.5
3733	6.3	4.7	5.3	5.3	3.3	6.1	6.3	5.5
BARON	6.0	6.3	6.7	4.7	4.1	6.0	6.5	5.5
AKB 2555	6.2	4.3	6.0	4.2	4.4	5.2	6.2	5.3
BLACKJACK	6.3	4.0	4.7	4.0	3.9	5.4	6.8	5.2
A05-329	6.0	4.3	6.7	4.0	3.7	6.4	5.8	5.2
KENBLUE	5.9	5.0	6.7	4.0	4.4	4.1	6.5	5.0
LSD VALUE	1.5	1.4	1.8	2.1	1.8	1.9	2.0	1.2
C.V. (%)	14.6	14.4	17.0	22.5	18.8	20.9	16.9	18.6

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 60. BIPOLARIS CROWN ROT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

BIPOLARIS CROWN ROT RATINGS 1-9; 9=NONE 2/ 3/

NAME	OK1	NAME	OK1
A05-TB-382	7.3	ZEDOR (PPH 9131)	4.3
BARVETTE HGT (BAR VV 0709)	7.0	3733	4.0
PICK 4340	7.0	A04-36	4.0
SKYE	6.7	A04-38	4.0
A01-1106	6.3	A98-363	4.0
KEENELAND (A04-342)	6.3	ARAMINTHA (PP 10847)	4.0
NU CHICAGO	6.3	BAR 12PP 612	4.0
SRX 466	6.0	BURL 06-11	4.0
SR 2150 (SRX 5321)	6.0	CABERNET	4.0
SUDDEN IMPACT	6.0	GEISHA (DPPP818)	4.0
J-1770	5.7	PICK TD8	4.0
J-1853	5.7	RAD-1492	4.0
LUNAR (PST-07-261)	5.7	MAZAMA (A04-74)	3.7
MERLOT (LTP-08-6)	5.7	A05-361	3.7
WATERWORKS (A05-204)	5.7	BLUE COAT (AKB 2282)	3.7
A06-46	5.3	EMPIRE	3.7
AMERICA	5.3	OASIS (A98-344)	3.7
BAR PP 110358	5.3	PST-K9-90	3.7
BLUEBANK (A03-1017)	5.3	RUBIX (4S2W)	3.7
MIDNIGHT	5.3	A05-360	3.3
PST-K4-3	5.3	A06-26	3.3
PST-K9-97	5.3	AKB 2555	3.3
SHAMROCK	5.3	BOLT (H99-1653)	3.3
SRX 2758	5.3	KENBLUE	3.3
SRX 4338	5.3	PICK 033	3.3
AVID	5.0	PST-T10-18	3.3
AWARD	5.0	ZINGER (A05-306)	3.3
J-1136	5.0	BAR PP 119326	3.0
A00-2882	4.7	BAR PP 119327	3.0
A06-47	4.7	BAR VV 112916	3.0
BAR 8PP 504	4.7	A05-999	2.7
DAUNTLESS (A05-315)	4.7	BARON	2.7
ENDURANCE (PST-K4-7)	4.7	PICK TD9	2.7
JACKRABBIT (PST-K10-106D)	4.7	RAD-849	2.7
RAD-507	4.7	A00-4199	2.3
THERMAL BLUE	4.7	BARDUKE	2.3
A05-329	4.3	LEGEND (A10-1)	2.3
ARROWHEAD	4.3	PICK MP07	2.3
BAR VV 118532	4.3	RUSH	2.3
BLACKJACK	4.3		
BLUE NOTE	4.3	LSD VALUE	2.6
BURL 3-51	4.3	C.V. (%)	37.2
PST-K9-99	4.3		

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

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

3/ BIPOLARIS CROWN ROT RATED IN 2014 ONLY.

TABLE 61. PERCENT LIVING GROUND COVER (WINTER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

PERCENT LIVING GROUND COVER IN WINTER: LOCATIONS 2/ 3/

NAME	OK1	NAME	OK1
SRX 466	99.0	BARDUKE	91.0
BARVETTE HGT (BAR VV 0709)	98.7	RAD-507	91.0
J-1770	98.7	RAD-849	91.0
SKYE	98.7	AMERICA	90.7
BLUEBANK (A03-1017)	98.3	BAR 12PP 612	90.7
J-1136	98.3	A04-36	89.7
LUNAR (PST-07-261)	98.3	3733	89.3
PICK 4340	98.3	A05-329	89.3
BAR PP 110358	98.0	A05-361	88.7
DAUNTLESS (A05-315)	98.0	ARROWHEAD	87.3
A05-TB-382	97.7	PST-K9-99	87.3
A04-38	97.3	SRX 2758	86.0
THERMAL BLUE	97.3	A00-4199	85.3
PST-T10-18	97.0	JACKRABBIT (PST-K10-106D)	84.0
ZEDOR (PPH 9131)	97.0	A06-47	83.7
A06-46	96.7	AKB 2555	82.7
ARAMINTHA (PP 10847)	96.7	GEISHA (DPPP818)	82.7
BARON	96.7	WATERWORKS (A05-204)	81.3
BLUE COAT (AKB 2282)	96.7	A98-363	80.7
BOLT (H99-1653)	96.7	PICK TD8	80.0
J-1853	96.7	A00-2882	79.7
KENBLUE	96.7	MAZAMA (A04-74)	79.3
BAR VV 118532	96.3	SUDDEN IMPACT	78.7
AWARD	96.0	BAR PP 119327	76.0
A05-360	95.3	SRX 4338	73.3
CABERNET	95.3	RUSH	72.3
SHAMROCK	95.3	A05-999	71.7
SR 2150 (SRX 5321)	95.0	A06-26	71.3
RAD-1492	94.7	KEENELAND (A04-342)	71.0
BAR 8PP 504	94.3	PICK 033	70.3
BLUE NOTE	94.3	PICK MP07	70.0
OASIS (A98-344)	93.7	BURL 06-11	67.3
BAR VV 112916	93.3	RUBIX (4S2W)	67.3
BURL 3-51	93.3	PST-K4-3	65.7
NU CHICAGO	93.3	PST-K9-90	58.0
PST-K9-97	93.0	LEGEND (A10-1)	57.7
A01-1106	92.7	AVID	56.7
ENDURANCE (PST-K4-7)	92.7	BLACKJACK	55.3
MIDNIGHT	92.7	PICK TD9	38.0
ZINGER (A05-306)	92.7		
MERLOT (LTP-08-6)	92.3	LSD VALUE	29.3
BAR PP 119326	92.0	C.V. (%)	21.0
EMPIRE	91.7		

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

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

3/ PERCENT LIVING GROUND COVER (WINTER) RATED IN 2014 ONLY.

