

## **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.

Executive Director - Kevin N. Morris, National Turfgrass Evaluation Program, Inc.

### **CURRENT POLICY COMMITTEE MEMBERS:**

Mr. Bill Dunn, Seed Research of Oregon, Inc.  
Mr. Paul Hedgpeth, Columbia River Seeds, Inc.  
Dr. Mike Kenna, USGA Green Section  
Dr. Doug Karcher, University of Arkansas  
Dr. David Kopec, University of Arizona  
Mr. Warren Bell, Biograss Sod Farms  
Dr. Ken Diesburg, Southern Illinois University  
Mr. Steve Reid, DLF International Seeds  
Dr. Scott Ebdon, University of Massachusetts

### **FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:**

Kevin Morris, Executive Director  
National Turfgrass Evaluation Program  
Beltsville Agricultural Research Center-West  
Building 005, Room 307  
Beltsville, Maryland 20705  
[kmorris@ntep.org](mailto:kmorris@ntep.org)  
[www.ntep.org](http://www.ntep.org)

CONTENTS

2011 National Kentucky Bluegrass Test - 2013 data

LOCATIONS SUBMITTING DATA FOR 2013.....1

NATIONAL KENTUCKY BLUEGRASS TEST, 2011 - Entries and Sponsors.....2

Table A - 2013 Locations, Site Descriptions and Management Practices  
in the 2011 National Kentucky Bluegrass Test.....3

Table B - Locations and Data Collected in 2013.....4

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

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

Table 3 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Ten Locations in the U.S. Maintained using "Schedule A".....11

Table 4 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Four Locations in the U.S. Maintained using "Schedule B".....13

Table 5 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Two Locations in the Northeast Region.....15

Table 6 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Four Locations in the Transition Region.....16

Table 7 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Six Locations in the North Central Region..... 18

Table 8 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars  
Grown at Two Locations in the Upper West/Mountain Region.....20

Table 9 - Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Shade at Carbondale, IL.....21

Table 10- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Amherst, MA.....23

Table 11- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at East Lansing, MI.....25

Table 12- Percent Green Cover and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at North Brunswick, NJ.....27

Table 13- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Knoxville, TN.....35

Table 14- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass  
Cultivars Grown Under Traffic Stress at Madison, WI.....41

CONTENTS (continued)

Table 15- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Summer Patch Stress at Raleigh, NC.....	43
Table 16- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Summer Patch Stress at Stillwater, OK.....	47
Table 17- Mean Turfgrass Quality and Other Ratings of Kentucky Bluegrass Cultivars Grown Under Organic Maintenance at Guelph (Canada), ON.....	49
Table 18- Genetic Color Ratings of Kentucky Bluegrass Cultivars.....	51
Table 19- Spring Greenup Ratings of Kentucky Bluegrass Cultivars.....	53
Table 20- Leaf Texture Ratings of Kentucky Bluegrass Cultivars.....	55
Table 21- Spring Density Ratings of Kentucky Bluegrass Cultivars.....	56
Table 22- Summer Density Ratings of Kentucky Bluegrass Cultivars.....	57
Table 23- Percent Living Ground Cover (Spring) Ratings of Perennial Ryegrass Cultivars.....	58
Table 24- Percent Living Ground Cover (Summer) Ratings of Perennial Ryegrass Cultivars.....	60
Table 25- Percent Living Ground Cover (Fall) Ratings of Perennial Ryegrass Cultivars.....	61
Table 26- Winter Color Ratings of Kentucky Bluegrass Cultivars.....	62
Table 27- Drought Tolerance (Dormancy) Ratings of Kentucky Bluegrass Cultivars.....	63
Table 28- Leaf Spot Ratings of Kentucky Bluegrass Cultivars.....	64
Table 29- Stem Rust Ratings of Kentucky Bluegrass Cultivars.....	65
Table 30- Dollar Spot Ratings of Kentucky Bluegrass Cultivars.....	66
Table 31- Red Thread Ratings of Kentucky Bluegrass Cultivars.....	67
Table 32- Summer Patch Ratings of Kentucky Bluegrass Cultivars.....	68
Table 33- Seedhead Ratings of Kentucky Bluegrass Cultivars.....	69
Table 34- Mowing Quality Ratings of Kentucky Bluegrass Cultivars.....	70
Table 35- Turf Uniformity Ratings of Kentucky Bluegrass Cultivars.....	71
Table 36- Early Spring Color Ratings of Kentucky Bluegrass Cultivars.....	73
Appendix Table - Summary of Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars.....	74

## **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 2013

<u>State</u>	<u>Location</u>	<u>Code</u>
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 (Summer Patch)	OK1
Ontari	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			Entry		
No.	Name	Sponsor	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	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	COLUMBIA RIVER SEEDS
18	RAD-1492	CHS, INC.	58	Blue Coat (AKB 2282)	OLUMBIA SEEDS
19	A04-38	THE SCOTTS COMPANY	59	AKB 2555	COLUMBIA SEEDS
20	A05-360	THE SCOTTS COMPANY	60	A00-4199	PROSEEDS MARKETING
21	PPH 9131	DLF TRIFOLIUM	61	A06-26	LEWIS SEEDS
22	DPPP 818	DLF TRIFOLIUM	62	PICK TD8	PICKSEED USA
23	PP 10847	DLF TRIFOLIUM	63	SRX 5321	SEED RESEARCH OF OREGON
24	PICK 033	PICKSEED USA	64	PICK TD9	PICKSEED USA
25	PICK MP07	PICKSEED USA	* 65	BLACKJACK	COLUMBIA RIVER SEEDS
26	PICK 4340	PICKSEED USA	* 66	ARROWHEAD	COLUMBIA RIVER SEEDS
27	SRX 466	SEED RESEARCH OF OREGON	67	PST-K9-99	PURE-SEED TESTING
28	SRX 2758	SEED RESEARCH OF OREGON	68	Lunar (PST-07-261)	Landmark
29	SRX 4338	SEED RESEARCH OF OREGON	69	PST-T10-18	PURE-SEED TESTING
30	LTP-08-6	LEBANON SEABOARD CORP.	70	Endurance (PST-K4-7)	Scotts
31	A00-2882	DLF INTERNATIONAL SEEDS	71	PST-K9-97	PURE-SEED TESTING
32	Keeneland (A04-342)	DLF INTERNATIONAL SEEDS	72	Rubix (4S2W)	COLUMBIA RIVER SEED
33	A06-46	DLF INTERNATIONAL SEEDS	73	3733	COLUMBIA RIVER SEED
34	A05-TB-382	MOUNTAIN VIEW SEEDS	74	Dauntless (A05-315)	COLUMBIA RIVER SEED
35	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 1/2 Dye Seed
39	A03-1017	MOUNTAIN VIEW SEEDS	* 79	SHAMROCK	STANDARD ENTRY
40	A04-74	PEAK PLANT GENETICS	80	A01-1106	PROSEEDS MARKETING
			81	MIDNIGHT	STANDARD ENTRY
			82	THERMAL BLUE	STANDARD ENTRY

\* COMMERCIALY AVAILABLE IN THE USA IN 2014.

TABLE A.

2013 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	5.6-6.0	151-270	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	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	376-500	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 2013

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		
IL1				X	X	X	X	X	X	X			X	X	
IL2			X	X	X	X	X	X	X	X	X		X		
IN1				X	X	X	X	X	X	X				X	X
KS1					X	X	X	X	X	X	X		X	X	
MA1				X	X	X	X	X	X	X	X		X		X
MD1				X	X	X	X	X	X	X	X				
MI1				X	X	X	X	X	X	X	X				
MI2				X	X	X	X	X	X	X	X				
MN1					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	
NJ2				X	X	X	X	X	X	X			X	X	
NJ3															X
OK1	X			X	X	X	X	X	X	X	X	X			
ON1					X	X	X	X	X	X					
TN1	X	X	X	X	X	X	X	X	X	X	X	X	X		
TN2													X		
UT1				X	X	X	X	X	X	X			X	X	
VA1				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	
WI2					X	X	X	X	X	X	X		X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2013

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

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2013

LOCATION	SEEDHEAD RATINGS	MOWING QUALITY	TURFGRASS UNIFORMITY	POA ANNUA COUNTS	PERCENT WEED	SUMMER PATCH RATINGS			
						JUNE	JULY	AUGUST	SEPTEMBER
IA1									
IL1			X						
IL2									
IN1	X								
KS1			X						
MA1				X					
MD1	X		X						
MI1									
MI2									
MN1									
NC1	X					X	X	X	X
NJ1	X								
NJ2		X	X						
* NJ3									
OK1									
ON1									
TN1									
* TN2									
UT1			X						
VA1									
WA1			X						
WI1					X				
WI2					X				

\* MORE TRAFFIC DATA FOR NJ3 AND TN2 IN TABLE 12 AND TABLE 13.

TABLE 1.

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
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
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
SRX 5321	5.6	4.5	5.5	6.9	5.5	5.9	6.6	4.2	6.0	5.6
LTP-08-6	5.2	4.4	5.6	7.1	5.3	6.3	6.5	4.7	5.9	5.6
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
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
PST-K10-106D	5.5	4.3	5.3	6.7	5.4	5.7	6.5	4.1	5.8	5.5

TABLE 1. (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
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
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

\* COMMERCIALY AVAILABLE IN THE USA IN 2014.

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

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

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

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

TABLE 2. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 \*/  
 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
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
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
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
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
PST-K10-106D	6.2	5.3	7.3	5.6	4.7	5.8
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
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 2. 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
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
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](http://WWW.NTEP.ORG/LPI_Q&A.PDF)
- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2013 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	KS1	MI1	MN1	NJ1	NJ2	TN1	VA1	WA1	WI1	MEAN
BLUE NOTE	5.9	7.0	7.2	6.6	7.2	6.5	7.8	6.8	6.9	5.6	6.8
PICK 4340	5.7	8.1	7.4	6.9	5.9	6.2	8.0	5.2	7.2	4.9	6.6
A06-46	6.0	7.0	7.5	5.2	6.9	5.7	7.9	7.5	6.2	4.6	6.4
BAR PP 110358	5.7	7.3	7.2	5.2	6.9	6.2	8.0	7.0	5.2	5.0	6.4
KEENELAND (A04-342)	5.5	6.8	6.9	5.8	5.7	6.4	7.9	6.3	6.5	5.9	6.4
A05-361	5.6	6.4	7.4	5.4	6.9	6.2	7.4	6.6	6.8	4.5	6.3
A03-1017	5.6	7.2	7.2	5.8	6.1	6.0	8.3	5.8	6.3	4.6	6.3
MIDNIGHT	5.7	6.7	6.9	4.9	6.7	5.5	8.2	6.4	6.4	5.4	6.3
SRX 4338	5.6	7.7	6.9	6.4	4.9	6.0	7.8	5.9	6.3	5.4	6.3
J-1853	5.8	7.2	6.9	5.7	5.7	6.3	8.1	6.2	6.0	4.7	6.3
SKYE	5.7	7.0	6.8	5.6	6.7	5.6	7.8	6.5	5.9	4.9	6.2
SRX 466	5.9	6.3	6.8	5.3	6.2	5.6	8.2	6.8	6.3	4.9	6.2
PICK 033	5.6	7.2	7.1	5.2	6.1	5.9	7.9	6.7	6.0	4.4	6.2
J-1770	5.6	6.3	7.0	5.3	5.8	6.1	8.2	5.8	6.1	5.8	6.2
A05-360	5.7	6.3	7.0	5.7	5.8	5.2	7.9	7.1	5.9	4.9	6.1
H99-1653	5.6	7.2	7.3	5.4	5.8	5.1	7.5	6.3	5.8	5.4	6.1
J-1136	5.6	6.6	6.3	5.2	5.6	6.4	8.1	6.1	6.5	4.6	6.1
SRX 2758	5.6	6.8	6.5	5.6	6.0	5.8	8.0	5.8	6.6	4.3	6.1
DAUNTLESS (A05-315)	6.0	7.1	7.0	5.0	6.1	5.7	7.3	5.4	6.1	5.2	6.1
Barvette HGT (BAR VV 0709)	5.3	6.8	6.8	4.5	6.9	4.9	7.9	7.1	4.8	6.0	6.1
PICK TD8	5.9	7.2	6.9	5.9	5.9	5.6	7.6	5.4	5.6	4.7	6.1
NU CHICAGO	5.9	7.1	6.4	4.9	5.5	6.0	8.1	5.4	6.3	5.0	6.1
ARROWHEAD	5.7	7.0	7.0	5.9	5.8	5.8	7.5	5.0	6.4	4.5	6.1
LEGEND (A10-1)	6.1	5.9	6.8	5.3	4.7	5.9	7.7	6.9	6.5	4.8	6.1
A00-2882	5.7	7.4	7.5	5.1	5.9	5.3	7.4	5.6	5.9	4.8	6.1
BLUE COAT (AKB 2282)	5.6	6.3	7.3	5.2	6.2	4.9	7.6	5.6	6.6	5.0	6.0
A00-4199	5.7	6.7	7.1	4.7	6.4	5.8	7.3	5.5	6.0	5.0	6.0
SRX 5321	5.7	5.5	7.2	5.8	6.8	5.6	7.4	5.6	5.5	4.7	6.0
A01-1106	5.7	7.4	7.0	4.9	6.8	5.0	7.8	5.3	5.9	3.9	6.0
CABERNET	5.5	7.0	6.5	5.2	5.1	5.1	8.0	7.3	5.0	4.7	5.9
PST-T10-18	5.1	6.6	7.0	5.7	5.6	4.5	7.2	6.7	5.5	5.4	5.9
A04-74	5.9	5.1	6.8	5.4	4.8	5.7	8.2	6.8	6.2	4.4	5.9
SUDDEN IMPACT	5.9	6.2	6.5	5.1	5.3	5.9	8.0	5.9	6.3	4.0	5.9
PP 10847	5.5	7.0	7.1	5.4	4.9	4.8	7.8	5.6	5.3	5.8	5.9
RUBIX (4S2W)	5.2	7.1	6.6	6.1	5.2	5.2	7.5	4.8	6.0	5.4	5.9
ENDURANCE (PST-K4-7)	5.5	6.9	7.0	5.6	5.3	5.6	7.7	5.2	6.0	4.3	5.9
A06-26	5.8	6.0	6.9	5.8	5.6	5.9	7.4	4.8	6.4	4.5	5.9
AVID	6.0	5.7	7.1	5.6	4.0	5.8	7.8	5.5	6.1	5.2	5.9
A98-363	5.8	6.5	7.0	4.3	5.2	5.0	7.8	6.7	5.4	5.2	5.9
LTP-08-6	5.7	6.6	6.6	5.7	4.8	5.3	7.9	5.7	6.2	4.1	5.9
PST-K10-106D	5.6	6.0	7.0	5.1	6.7	5.3	7.8	4.6	5.5	4.8	5.8
BURL 06-11	5.5	6.7	7.3	5.7	4.6	5.3	7.7	5.3	5.6	4.8	5.8
RUSH	6.0	6.2	6.3	5.9	5.7	5.3	7.4	4.6	6.1	4.6	5.8
A06-47	5.9	6.2	7.2	6.2	4.2	5.1	7.7	5.8	5.5	4.3	5.8
OASIS (A98-344)	5.7	5.9	7.1	4.6	4.0	5.5	7.8	7.0	6.1	4.0	5.8