TABLE 62. WINTER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA 2/

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ 3/

NAME	OK1	NAME	OK1
BARVETTE HGT (BAR VV 0709)	8.0	A01-1106	4.7
PICK 4340	6.7	A05-329	4.7
SRX 4338	6.7	A05-TB-382	4.7
BAR PP 110358	6.3	BAR 12PP 612	4.7
SRX 466	6.3	BAR VV 112916	4.7
SR 2150 (SRX 5321)	6.3	BARDUKE	4.7
A06-46	6.0	BLUE COAT (AKB 2282)	4.7
BLUEBANK (A03-1017)	6.0	CABERNET	4.7
BAR PP 119327	5.7	JACKRABBIT (PST-K10-106D)	4.7
BAR VV 118532	5.7	PST-K9-97	4.7
BARON	5.7	PST-T10-18	4.7
BURL 06-11	5.7	RAD-1492	4.7
J-1136	5.7	RAD-849	4.7
KEENELAND (A04-342)	5.7	THERMAL BLUE	4.7
MERLOT (LTP-08-6)	5.7	ZINGER (A05-306)	4.7
NU CHICAGO	5.7	A00-2882	4.3
SKYE	5.7	MAZAMA (A04-74)	4.3
SUDDEN IMPACT	5.7	A06-26	4.3
A04-36	5.3	A98-363	4.3
A06-47	5.3	BAR PP 119326	4.3
AMERICA	5.3	EMPIRE	4.3
ARAMINTHA (PP 10847)	5.3	GEISHA (DPPP818)	4.3
AVID	5.3	BOLT (H99-1653)	4.3
AWARD	5.3	LUNAR (PST-07-261)	4.3
BURL 3-51	5.3	PST-K4-3	4.3
J-1770	5.3	PST-K9-99	4.3
J-1853	5.3	3733	4.0
MIDNIGHT	5.3	A05-361	4.0
OASIS (A98-344)	5.3	BLACKJACK	4.0
RAD-507	5.3	PICK MP07	4.0
SHAMROCK	5.3	PICK TD9	4.0
A04-38	5.0	RUBIX (4S2W)	4.0
A05-360	5.0	A00-4199	3.7
BAR 8PP 504	5.0	A05-999	3.7
BLUE NOTE	5.0	AKB 2555	3.7
DAUNTLESS (A05-315)	5.0	ARROWHEAD	3.7
ENDURANCE (PST-K4-7)	5.0	PICK 033	3.7
KENBLUE	5.0	RUSH	3.7
PICK TD8	5.0	LEGEND (A10-1)	3.3
PST-K9-90	5.0		
SRX 2758	5.0	LSD VALUE	1.6
WATERWORKS (A05-204)	5.0	C.V. (%)	20.3
ZEDOR (PPH 9131)	5.0		

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

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

3/ WINTER DENSITY RATED IN 2014 ONLY.

TABLE 63. PERCENT ANNUAL BLUEGRASS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA 2/ 3/

NAME	WA1	NAME	WA1
3733	66.7	NU CHICAGO	36.7
A98-363	65.0	OASIS (A98-344)	36.7
RAD-1492	56.7	PST-K9-99	36.7
BAR VV 112916	55.0	MAZAMA (A04-74)	35.0
RAD-507	55.0	AVID	35.0
ZEDOR (PPH 9131)	55.0	BAR 12PP 612	35.0
BARVETTE HGT (BAR VV 0709)	53.3	SRX 2758	35.0
A05-TB-382	50.0	SUDDEN IMPACT	35.0
BURL 3-51	50.0	A05-361	33.3
KENBLUE	50.0	AKB 2555	33.3
A04-36	48.3	DAUNTLESS (A05-315)	33.3
A05-999	48.3	J-1770	33.3
PST-K9-90	48.3	SKYE	33.3
JACKRABBIT (PST-K10-106D)	46.7	SR 2150 (SRX 5321)	33.3
MERLOT (LTP-08-6)	46.7	BAR 8PP 504	31.7
PICK TD8	46.7	A00-2882	30.0
PST-K9-97	46.7	A06-46	30.0
WATERWORKS (A05-204)	46.7	BARDUKE	30.0
BURL 06-11	45.0	KEENELAND (A04-342)	30.0
LUNAR (PST-07-261)	45.0	RUSH	30.0
BARON	43.3	A01-1106	28.3
BLACKJACK	43.3	A04-38	28.3
LEGEND (A10-1)	43.3	BAR PP 110358	28.3
PICK TD9	43.3	BLUE COAT (AKB 2282)	28.3
AMERICA	41.7	BLUE NOTE	28.3
BAR PP 119326	41.7	ENDURANCE (PST-K4-7)	28.3
BAR PP 119327	41.7	J-1136	28.3
PICK 033	41.7	AWARD	27.3
THERMAL BLUE	41.7	BOLT (H99-1653)	26.7
A05-360	40.0	PICK MP07	26.7
A06-47	40.0	RUBIX (4S2W)	26.7
MIDNIGHT	40.0	GEISHA (DPPP818)	25.7
SHAMROCK	40.0	PST-T10-18	25.7
SRX 4338	40.0	BAR VV 118532	25.0
CABERNET	39.0	PICK 4340	25.0
PST-K4-3	39.0	RAD-849	25.0
A00-4199	38.3	EMPIRE	23.3
A06-26	38.3	BLUEBANK (A03-1017)	21.7
ARROWHEAD	38.3	ZINGER (A05-306)	21.7
J-1853	38.3	ARAMINTHA (PP 10847)	16.7
SRX 466	38.3		
A05-329	36.7	LSD VALUE	27.9
		C.V. (%)	46.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT ANNUAL BLUEGRASS RATED IN 2014 ONLY.

TABLE 64. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
AT MANHATTAN, KS 1/
2012-16 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	AUGUST	SEPTEMBER	MEAN
MAZAMA (A04-74)	9.0	9.0	9.0
BLUE NOTE	9.0	9.0	9.0
GEISHA (DPPP818)	9.0	9.0	9.0
J-1770	9.0	9.0	9.0
LEGEND (A10-1)	9.0	9.0	9.0
NU CHICAGO	9.0	9.0	9.0
PICK 033	9.0	9.0	9.0
RAD-507	9.0	9.0	9.0
SRX 4338	9.0	9.0	9.0
SRX 466	9.0	9.0	9.0
WATERWORKS (A05-204)	9.0	9.0	9.0
ZEDOR (PPH 9131)	9.0	9.0	9.0
3733	9.0	8.7	8.8
A06-46	9.0	8.7	8.8
A98-363	9.0	8.7	8.8
AWARD	9.0	8.7	8.8
BARVETTE HGT (BAR VV 0709)	9.0	8.7	8.8
BURL 3-51	8.7	9.0	8.8
CABERNET	8.7	9.0	8.8
KEENELAND (A04-342)	8.7	9.0	8.8
A05-361	8.7	8.7	8.7
A05-TB-382	9.0	8.3	8.7
BAR VV 112916	8.7	8.7	8.7
J-1853	8.3	9.0	8.7
OASIS (A98-344)	8.3	9.0	8.7
PICK 4340	9.0	8.3	8.7
RUSH	8.7	8.7	8.7
A06-26	8.0	9.0	8.5
BAR PP 119327	8.7	8.3	8.5
BURL 06-11	8.0	9.0	8.5
ENDURANCE (PST-K4-7)	8.7	8.3	8.5
KENBLUE	8.7	8.3	8.5
MIDNIGHT	8.7	8.3	8.5
RAD-1492	8.3	8.7	8.5
A06-47	8.7	8.0	8.3
AMERICA	8.7	8.0	8.3
ARAMINTHA (PP 10847)	8.0	8.7	8.3
BAR PP 110358	8.7	8.0	8.3
BAR VV 118532	8.3	8.3	8.3
BLUEBANK (A03-1017)	8.3	8.3	8.3
DAUNTLESS (A05-315)	8.7	8.0	8.3
J-1136	8.0	8.7	8.3
JACKRABBIT (PST-K10-106D)	8.0	8.7	8.3
MERLOT (LTP-08-6)	8.3	8.3	8.3
PICK TD9	8.7	8.0	8.3

TABLE 64.
(CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
AT MANHATTAN, KS 1/
2012-16 DATA

NAME	SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/		
	AUGUST	SEPTEMBER	MEAN
BAR 8PP 504	8.7	7.7	8.2
SKYE	8.0	8.3	8.2
SRX 2758	8.3	8.0	8.2
A05-329	8.3	7.7	8.0
AVID	8.0	8.0	8.0
BARON	8.3	7.7	8.0
EMPIRE	7.7	8.3	8.0
PICK TD8	8.3	7.7	8.0
PST-T10-18	9.0	7.0	8.0
SUDDEN IMPACT	8.3	7.7	8.0
A04-36	7.7	8.0	7.8
ARROWHEAD	9.0	6.7	7.8
BOLT (H99-1653)	9.0	6.7	7.8
PICK MPO7	8.0	7.7	7.8
SHAMROCK	8.0	7.7	7.8
A00-4199	8.0	7.3	7.7
AKB 2555	8.3	7.0	7.7
BAR 12PP 612	7.0	8.3	7.7
LUNAR (PST-07-261)	7.3	8.0	7.7
PST-K9-97	7.0	8.3	7.7
RUBIX (4S2W)	8.0	7.3	7.7
THERMAL BLUE	7.7	7.3	7.5
PST-K4-3	7.0	7.7	7.3
BARDUKE	8.0	6.3	7.2
SR 2150 (SRX 5321)	7.0	7.3	7.2
A05-999	6.7	7.3	7.0
PST-K9-99	7.0	6.7	6.8
A01-1106	6.3	7.0	6.7
ZINGER (A05-306)	6.7	6.7	6.7
A00-2882	7.0	6.0	6.5
A05-360	6.3	6.7	6.5
BLACKJACK	5.7	6.7	6.2
A04-38	7.0	5.0	6.0
BLUE COAT (AKB 2282)	7.0	5.0	6.0
RAD-849	5.7	6.3	6.0
PST-K9-90	5.7	5.3	5.5
BAR PP 119326	4.7	5.3	5.0
LSD VALUE	3.8	3.2	2.5
C.V. (%)	17.2	17.2	14.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH RATED IN 2014 ONLY.

TABLE 65. RUST DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

RUST DISEASE RATINGS 1-9; 9=NONE 2/ 3/

NAME	IN1	NAME	IN1
BLUEBANK (A03-1017)	9.0	ZINGER (A05-306)	8.7
A05-361	9.0	A04-36	8.3
A05-TB-382	9.0	A04-38	8.3
A06-46	9.0	WATERWORKS (A05-204)	8.3
A98-363	9.0	KEENELAND (A04-342)	8.3
AWARD	9.0	PICK 033	8.3
BAR 8PP 504	9.0	PICK 4340	8.3
BAR PP 110358	9.0	PICK MP07	8.3
BAR PP 119326	9.0	ENDURANCE (PST-K4-7)	8.3
BAR VV 112916	9.0	RAD-1492	8.3
BAR VV 118532	9.0	RAD-507	8.3
BARDUKE	9.0	SRX 4338	8.3
BARON	9.0	BAR PP 119327	8.0
BLUE NOTE	9.0	CABERNET	8.0
BURL 06-11	9.0	EMPIRE	8.0
BURL 3-51	9.0	MERLOT (LTP-08-6)	8.0
BOLT (H99-1653)	9.0	A06-26	7.7
J-1770	9.0	SR 2150 (SRX 5321)	7.7
NU CHICAGO	9.0	RUBIX (4S2W)	7.3
PICK TD8	9.0	BAR 12PP 612	7.3
ZEDOR (PPH 9131)	9.0	MIDNIGHT	7.3
LUNAR (PST-07-261)	9.0	PST-K4-3	7.3
RAD-849	9.0	PST-K9-99	7.3
THERMAL BLUE	9.0	3733	7.0
A00-4199	8.7	A05-999	6.7
DAUNTLESS (A05-315)	8.7	SHAMROCK	6.7
OASIS (A98-344)	8.7	SRX 466	6.7
BLUE COAT (AKB 2282)	8.7	A00-2882	6.3
AMERICA	8.7	PST-K9-90	6.3
AVID	8.7	A05-360	6.0
BAR VV 0709	8.7	ARROWHEAD	6.0
BLACKJACK	8.7	MAZAMA (A04-74)	5.7
GEISHA (DPPP 818)	8.7	RUSH	5.7
J-1136	8.7	A01-1106	5.0
J-1853	8.7	AKB 2555	4.7
KENBLUE	8.7	PST-K9-97	4.3
LEGEND (A10-1)	8.7	A06-47	4.0
PICK TD9	8.7	PST-K10-106D	4.0
ARAMINTHA (PP 10847)	8.7	A05-329	3.3
PST-T10-18	8.7		
SKYE	8.7	LSD VALUE	1.3
SRX 2758	8.7	C.V. (%)	10.3
SUDDEN IMPACT	8.7		

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

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

3/ RUST DISEASE RATED IN 2012 ONLY.

TABLE 66. EARLY SPRING TOP GROWTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