TABLE 3.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*  
2013 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	KS1	MI1	MN1	NJ1	NJ2	TN1	VA1	WA1	WI1	MEAN
SHAMROCK	5.7	6.2	7.3	4.6	5.6	4.7	7.4	5.4	6.0	4.7	5.8
AWARD	4.6	6.5	7.3	5.2	5.6	5.5	7.8	4.8	5.5	4.8	5.8
A04-38	5.5	6.2	5.6	5.1	5.7	5.6	7.3	5.1	6.4	4.9	5.7
BAR 8PP 504	5.4	6.0	7.0	5.2	6.0	5.0	7.4	5.0	5.6	4.9	5.7
BURL 3-51	5.4	5.7	7.2	4.1	3.9	5.5	8.1	5.8	6.5	4.9	5.7
RAD-849	5.3	5.5	6.4	5.3	5.5	5.3	6.4	5.5	6.2	5.3	5.7
BAR VV 112916	5.0	6.3	7.3	5.2	4.4	4.1	7.6	6.2	5.5	5.1	5.7
A04-36	6.0	5.0	6.3	5.4	5.2	5.5	7.1	5.0	5.3	5.6	5.6
RAD-1492	5.1	7.1	6.9	5.3	5.4	5.0	8.1	4.0	5.3	4.1	5.6
PICK MP07	5.0	6.6	7.1	5.0	4.7	4.0	7.6	5.4	5.4	5.3	5.6
PST-K4-3	5.3	6.0	6.7	5.1	5.3	4.9	7.7	5.9	5.0	4.0	5.6
LUNAR (PST-07-261)	4.8	6.1	7.3	4.2	6.0	4.9	7.8	4.9	5.6	4.0	5.6
PST-K9-90	5.0	5.5	6.8	6.2	5.6	5.5	6.5	4.8	5.1	4.5	5.6
BAR PP 119326	6.0	6.1	6.9	4.4	4.6	4.2	7.1	5.9	5.2	5.2	5.6
BAR VV 118532	5.5	6.3	7.1	3.9	4.7	4.3	7.5	6.1	5.3	4.7	5.5
ZINGER (A05-306)	5.5	5.3	7.0	4.3	5.1	5.0	6.7	5.4	5.4	5.5	5.5
AMERICA	5.4	6.3	7.3	4.2	4.8	4.6	7.8	5.0	5.7	4.1	5.5
A05-999	5.2	5.5	6.9	5.3	5.9	4.7	6.8	5.2	4.9	4.7	5.5
EMPIRE	5.8	5.6	7.3	4.2	4.2	5.0	7.7	5.2	6.3	3.8	5.5
PST-K9-97	5.1	6.4	6.9	5.9	4.6	5.4	6.5	4.3	5.8	4.0	5.5
THERMAL BLUE	5.5	6.0	6.9	4.8	4.4	4.1	7.1	6.0	5.1	5.0	5.5
RAD-507	5.6	7.2	6.8	5.5	3.1	3.8	7.5	5.2	5.8	4.2	5.5
A05-TB-382	5.7	5.1	7.3	4.2	5.0	4.8	7.9	5.5	4.6	4.3	5.4
PST-K9-99	5.7	6.2	7.0	4.7	4.3	3.6	7.4	4.5	6.0	4.9	5.4
BARDUKE	5.4	6.7	6.9	4.1	4.4	3.5	7.4	5.3	5.2	4.9	5.4
BARON	5.0	6.2	6.8	4.5	4.3	4.1	7.5	4.3	6.0	4.7	5.3
DPPP 818	5.5	5.0	6.8	4.1	3.9	4.7	7.4	5.6	5.4	4.6	5.3
PPH 9131	5.2	6.0	7.1	5.0	2.9	4.6	7.6	4.4	5.3	4.5	5.3
BAR PP 119327	5.3	5.7	6.8	4.8	4.7	3.8	7.4	3.8	5.7	4.5	5.3
BAR 12PP 612	5.1	6.3	6.7	4.9	4.7	5.2	7.2	2.6	6.1	3.7	5.3
PICK TD9	4.9	5.5	7.2	5.6	3.9	4.7	6.8	4.4	5.3	4.0	5.2
WATERWORKS (A05-204)	5.1	5.6	7.0	4.9	2.6	4.8	7.6	5.4	4.8	4.3	5.2
A05-329	5.0	6.4	7.1	3.8	3.3	4.1	7.2	5.5	5.1	3.3	5.1
KENBLUE	4.5	5.6	6.9	3.7	3.7	3.8	7.6	5.9	4.1	4.8	5.0
AKB 2555	4.6	6.4	7.3	3.9	4.6	4.2	6.7	4.4	4.4	3.8	5.0
BLACKJACK	4.3	5.5	7.1	4.8	5.0	3.6	6.1	3.5	4.7	4.3	4.9
3733	4.7	5.1	6.6	3.7	3.7	4.4	7.5	5.2	3.6	3.5	4.8
LSD VALUE	0.7	1.2	0.7	1.2	1.7	0.7	0.5	1.3	1.0	1.1	0.3
C.V. (%)	8.5	11.6	6.6	14.2	19.7	8.7	3.9	14.0	11.4	14.6	11.4

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 FT<sup>2</sup>/YEAR, IRRIGATION TO PREVENT STRESS OR DORMANCY.

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN AT FOUR LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 2013 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IN1	MD1	UT1	MEAN
PICK 4340	6.3	6.1	5.3	6.0	5.9
A05-360	7.0	6.5	4.6	5.3	5.8
PICK 033	6.3	6.0	4.5	5.6	5.6
SRX 4338	6.0	6.1	4.6	5.7	5.6
NU CHICAGO	6.5	5.6	4.6	5.6	5.6
BLUE NOTE	6.3	6.1	4.9	4.7	5.5
A06-47	6.4	5.6	4.8	5.3	5.5
KEENELAND (A04-342)	6.4	5.9	4.3	5.2	5.5
ARROWHEAD	6.3	5.7	4.8	5.1	5.5
A06-46	6.6	6.0	4.1	5.1	5.5
BURL 06-11	5.4	5.9	5.1	5.3	5.4
A00-2882	6.7	5.9	4.0	5.1	5.4
OASIS (A98-344)	6.8	4.8	5.1	4.9	5.4
A01-1106	6.7	5.6	4.2	5.1	5.4
RUSH	6.5	5.4	5.1	4.6	5.4
BURL 3-51	6.4	5.3	4.3	5.4	5.4
SRX 466	6.2	5.9	4.3	5.2	5.4
J-1136	6.4	5.7	4.5	4.9	5.4
A04-74	6.4	5.7	4.6	4.6	5.3
SRX 5321	6.4	5.9	4.6	4.4	5.3
SUDDEN IMPACT	6.4	5.6	4.7	4.6	5.3
PP 10847	6.0	5.7	4.5	5.0	5.3
A05-361	5.6	5.7	5.3	4.5	5.3
RAD-1492	5.9	6.0	4.3	4.9	5.3
LEGEND (A10-1)	6.2	5.1	4.8	5.0	5.3
SRX 2758	6.4	5.7	4.3	4.4	5.2
BAR 8PP 504	6.0	5.7	4.6	4.6	5.2
BAR PP 110358	6.1	6.2	5.5	3.1	5.2
A03-1017	6.3	5.7	4.2	4.7	5.2
RAD-849	6.1	6.1	4.6	4.0	5.2
EMPIRE	6.7	5.0	3.9	5.1	5.2
A06-26	5.9	5.9	4.4	4.6	5.2
CABERNET	6.1	5.8	4.7	4.2	5.2
DPPP 818	6.1	5.4	4.0	5.2	5.2
LTP-08-6	6.3	5.8	4.5	4.1	5.2
ENDURANCE (PST-K4-7)	6.1	5.5	4.1	5.0	5.1
SKYE	5.6	5.3	4.9	4.7	5.1
A98-363	6.4	5.7	4.8	3.7	5.1
A04-38	5.8	5.3	4.6	4.7	5.1
PICK TD8	5.4	5.6	4.1	5.3	5.1
PICK TD9	6.3	5.8	4.1	4.2	5.1
AVID	6.2	5.2	4.4	4.7	5.1
RUBIX (4S2W)	6.4	6.0	4.3	3.7	5.1
A00-4199	6.2	6.0	3.5	4.6	5.1

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 (CONT'D) GROWN AT FOUR LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2013 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IN1	MD1	UT1	MEAN
AMERICA	5.6	5.5	4.7	4.4	5.1
PST-K10-106D	6.3	5.7	4.0	4.1	5.0
BAR PP 119327	6.6	5.5	3.3	4.7	5.0
BAR VV 118532	7.4	5.0	3.8	4.0	5.0
RAD-507	6.2	5.7	3.3	5.0	5.0
MIDNIGHT	5.8	5.2	4.6	4.4	5.0
BLUE COAT (AKB 2282)	5.3	5.3	4.9	4.4	5.0
WATERWORKS (A05-204)	6.1	4.3	4.3	5.3	5.0
H99-1653	5.5	6.0	4.2	4.2	5.0
BARDUKE	6.3	5.4	3.4	4.8	5.0
LUNAR (PST-07-261)	5.8	5.3	4.3	4.4	5.0
BARON	6.1	5.1	3.9	4.8	5.0
SHAMROCK	6.6	5.1	3.9	4.2	4.9
AWARD	6.0	5.4	4.8	3.5	4.9
PST-K9-97	5.9	3.7	5.3	4.6	4.9
J-1770	5.8	5.6	4.1	4.0	4.9
BAR 12PP 612	5.7	5.5	4.2	4.1	4.9
J-1853	5.4	5.5	4.4	4.1	4.9
A04-36	6.3	5.4	3.7	3.9	4.8
THERMAL BLUE	6.9	5.6	3.0	3.7	4.8
A05-999	5.9	5.4	3.9	3.9	4.8
A05-TB-382	6.3	5.7	4.0	3.0	4.7
DAUNTLESS (A05-315)	6.2	5.5	4.3	3.0	4.7
PST-K4-3	5.7	5.3	4.6	3.3	4.7
ZINGER (A05-306)	6.3	5.2	4.3	3.0	4.7
PPH 9131	6.6	5.2	3.0	4.1	4.7
AKB 2555	6.2	4.2	4.3	4.1	4.7
PST-K9-90	5.2	5.9	4.3	3.4	4.7
PST-K9-99	6.1	4.7	4.0	3.9	4.7
A05-329	6.1	3.1	3.9	5.6	4.6
BLACKJACK	5.9	4.9	3.5	4.1	4.6
BAR PP 119326	6.3	5.4	3.2	3.5	4.6
Barvette HGT (BAR VV 0709)	5.6	5.2	4.0	3.5	4.6
PST-T10-18	5.2	5.7	3.8	3.7	4.6
3733	6.5	4.0	4.2	3.3	4.5
PICK MP07	5.3	5.5	3.5	3.5	4.5
BAR VV 112916	6.0	4.9	3.5	2.7	4.3
KENBLUE	5.4	4.8	3.3	3.0	4.1
LSD VALUE	1.0	0.6	0.8	1.4	0.5
C.V. (%)	10.2	6.8	12.0	20.1	12.4

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

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

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

TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE NORTHEAST REGION  
2013 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ1	NJ2	MEAN	NAME	NJ1	NJ2	MEAN
BLUE NOTE	7.2	6.5	6.8	RUBIX (4S2W)	5.2	5.2	5.2
BAR PP 110358	6.9	6.2	6.6	RAD-1492	5.4	5.0	5.2
A05-361	6.9	6.2	6.5	SHAMROCK	5.6	4.7	5.1
A06-46	6.9	5.7	6.3	PST-K4-3	5.3	4.9	5.1
SRX 5321	6.8	5.6	6.2	A98-363	5.2	5.0	5.1
SKYE	6.7	5.6	6.2	CABERNET	5.1	5.1	5.1
A00-4199	6.4	5.8	6.1	LTP-08-6	4.8	5.3	5.0
MIDNIGHT	6.7	5.5	6.1	ZINGER (A05-306)	5.1	5.0	5.0
PICK 4340	5.9	6.2	6.1	PST-K9-97	4.6	5.4	5.0
A03-1017	6.1	6.0	6.1	PST-T10-18	5.6	4.5	5.0
KEENELAND (A04-342)	5.7	6.4	6.1	BAR 12PP 612	4.7	5.2	5.0
PST-K10-106D	6.7	5.3	6.0	BURL 06-11	4.6	5.3	4.9
J-1853	5.7	6.3	6.0	A05-TB-382	5.0	4.8	4.9
J-1136	5.6	6.4	6.0	AVID	4.0	5.8	4.9
J-1770	5.8	6.1	6.0	PP 10847	4.9	4.8	4.9
PICK 033	6.1	5.9	6.0	OASIS (A98-344)	4.0	5.5	4.8
SRX 466	6.2	5.6	5.9	AMERICA	4.8	4.6	4.7
SRX 2758	6.0	5.8	5.9	BURL 3-51	3.9	5.5	4.7
Barvette HGT (BAR VV 0709)	6.9	4.9	5.9	A06-47	4.2	5.1	4.6
A01-1106	6.8	5.0	5.9	EMPIRE	4.2	5.0	4.6
DAUNTLESS (A05-315)	6.1	5.7	5.9	BAR VV 118532	4.7	4.3	4.5
ARROWHEAD	5.8	5.8	5.8	BAR PP 119326	4.6	4.2	4.4
PICK TD8	5.9	5.6	5.8	AKB 2555	4.6	4.2	4.4
NU CHICAGO	5.5	6.0	5.8	PICK MP07	4.7	4.0	4.3
A06-26	5.6	5.9	5.7	PICK TD9	3.9	4.7	4.3
A04-38	5.7	5.6	5.6	BLACKJACK	5.0	3.6	4.3
A00-2882	5.9	5.3	5.6	DPPP 818	3.9	4.7	4.3
SUDDEN IMPACT	5.3	5.9	5.6	THERMAL BLUE	4.4	4.1	4.3
BLUE COAT (AKB 2282)	6.2	4.9	5.6	BAR VV 112916	4.4	4.1	4.3
PST-K9-90	5.6	5.5	5.5	BAR PP 119327	4.7	3.8	4.2
AWARD	5.6	5.5	5.5	BARON	4.3	4.1	4.2
A05-360	5.8	5.2	5.5	3733	3.7	4.4	4.1
BAR 8PP 504	6.0	5.0	5.5	BARDUKE	4.4	3.5	4.0
RUSH	5.7	5.3	5.5	PST-K9-99	4.3	3.6	3.9
ENDURANCE (PST-K4-7)	5.3	5.6	5.5	PPH 9131	2.9	4.6	3.8
LUNAR (PST-07-261)	6.0	4.9	5.5	A05-329	3.3	4.1	3.7
H99-1653	5.8	5.1	5.4	KENBLUE	3.7	3.8	3.7
SRX 4338	4.9	6.0	5.4	WATERWORKS (A05-204)	2.6	4.8	3.7
RAD-849	5.5	5.3	5.4	RAD-507	3.1	3.8	3.5
A04-36	5.2	5.5	5.3				
A05-999	5.9	4.7	5.3	LSD VALUE	1.7	0.7	0.9
LEGEND (A10-1)	4.7	5.9	5.3	C.V. (%)	19.7	8.7	15.4
A04-74	4.8	5.7	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 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FOUR LOCATIONS 1/  
IN THE TRANSITION REGION  
2013 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	KS1	MD1	TN1	VA1	MEAN
BAR PP 110358	7.3	5.5	8.0	7.0	6.9
CABERNET	7.0	4.7	8.0	7.3	6.7
PICK 4340	8.1	5.3	8.0	5.2	6.6
BLUE NOTE	7.0	4.9	7.8	6.8	6.6
A06-46	7.0	4.1	7.9	7.5	6.6
PICK 033	7.2	4.5	7.9	6.7	6.6
SKYE	7.0	4.9	7.8	6.5	6.5
SRX 4338	7.7	4.6	7.8	5.9	6.5
MIDNIGHT	6.7	4.6	8.2	6.4	6.5
A05-360	6.3	4.6	7.9	7.1	6.5
J-1853	7.2	4.4	8.1	6.2	6.5
Barvette HGT (BAR VV 0709)	6.8	4.0	7.9	7.1	6.4
A05-361	6.4	5.3	7.4	6.6	6.4
A98-363	6.5	4.8	7.8	6.7	6.4
OASIS (A98-344)	5.9	5.1	7.8	7.0	6.4
SRX 466	6.3	4.3	8.2	6.8	6.4
A03-1017	7.2	4.2	8.3	5.8	6.4
J-1136	6.6	4.5	8.1	6.1	6.3
NU CHICAGO	7.1	4.6	8.1	5.4	6.3
LEGEND (A10-1)	5.9	4.8	7.7	6.9	6.3
KEENELAND (A04-342)	6.8	4.3	7.9	6.3	6.3
H99-1653	7.2	4.2	7.5	6.3	6.3
SRX 2758	6.8	4.3	8.0	5.8	6.2
PP 10847	7.0	4.5	7.8	5.6	6.2
SUDDEN IMPACT	6.2	4.7	8.0	5.9	6.2
LTP-08-6	6.6	4.5	7.9	5.7	6.2
BURL 06-11	6.7	5.1	7.7	5.3	6.2
A04-74	5.1	4.6	8.2	6.8	6.2
A01-1106	7.4	4.2	7.8	5.3	6.2
BLUE COAT (AKB 2282)	6.3	4.9	7.6	5.6	6.1
A00-2882	7.4	4.0	7.4	5.6	6.1
A06-47	6.2	4.8	7.7	5.8	6.1
PICK TD8	7.2	4.1	7.6	5.4	6.1
PST-T10-18	6.6	3.8	7.2	6.7	6.1
J-1770	6.3	4.1	8.2	5.8	6.1
PST-K4-3	6.0	4.6	7.7	5.9	6.1
ARROWHEAD	7.0	4.8	7.5	5.0	6.0
DAUNTLESS (A05-315)	7.1	4.3	7.3	5.4	6.0
BURL 3-51	5.7	4.3	8.1	5.8	6.0
ENDURANCE (PST-K4-7)	6.9	4.1	7.7	5.2	6.0
AMERICA	6.3	4.7	7.8	5.0	6.0
AWARD	6.5	4.8	7.8	4.8	6.0
BAR VV 118532	6.3	3.8	7.5	6.1	5.9
BAR VV 112916	6.3	3.5	7.6	6.2	5.9

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT FOUR LOCATIONS 1/  
IN THE TRANSITION REGION  
2013 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				MEAN
	KS1	MD1	TN1	VA1	
RUBIX (4S2W)	7.1	4.3	7.5	4.8	5.9
RAD-1492	7.1	4.3	8.1	4.0	5.9
AVID	5.7	4.4	7.8	5.5	5.8
RUSH	6.2	5.1	7.4	4.6	5.8
A04-38	6.2	4.6	7.3	5.1	5.8
RAD-507	7.2	3.3	7.5	5.2	5.8
LUNAR (PST-07-261)	6.1	4.3	7.8	4.9	5.8
SRX 5321	5.5	4.6	7.4	5.6	5.8
PICK MP07	6.6	3.5	7.6	5.4	5.8
BAR 8PP 504	6.0	4.6	7.4	5.0	5.8
A05-329	6.4	3.9	7.2	5.5	5.7
A00-4199	6.7	3.5	7.3	5.5	5.7
SHAMROCK	6.2	3.9	7.4	5.4	5.7
WATERWORKS (A05-204)	5.6	4.3	7.6	5.4	5.7
BARDUKE	6.7	3.4	7.4	5.3	5.7
A05-TB-382	5.1	4.0	7.9	5.5	5.6
PST-K9-97	6.4	5.3	6.5	4.3	5.6
A06-26	6.0	4.4	7.4	4.8	5.6
PST-K10-106D	6.0	4.0	7.8	4.6	5.6
EMPIRE	5.6	3.9	7.7	5.2	5.6
KENBLUE	5.6	3.3	7.6	5.9	5.6
BAR PP 119326	6.1	3.2	7.1	5.9	5.6
THERMAL BLUE	6.0	3.0	7.1	6.0	5.5
PST-K9-99	6.2	4.0	7.4	4.5	5.5
RAD-849	5.5	4.6	6.4	5.5	5.5
DPPP 818	5.0	4.0	7.4	5.6	5.5
3733	5.1	4.2	7.5	5.2	5.5
BARON	6.2	3.9	7.5	4.3	5.5
ZINGER (A05-306)	5.3	4.3	6.7	5.4	5.4
AKB 2555	6.4	4.3	6.7	4.4	5.4
A05-999	5.5	3.9	6.8	5.2	5.3
PST-K9-90	5.5	4.3	6.5	4.8	5.3
PPH 9131	6.0	3.0	7.6	4.4	5.3
A04-36	5.0	3.7	7.1	5.0	5.2
PICK TD9	5.5	4.1	6.8	4.4	5.2
BAR 12PP 612	6.3	4.2	7.2	2.6	5.1
BAR PP 119327	5.7	3.3	7.4	3.8	5.1
BLACKJACK	5.5	3.5	6.1	3.5	4.7
LSD VALUE	1.2	0.8	0.5	1.3	0.5
C.V. (%)	11.6	12.0	3.9	14.0	10.3

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN AT SIX LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2012 DATA

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

NAME	IA1	IL1	IN1	MI1	MN1	WI1	MEAN
BLUE NOTE	6.3	5.9	6.1	7.2	6.6	5.6	6.3
PICK 4340	6.3	5.7	6.1	7.4	6.9	4.9	6.2
A05-360	7.0	5.7	6.5	7.0	5.7	4.9	6.1
KEENELAND (A04-342)	6.4	5.5	5.9	6.9	5.8	5.9	6.1
SRX 4338	6.0	5.6	6.1	6.9	6.4	5.4	6.1
A06-46	6.6	6.0	6.0	7.5	5.2	4.6	6.0
SRX 5321	6.4	5.7	5.9	7.2	5.8	4.7	6.0
RUBIX (4S2W)	6.4	5.2	6.0	6.6	6.1	5.4	5.9
A00-2882	6.7	5.7	5.9	7.5	5.1	4.8	5.9
A06-47	6.4	5.9	5.6	7.2	6.2	4.3	5.9
PP 10847	6.0	5.5	5.7	7.1	5.4	5.8	5.9
BAR PP 110358	6.1	5.7	6.2	7.2	5.2	5.0	5.9
AVID	6.2	6.0	5.2	7.1	5.6	5.2	5.9
H99-1653	5.5	5.6	6.0	7.3	5.4	5.4	5.9
J-1770	5.8	5.6	5.6	7.0	5.3	5.8	5.9
ARROWHEAD	6.3	5.7	5.7	7.0	5.9	4.5	5.9
A03-1017	6.3	5.6	5.7	7.2	5.8	4.6	5.8
A04-36	6.3	6.0	5.4	6.3	5.4	5.6	5.8
DAUNTLESS (A05-315)	6.2	6.0	5.5	7.0	5.0	5.2	5.8
SRX 466	6.2	5.9	5.9	6.8	5.3	4.9	5.8
A06-26	5.9	5.8	5.9	6.9	5.8	4.5	5.8
THERMAL BLUE	6.9	5.5	5.6	6.9	4.8	5.0	5.8
RUSH	6.5	6.0	5.4	6.3	5.9	4.6	5.8
A04-74	6.4	5.9	5.7	6.8	5.4	4.4	5.8
PICK 033	6.3	5.6	6.0	7.1	5.2	4.4	5.8
A00-4199	6.2	5.7	6.0	7.1	4.7	5.0	5.8
RAD-849	6.1	5.3	6.1	6.4	5.3	5.3	5.8
BURL 06-11	5.4	5.5	5.9	7.3	5.7	4.8	5.7
PST-K10-106D	6.3	5.6	5.7	7.0	5.1	4.8	5.7
A98-363	6.4	5.8	5.7	7.0	4.3	5.2	5.7
PICK TD8	5.4	5.9	5.6	6.9	5.9	4.7	5.7
LEGEND (A10-1)	6.2	6.1	5.1	6.8	5.3	4.8	5.7
NU CHICAGO	6.5	5.9	5.6	6.4	4.9	5.0	5.7
BAR PP 119326	6.3	6.0	5.4	6.9	4.4	5.2	5.7
SRX 2758	6.4	5.6	5.7	6.5	5.6	4.3	5.7
LTP-08-6	6.3	5.7	5.8	6.6	5.7	4.1	5.7
A05-361	5.6	5.6	5.7	7.4	5.4	4.5	5.7
BAR 8PP 504	6.0	5.4	5.7	7.0	5.2	4.9	5.7
PST-T10-18	5.2	5.1	5.7	7.0	5.7	5.4	5.7
J-1853	5.4	5.8	5.5	6.9	5.7	4.7	5.7
SKYE	5.6	5.7	5.3	6.8	5.6	4.9	5.7
SHAMROCK	6.6	5.7	5.1	7.3	4.6	4.7	5.7
MIDNIGHT	5.8	5.7	5.2	6.9	4.9	5.4	5.7
RAD-507	6.2	5.6	5.7	6.8	5.5	4.2	5.6

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2012 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	IA1	IL1	IN1	MI1	MN1	WI1	MEAN
ENDURANCE (PST-K4-7)	6.1	5.5	5.5	7.0	5.6	4.3	5.6
ZINGER (A05-306)	6.3	5.5	5.2	7.0	4.3	5.5	5.6
A01-1106	6.7	5.7	5.6	7.0	4.9	3.9	5.6
CABERNET	6.1	5.5	5.8	6.5	5.2	4.7	5.6
PICK TD9	6.3	4.9	5.8	7.2	5.6	4.0	5.6
J-1136	6.4	5.6	5.7	6.3	5.2	4.6	5.6
BLUE COAT (AKB 2282)	5.3	5.6	5.3	7.3	5.2	5.0	5.6
BAR PP 119327	6.6	5.3	5.5	6.8	4.8	4.5	5.6
PST-K9-90	5.2	5.0	5.9	6.8	6.2	4.5	5.6
SUDDEN IMPACT	6.4	5.9	5.6	6.5	5.1	4.0	5.6
PPH 9131	6.6	5.2	5.2	7.1	5.0	4.5	5.6
BAR VV 118532	7.4	5.5	5.0	7.1	3.9	4.7	5.6
A05-TB-382	6.3	5.7	5.7	7.3	4.2	4.3	5.6
A05-999	5.9	5.2	5.4	6.9	5.3	4.7	5.6
BAR VV 112916	6.0	5.0	4.9	7.3	5.2	5.1	5.6
RAD-1492	5.9	5.1	6.0	6.9	5.3	4.1	5.6
BURL 3-51	6.4	5.4	5.3	7.2	4.1	4.9	5.6
Barvette HGT (BAR VV 0709)	5.6	5.3	5.2	6.8	4.5	6.0	5.6
AWARD	6.0	4.6	5.4	7.3	5.2	4.8	5.5
PICK MPO7	5.3	5.0	5.5	7.1	5.0	5.3	5.5
OASIS (A98-344)	6.8	5.7	4.8	7.1	4.6	4.0	5.5
PST-K9-99	6.1	5.7	4.7	7.0	4.7	4.9	5.5
BARDUKE	6.3	5.4	5.4	6.9	4.1	4.9	5.5
EMPIRE	6.7	5.8	5.0	7.3	4.2	3.8	5.5
DPPP 818	6.1	5.5	5.4	6.8	4.1	4.6	5.4
A04-38	5.8	5.5	5.3	5.6	5.1	4.9	5.4
BARON	6.1	5.0	5.1	6.8	4.5	4.7	5.4
PST-K4-3	5.7	5.3	5.3	6.7	5.1	4.0	5.3
AMERICA	5.6	5.4	5.5	7.3	4.2	4.1	5.3
WATERWORKS (A05-204)	6.1	5.1	4.3	7.0	4.9	4.3	5.3
BAR 12PP 612	5.7	5.1	5.5	6.7	4.9	3.7	5.3
PST-K9-97	5.9	5.1	3.7	6.9	5.9	4.0	5.3
LUNAR (PST-07-261)	5.8	4.8	5.3	7.3	4.2	4.0	5.2
BLACKJACK	5.9	4.3	4.9	7.1	4.8	4.3	5.2
AKB 2555	6.2	4.6	4.2	7.3	3.9	3.8	5.0
KENBLUE	5.4	4.5	4.8	6.9	3.7	4.8	5.0
3733	6.5	4.7	4.0	6.6	3.7	3.5	4.8
A05-329	6.1	5.0	3.1	7.1	3.8	3.3	4.7
LSD VALUE	1.0	0.7	0.6	0.7	1.2	1.1	0.4
C.V. (%)	10.2	8.5	6.8	6.6	14.2	14.6	10.1