EARLY SPRING TOP GROWTH 1-9; 9=MOST TOP GROWTH 2/ 3/			
NAME	MD1	NAME	MD1
KENBLUE	8.7	AVID	5.0
BAR VV 0709	7.7	AWARD	5.0
PST-T10-18	7.7	BAR PP 119327	5.0
BAR VV 112916	7.3	BARON	5.0
BOLT (H99-1653)	7.3	BLUE NOTE	5.0
A05-TB-382	7.0	GEISHA (DPPP 818)	5.0
A06-46	7.0	EMPIRE	5.0
BAR PP 119326	6.7	J-1770	5.0
BAR VV 118532	6.7	J-1853	5.0
THERMAL BLUE	6.7	KEENELAND (A04-342)	5.0
A05-999	6.3	NU CHICAGO	5.0
A98-363	6.3	PICK TD8	5.0
BAR 8PP 504	6.3	PICK TD9	5.0
PICK MP07	6.3	PST-K4-3	5.0
PST-K10-106D	6.3	PST-K9-90	5.0
A05-360	6.0	RAD-507	5.0
A06-47	6.0	SHAMROCK	5.0
BAR PP 110358	6.0	SR 2150 (SRX 5321)	5.0
PICK 033	6.0	SUDDEN IMPACT	5.0
ZEDOR (PPH 9131)	6.0	ZINGER (A05-306)	5.0
OASIS (A98-344)	5.7	3733	4.7
BAR 12PP 612	5.7	A04-36	4.7
CABERNET	5.7	ARROWHEAD	4.7
PST-K9-99	5.7	BARDUKE	4.7
RAD-1492	5.7	BURL 06-11	4.7
SRX 466	5.7	BURL 3-51	4.7
RUBIX (4S2W)	5.3	J-1136	4.7
A04-38	5.3	MERLOT (LTP-08-6)	4.7
MAZAMA (A04-74)	5.3	PICK 4340	4.7
A05-361	5.3	LUNAR (PST-07-261)	4.7
AMERICA	5.3	RUSH	4.7
BLACKJACK	5.3	SRX 2758	4.7
MIDNIGHT	5.3	SRX 4338	4.7
ENDURANCE (PST-K4-7)	5.3	WATERWORKS (A05-204)	4.3
PST-K9-97	5.3	A06-26	4.3
RAD-849	5.3	BLUE COAT (AKB 2282)	4.3
SKYE	5.3	AKB 2555	4.3
A00-2882	5.0	LEGEND (A10-1)	4.3
A00-4199	5.0	ARAMINTHA (PP 10847)	4.3
A01-1106	5.0		
BLUEBANK (A03-1017)	5.0	LSD VALUE	0.9
DAUNTLESS (A05-315)	5.0	C.V. (%)	10.9
A05-329	5.0		

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

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

3/ EARLY SPRING TOP GROWTH RATED IN 2012 ONLY.

TABLE 67. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 AT KNOXVILLE, TN 2/
 2012-16 DATA

NAME	2012	AUG_2015	SEP_2015	MEAN
LEGEND (A10-1)	25.0	1.7	28.3	20.0
ZINGER (A05-306)	25.0	6.7	19.0	18.9
RUSH	25.0	2.7	22.7	18.8
A00-4199	25.0	9.7	15.0	18.7
ENDURANCE (PST-K4-7)	25.0	2.7	20.7	18.3
EMPIRE	25.0	1.7	21.0	18.2
J-1136	20.0	10.0	22.7	18.2
BOLT (H99-1653)	23.3	1.7	23.3	17.9
RUBIX (4S2W)	25.0	2.3	17.3	17.4
PST-K9-99	25.0	0.7	18.3	17.3
WATERWORKS (A05-204)	25.0	0.0	19.3	17.3
THERMAL BLUE	25.0	9.0	9.3	17.1
BLUE COAT (AKB 2282)	25.0	6.0	11.0	16.8
BAR PP 119326	25.0	1.7	14.3	16.5
PICK MP07	25.0	4.3	11.7	16.5
RAD-849	25.0	6.7	9.3	16.5
A05-329	25.0	4.3	11.0	16.3
ZEDOR (PPH 9131)	25.0	5.0	10.0	16.3
PST-K9-90	25.0	6.0	8.3	16.1
PST-K9-97	25.0	3.3	11.0	16.1
PICK TD9	25.0	0.7	13.0	15.9
3733	25.0	5.0	8.3	15.8
A05-360	21.7	1.7	18.3	15.8
ARAMINTHA (PP 10847)	25.0	4.0	9.0	15.8
BAR 12PP 612	25.0	1.7	11.7	15.8
BARDUKE	25.0	3.7	9.3	15.8
A06-26	25.0	3.3	9.3	15.7
KEENELAND (A04-342)	18.3	3.3	22.7	15.7
KENBLUE	25.0	5.3	7.3	15.7
SRX 4338	23.3	4.3	11.7	15.7
A05-999	25.0	2.7	9.3	15.5
PST-T10-18	21.7	5.0	12.7	15.3
AVID	22.7	2.7	12.7	15.2
GEISHA (DPPP818)	25.0	4.7	6.0	15.2
BLACKJACK	25.0	1.7	8.3	15.0
RAD-1492	25.0	1.7	8.3	15.0
A00-2882	16.7	0.7	25.7	14.9
PICK TD8	25.0	1.7	7.7	14.8
A04-36	25.0	3.3	5.3	14.7
SHAMROCK	25.0	3.3	5.3	14.7
BARON	25.0	6.3	1.7	14.5
SRX 2758	21.7	5.0	9.7	14.5
BAR PP 119327	21.7	5.0	9.3	14.4
A06-47	21.7	5.0	9.0	14.3
LUNAR (PST-07-261)	25.0	2.7	4.3	14.3
BAR VV 112916	21.7	3.3	10.0	14.2
PICK 4340	20.0	1.7	15.0	14.2

TABLE 67. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 (CONT'D) AT KNOXVILLE, TN 2/
 2012-16 DATA

NAME	2012	AUG_2015	SEP_2015	MEAN
A04-38	25.0	2.7	3.3	14.0
AMERICA	18.3	4.3	14.3	13.8
DAUNTLESS (A05-315)	23.3	3.3	5.0	13.8
J-1853	15.0	10.0	15.0	13.8
MAZAMA (A04-74)	20.0	4.3	10.7	13.8
PST-K4-3	23.3	1.7	6.7	13.8
SR 2150 (SRX 5321)	25.0	3.3	1.7	13.8
JACKRABBIT (PST-K10-106D)	21.7	4.3	6.7	13.6
MERLOT (LTP-08-6)	18.3	0.7	16.7	13.5
SUDDEN IMPACT	18.3	2.3	15.0	13.5
AWARD	15.0	1.7	20.7	13.1
RAD-507	25.0	0.0	1.7	12.9
A06-46	15.0	5.0	15.7	12.7
BAR VV 118532	20.0	2.3	6.7	12.3
BURL 06-11	18.3	1.7	10.0	12.1
BAR 8PP 504	18.3	1.7	8.7	11.8
CABERNET	16.7	1.7	12.3	11.8
AKB 2555	16.7	3.3	10.0	11.7
OASIS (A98-344)	15.7	3.3	10.0	11.2
A05-361	13.3	6.0	11.7	11.1
BURL 3-51	13.3	4.3	12.3	10.8
BLUE NOTE	16.7	1.7	6.7	10.4
A01-1106	18.3	0.0	4.7	10.3
ARROWHEAD	16.7	1.7	6.0	10.3
MIDNIGHT	18.3	0.0	2.7	9.8
NU CHICAGO	10.0	7.0	11.0	9.5
BLUEBANK (A03-1017)	5.0	10.0	17.3	9.3
J-1770	10.0	0.7	16.7	9.3
SKYE	6.7	5.7	11.7	7.7
A05-TB-382	9.3	1.7	6.7	6.8
PICK 033	5.0	5.0	10.3	6.3
SRX 466	5.0	1.7	7.0	4.7
A98-363	3.3	2.0	2.7	2.8
BAR PP 110358	2.7	0.0	1.7	1.8
BARVETTE HGT (BAR VV 0709)	0.0	2.7	0.0	0.7
LSD VALUE	9.4	17.0	21.7	29.2
C.V. (%)	28.4	119.8	75.6	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 68.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT NORTH BRUNSWICK, NJ
2012-16 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MAY	SEPTEMBER	MEAN	NAME	MAY	SEPTEMBER	MEAN
BAR VV 0709	8.7	9.0	8.8	PICK 033	5.0	9.0	7.0
BOLT (H99-1653)	8.0	9.0	8.5	SUDDEN IMPACT	5.0	9.0	7.0
ZEDOR (PPH 9131)	8.7	8.3	8.5	A05-361	4.7	9.0	6.8
RAD-849	8.7	8.3	8.5	A05-999	7.0	6.7	6.8
THERMAL BLUE	8.7	8.3	8.5	BARDUKE	5.3	8.3	6.8
MAZAMA (A04-74)	8.7	8.0	8.3	MERLOT (LTP-08-6)	5.7	8.0	6.8
BURL 06-11	8.3	8.3	8.3	PST-K9-99	6.3	7.3	6.8
RAD-507	8.3	8.3	8.3	AKB 2555	7.3	6.0	6.7
WATERWORKS (A05-204)	7.3	9.0	8.2	BAR PP 119327	5.7	7.7	6.7
BAR VV 118532	8.0	8.3	8.2	J-1136	4.3	9.0	6.7
PICK TD8	8.0	8.3	8.2	LEGEND (A10-1)	5.3	8.0	6.7
PST-T10-18	7.3	9.0	8.2	SR 2150 (SRX 5321)	5.0	8.3	6.7
A06-26	7.7	8.3	8.0	A06-47	6.0	7.0	6.5
A98-363	8.0	8.0	8.0	BAR 12PP 612	7.0	6.0	6.5
AWARD	7.0	9.0	8.0	KEENELAND (A04-342)	4.0	9.0	6.5
BAR PP 119326	8.7	7.3	8.0	NU CHICAGO	4.0	9.0	6.5
LUNAR (PST-07-261)	9.0	7.0	8.0	A00-4199	3.7	9.0	6.3
RAD-1492	8.7	7.3	8.0	BLUEBANK (A03-1017)	3.7	9.0	6.3
3733	7.0	8.7	7.8	GEISHA (DPPP 818)	4.7	7.7	6.2
A04-36	6.7	9.0	7.8	EMPIRE	4.3	8.0	6.2
DAUNTLESS (A05-315)	6.7	9.0	7.8	PST-K9-90	9.0	3.3	6.2
A04-38	6.7	8.7	7.7	PST-K9-97	9.0	3.3	6.2
A05-TB-382	6.7	8.7	7.7	RUSH	4.3	8.0	6.2
BLUE COAT (AKB 2282)	7.3	7.7	7.5	SRX 2758	4.3	8.0	6.2
BAR 8PP 504	7.0	8.0	7.5	OASIS (A98-344)	5.0	7.0	6.0
BURL 3-51	6.3	8.7	7.5	AMERICA	3.3	8.7	6.0
J-1853	6.0	9.0	7.5	AVID	4.7	7.3	6.0
ARAMINTHA (PP 10847)	7.0	8.0	7.5	PST-K4-3	9.0	3.0	6.0
ENDURANCE (PST-K4-7)	9.0	6.0	7.5	A00-2882	4.3	7.3	5.8
SKYE	6.7	8.3	7.5	BLACKJACK	8.0	3.7	5.8
SRX 4338	6.0	9.0	7.5	KENBLUE	3.7	8.0	5.8
BARON	6.0	8.7	7.3	RUBIX (4S2W)	3.3	7.7	5.5
BLUE NOTE	6.0	8.7	7.3	CABERNET	3.3	7.7	5.5
SHAMROCK	6.3	8.3	7.3	PICK MP07	4.0	7.0	5.5
ZINGER (A05-306)	7.0	7.7	7.3	ARROWHEAD	4.3	6.3	5.3
BAR PP 110358	6.0	8.3	7.2	SRX 466	4.0	6.3	5.2
BAR VV 112916	5.3	9.0	7.2	A05-360	4.0	6.0	5.0
J-1770	5.3	9.0	7.2	JACKRABBIT (PST-K10-106D)	3.7	4.7	4.2
MIDNIGHT	5.3	9.0	7.2	PICK TD9	2.0	6.0	4.0
PICK 4340	5.3	9.0	7.2	A05-329	4.3	2.3	3.3
A01-1106	6.0	8.0	7.0				
A06-46	5.0	9.0	7.0	LSD VALUE	1.7	1.4	1.1
				C.V. (%)	18.4	11.9	10.5

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

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

3/ STEM RUST RATED IN 2012 ONLY.

TABLE 69.

 PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 AT STILLWATER, OK 2/
 2011 DATA