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE UPPER WEST/MOUNTAIN REGION  
2013 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN	
PICK 4340	6.0	7.2	6.6	BAR 8PP 504	4.6	5.6	5.1	
SRX 4338	5.7	6.3	6.0	RAD-1492	4.9	5.3	5.1	
BURL 3-51	5.4	6.5	6.0	SHAMROCK	4.2	6.0	5.1	
NU CHICAGO	5.6	6.3	5.9	J-1770	4.0	6.1	5.1	
KEENELAND (A04-342)	5.2	6.5	5.9	J-1853	4.1	6.0	5.1	
BLUE NOTE	4.7	6.9	5.8	RAD-849	4.0	6.2	5.1	
PICK 033	5.6	6.0	5.8	WATERWORKS (A05-204)	5.3	4.8	5.1	
ARROWHEAD	5.1	6.4	5.8	AMERICA	4.4	5.7	5.0	
SRX 466	5.2	6.3	5.8	BARDUKE	4.8	5.2	5.0	
LEGEND (A10-1)	5.0	6.5	5.7	H99-1653	4.2	5.8	5.0	
EMPIRE	5.1	6.3	5.7	LUNAR (PST-07-261)	4.4	5.6	5.0	
J-1136	4.9	6.5	5.7	SRX 5321	4.4	5.5	5.0	
A06-46	5.1	6.2	5.7	PST-K9-99	3.9	6.0	5.0	
A05-361	4.5	6.8	5.6	RUBIX (4S2W)	3.7	6.0	4.8	
A05-360	5.3	5.9	5.6	PST-K10-106D	4.1	5.5	4.8	
A04-38	4.7	6.4	5.5	PICK TD9	4.2	5.3	4.8	
A01-1106	5.1	5.9	5.5	PPH 9131	4.1	5.3	4.7	
A06-26	4.6	6.4	5.5	BAR VV 118532	4.0	5.3	4.7	
OASIS (A98-344)	4.9	6.1	5.5	A04-36	3.9	5.3	4.6	
BLUE COAT (AKB 2282)	4.4	6.6	5.5	CABERNET	4.2	5.0	4.6	
ENDURANCE (PST-K4-7)	5.0	6.0	5.5	DAUNTLESS (A05-315)	3.0	6.1	4.6	
SRX 2758	4.4	6.6	5.5	PST-T10-18	3.7	5.5	4.6	
A00-2882	5.1	5.9	5.5	A98-363	3.7	5.4	4.5	
A03-1017	4.7	6.3	5.5	AWARD	3.5	5.5	4.5	
BURL 06-11	5.3	5.6	5.5	PICK MP07	3.5	5.4	4.5	
PICK TD8	5.3	5.6	5.5	A05-999	3.9	4.9	4.4	
SUDDEN IMPACT	4.6	6.3	5.5	BLACKJACK	4.1	4.7	4.4	
BARON	4.8	6.0	5.4	THERMAL BLUE	3.7	5.1	4.4	
A06-47	5.3	5.5	5.4	BAR PP 119326	3.5	5.2	4.3	
MIDNIGHT	4.4	6.4	5.4	AKB 2555	4.1	4.4	4.3	
A04-74	4.6	6.2	5.4	PST-K9-90	3.4	5.1	4.3	
AVID	4.7	6.1	5.4	ZINGER (A05-306)	3.0	5.4	4.2	
A05-329	5.6	5.1	5.4	PST-K4-3	3.3	5.0	4.2	
RAD-507	5.0	5.8	5.4	BAR PP 110358	3.1	5.2	4.2	
RUSH	4.6	6.1	5.3	Barvette HGT (BAR VV 0709)	3.5	4.8	4.1	
A00-4199	4.6	6.0	5.3	BAR VV 112916	2.7	5.5	4.1	
DPPP 818	5.2	5.4	5.3	A05-TB-382	3.0	4.6	3.8	
SKYE	4.7	5.9	5.3	KENBLUE	3.0	4.1	3.5	
PST-K9-97	4.6	5.8	5.2	3733	3.3	3.6	3.4	
BAR PP 119327	4.7	5.7	5.2					
PP 10847	5.0	5.3	5.2	LSD VALUE	1.4	1.0	0.9	
LTP-08-6	4.1	6.2	5.1	C.V. (%)	20.1	11.4	15.4	
BAR 12PP 612	4.1	6.1	5.1					

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

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

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2013 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	QUALITY RATINGS									MEAN
				MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
A04-74	4.3	80.7	82.3	4.7	5.7	7.0	7.3	8.0	8.3	8.7	8.3	8.3	7.4
KEENELAND (A04-342)	5.0	78.0	84.3	5.0	6.3	7.0	7.3	8.0	8.0	7.7	8.0	7.7	7.2
KENBLUE	5.3	82.7	73.3	4.7	6.0	7.3	7.3	7.3	7.7	7.7	7.3	7.3	7.0
BURL 3-51	5.3	82.0	74.3	5.0	6.0	7.3	8.0	7.7	7.7	7.0	6.0	6.3	6.8
BURL 06-11	5.3	88.3	67.0	5.3	7.0	8.3	7.0	8.0	6.7	6.3	6.0	6.0	6.7
BAR VV 118532	5.3	56.7	46.0	5.0	6.0	6.7	7.0	7.0	6.7	6.3	6.0	7.0	6.4
A05-999	4.7	80.3	57.7	5.7	6.7	7.3	6.3	7.0	6.7	6.3	5.3	5.3	6.3
BAR 8PP 504	6.0	83.0	51.7	5.7	6.7	7.3	6.3	5.7	6.7	6.3	6.3	6.0	6.3
PICK 033	4.7	61.7	45.0	4.3	5.7	6.7	7.0	7.0	7.0	6.7	6.3	6.0	6.3
RAD-849	4.3	74.0	66.3	4.0	5.0	6.3	7.7	7.3	6.7	6.7	6.7	6.0	6.3
BAR VV 112916	6.0	63.3	44.0	5.0	6.0	7.0	5.3	6.3	6.0	6.7	7.0	6.0	6.1
Barvette HGT (BAR VV 0709)	6.3	61.7	41.3	5.0	6.0	7.0	6.0	6.3	5.3	6.0	6.3	5.7	6.0
PST-K9-99	4.7	73.0	45.7	5.0	6.0	7.0	7.3	6.0	6.7	6.0	5.0	5.3	6.0
AMERICA	6.3	48.0	55.7	4.0	5.0	5.7	7.3	7.0	6.7	6.0	5.0	6.3	5.9
SRX 4338	6.7	59.7	54.7	5.3	6.0	6.0	6.3	6.3	6.3	6.0	6.0	4.7	5.9
AWARD	5.3	54.3	58.3	5.0	5.0	6.0	6.0	6.0	6.3	6.0	6.0	6.0	5.8
THERMAL BLUE	6.0	72.0	36.3	5.7	6.3	7.3	6.3	6.0	5.0	5.0	5.0	5.7	5.8
PP 10847	3.3	33.3	36.3	3.3	4.7	5.7	6.3	7.0	6.3	6.0	5.3	6.3	5.7
CABERNET	4.3	49.3	52.0	4.7	5.3	5.7	6.3	6.3	5.7	5.7	5.0	5.3	5.6
PPH 9131	4.7	45.0	38.3	4.0	5.0	6.0	5.7	6.0	6.3	6.0	5.7	6.0	5.6
A05-TB-382	5.3	72.7	57.0	4.0	5.3	7.3	5.7	5.0	5.7	5.7	5.7	5.3	5.5
PICK 4340	6.7	41.7	30.0	4.3	5.3	6.0	6.7	6.0	5.3	5.7	5.3	5.0	5.5
RAD-507	5.0	42.3	44.3	3.7	4.0	4.7	6.3	6.7	6.3	6.3	5.7	5.7	5.5
A00-2882	4.3	41.3	55.0	4.3	5.0	5.7	5.7	6.0	6.0	6.0	5.0	5.0	5.4
A05-361	4.0	64.3	87.3	4.7	5.0	5.0	5.7	6.0	6.0	5.7	5.0	5.3	5.4
OASIS (A98-344)	3.0	59.7	61.0	4.0	5.0	5.7	6.0	6.3	6.0	5.7	5.3	5.0	5.4
BAR PP 119327	4.3	47.0	43.3	3.7	4.3	5.0	6.3	6.3	6.0	5.7	5.7	5.7	5.4
DPPP 818	6.0	51.3	31.7	4.3	5.3	6.0	5.0	5.3	6.0	5.7	5.3	5.3	5.4
A06-47	3.3	40.0	50.7	3.7	4.3	5.0	6.0	6.3	5.7	5.3	5.7	5.7	5.3
AVID	3.0	59.7	53.3	3.3	4.7	5.3	6.3	6.7	6.3	5.7	4.7	4.7	5.3
NU CHICAGO	5.0	47.7	43.3	4.3	4.7	4.7	5.7	5.3	5.3	5.3	5.0	5.7	5.1
A04-36	6.0	40.7	41.0	3.7	4.0	5.0	5.7	5.7	5.0	5.3	5.3	5.0	5.0
DAUNTLESS (A05-315)	6.3	55.3	42.0	4.3	5.0	6.3	5.3	4.7	5.0	5.0	5.0	4.3	5.0
A06-46	4.0	50.3	41.7	4.0	5.0	6.0	6.0	6.3	5.0	4.3	4.0	4.3	5.0
EMPIRE	5.0	42.3	46.3	3.3	3.7	4.3	6.0	6.0	6.3	5.7	5.0	4.7	5.0
LUNAR (PST-07-261)	4.0	40.0	36.7	3.0	4.0	5.0	5.0	5.3	5.3	6.0	6.3	5.3	5.0
A03-1017	5.0	37.7	43.0	2.7	3.7	4.7	6.0	6.0	5.7	5.7	5.0	5.0	4.9
A05-360	6.3	29.0	24.7	3.3	4.0	5.0	5.7	5.3	5.3	5.3	5.0	5.0	4.9
ENDURANCE (PST-K4-7)	6.0	37.3	24.7	4.7	5.0	5.3	5.3	5.3	4.3	4.7	4.7	4.3	4.9
PST-T10-18	7.0	44.0	29.0	4.0	5.0	5.3	5.3	5.7	5.3	5.0	4.3	4.3	4.9
BLUE COAT (AKB 2282)	3.3	27.0	20.0	4.0	4.3	4.7	5.7	5.7	5.0	4.7	4.7	4.7	4.8
A01-1106	4.0	29.7	29.3	4.0	4.3	5.0	5.7	5.3	4.7	4.7	4.3	4.7	4.7
BARON	5.7	57.3	29.3	4.0	5.0	6.0	4.3	3.7	4.7	5.0	5.3	4.3	4.7
4S2W	5.7	36.3	46.3	3.7	4.0	4.3	4.7	5.0	4.7	5.0	5.3	5.0	4.6
WATERWORKS (A05-204)	5.7	23.3	35.0	3.3	3.7	4.7	5.0	5.0	5.0	4.7	4.7	5.0	4.6

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2013 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	QUALITY RATINGS									MEAN
				MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BAR PP 110358	7.3	31.7	13.7	4.0	4.7	5.3	5.3	5.7	4.3	4.3	3.3	4.3	4.6
MIDNIGHT	6.0	31.7	31.3	3.3	4.7	5.3	5.3	5.0	4.0	4.3	4.7	5.0	4.6
PST-K9-97	6.0	38.0	38.0	3.7	3.7	4.0	5.3	5.0	5.3	5.3	5.0	4.3	4.6
BAR PP 119326	6.7	31.3	10.3	4.0	4.7	5.3	5.3	5.0	4.0	3.7	3.3	5.3	4.5
A98-363	5.0	26.0	19.3	4.0	4.3	4.7	4.7	4.7	4.3	4.3	4.3	4.3	4.4
BARDUKE	6.5	40.7	35.7	3.7	4.0	4.7	4.7	4.3	4.0	4.3	4.7	5.3	4.4
PICK TD8	7.0	35.3	16.3	4.0	4.3	4.7	5.3	5.0	4.7	4.0	3.7	4.0	4.4
SKYE	5.0	31.0	21.0	3.7	3.7	4.3	4.7	5.3	4.7	4.3	4.3	5.0	4.4
3733	4.7	43.7	30.0	4.0	4.7	5.0	5.7	3.7	4.0	4.0	4.0	4.0	4.3
SHAMROCK	7.0	35.3	27.3	3.3	4.0	4.3	4.7	5.0	4.3	4.3	4.7	4.0	4.3
SRX 2758	7.3	19.3	22.7	3.3	3.7	4.3	5.3	5.3	5.0	4.0	3.7	4.0	4.3
ZINGER (A05-306)	6.0	41.0	37.7	3.0	4.0	5.0	5.3	5.3	4.0	4.0	3.7	4.0	4.3
PST-K10-106D	5.7	52.0	28.3	3.7	4.3	5.0	4.7	3.7	4.0	4.0	4.0	4.3	4.2
ARROWHEAD	5.3	20.7	20.0	3.3	3.7	4.0	5.0	4.7	4.7	4.0	3.7	4.0	4.1
H99-1653	4.3	45.7	38.7	3.7	4.7	5.3	5.0	3.7	4.3	4.0	3.0	3.3	4.1
LTP-08-6	6.0	31.7	26.7	3.3	3.3	4.0	5.0	5.0	5.0	4.3	3.3	4.0	4.1
SRX 5321	4.7	19.7	20.0	3.0	3.7	4.0	4.7	4.3	4.7	4.3	4.3	4.3	4.1
LEGEND (A10-1)	5.0	40.3	33.0	3.3	3.7	4.0	5.0	5.0	4.0	3.7	3.3	4.3	4.0
BLUE NOTE	8.0	36.0	26.7	3.3	4.0	4.0	4.7	5.0	4.3	3.7	3.0	3.3	3.9
J-1770	4.0	38.0	24.3	3.7	4.0	4.3	4.3	3.7	3.7	3.7	3.7	4.0	3.9
SRX 466	7.7	19.0	21.7	2.7	3.7	4.3	4.3	4.3	4.3	4.0	3.7	3.3	3.9
BLACKJACK	7.0	27.3	19.0	3.7	4.0	4.3	4.7	3.3	4.0	3.7	3.3	3.3	3.8
PICK TD9	7.0	21.0	13.3	3.7	4.3	4.7	4.3	3.0	3.7	3.3	3.3	3.7	3.8
PST-K9-90	2.7	27.3	34.3	3.0	3.3	3.3	4.0	4.3	4.0	3.7	3.3	4.0	3.7
AKB 2555	7.0	16.0	11.7	2.7	3.0	3.7	4.3	3.7	4.0	4.0	3.7	3.3	3.6
PST-K4-3	4.3	21.3	16.0	3.3	3.7	3.7	4.3	4.0	3.3	3.0	2.7	3.7	3.5
RAD-1492	6.7	16.0	9.3	3.3	3.7	4.3	4.3	4.0	3.7	3.0	2.7	2.7	3.5
A04-38	8.0	15.3	6.7	2.3	3.0	4.0	4.3	3.3	3.7	3.3	3.0	4.0	3.4
A05-329	4.0	15.0	19.0	2.7	3.3	4.0	3.3	3.7	3.3	3.3	3.0	3.3	3.3
J-1853	6.0	11.3	16.3	2.7	3.0	3.3	3.3	3.7	3.3	3.3	3.3	3.7	3.3
J-1136	6.7	10.7	8.0	2.7	2.7	2.7	4.0	2.7	3.3	3.0	2.3	3.3	3.0
PICK MP07	4.3	11.3	3.3	2.3	2.7	3.3	3.7	3.3	3.0	3.0	3.0	3.0	3.0
SUDDEN IMPACT	6.7	10.7	9.3	2.7	2.7	2.7	3.0	3.3	3.0	3.3	3.0	3.0	3.0
A06-26	6.0	12.7	7.3	2.7	3.0	3.3	3.3	3.0	3.3	2.7	2.3	2.7	2.9
BAR 12PP 612	3.3	5.7	4.7	2.7	3.0	3.0	3.0	2.3	2.3	2.7	2.7	2.3	2.7
A00-4199	7.3	4.7	2.3	2.3	2.3	2.7	2.7	3.0	2.3	2.3	2.3	2.3	2.5
RUSH	3.0	5.7	4.3	2.0	1.7	1.7	2.7	2.7	2.3	2.0	1.7	2.3	2.1
LSD VALUE	3.6	56.7	65.1	2.2	1.9	4.1	3.1	3.5	3.1	2.6	4.1	3.9	2.6
C.V. (%)	30.2	64.4	76.8	27.5	24.8	34.8	27.4	32.5	31.3	29.0	38.9	34.6	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 10.