NAME	NOVEMBER	DECEMBER	MEAN	NAME	NOVEMBER	DECEMBER	MEAN
BAR VV 0709	73.3	98.7	86.0	RAD-849	60.0	95.3	77.7
J-1853	71.7	97.3	84.5	A05-360	56.7	98.3	77.5
RUSH	70.0	98.3	84.2	DAUNTLESS (A05-315)	61.7	92.7	77.2
A01-1106	70.0	98.0	84.0	BARDUKE	60.0	94.3	77.2
THERMAL BLUE	70.0	98.0	84.0	GEISHA (DPPP 818)	65.0	89.3	77.2
LEGEND (A10-1)	71.7	96.0	83.8	PST-K9-99	60.0	94.3	77.2
BAR VV 118532	70.0	97.3	83.7	SR 2150 (SRX 5321)	56.7	97.3	77.0
A98-363	70.0	97.0	83.5	A05-361	60.0	93.7	76.8
PICK TD8	71.7	94.3	83.0	OASIS (A98-344)	60.0	92.7	76.3
BLUE NOTE	66.7	98.0	82.3	NU CHICAGO	60.0	92.7	76.3
A06-46	65.0	98.3	81.7	A00-2882	53.3	98.3	75.8
BARON	66.7	96.3	81.5	RAD-507	60.0	91.7	75.8
MIDNIGHT	66.7	96.3	81.5	WATERWORKS (A05-204)	60.0	91.0	75.5
A00-4199	66.7	96.0	81.3	PICK MP07	56.7	94.3	75.5
BAR VV 112916	68.3	94.3	81.3	A06-47	56.7	93.3	75.0
BOLT (H99-1653)	66.7	95.0	80.8	ARROWHEAD	60.0	90.0	75.0
BLUEBANK (A03-1017)	63.3	97.7	80.5	ENDURANCE (PST-K4-7)	60.0	90.0	75.0
PICK 4340	65.0	96.0	80.5	RAD-1492	53.3	96.0	74.7
SHAMROCK	66.7	94.3	80.5	PST-T10-18	55.0	93.3	74.2
BAR 8PP 504	63.3	97.3	80.3	PST-K4-3	56.7	91.0	73.8
SRX 2758	66.7	94.0	80.3	RUBIX (4S2W)	56.7	90.0	73.3
A06-26	63.3	97.0	80.2	AVID	56.7	90.0	73.3
BURL 06-11	63.3	97.0	80.2	PICK 033	56.7	90.0	73.3
A04-36	65.0	95.0	80.0	KEENELAND (A04-342)	53.3	93.0	73.2
BAR 12PP 612	65.0	95.0	80.0	MERLOT (LTP-08-6)	53.3	93.0	73.2
ZINGER (A05-306)	66.7	93.3	80.0	LUNAR (PST-07-261)	53.3	91.7	72.5
SKYE	66.7	93.0	79.8	PST-K9-97	53.3	90.0	71.7
SUDDEN IMPACT	63.3	96.3	79.8	A05-TB-382	53.3	88.3	70.8
BLACKJACK	63.3	96.0	79.7	A05-329	50.0	91.3	70.7
ARAMINTHA (PP 10847)	63.3	95.7	79.5	BURL 3-51	50.0	90.0	70.0
BAR PP 110358	63.3	95.3	79.3	KENBLUE	50.0	88.3	69.2
MAZAMA (A04-74)	66.7	91.7	79.2	3733	46.7	88.3	67.5
J-1136	63.3	95.0	79.2	A04-38	46.7	88.3	67.5
PICK TD9	63.3	94.3	78.8	PST-K9-90	43.3	91.7	67.5
J-1770	60.0	97.3	78.7	EMPIRE	42.7	91.7	67.2
SRX 4338	60.0	97.0	78.5	BLUE COAT (AKB 2282)	38.3	88.3	63.3
SRX 466	63.3	93.7	78.5	AKB 2555	40.0	85.0	62.5
ZEDOR (PPH 9131)	63.3	93.3	78.3	CABERNET	28.3	73.3	50.8
PST-K10-106D	63.3	93.3	78.3	AWARD	12.7	35.0	23.8
BAR PP 119327	60.0	96.3	78.2				
A05-999	60.0	96.0	78.0	LSD VALUE	20.8	8.4	11.1
AMERICA	60.0	96.0	78.0	C.V. (%)	18.4	5.8	9.0
BAR PP 119326	63.3	92.7	78.0				

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 70.

 ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 AT LOGAN, UT
 2011-12 DATA

ESTABLISHMENT RATINGS 1-9; 9=FULL COVERAGE 2/

NAME	OCTOBER 2011	APRIL 2012	MEAN	NAME	OCTOBER 2011	APRIL 2012	MEAN
BOLT (H99-1653)	6.7	8.3	7.5	PICK TD8	4.7	6.7	5.7
BAR 8PP 504	5.7	8.3	7.0	PST-K4-3	4.7	6.7	5.7
A01-1106	5.7	8.0	6.8	PST-T10-18	4.3	7.0	5.7
BARVETTE HGT (BAR VV 0709)	5.0	8.7	6.8	SHAMROCK	4.3	7.0	5.7
GEISHA (DPPP 818)	5.7	8.0	6.8	SRX 4338	4.3	7.0	5.7
OASIS (A98-344)	5.3	8.0	6.7	A00-2882	4.0	7.0	5.5
BLACKJACK	5.0	8.0	6.5	A05-TB-382	4.3	6.7	5.5
SKYE	5.0	8.0	6.5	ARROWHEAD	4.0	7.0	5.5
A05-360	5.0	7.7	6.3	BAR 12PP 612	4.3	6.7	5.5
SRX 466	5.0	7.7	6.3	BAR PP 119326	3.7	7.3	5.5
A06-26	4.7	7.7	6.2	BARDUKE	4.3	6.7	5.5
AMERICA	5.0	7.3	6.2	SRX 2758	4.3	6.7	5.5
ARAMINTHA (PP 10847)	5.0	7.3	6.2	THERMAL BLUE	3.7	7.3	5.5
A04-38	4.7	7.3	6.0	A00-4199	4.0	6.7	5.3
A05-999	4.7	7.3	6.0	A06-46	4.3	6.3	5.3
A98-363	4.7	7.3	6.0	MERLOT (LTP-08-6)	4.3	6.3	5.3
BAR PP 110358	4.7	7.3	6.0	LUNAR (PST-07-261)	4.0	6.7	5.3
J-1770	4.3	7.7	6.0	AVID	3.7	6.7	5.2
KEENELAND (A04-342)	5.0	7.0	6.0	J-1853	4.0	6.3	5.2
JACKRABBIT (PST-K10-106D)	4.7	7.3	6.0	ENDURANCE (PST-K4-7)	3.7	6.7	5.2
SR 2150 (SRX 5321)	5.0	7.0	6.0	BLUEBANK (A03-1017)	4.0	6.0	5.0
ZINGER (A05-306)	4.7	7.3	6.0	A05-329	3.3	6.7	5.0
WATERWORKS (A05-204)	4.3	7.3	5.8	A05-361	3.7	6.3	5.0
BLUE COAT (AKB 2282)	4.7	7.0	5.8	PICK 033	3.3	6.7	5.0
BLUE NOTE	4.7	7.0	5.8	ZEDOR (PPH 9131)	3.7	6.3	5.0
BURL 06-11	4.3	7.3	5.8	PICK 4340	3.3	6.3	4.8
BURL 3-51	4.3	7.3	5.8	PICK MP07	3.3	6.3	4.8
J-1136	4.7	7.0	5.8	RAD-1492	3.3	6.3	4.8
KENBLUE	3.7	8.0	5.8	RUSH	3.3	6.3	4.8
NU CHICAGO	4.3	7.3	5.8	A04-36	3.0	6.3	4.7
PICK TD9	4.3	7.3	5.8	DAUNTLESS (A05-315)	3.0	6.3	4.7
PST-K9-99	4.3	7.3	5.8	RAD-507	3.0	6.3	4.7
RAD-849	4.3	7.3	5.8	RUBIX (4S2W)	2.3	6.3	4.3
SUDDEN IMPACT	4.3	7.3	5.8	A06-47	3.0	5.7	4.3
MAZAMA (A04-74)	4.7	6.7	5.7	AKB 2555	1.7	5.7	3.7
BAR PP 119327	4.0	7.3	5.7	PST-K9-90	2.3	5.0	3.7
BAR VV 112916	4.7	6.7	5.7	PST-K9-97	1.7	5.3	3.5
BAR VV 118532	4.3	7.0	5.7	CABERNET	1.3	4.7	3.0
BARON	4.7	6.7	5.7	3733	1.7	3.3	2.5
EMPIRE	4.3	7.0	5.7	AWARD	1.0	3.3	2.2
LEGEND (A10-1)	4.3	7.0	5.7				
MIDNIGHT	4.3	7.0	5.7	LSD VALUE	1.6	1.7	1.5
				C.V. (%)	22.8	14.0	15.9