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

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

NAME	GENETIC COLOR	LEAF TEXTURE	WEAR TOLERANCE	DENSITY FALL	STEM RUST	POA ANNUA COUNT/PLOT	QUALITY RATINGS							MEAN	
							APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
BLUE NOTE	5.3	6.7	7.3	6.7	7.7	6.3	6.3	6.3	6.7	6.3	6.3	7.3	6.0	6.0	6.4
4S2W	5.3	7.0	8.0	8.0	5.3	6.7	7.0	6.0	6.0	6.3	7.3	7.0	5.3	5.7	6.3
A06-47	5.3	7.0	5.7	7.0	5.0	8.3	6.3	6.3	7.0	7.0	7.0	7.0	4.3	5.3	6.3
BAR PP 110358	6.0	4.7	5.7	5.7	8.0	3.7	6.3	7.0	5.7	5.7	6.3	6.7	6.0	5.7	6.2
H99-1653	6.7	6.7	7.0	6.3	8.7	2.0	6.7	6.3	6.0	5.7	6.7	6.7	5.7	6.0	6.2
PST-T10-18	6.3	6.3	6.3	6.7	8.0	3.7	7.0	7.0	6.3	5.7	6.0	6.3	5.7	5.7	6.2
NU CHICAGO	7.0	5.7	6.7	5.3	8.0	3.0	6.0	7.0	7.0	5.0	6.0	6.3	6.0	5.7	6.1
SRX 4338	6.0	6.3	6.7	6.7	6.7	11.7	6.3	6.7	6.3	5.7	6.7	6.7	5.3	5.3	6.1
J-1136	7.0	5.7	6.3	5.3	8.3	7.7	6.3	6.7	6.3	4.3	5.3	6.7	6.3	6.0	6.0
PP 10847	5.0	7.0	6.3	7.3	7.0	3.3	6.7	6.3	6.3	6.3	7.0	6.3	4.7	4.0	6.0
RAD-1492	8.0	7.0	4.7	6.3	7.3	7.3	7.0	7.0	6.3	5.7	6.3	5.7	5.0	5.0	6.0
A04-74	7.3	5.0	6.7	4.7	7.0	12.3	6.0	6.3	6.7	5.0	6.0	6.3	5.0	5.7	5.9
AVID	7.0	5.0	6.7	5.0	7.7	9.0	6.3	7.0	6.3	5.0	5.7	6.0	5.3	5.3	5.9
Barvette HGT (BAR VV 0709)	5.0	7.0	6.3	6.7	8.0	5.7	6.7	6.3	5.3	5.0	6.7	6.7	5.3	5.3	5.9
J-1770	7.0	5.7	6.7	5.0	8.7	4.7	6.7	6.7	6.0	4.3	6.0	6.3	6.0	5.3	5.9
LEGEND (A10-1)	7.0	5.3	6.3	5.7	7.0	3.7	5.0	7.0	5.7	5.3	6.3	6.3	5.7	5.7	5.9
PICK 4340	6.0	5.7	7.0	5.7	8.0	13.0	6.0	6.7	5.7	5.3	6.3	6.7	5.0	5.3	5.9
SUDDEN IMPACT	7.0	5.0	6.0	4.7	7.7	13.0	6.3	6.7	6.3	4.3	5.3	6.3	6.0	6.0	5.9
J-1853	7.0	5.7	5.3	5.0	7.3	3.0	6.3	6.7	5.7	4.7	5.7	6.3	5.7	5.7	5.8
MIDNIGHT	7.0	5.0	6.7	5.0	8.3	6.7	6.7	7.0	6.3	4.0	5.0	6.0	5.7	6.0	5.8
DAUNTLESS (A05-315)	5.7	6.3	6.3	6.0	5.7	5.7	6.3	6.0	5.3	5.0	6.0	6.0	5.0	5.7	5.7
A06-26	5.7	6.0	5.7	6.3	6.3	9.3	6.0	6.3	5.7	5.0	6.3	6.0	5.0	5.0	5.7
BURL 3-51	7.3	5.3	6.0	4.7	6.0	6.7	6.7	6.3	6.0	4.7	5.7	5.7	5.3	5.0	5.7
EMPIRE	6.3	5.0	6.7	5.0	5.7	7.0	5.7	6.0	6.3	5.0	6.0	6.3	5.0	5.3	5.7
LTP-08-6	7.0	6.0	5.7	5.7	7.0	13.0	5.3	6.0	5.3	5.7	6.3	6.3	5.3	5.3	5.7
ENDURANCE (PST-K4-7)	6.0	6.0	6.7	6.3	6.3	17.0	6.3	5.7	5.3	5.0	6.3	6.7	5.3	4.7	5.7
SRX 2758	6.7	6.0	4.7	6.0	7.0	10.7	5.7	6.3	5.7	5.7	6.0	6.0	5.0	5.0	5.7
A05-360	5.7	6.0	6.3	6.0	6.7	4.7	6.3	6.0	5.3	5.7	5.7	5.7	5.0	5.3	5.6
SKYE	6.0	6.0	4.7	6.0	7.0	4.7	6.0	6.0	5.3	5.0	6.0	6.3	5.0	5.0	5.6
A00-4199	6.0	6.3	6.0	6.3	4.7	6.3	5.7	6.0	6.3	5.7	5.7	6.3	4.3	4.3	5.5
A01-1106	7.0	5.0	6.7	5.0	4.7	6.3	6.0	5.3	5.0	5.0	6.0	6.3	5.0	5.3	5.5
A03-1017	7.3	5.0	6.3	4.7	7.0	8.3	5.7	6.7	5.7	4.0	5.7	5.7	5.3	5.3	5.5
A06-46	6.3	6.0	5.0	6.3	7.0	8.3	5.7	5.3	4.7	5.7	6.3	6.3	5.0	5.0	5.5
KEENELAND (A04-342)	6.0	5.7	6.3	5.7	7.7	25.0	5.7	5.7	5.0	5.7	6.0	6.0	5.0	5.3	5.5
PICK TD8	6.0	6.0	5.3	5.7	8.0	10.3	5.7	6.3	5.7	5.3	5.3	5.7	5.3	5.0	5.5
SRX 5321	5.0	6.0	6.7	5.3	7.0	13.0	6.0	6.0	6.0	4.3	5.3	5.7	5.3	5.7	5.5
A00-2882	7.3	5.0	6.0	5.0	4.7	8.3	6.0	5.3	5.3	5.7	5.7	6.0	4.3	5.0	5.4
AMERICA	5.7	5.3	5.3	5.3	6.7	14.0	5.0	5.3	5.7	5.3	6.0	5.7	5.0	5.0	5.4
ARROWHEAD	7.0	5.3	5.7	5.3	4.3	10.3	5.7	6.0	5.3	5.0	6.0	6.0	4.0	5.0	5.4
BAR PP 119327	5.7	5.7	6.0	5.3	7.3	8.3	6.0	6.0	5.3	5.0	5.7	6.0	5.0	4.0	5.4
BARON	5.7	6.0	5.3	6.0	7.3	6.0	5.7	6.0	6.3	5.0	5.7	5.7	4.7	4.0	5.4
BURL 06-11	5.7	6.0	5.7	5.3	7.0	10.7	5.7	5.0	5.3	5.0	6.0	6.0	5.0	5.3	5.4
PICK 033	6.3	5.7	5.3	5.0	7.0	11.7	6.0	6.0	5.7	5.3	5.7	5.0	4.7	4.7	5.4
PPH 9131	5.7	6.0	5.7	6.0	5.7	2.0	6.0	5.3	5.7	5.3	5.7	6.0	4.7	4.7	5.4
A04-36	5.3	6.3	5.3	5.3	7.3	3.0	6.0	6.3	5.3	4.3	5.0	5.7	5.0	4.7	5.3

TABLE 10.  
(CONT'D)

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

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

NAME	GENETIC COLOR	LEAF TEXTURE	WEAR TOLERANCE	DENSITY FALL	STEM RUST	POA	QUALITY RATINGS								MEAN
						ANNUA COUNT/PLOT	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
A04-38	6.0	6.0	6.0	5.0	6.0	2.7	5.7	6.0	5.0	4.3	5.3	6.0	5.0	5.3	5.3
BAR PP 119326	6.0	6.0	5.3	6.0	6.3	0.0	6.0	6.0	5.3	5.3	6.3	6.0	4.0	3.3	5.3
DPPP 818	5.3	5.7	5.0	5.7	6.3	10.3	6.3	6.3	5.3	4.7	5.3	5.3	4.7	4.3	5.3
PICK MP07	5.0	6.0	5.0	6.0	6.3	3.0	6.0	5.0	5.7	5.0	5.0	6.3	5.0	4.7	5.3
PST-K9-99	5.7	5.7	6.0	5.0	7.0	12.7	5.7	6.0	5.7	4.7	5.3	5.7	5.0	4.7	5.3
RAD-849	7.3	5.7	5.3	4.7	8.0	5.3	6.0	5.7	5.3	4.7	5.3	5.7	5.0	5.0	5.3
AWARD	7.0	5.0	5.7	5.0	8.0	14.0	5.3	6.0	5.0	4.3	5.0	5.7	5.0	5.0	5.2
BAR VV 118532	6.0	6.0	5.3	5.0	8.0	7.3	5.7	5.7	4.7	4.7	5.3	5.3	5.0	5.3	5.2
PST-K4-3	7.0	6.0	6.0	6.0	3.0	5.7	6.0	5.7	5.3	4.0	5.3	6.0	4.3	4.7	5.2
SRX 466	6.3	5.0	5.0	4.7	5.7	9.7	6.0	5.7	5.0	5.0	5.3	5.0	4.7	5.0	5.2
THERMAL BLUE	5.7	5.7	5.0	6.0	5.7	3.0	5.7	5.7	5.7	5.7	6.0	5.3	4.0	3.3	5.2
WATERWORKS (A05-204)	7.0	4.7	6.0	4.3	7.7	9.7	5.0	5.0	5.0	4.7	5.7	5.7	4.7	5.0	5.1
A05-999	6.0	6.0	5.3	6.3	3.3	15.3	5.3	5.3	5.3	5.0	5.0	5.3	4.3	5.3	5.1
A98-363	6.0	5.7	5.3	5.3	6.7	13.7	5.3	5.0	5.3	4.7	5.3	6.0	4.7	4.7	5.1
PST-K9-97	8.0	5.7	6.3	5.7	4.3	22.7	6.0	5.7	5.7	3.7	4.7	5.7	4.3	5.0	5.1
A05-361	6.0	6.0	5.3	4.7	8.7	15.0	6.0	6.7	5.0	4.0	4.0	5.0	5.0	4.7	5.0
BAR 8PP 504	5.3	5.7	5.0	5.0	6.7	11.7	5.3	5.7	5.3	4.3	4.7	5.3	5.0	4.7	5.0
BAR VV 112916	6.0	6.7	7.0	6.0	5.3	15.3	5.0	4.7	5.0	4.7	5.3	5.7	5.0	5.0	5.0
BARDUKE	5.0	6.3	5.7	6.0	7.0	7.0	6.0	5.7	5.3	4.7	5.3	5.0	4.3	3.7	5.0
CABERNET	5.7	5.7	4.7	5.0	5.0	28.3	5.3	5.3	5.0	5.0	5.0	5.7	4.3	4.3	5.0
PST-K9-90	7.0	6.0	5.3	6.0	6.7	13.7	5.7	5.3	5.3	4.3	5.0	5.7	4.7	4.3	5.0
RUSH	7.0	5.0	5.3	5.0	7.3	23.3	6.0	5.7	4.7	3.7	4.7	5.0	4.7	5.3	5.0
BAR 12PP 612	6.3	4.7	4.7	4.0	8.0	14.3	5.3	5.3	4.7	4.0	4.3	5.0	4.7	5.3	4.8
PST-K10-106D	7.3	5.0	4.7	4.7	4.0	11.3	5.7	5.3	5.0	4.3	4.7	5.0	4.0	4.7	4.8
RAD-507	6.3	5.7	5.0	4.7	7.3	16.0	5.0	5.3	5.0	4.7	4.7	5.0	4.0	4.7	4.8
ZINGER (A05-306)	6.3	5.7	4.3	4.7	6.0	8.3	5.3	5.3	5.0	4.0	4.3	5.0	5.0	4.7	4.8
A05-TB-382	7.0	5.7	4.3	3.7	8.3	18.3	6.0	5.7	4.0	3.0	3.7	4.7	4.7	5.3	4.6
OASIS (A98-344)	7.0	4.7	4.3	4.3	6.7	17.3	4.7	4.7	4.3	4.3	4.7	5.0	4.3	4.7	4.6
A05-329	6.3	4.7	4.0	4.0	5.0	28.3	4.3	4.3	4.0	4.0	4.3	4.7	4.3	5.0	4.4
KENBLUE	5.0	6.3	4.7	6.0	4.7	12.0	4.3	4.0	4.3	4.3	5.0	5.0	4.0	4.0	4.4
3733	7.0	4.0	4.7	3.7	5.3	40.7	4.7	4.3	4.7	3.3	4.0	4.7	4.3	4.7	4.3
BLUE COAT (AKB 2282)	6.3	6.0	4.3	4.0	8.3	32.0	5.7	5.7	5.0	2.3	2.7	4.0	4.3	4.3	4.3
LUNAR (PST-07-261)	7.3	5.7	4.7	5.0	4.3	22.0	4.7	4.0	4.3	3.7	5.0	5.0	3.7	4.3	4.3
SHAMROCK	6.3	5.0	3.7	4.0	6.3	16.7	5.0	4.7	4.7	3.3	4.0	4.3	3.7	4.7	4.3
AKB 2555	6.7	5.3	4.3	4.7	5.0	29.0	5.0	4.0	4.7	3.3	4.3	4.7	3.7	4.0	4.2
BLACKJACK	7.0	5.7	3.7	3.7	6.7	27.3	5.0	4.0	3.3	2.7	3.7	4.7	4.0	4.0	3.9
PICK TD9	6.7	5.0	3.3	4.0	5.7	31.0	4.0	3.7	3.0	3.0	4.7	5.0	4.0	3.7	3.9
LSD VALUE	0.7	0.8	1.1	1.0	1.0	8.9	1.3	1.2	1.5	0.9	0.9	0.9	0.9	0.9	0.6
C.V. (%)	7.4	8.6	12.3	11.4	10.3	50.0	11.9	12.6	14.9	11.7	10.7	10.0	10.8	11.2	7.5