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

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

TABLE 71. EARLY SPRING COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

EARLY SPRING COLOR RATINGS 1-9; 9=DARK GREEN, 1=BROWN 2/ 3/

NAME	MD1	NAME	MD1
AKB 2555	6.7	A00-2882	4.3
A05-329	6.3	A06-47	4.3
3733	6.0	AMERICA	4.3
ARROWHEAD	6.0	BOLT (H99-1653)	4.3
PST-K9-97	6.0	KEENELAND (A04-342)	4.3
A05-361	5.7	RUBIX (4S2W)	4.3
BAR 12PP 612	5.7	SRX 4338	4.3
PICK TD9	5.7	A06-46	4.0
RAD-507	5.7	BAR 8PP 504	4.0
WATERWORKS (A05-204)	5.7	BAR VV 112916	4.0
A04-38	5.3	CABERNET	4.0
A05-TB-382	5.3	ENDURANCE (PST-K4-7)	4.0
MERLOT (LTP-08-6)	5.3	LEGEND (A10-1)	4.0
OASIS (A98-344)	5.3	PICK 033	4.0
SR 2150 (SRX 5321)	5.3	ARAMINTHA (PP 10847)	4.0
MAZAMA (A04-74)	5.0	ZEDOR (PPH 9131)	4.0
A06-26	5.0	JACKRABBIT (PST-K10-106D)	4.0
AVID	5.0	PST-T10-18	4.0
BARON	5.0	RAD-849	4.0
BLACKJACK	5.0	SRX 2758	4.0
BLUE COAT (AKB 2282)	5.0	SRX 466	4.0
BLUE NOTE	5.0	A00-4199	3.7
GEISHA (DPPP 818)	5.0	BAR PP 119326	3.7
PICK TD8	5.0	BARDUKE	3.7
PST-K4-3	5.0	BURL 3-51	3.7
PST-K9-99	5.0	EMPIRE	3.7
RAD-1492	5.0	J-1770	3.7
SHAMROCK	5.0	J-1853	3.7
SKYE	5.0	PICK MP07	3.7
ZINGER (A05-306)	5.0	SUDDEN IMPACT	3.7
A01-1106	4.7	THERMAL BLUE	3.7
A04-36	4.7	AWARD	3.3
A05-360	4.7	J-1136	3.3
A98-363	4.7	MIDNIGHT	3.3
BAR PP 110358	4.7	NU CHICAGO	3.3
BAR PP 119327	4.7	BLUEBANK (A03-1017)	3.0
BAR VV 118532	4.7	A05-999	3.0
BURL 06-11	4.7	Barvette HGT (BAR VV 0709)	3.0
DAUNTLESS (A05-315)	4.7	KENBLUE	3.0
LUNAR (PST-07-261)	4.7		
PICK 4340	4.7	LSD VALUE	0.8
PST-K9-90	4.7	C.V. (%)	10.5
RUSH	4.7		

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

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

3/ EARLY SPRING COLOR RATED IN 2013 ONLY.

TABLE 72. PERCENT WEED RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA 2/ 3/

NAME	WI1	NAME	WI1
PST-K9-99	36.7	KEENELAND (A04-342)	11.7
BAR 8PP 504	35.0	LEGEND (A10-1)	11.7
JACKRABBIT (PST-K10-106D)	35.0	RAD-849	11.7
BAR PP 119327	30.0	BAR PP 110358	10.7
LUNAR (PST-07-261)	28.3	A06-26	10.0
ZEDOR (PPH 9131)	25.0	ARAMINTHA (PP 10847)	10.0
ARROWHEAD	20.0	J-1853	10.0
A05-329	18.3	MERLOT (LTP-08-6)	10.0
GEISHA (DPPP818)	18.3	MIDNIGHT	10.0
A06-47	16.7	OASIS (A98-344)	10.0
AKB 2555	16.7	PICK 033	10.0
AMERICA	16.7	SHAMROCK	10.0
BURL 3-51	16.7	SRX 4338	10.0
MAZAMA (A04-74)	16.7	SUDDEN IMPACT	9.0
PICK TD8	16.7	A05-360	8.3
PICK TD9	16.7	BLUE COAT (AKB 2282)	8.3
PST-K9-97	16.7	BLUEBANK (A03-1017)	8.3
RAD-507	16.7	BOLT (H99-1653)	8.3
A05-999	15.0	PST-K9-90	8.3
BAR 12PP 612	15.0	PST-T10-18	8.3
BLACKJACK	15.0	RUSH	8.3
SRX 466	15.0	SRX 2758	7.7
BARON	14.0	A06-46	7.3
3733	13.3	DAUNTLESS (A05-315)	7.3
A00-4199	13.3	SR 2150 (SRX 5321)	7.3
A01-1106	13.3	THERMAL BLUE	7.3
A98-363	13.3	KENBLUE	6.7
BARDUKE	13.3	NU CHICAGO	6.7
CABERNET	13.3	RUBIX (4S2W)	6.7
PICK 4340	13.3	ZINGER (A05-306)	6.7
PST-K4-3	13.3	BAR PP 119326	5.7
RAD-1492	13.3	BAR VV 112916	5.7
SKYE	13.3	A04-38	5.0
PICK MP07	12.3	AVID	5.0
WATERWORKS (A05-204)	12.3	AWARD	5.0
A00-2882	11.7	J-1136	5.0
A04-36	11.7	BLUE NOTE	4.3
A05-361	11.7	BARVETTE HGT (BAR VV 0709)	4.0
A05-TB-382	11.7	J-1770	4.0
BAR VV 118532	11.7		
BURL 06-11	11.7	LSD VALUE	15.2
EMPIRE	11.7	C.V. (%)	75.0
ENDURANCE (PST-K4-7)	11.7		

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

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

3/ PERCENT WEED RATED IN 2015 ONLY.

TABLE 73. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
 AT MADISON, WI, 1/
 2012-16 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

NAME	THATCH1	THATCH2	MEAN
A05-329	33.3	15.0	24.2
BAR PP 119327	21.7	21.7	21.7
ZEDOR (PPH 9131)	25.0	15.0	20.0
ARROWHEAD	18.3	16.7	17.5
KEENELAND (A04-342)	6.7	26.7	16.7
A06-47	16.7	13.3	15.0
PST-K9-99	11.7	18.3	15.0
BAR 12PP 612	18.3	10.0	14.2
LUNAR (PST-07-261)	10.0	16.7	13.3
JACKRABBIT (PST-K10-106D)	6.7	18.3	12.5
PICK TD9	11.7	13.3	12.5
A01-1106	13.3	10.7	12.0
AMERICA	15.0	9.0	12.0
BAR 8PP 504	6.7	17.3	12.0
PST-K9-97	20.0	4.0	12.0
A00-4199	10.0	13.3	11.7
BARDUKE	10.7	12.3	11.5
PICK TD8	15.0	7.7	11.3
A05-TB-382	13.3	8.3	10.8
BLACKJACK	8.3	12.3	10.3
BURL 3-51	16.7	4.0	10.3
PICK 4340	13.3	7.3	10.3
A00-2882	10.0	10.0	10.0
RAD-849	11.7	8.3	10.0
WATERWORKS (A05-204)	13.3	6.7	10.0
AVID	18.3	0.0	9.2
SRX 4338	8.3	10.0	9.2
AKB 2555	11.7	5.7	8.7
PICK 033	11.7	5.7	8.7
RAD-507	8.3	8.3	8.3
SHAMROCK	8.3	8.3	8.3
A98-363	6.7	9.7	8.2
GEISHA (DPPP818)	6.7	9.7	8.2
EMPIRE	10.0	5.7	7.8
PICK MP07	5.7	10.0	7.8
PST-K4-3	11.7	4.0	7.8
A05-999	5.0	10.0	7.5
MAZAMA (A04-74)	8.3	6.7	7.5
DAUNTLESS (A05-315)	9.0	5.0	7.0
BURL 06-11	6.7	6.7	6.7
PST-K9-90	10.0	3.3	6.7
SRX 466	8.3	5.0	6.7
A06-26	6.7	5.7	6.2
CABERNET	8.3	4.0	6.2
BAR VV 118532	6.7	5.3	6.0