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 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2013 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BLUE COAT (AKB 2282)	6.0	8.3	9.0	7.7	7.0	6.3	6.0	3.7	6.8
A05-TB-382	5.7	8.0	8.0	7.7	7.0	6.7	7.0	3.7	6.7
AMERICA	5.3	8.0	8.3	8.0	7.0	6.3	6.7	3.3	6.6
BLUE NOTE	5.3	8.0	8.0	8.0	7.3	6.3	6.7	3.0	6.6
SRX 5321	5.0	8.0	8.0	8.0	7.3	6.7	6.3	3.7	6.6
A00-2882	5.3	7.3	8.0	8.0	7.7	6.7	6.3	2.7	6.5
A01-1106	5.7	7.0	8.0	7.7	7.7	6.7	6.3	3.3	6.5
A05-329	5.7	7.3	7.7	7.7	7.3	6.7	6.0	3.3	6.5
BAR 8PP 504	5.3	7.7	8.0	8.0	7.3	6.3	6.0	3.0	6.5
EMPIRE	5.3	7.3	8.3	8.0	7.3	6.3	5.7	3.3	6.5
H99-1653	6.0	8.3	8.0	7.7	7.0	6.0	6.0	2.7	6.5
PICK 033	5.3	7.3	8.0	7.7	7.7	6.3	6.3	3.0	6.5
PPH 9131	5.7	7.3	7.7	8.0	7.3	6.7	6.3	2.7	6.5
WATERWORKS (A05-204)	5.3	7.0	8.0	7.3	7.3	6.7	6.3	3.0	6.4
A98-363	5.7	7.3	8.0	7.0	7.0	6.3	6.3	4.0	6.4
AVID	5.3	7.0	8.0	7.7	7.3	6.3	6.3	3.3	6.4
PICK 4340	5.0	7.0	7.7	7.7	7.3	6.7	6.7	3.0	6.4
LUNAR (PST-07-261)	4.7	7.0	7.7	7.7	7.7	7.0	6.3	3.3	6.4
ENDURANCE (PST-K4-7)	5.0	7.3	8.0	7.7	7.0	6.0	6.7	3.3	6.4
ZINGER (A05-306)	5.0	8.0	8.0	8.0	7.0	6.0	6.0	3.3	6.4
DAUNTLESS (A05-315)	5.0	6.7	7.7	7.7	7.7	6.3	6.0	3.0	6.3
A06-47	5.3	7.0	8.0	7.3	7.3	6.0	6.3	3.3	6.3
AKB 2555	5.7	7.3	7.7	8.0	7.3	6.7	5.7	1.7	6.3
AWARD	5.3	7.3	8.0	7.7	7.0	6.0	6.0	3.0	6.3
BURL 06-11	5.3	7.3	7.7	7.7	7.0	6.3	5.7	3.0	6.3
PICK TD9	5.0	7.7	8.0	7.7	7.0	6.3	5.7	3.3	6.3
SHAMROCK	5.3	7.0	7.7	7.7	7.3	6.3	6.0	3.3	6.3
A03-1017	5.0	6.7	7.7	8.0	7.0	6.3	5.7	3.0	6.2
A05-361	5.0	7.0	8.0	8.0	7.7	6.3	5.3	2.3	6.2
A06-46	5.7	6.7	7.5	7.7	7.3	6.3	6.0	2.7	6.2
BAR VV 112916	5.0	6.7	8.0	8.0	7.3	6.0	6.0	2.3	6.2
PICK MP07	5.0	7.3	7.7	7.7	7.0	6.3	6.0	2.3	6.2
PST-K9-97	5.0	6.7	8.0	7.7	7.0	6.0	6.0	3.3	6.2
PST-K9-99	5.0	6.7	7.7	8.3	7.7	7.0	5.0	2.3	6.2
A05-360	4.3	6.7	7.3	7.7	7.0	6.7	6.3	3.0	6.1
OASIS (A98-344)	5.0	7.7	8.0	7.3	7.0	6.0	5.7	2.3	6.1
BAR VV 118532	5.3	7.3	7.7	7.3	7.0	5.7	5.3	3.0	6.1
BARDUKE	4.7	6.0	7.3	7.3	7.7	6.3	6.0	3.3	6.1
BARON	5.7	7.5	8.0	7.0	7.3	6.3	5.7	3.0	6.1
BURL 3-51	5.0	7.3	7.7	7.7	7.7	6.3	5.3	1.7	6.1
KENBLUE	5.0	7.0	7.7	7.3	7.0	6.7	5.7	2.7	6.1
MIDNIGHT	5.3	6.3	7.3	7.0	7.7	6.0	6.0	3.0	6.1
SKYE	5.0	7.3	7.7	8.0	7.0	6.0	5.7	2.0	6.1
3733	5.0	6.3	7.7	7.0	7.0	6.0	6.3	2.7	6.0
A00-4199	5.3	7.0	7.3	7.7	7.0	6.3	5.7	2.0	6.0

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2013 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
A04-74	5.3	6.3	7.7	7.0	7.0	5.7	6.0	3.3	6.0
A05-999	5.3	7.0	8.0	7.7	7.3	5.3	5.0	2.7	6.0
ARROWHEAD	4.3	6.3	8.0	8.0	7.7	6.0	5.0	2.3	6.0
BLACKJACK	5.0	6.7	7.7	7.7	7.0	6.3	5.0	3.0	6.0
J-1770	5.0	6.7	7.3	7.3	7.3	6.0	5.7	2.3	6.0
KEENELAND (A04-342)	4.7	6.3	7.3	7.3	7.3	6.0	5.3	3.3	6.0
PST-K10-106D	4.7	7.0	7.7	7.3	6.7	6.0	6.0	2.7	6.0
PST-K9-90	5.3	7.3	8.0	7.0	7.0	5.3	4.7	3.0	6.0
PST-T10-18	5.0	6.7	7.3	7.7	7.0	6.0	5.3	2.7	6.0
SRX 4338	4.7	6.3	7.7	8.0	7.3	6.0	5.7	2.7	6.0
BAR PP 110358	5.0	6.7	7.7	7.3	7.0	6.0	5.3	2.0	5.9
BAR PP 119326	5.0	7.3	7.7	7.7	6.3	5.3	5.0	3.0	5.9
BAR PP 119327	5.7	6.7	8.0	7.3	7.0	5.7	5.7	2.3	5.9
LTP-08-6	4.3	7.0	8.0	7.7	7.0	6.0	6.3	3.3	5.9
PP 10847	4.7	6.7	7.7	7.3	7.0	6.3	5.7	1.7	5.9
RAD-1492	5.3	6.3	7.3	7.3	7.3	6.3	5.0	2.0	5.9
SRX 466	4.7	6.7	8.0	7.7	7.3	6.3	5.3	2.3	5.9
4S2W	4.7	6.0	7.3	6.7	7.3	6.0	5.7	3.0	5.8
A06-26	4.7	6.3	7.5	7.3	7.3	6.0	5.7	2.3	5.8
Barvette HGT (BAR VV 0709)	4.3	6.3	7.7	7.3	7.0	5.3	5.7	2.3	5.8
PICK TD8	4.7	7.0	8.0	7.0	6.7	5.3	6.0	2.7	5.8
PST-K4-3	4.7	6.0	7.0	6.7	7.0	6.0	6.0	3.0	5.8
RAD-507	5.3	6.7	8.0	7.0	6.7	5.7	5.3	2.0	5.8
SUDDEN IMPACT	5.0	6.5	7.5	6.7	7.0	6.0	6.3	3.3	5.8
J-1853	5.0	7.0	7.7	7.3	7.0	6.0	4.0	1.3	5.7
BAR 12PP 612	4.7	6.7	7.5	8.0	7.3	6.3	5.0	2.0	5.6
CABERNET	5.7	7.0	7.3	7.3	6.0	5.0	4.7	2.0	5.6
THERMAL BLUE	4.7	7.0	7.5	6.7	7.3	6.3	5.0	2.3	5.6
LEGEND (A10-1)	4.3	6.7	7.5	7.0	7.3	6.0	4.7	1.7	5.5
A04-36	5.0	5.7	6.0	6.3	7.0	5.3	5.3	2.7	5.4
RUSH	4.0	5.0	7.5	7.3	7.5	5.3	6.0	2.3	5.4
SRX 2758	4.3	6.5	7.5	6.7	7.0	6.0	5.7	2.7	5.4
NU CHICAGO	3.3	6.0	7.5	6.7	7.0	6.0	5.3	2.3	5.3
J-1136	4.0	6.0	7.0	6.0	6.5	4.7	5.3	4.0	5.2
DPPP 818	4.3	6.0	8.0	8.0	7.5	5.7	4.3	1.7	5.1
RAD-849	4.7	5.3	7.5	6.7	7.5	5.3	4.0	2.0	5.0
A04-38	4.0	5.5	8.0	7.0	6.5	4.7	4.0	2.0	4.4
LSD VALUE	2.7	3.5	1.8	2.3	2.5	3.1	4.3	2.7	2.4
C.V. (%)	15.6	14.4	7.1	9.5	7.9	13.0	18.9	32.7	11.1

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 12.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 AT GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
 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
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
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
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
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
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 12.  
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
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
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
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
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
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 12. (CONT'D)

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

NAME	UNIFORMITY AFTER 16 PASSES (MAY)			%FULLNESS OF CANOPY			PERCENT GREEN COVER		
	NO WEAR	CADY	RUTGERS	AFTER 16 PASSES TRAFFIC (MAY)	AFTER 16 PASSES TRAFFIC (MAY)	AFTER 16 PASSES TRAFFIC (MAY)	AFTER 16 PASSES TRAFFIC (MAY)	AFTER 16 PASSES TRAFFIC (MAY)	AFTER 16 PASSES TRAFFIC (MAY)
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
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
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
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
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
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 12. (CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
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
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
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
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
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
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 12.  
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
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
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
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
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
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
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 12.  
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
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
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
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
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
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 12. (CONT'D)

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

NAME	UNIFORMITY AFTER 16 PASSES (AUG)			%FULLNESS OF CANOPY AFTER 16 PASSES TRAFFIC (AUG)			PERCENT GREEN COVER AFTER 16 PASSES TRAFFIC (AUG)		
	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
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
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
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
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
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 12. (CONT'D)

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

NAME	UNIFORMITY AFTER 16 PASSES (AUG)			%FULLNESS OF CANOPY AFTER 16 PASSES TRAFFIC (AUG)			PERCENT GREEN COVER AFTER 16 PASSES TRAFFIC (AUG)		
	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS	NO WEAR	CADY	RUTGERS
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
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
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
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
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 13. 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
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
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
PP 10847	6.0	7.7	7.0	5.7	6.3	7.7	7.7
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
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
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 13. 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	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_12
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
PST-K10-106D	6.3	7.7	6.7	5.7	6.0	7.3	6.7
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
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 13. (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
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
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
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
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
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
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 13. (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
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
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
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 13. (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		
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
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
PP 10847	40.7	46.0	52.7	56.0	60.0	55.7	52.7	56.0	20.0	12.7
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
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
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 13. (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
PST-K10-106D	42.0	44.7	60.0	54.3	61.3	59.0	60.0	54.3	11.7	28.7
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
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 14.

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

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER FALL	STEM RUST	MAY	JUN	JUL	QUALITY RATINGS				MEAN
									AUG	SEP	OCT	NOV	
Barvette HGT (BAR VV 0709)	4.3	7.0	50.0	99.0	2.0	6.0	5.0	5.7	6.3	6.3	7.3	6.7	6.2
H99-1653	6.0	5.7	62.7	97.7	2.7	5.0	5.0	6.3	6.3	5.3	6.3	5.7	5.7
ZINGER (A05-306)	5.3	5.7	62.7	96.3	3.0	5.3	5.0	5.7	5.7	6.0	6.3	6.0	5.7
A98-363	6.3	5.7	54.3	96.3	2.3	5.0	5.7	5.3	6.0	5.0	6.7	5.7	5.6
BAR PP 110358	5.0	6.0	63.0	96.3	2.0	5.7	5.3	5.7	5.7	5.3	6.3	5.0	5.6
BAR VV 112916	5.3	5.3	58.3	96.3	2.7	5.0	5.3	5.7	6.0	5.0	6.0	6.0	5.6
SKYE	6.0	6.0	62.7	96.3	2.0	6.0	5.0	5.7	5.7	5.3	6.0	5.7	5.6
A05-360	6.3	6.0	42.0	95.0	4.3	5.0	5.7	6.0	6.3	5.0	5.0	5.7	5.5
PP 10847	5.7	5.7	62.7	96.0	3.0	5.7	5.0	6.0	5.7	5.0	5.3	5.7	5.5
A04-38	6.0	5.7	54.3	96.3	3.7	5.3	5.0	5.7	5.3	5.7	5.3	5.3	5.4
AVID	8.0	6.0	58.3	91.3	3.0	5.0	5.7	5.3	5.7	5.7	5.3	5.0	5.4
BAR 8PP 504	5.7	5.0	58.7	96.3	2.7	5.0	5.0	6.0	5.3	5.3	6.3	5.0	5.4
BLUE NOTE	6.3	5.0	54.3	95.0	3.7	5.3	5.7	6.0	5.3	5.3	5.0	5.0	5.4
KEENELAND (A04-342)	7.3	5.0	58.7	91.3	2.7	5.0	5.7	6.0	6.3	4.3	5.3	5.0	5.4
PST-T10-18	4.7	5.7	54.3	95.0	2.0	5.7	5.3	5.3	6.0	4.7	5.7	5.0	5.4
A04-36	5.0	6.0	54.3	96.3	2.0	5.7	5.3	5.7	5.3	4.7	5.7	5.0	5.3
BAR VV 118532	5.3	6.0	58.3	96.0	3.7	5.7	5.0	5.7	5.0	4.3	5.7	5.7	5.3
DAUNTLESS (A05-315)	6.0	5.3	54.3	96.0	3.0	5.3	5.3	5.0	5.3	5.3	5.3	5.3	5.3
SRX 4338	7.0	4.7	54.3	96.3	2.0	4.7	5.7	5.7	5.3	5.0	5.7	5.0	5.3
J-1770	7.7	5.3	62.7	91.7	2.3	5.3	5.3	5.3	5.0	5.0	5.3	5.3	5.2
KENBLUE	4.3	5.7	63.0	97.7	2.0	4.7	4.3	5.3	5.3	5.3	6.3	5.3	5.2
RAD-849	5.7	5.0	58.7	93.3	2.0	5.0	5.0	5.3	6.0	4.7	5.3	5.0	5.2
BARON	7.3	4.0	42.0	97.7	2.7	4.0	4.3	5.0	5.0	6.0	6.3	5.3	5.1
BLUE COAT (AKB 2282)	7.3	4.7	54.3	94.7	2.7	4.7	5.3	4.7	5.0	5.0	5.3	5.7	5.1
BURL 06-11	7.3	6.0	54.7	95.0	2.0	5.7	5.3	5.0	4.3	4.7	5.3	5.7	5.1
DPPP 818	6.7	5.0	42.0	96.3	2.0	4.3	4.3	5.3	5.3	5.7	5.7	5.3	5.1
SRX 2758	6.7	6.7	58.3	93.3	3.0	5.3	6.0	5.3	4.7	4.0	5.3	5.0	5.1
A00-2882	7.7	6.3	37.7	85.0	5.0	4.3	5.7	6.3	5.7	5.3	4.0	3.3	5.0
A03-1017	8.0	5.3	54.3	91.3	3.3	4.7	5.7	5.3	5.0	4.7	4.7	5.0	5.0
A05-999	5.3	4.0	46.0	96.0	4.3	4.0	5.0	5.7	5.0	5.3	5.0	4.7	5.0
AWARD	8.0	6.0	46.3	93.3	3.0	5.0	5.0	5.3	5.3	4.7	5.3	4.3	5.0
BAR PP 119326	5.7	6.0	62.7	96.0	4.0	5.3	5.0	5.7	5.0	4.7	4.7	4.7	5.0
BARDUKE	6.7	4.7	50.3	94.7	2.0	4.7	4.3	5.3	5.3	5.0	5.7	5.0	5.0
CABERNET	6.0	6.3	50.3	91.7	3.0	5.3	5.0	5.7	4.7	4.7	4.7	4.7	5.0
MIDNIGHT	8.0	5.3	54.3	91.7	3.3	5.3	5.3	5.7	5.0	4.3	4.7	4.3	5.0
PICK 033	6.7	6.0	46.0	95.0	2.7	5.3	5.3	5.3	4.7	4.3	5.3	5.0	5.0
PICK MP07	5.3	5.0	50.0	97.7	2.0	5.0	4.7	4.7	5.7	5.0	5.0	5.3	5.0
PPH 9131	6.7	5.0	46.0	88.3	2.7	4.7	5.0	6.0	5.3	4.3	5.3	4.3	5.0
SRX 466	7.0	7.0	50.3	91.7	3.0	5.7	5.3	6.0	4.3	4.7	4.7	4.7	5.0
THERMAL BLUE	5.7	4.7	50.0	96.3	4.0	4.7	4.7	5.7	5.7	5.3	5.0	4.0	5.0
BAR PP 119327	6.7	5.0	50.3	88.3	3.3	5.3	5.3	5.7	4.7	4.3	4.3	4.3	4.9
BURL 3-51	8.0	6.3	54.3	91.7	2.7	5.0	4.7	5.7	4.7	4.3	5.0	4.7	4.9
PICK 4340	7.0	4.7	58.7	86.7	2.7	4.7	5.7	5.7	5.0	5.0	4.0	4.3	4.9
PICK TD8	7.3	5.3	54.3	93.3	2.3	5.3	5.0	5.3	4.3	4.3	5.3	4.7	4.9
PST-K10-106D	7.0	5.7	62.7	78.3	5.0	5.3	5.3	5.7	5.7	4.7	3.7	3.3	4.8

TABLE 14. (CONT'D)

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

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	STEM RUST	MAY	JUN	JUL	QUALITY RATINGS				MEAN
			COVER SPRING	COVER FALL					AUG	SEP	OCT	NOV	
PST-K9-99	5.3	4.7	54.7	88.0	3.3	4.7	4.7	5.3	5.3	4.7	5.0	4.0	4.8
RUBIX (4S2W)	6.0	5.0	42.0	90.0	4.0	4.0	4.7	5.7	5.3	4.7	4.7	4.3	4.8
SRX 5321	7.3	5.3	50.3	91.7	3.0	4.7	5.0	5.3	4.3	4.3	5.0	5.0	4.8
A00-4199	7.3	5.0	42.0	86.3	4.0	4.3	4.7	5.7	5.0	4.7	4.3	4.0	4.7
A06-46	7.0	5.7	54.3	91.7	2.0	5.3	4.7	5.0	4.3	4.3	4.7	4.7	4.7
ARROWHEAD	7.0	5.3	50.0	90.0	3.0	5.0	6.0	5.0	4.3	4.0	4.7	4.0	4.7
BLACKJACK	7.0	4.0	54.3	88.3	3.0	4.7	4.3	5.3	5.0	4.7	4.7	4.0	4.7
ENDURANCE (PST-K4-7)	8.0	4.3	46.0	93.0	3.3	4.0	4.7	5.0	5.0	5.0	4.3	5.0	4.7
NU CHICAGO	8.0	5.3	50.0	91.3	3.0	4.7	4.3	5.0	4.7	4.7	5.0	4.3	4.7
A05-361	6.7	6.0	42.0	90.0	3.3	4.3	6.0	5.3	4.0	4.0	4.0	4.3	4.6
SHAMROCK	5.7	5.7	62.7	88.3	5.0	5.7	5.0	4.7	4.7	4.0	3.7	4.3	4.6
WATERWORKS (A05-204)	8.0	5.0	50.3	88.3	2.7	4.3	4.0	4.7	4.7	5.0	4.7	4.0	4.5
J-1136	7.7	5.0	50.3	88.3	3.3	4.7	4.7	5.0	4.3	4.3	4.3	4.0	4.5
J-1853	7.3	5.3	42.0	90.0	3.0	4.3	4.7	5.0	5.0	4.3	4.3	4.0	4.5
PICK TD9	5.7	4.7	42.0	90.0	2.7	4.3	5.0	5.0	4.0	4.0	4.3	4.7	4.5
SUDDEN IMPACT	8.0	5.3	54.3	85.0	2.3	4.7	4.7	5.0	4.3	4.3	4.3	4.3	4.5
A06-26	7.0	4.7	42.0	93.3	3.3	4.0	4.3	5.3	4.3	4.7	4.0	4.3	4.4
AMERICA	7.0	4.3	42.0	85.0	4.3	4.0	4.3	5.0	5.0	4.0	4.0	4.3	4.4
RUSH	7.3	4.3	62.7	85.0	5.7	5.0	5.0	5.3	4.3	4.0	3.3	4.0	4.4
LEGEND (A10-1)	8.0	5.7	37.7	86.7	2.7	4.0	5.0	5.0	3.7	4.3	4.0	4.0	4.3
PST-K4-3	7.0	6.0	50.3	83.3	5.0	5.0	4.3	4.7	4.0	3.7	4.3	4.0	4.3
PST-K9-90	7.3	4.7	46.0	89.7	4.3	4.0	4.0	5.3	4.3	5.0	3.7	3.7	4.3
RAD-507	7.0	5.7	50.0	90.0	3.0	5.7	4.0	4.0	4.0	3.7	4.3	4.3	4.3
A01-1106	8.0	5.0	46.3	86.7	4.7	4.3	4.7	5.0	4.3	3.7	3.7	3.7	4.2
A05-TB-382	6.3	5.3	42.0	88.3	2.3	4.7	4.0	5.0	3.7	3.7	4.3	4.0	4.2
AKB 2555	7.0	3.7	50.3	76.7	2.7	4.0	5.0	5.3	3.7	4.0	3.7	4.0	4.2
LTP-08-6	8.0	6.3	42.0	86.7	2.3	4.3	4.3	5.3	4.0	3.3	4.0	4.0	4.2
RAD-1492	7.3	5.7	46.0	83.3	2.3	4.7	5.0	5.0	3.7	3.7	3.7	4.0	4.2
A04-74	8.0	5.3	54.0	86.7	3.3	4.3	3.7	4.7	4.0	3.7	3.7	4.0	4.0
OASIS (A98-344)	8.0	5.7	42.0	86.7	3.3	4.0	4.7	4.7	3.3	3.7	3.7	3.7	4.0
EMPIRE	8.0	6.0	33.7	88.3	4.7	3.7	4.0	5.0	3.7	3.3	3.7	3.7	3.9
LUNAR (PST-07-261)	7.3	4.7	50.0	81.7	3.7	5.0	4.3	4.7	3.0	3.0	3.3	3.3	3.8
A06-47	7.3	4.3	25.3	73.3	5.7	3.3	4.0	5.0	4.0	3.7	3.0	3.0	3.7
PST-K9-97	7.7	5.7	42.0	65.0	3.0	4.7	4.0	3.7	3.3	3.3	3.3	3.0	3.6
BAR 12PP 612	7.3	5.0	38.0	81.7	5.0	4.0	3.3	4.0	3.0	2.7	3.7	3.7	3.5
3733	8.0	5.0	25.0	75.0	3.3	3.0	3.0	4.0	3.3	3.3	3.3	3.3	3.3
A05-329	8.0	6.0	21.0	56.7	4.0	3.0	4.0	4.7	3.3	3.0	2.3	2.3	3.2
LSD VALUE	1.1	1.7	20.2	14.4	1.6	1.3	1.7	1.3	1.7	1.8	1.6	1.5	1.0
C.V. (%)	10.8	15.5	20.7	8.7	29.0	14.5	15.8	11.7	18.8	19.3	19.2	18.6	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 15.

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

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

NAME	GENETIC						QUALITY RATINGS												MEAN
	COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BAR PP 110358	6.7	6.7	7.0	7.7	7.3	8.0	6.7	6.3	6.3	6.7	6.3	5.7	5.7	5.0	4.7	6.0	7.0	7.0	6.1
SRX 466	8.0	6.0	6.7	6.7	5.7	7.3	6.3	5.7	5.7	5.7	6.0	5.7	5.3	6.3	5.7	6.3	6.7	7.0	6.0
SKYE	7.7	4.7	7.3	7.0	7.3	8.7	6.0	5.0	4.3	5.0	6.0	5.3	6.0	6.0	4.7	5.7	6.7	7.3	5.7
A05-TB-382	7.7	6.0	6.3	6.0	5.7	7.0	5.0	5.0	5.0	5.0	5.7	4.7	4.7	5.3	5.3	7.0	7.3	6.7	5.6
Barvette HGT (BAR VV 0709)	6.0	5.0	8.0	8.0	7.0	8.0	6.3	6.3	5.7	5.0	4.0	3.3	4.0	6.0	6.0	7.0	7.0	6.0	5.6
J-1770	7.7	4.7	7.0	7.3	7.0	7.7	6.7	5.7	4.7	4.7	5.7	6.0	5.3	5.7	4.7	5.0	6.3	6.7	5.6
J-1853	8.0	4.7	7.3	7.3	6.7	7.7	6.3	5.3	5.3	4.7	5.7	6.0	5.7	5.0	4.3	5.3	6.7	6.7	5.6
BLUE NOTE	8.0	4.7	7.3	6.7	6.3	8.0	6.3	5.0	5.0	5.3	5.7	5.7	6.0	5.3	4.0	5.0	6.0	6.3	5.5
EMPIRE	7.7	5.0	6.7	5.3	5.0	7.7	5.3	5.0	4.7	4.0	4.7	4.7	5.0	5.7	5.7	6.7	7.3	7.3	5.5
J-1136	8.0	4.3	6.7	6.3	6.7	8.0	6.0	5.3	4.3	4.7	5.0	6.0	5.7	5.0	4.3	5.7	6.3	7.3	5.5
AWARD	7.7	4.0	6.7	7.0	6.0	7.7	6.7	5.7	4.7	4.3	5.7	5.3	5.0	5.3	4.3	5.0	6.0	6.3	5.4
MIDNIGHT	8.0	4.7	6.7	6.7	7.0	7.7	6.7	5.7	5.0	4.3	5.3	5.3	5.7	5.0	4.0	5.3	6.3	6.0	5.4
PICK 033	7.3	5.7	7.3	6.0	6.0	7.7	4.7	4.7	4.7	5.0	6.0	6.0	5.3	5.3	4.3	5.7	6.3	6.7	5.4
A98-363	7.3	5.3	6.7	7.3	6.3	7.3	4.7	4.7	4.3	4.3	5.3	5.0	5.0	4.7	5.0	6.7	7.0	6.3	5.3
CABERNET	7.0	4.7	7.0	6.7	7.0	7.7	5.3	5.0	5.0	5.7	6.0	4.7	4.7	4.7	4.7	5.3	6.0	6.3	5.3
NU CHICAGO	8.0	4.3	6.7	7.0	7.0	7.7	6.0	5.7	4.7	4.0	5.0	5.7	5.3	5.0	4.0	5.0	6.0	6.7	5.3
A06-46	7.0	5.7	7.7	7.7	7.0	8.0	6.0	5.7	5.3	5.3	5.3	5.0	5.7	4.7	4.0	5.0	5.3	5.3	5.2
A04-74	8.3	4.3	7.0	6.3	6.0	7.7	5.3	4.7	4.7	4.7	4.7	5.7	5.3	4.7	4.0	5.0	6.3	6.3	5.1
ARROWHEAD	8.0	4.0	7.7	7.7	7.7	8.0	6.0	4.3	4.0	5.0	6.0	6.3	6.0	4.7	4.0	4.3	4.7	4.3	5.0
LUNAR (PST-07-261)	8.3	5.7	6.7	6.0	5.0	7.3	5.0	5.0	5.0	4.3	5.3	5.3	5.0	4.7	3.7	5.0	6.0	5.7	5.0
KEENELAND (A04-342)	8.0	5.0	7.7	7.7	7.3	8.0	5.7	5.3	5.0	5.3	5.7	5.3	5.0	4.0	3.7	4.0	4.3	5.3	4.9
LTP-08-6	8.0	5.0	7.3	6.3	6.3	8.0	5.3	4.7	4.3	4.7	5.0	6.0	5.3	4.0	4.0	4.3	5.3	5.3	4.9
PICK 4340	8.0	5.0	7.7	7.3	6.3	8.3	5.3	5.0	5.0	5.0	5.7	5.7	4.3	3.7	3.7	4.7	5.0	5.3	4.9
PST-K9-99	6.3	3.7	6.3	7.3	6.7	7.3	5.7	4.7	4.7	4.7	5.7	5.7	5.0	4.3	3.7	4.3	4.7	5.3	4.9
SRX 4338	8.0	4.7	7.7	7.0	5.7	7.7	5.7	5.0	5.0	4.7	5.7	5.3	4.7	4.0	3.7	4.7	5.0	5.3	4.9
A00-2882	7.7	6.3	7.0	7.0	6.7	7.3	5.7	5.0	5.3	5.0	6.0	5.7	5.3	3.7	3.7	4.0	4.0	4.7	4.8
PST-K10-106D	7.0	4.7	7.0	5.3	6.3	6.7	5.0	4.3	4.3	4.3	5.0	5.0	5.0	4.0	4.0	5.0	5.7	5.3	4.8
SRX 2758	8.0	5.3	7.0	7.0	7.0	8.0	5.3	5.0	4.7	5.0	5.7	6.0	5.7	4.7	3.3	3.7	3.7	4.3	4.8
H99-1653	7.0	5.7	6.0	7.3	6.7	7.7	5.0	4.7	4.7	5.3	5.3	5.0	5.3	4.3	3.7	4.0	4.3	5.0	4.7
AVID	7.7	4.3	6.7	6.0	6.0	7.3	5.0	4.7	4.3	3.7	4.7	5.3	5.7	4.3	4.0	4.3	4.3	5.0	4.6
PST-T10-18	7.0	4.7	7.0	7.3	7.0	8.3	4.7	4.7	4.3	4.7	5.3	5.3	5.3	4.7	3.7	3.7	4.3	4.7	4.6
SUDDEN IMPACT	8.0	5.7	6.3	7.0	6.3	8.0	5.7	5.0	5.0	4.7	5.7	5.3	5.3	4.0	3.3	3.7	3.7	4.0	4.6
A00-4199	7.0	4.0	7.0	7.3	6.7	8.0	5.0	4.3	4.0	5.0	5.7	5.0	4.7	4.0	3.3	4.0	4.3	4.7	4.5
A03-1017	8.0	3.3	6.7	4.7	5.7	7.3	5.7	4.7	4.0	3.7	4.0	4.0	4.3	4.0	3.3	4.7	5.7	5.7	4.5
A06-26	8.0	5.0	7.0	6.3	6.0	7.7	4.7	4.7	4.3	4.7	5.3	5.0	5.0	4.0	4.0	4.0	4.3	4.3	4.5
A05-360	7.3	5.3	7.3	7.0	7.0	8.0	4.0	4.0	4.0	4.0	5.3	5.7	5.7	3.7	4.0	4.7	4.7	4.7	4.4
A06-47	7.3	5.0	7.7	6.3	7.0	8.0	4.7	4.3	4.3	4.3	4.7	5.3	5.0	4.3	3.3	4.0	4.3	4.3	4.4
OASIS (A98-344)	7.7	5.3	6.0	6.0	5.7	7.7	5.3	5.0	4.3	4.0	5.0	5.3	4.7	4.0	3.7	4.0	4.0	3.7	4.4
BURL 3-51	8.0	4.7	7.3	4.7	4.7	7.0	5.0	4.7	4.3	4.3	4.0	4.3	4.3	3.7	3.3	4.3	5.0	5.7	4.4
ENDURANCE (PST-K4-7)	8.0	4.7	7.3	6.0	6.7	7.3	5.3	4.3	4.3	4.3	5.0	5.3	5.3	4.0	3.3	3.3	3.7	4.7	4.4
BAR 8PP 504	7.0	4.3	5.0	7.3	6.0	7.0	5.3	4.7	4.3	5.7	5.3	4.0	4.0	2.7	2.7	3.3	4.7	5.0	4.3
BAR PP 119327	7.0	3.3	5.0	6.3	5.3	7.3	4.7	4.3	4.0	4.7	5.0	5.0	4.7	3.7	3.0	3.7	4.7	4.7	4.3
BAR VV 112916	8.0	3.7	7.3	7.7	7.3	8.0	5.0	4.7	4.0	4.7	4.3	4.3	4.0	3.3	3.0	4.0	5.3	5.0	4.3
BAR VV 118532	7.0	4.3	6.7	6.0	5.3	7.7	4.7	4.3	4.0	4.7	4.3	4.7	4.3	3.7	2.7	3.7	4.7	5.7	4.3
LEGEND (A10-1)	8.0	5.0	6.7	5.0	5.0	7.3	4.3	4.3	4.3	4.0	4.3	5.0	4.0	3.3	3.7	4.0	5.0	5.0	4.3