TABLE 73. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) AT MADISON, WI, 1/
2012-16 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/			
NAME	THATCH1	THATCH2	MEAN
BARON	8.3	3.7	6.0
MERLOT (LTP-08-6)	6.7	5.0	5.8
THERMAL BLUE	5.0	6.7	5.8
SKYE	6.7	4.3	5.5
SUDDEN IMPACT	11.0	0.0	5.5
LEGEND (A10-1)	8.3	2.3	5.3
OASIS (A98-344)	6.7	4.0	5.3
SRX 2758	10.7	0.0	5.3
A04-38	6.7	3.3	5.0
A05-360	6.7	3.3	5.0
A05-361	6.7	3.3	5.0
A06-46	6.7	3.3	5.0
ARAMINTHA (PP 10847)	3.7	5.7	4.7
ZINGER (A05-306)	5.0	4.3	4.7
PST-T10-18	4.0	5.0	4.5
RAD-1492	6.7	2.3	4.5
RUSH	6.7	2.3	4.5
ENDURANCE (PST-K4-7)	5.0	3.3	4.2
A04-36	5.0	2.7	3.8
RUBIX (4S2W)	0.7	7.0	3.8
3733	3.3	4.0	3.7
KENBLUE	3.3	4.0	3.7
BAR VV 112916	3.3	3.3	3.3
BLUE NOTE	4.7	2.0	3.3
BLUEBANK (A03-1017)	5.0	1.7	3.3
AWARD	5.0	1.3	3.2
BLUE COAT (AKB 2282)	3.0	3.3	3.2
SR 2150 (SRX 5321)	4.3	1.7	3.0
J-1136	4.0	1.7	2.8
J-1853	5.0	0.7	2.8
MIDNIGHT	5.0	0.7	2.8
BAR PP 119326	2.7	1.7	2.2
BAR PP 110358	4.0	0.0	2.0
BOLT (H99-1653)	1.7	2.3	2.0
NU CHICAGO	3.3	0.7	2.0
J-1770	3.0	0.0	1.5
BARVETTE HGT (BAR VV 0709)	0.7	0.3	0.5
LSD VALUE	11.1	10.9	8.1
C.V. (%)	68.7	89.3	60.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ THATCH MEASURED IN 2015 ONLY.

TABLE 74. PERCENT RECOVERY RATINGS FROM DROUGHT OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA 2/ 3/

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.

3/ PERCENT WEED RATED IN 2016 ONLY.

TABLE 75. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012-16 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

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.

3/ LEAF RUST RATED IN 2016 ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
 2012-16 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	5.0	0.0	GEISHA (DPPP818)	5.3	0.0
A00-2882	5.9	40.0	J-1136	6.1	60.0
A00-4199	5.8	26.7	J-1770	6.1	66.7
A01-1106	5.9	40.0	J-1853	6.1	53.3
A04-36	5.5	13.3	JACKRABBIT (PST-K10-106D)	5.6	6.7
A04-38	5.7	13.3	KEENELAND (A04-342)	6.1	46.7
A05-329	5.0	0.0	KENBLUE	4.9	13.3
A05-360	6.1	46.7	LEGEND (A10-1)	5.8	26.7
A05-361	5.9	33.3	LUNAR (PST-07-261)	5.5	13.3
A05-999	5.4	6.7	MAZAMA (A04-74)	5.8	40.0
A05-TB-382	5.5	26.7	MERLOT (LTP-08-6)	5.8	33.3
A06-26	5.7	13.3	MIDNIGHT	6.1	53.3
A06-46	6.3	66.7	NU CHICAGO	6.0	53.3
A06-47	5.6	13.3	OASIS (A98-344)	5.8	26.7
A98-363	5.7	13.3	PICK 033	6.0	53.3
AKB 2555	5.0	0.0	PICK 4340	6.1	46.7
AMERICA	5.5	13.3	PICK MP07	5.2	6.7
ARAMINTHA (PP 10847)	5.7	20.0	PICK TD8	5.7	13.3
ARROWHEAD	5.8	26.7	PICK TD9	5.1	0.0
AVID	5.5	20.0	PST-K4-3	5.5	0.0
AWARD	5.7	20.0	PST-K9-90	5.5	6.7
BAR 12PP 612	5.2	6.7	PST-K9-97	5.3	6.7
BAR 8PP 504	5.6	6.7	PST-K9-99	5.2	0.0
BAR PP 110358	6.1	66.7	PST-T10-18	5.8	26.7
BAR PP 119326	5.4	6.7	RAD-1492	5.5	20.0
BAR PP 119327	5.2	6.7	RAD-507	5.5	0.0
BAR VV 112916	5.5	13.3	RAD-849	5.6	6.7
BAR VV 118532	5.5	13.3	RUBIX (4S2W)	5.7	20.0
BARDUKE	5.3	0.0	RUSH	5.8	33.3
BARON	5.3	0.0	SHAMROCK	5.5	6.7
BARVETTE HGT (BAR VV 0709)	5.9	40.0	SKYE	6.1	66.7
BLACKJACK	4.9	0.0	SR 2150 (SRX 5321)	5.7	26.7
BLUE COAT (AKB 2282)	5.8	26.7	SRX 2758	5.9	40.0
BLUE NOTE	6.3	80.0	SRX 4338	6.0	40.0
BLUEBANK (A03-1017)	6.2	66.7	SRX 466	6.1	46.7
BOLT (H99-1653)	5.8	26.7	SUDDEN IMPACT	5.9	53.3
BURL 06-11	5.7	13.3	THERMAL BLUE	5.4	13.3
BURL 3-51	5.8	26.7	WATERWORKS (A05-204)	5.2	6.7
CABERNET	5.8	20.0	ZEDOR (PPH 9131)	5.2	6.7
DAUNTLESS (A05-315)	5.8	26.7	ZINGER (A05-306)	5.4	6.7
EMPIRE	5.6	13.3			
ENDURANCE (PST-K4-7)	6.0	40.0	LSD VALUE	0.3	
			C.V. (%)	12.1	

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

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

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

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