TABLE 15. (CONT'D)

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

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS												MEAN
							JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PICK MP07	6.0	4.7	7.3	7.3	6.7	6.7	5.7	5.0	5.0	5.0	4.7	4.0	3.3	3.0	3.0	4.3	4.3	4.3	4.3
PPH 9131	7.0	5.0	6.3	6.3	5.7	7.3	5.0	4.7	4.7	4.3	5.0	4.7	4.0	3.3	3.3	3.7	4.3	5.0	4.3
A01-1106	8.0	6.3	6.7	6.0	5.7	8.0	4.7	4.3	4.3	4.7	5.0	5.3	4.3	3.3	3.0	3.7	3.7	4.3	4.2
A05-361	7.7	5.3	6.0	6.3	6.7	7.7	4.3	4.3	4.3	4.0	4.3	4.7	5.0	4.0	3.0	3.7	4.3	4.7	4.2
BARON	7.7	4.7	6.0	6.3	6.0	7.7	5.3	5.0	5.0	4.7	5.0	4.3	4.0	3.3	3.3	3.3	3.3	3.7	4.2
SRX 5321	7.7	4.7	6.7	6.7	6.7	7.7	4.7	4.3	4.3	3.7	4.3	5.0	5.3	3.7	3.0	3.3	4.0	4.3	4.2
BLUE COAT (AKB 2282)	9.0	5.0	7.3	7.7	7.0	8.0	5.0	4.3	4.3	4.7	4.3	4.3	4.0	3.7	3.3	3.3	3.7	3.7	4.1
DPPP 818	7.0	4.0	5.0	5.7	5.3	7.0	4.7	4.3	3.7	4.0	4.3	5.0	4.7	3.7	2.7	3.7	4.0	4.0	4.1
RUSH	8.0	5.3	6.0	7.3	6.7	7.7	5.0	4.7	4.7	4.3	5.3	6.0	4.0	3.0	3.0	3.0	3.3	3.0	4.1
SHAMROCK	8.0	5.3	6.7	7.0	6.7	7.3	5.3	4.7	4.3	4.7	5.3	4.3	3.7	3.3	3.3	3.3	3.3	3.7	4.1
A04-36	7.0	4.7	6.3	7.3	6.0	8.0	5.7	4.7	4.3	4.7	5.3	4.7	3.3	3.0	3.0	3.0	3.0	3.3	4.0
AMERICA	7.0	4.3	6.3	6.0	4.7	7.7	4.0	4.0	3.7	4.3	4.7	4.3	3.7	3.0	3.0	4.0	4.7	4.3	4.0
BARDUKE	7.0	4.3	6.0	5.7	6.3	7.0	5.0	5.0	4.7	4.3	4.3	4.3	3.3	3.0	2.7	3.3	3.7	4.0	4.0
BURL 06-11	7.7	4.3	7.0	6.0	5.7	8.0	4.0	4.0	4.0	4.0	4.0	4.7	4.0	3.3	2.7	3.3	5.0	4.7	4.0
4S2W	8.0	6.0	7.7	7.3	7.7	8.0	4.3	4.3	4.3	4.3	4.3	4.3	4.0	3.0	2.7	3.3	3.7	3.7	3.9
A04-38	7.3	5.0	6.7	6.7	6.3	7.7	5.3	4.7	4.7	4.7	5.0	5.0	3.7	2.7	2.7	3.0	3.0	3.0	3.9
DAUNTLESS (A05-315)	7.0	3.7	6.7	6.7	6.0	8.0	4.3	4.0	4.0	4.0	4.7	5.0	4.0	3.0	3.3	3.3	3.3	3.7	3.9
PICK TD8	7.7	5.3	6.7	6.3	6.3	8.0	4.7	4.0	4.0	4.3	4.7	5.3	3.7	2.7	2.7	3.3	3.7	4.0	3.9
A05-999	7.0	5.0	7.7	7.3	6.7	7.3	4.7	4.7	4.7	4.7	4.3	4.7	3.7	3.0	2.7	2.7	2.7	3.7	3.8
BAR 12PP 612	8.0	5.0	6.3	5.7	5.3	7.3	3.7	3.7	3.7	3.7	4.3	5.0	4.0	2.7	2.7	3.3	4.0	4.3	3.8
PST-K4-3	7.7	4.7	6.3	5.7	6.7	7.7	4.3	4.3	4.0	4.0	3.7	4.7	4.3	3.0	2.3	3.0	3.7	4.0	3.8
PST-K9-97	8.7	5.7	6.7	8.0	8.0	7.7	4.0	4.0	3.7	3.7	4.7	5.3	5.0	3.0	2.3	3.0	3.0	3.3	3.8
RAD-507	8.0	4.0	6.3	6.7	6.0	7.7	3.7	3.7	3.7	4.3	4.3	4.3	3.7	2.7	3.0	3.7	4.3	4.3	3.8
WATERWORKS (A05-204)	8.3	4.3	6.7	4.3	4.3	8.0	3.7	3.7	3.7	3.7	3.3	4.0	4.3	3.3	3.3	3.7	4.0	4.0	3.7
PP 10847	6.3	3.0	6.7	8.0	7.0	8.0	5.0	4.7	4.0	4.7	4.7	4.0	3.3	2.3	2.7	3.0	3.0	3.3	3.7
RAD-1492	8.7	5.7	7.3	6.7	6.0	7.3	4.7	4.3	4.3	4.3	5.3	4.7	4.0	2.3	2.0	2.7	3.0	3.0	3.7
3733	7.7	3.7	5.3	5.0	5.0	7.3	3.7	3.7	3.7	3.7	4.0	3.7	4.0	3.3	3.0	3.7	3.7	3.7	3.6
BAR PP 119326	7.0	4.3	6.0	6.3	5.0	7.7	4.3	4.0	4.0	4.3	4.3	3.3	2.7	3.0	3.0	3.3	3.3	3.7	3.6
A05-329	8.0	4.0	6.3	4.7	4.0	7.3	3.7	3.7	3.7	3.3	3.3	4.0	4.0	2.7	3.0	3.3	4.0	3.3	3.5
KENBLUE	6.3	3.0	7.7	7.3	5.7	7.3	4.0	3.7	3.3	4.0	3.3	3.0	3.0	2.7	3.0	3.7	4.0	4.0	3.5
RAD-849	7.7	3.3	7.0	6.3	6.0	7.7	3.7	3.7	3.3	3.7	4.7	4.0	3.3	2.7	2.7	3.3	3.3	4.0	3.5
THERMAL BLUE	6.3	4.0	5.0	6.3	5.3	7.3	4.0	4.0	4.0	4.3	4.3	3.3	2.7	2.7	2.7	3.0	3.3	3.7	3.5
ZINGER (A05-306)	7.3	3.3	7.3	7.3	6.3	8.0	4.0	3.3	3.0	3.3	4.0	4.0	3.0	2.3	2.3	3.0	3.0	3.0	3.2
AKB 2555	7.7	3.3	6.7	5.0	5.0	6.7	3.3	3.0	3.0	3.3	4.0	4.0	2.7	1.3	1.3	2.0	2.0	2.0	2.7
BLACKJACK	8.0	3.0	6.7	4.3	4.7	7.0	2.7	2.7	2.3	2.3	2.7	2.7	2.0	1.3	2.0	2.7	3.0	2.3	2.4
PST-K9-90	8.0	2.7	6.0	6.3	6.0	7.7	2.7	2.7	2.3	2.3	2.7	3.0	2.7	1.7	1.7	2.3	2.3	2.3	2.4
PICK TD9	7.3	2.7	6.3	4.7	4.3	7.0	2.7	2.3	2.3	2.7	2.7	3.0	2.3	1.7	1.3	2.3	2.3	2.3	2.3
LSD VALUE	0.6	1.2	0.8	1.8	1.5	1.0	1.4	1.2	1.1	1.3	1.4	1.2	1.1	1.3	1.4	1.5	1.6	1.8	0.9
C.V. (%)	5.1	16.0	7.3	15.0	13.5	6.5	16.6	15.6	15.4	16.5	16.7	15.1	16.1	22.4	23.9	22.6	22.1	23.0	12.8

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

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

TABLE 15. (CONT'D)

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

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	SEEDHEAD RATINGS	JUNE	SUMMER PATCH RATINGS JULY	AUGUST	SEPTEMBER
BAR PP 110358	99.0	90.0	97.7	6.3	8.0	8.3	8.3	7.3	5.3
SRX 466	98.3	93.0	94.3	5.3	8.3	9.0	8.3	8.7	6.7
SKYE	98.3	93.3	95.0	4.3	8.3	9.0	9.0	7.7	5.0
A05-TB-382	95.7	90.0	97.7	6.0	8.0	8.0	8.3	8.0	7.0
Barvette HGT (BAR VV 0709)	83.3	93.0	99.0	4.7	9.0	8.7	8.3	8.3	7.7
J-1770	98.3	91.7	93.0	4.3	9.0	9.0	8.0	7.7	4.7
J-1853	94.7	85.0	93.3	5.0	8.7	9.0	8.3	6.7	4.7
BLUE NOTE	93.0	86.7	89.7	4.7	8.3	8.7	8.7	7.3	4.7
EMPIRE	89.3	85.0	94.3	5.3	9.0	9.0	9.0	7.7	7.3
J-1136	91.0	86.7	95.7	5.0	9.0	9.0	7.7	6.7	6.3
AWARD	93.3	85.0	94.0	4.0	8.7	8.0	7.7	7.0	4.7
MIDNIGHT	94.0	86.7	91.3	4.3	9.0	8.3	8.0	7.0	4.3
PICK 033	96.0	76.7	91.7	5.3	8.3	9.0	8.0	6.0	5.0
A98-363	96.3	81.7	89.7	5.3	8.0	9.0	7.7	5.7	5.3
CABERNET	98.3	90.0	94.7	4.7	8.0	7.7	8.3	7.0	5.3
NU CHICAGO	92.7	85.0	89.7	4.3	9.0	8.3	7.7	6.7	4.3
A06-46	94.3	78.3	86.7	5.7	8.3	8.7	8.7	6.0	5.0
A04-74	94.3	83.3	91.7	4.3	8.7	9.0	8.3	6.0	4.7
ARROWHEAD	94.3	61.3	69.7	4.3	6.7	8.7	8.3	5.3	4.7
LUNAR (PST-07-261)	93.3	73.3	89.3	5.7	6.3	8.3	7.7	5.3	4.0
KEENELAND (A04-342)	95.0	70.0	85.0	5.0	8.3	8.7	7.3	4.3	3.7
LTP-08-6	95.0	70.0	88.3	5.0	6.3	9.0	8.0	4.0	4.0
PICK 4340	93.0	68.3	86.7	5.0	8.7	9.0	7.0	4.0	3.3
PST-K9-99	97.3	78.3	86.7	3.7	7.0	9.0	8.0	5.3	4.0
SRX 4338	95.0	66.7	82.7	4.3	8.7	9.0	8.0	4.7	4.0
A00-2882	94.3	61.7	78.3	6.3	8.0	9.0	7.0	4.0	3.7
PST-K10-106D	85.0	76.7	86.7	4.3	8.0	8.7	7.3	5.7	4.7
SRX 2758	94.3	75.0	81.7	5.3	9.0	9.0	8.3	5.3	3.3
H99-1653	96.0	71.7	80.0	5.7	8.3	8.3	7.7	4.7	3.3
AVID	93.0	80.0	88.3	4.3	8.0	9.0	8.3	5.7	4.3
PST-T10-18	92.3	70.0	81.7	4.7	8.3	9.0	8.3	5.7	3.7
SUDDEN IMPACT	91.7	60.0	75.0	5.7	8.7	8.3	6.3	3.7	2.7
A00-4199	98.3	63.3	76.7	4.0	8.3	8.0	6.0	4.0	3.7
A03-1017	76.7	78.3	93.3	4.0	8.7	8.7	9.0	6.0	4.0
A06-26	93.7	75.0	83.3	4.3	7.0	8.7	7.3	4.3	4.0
A05-360	95.0	56.7	83.3	5.0	8.7	9.0	8.3	3.3	3.3
A06-47	91.7	83.3	80.0	5.0	8.7	9.0	7.7	6.0	3.3
OASIS (A98-344)	95.0	66.7	76.7	5.3	6.7	9.0	5.7	4.0	4.0
BURL 3-51	79.3	73.3	83.3	4.7	9.0	8.7	8.3	6.3	4.3
ENDURANCE (PST-K4-7)	84.7	70.0	78.3	4.7	7.0	8.7	7.7	4.7	3.3
BAR 8PP 504	95.0	50.0	78.3	4.3	8.7	8.7	6.7	3.3	2.7
BAR PP 119327	94.3	73.3	81.7	3.0	6.7	9.0	7.3	4.7	3.3
BAR VV 112916	91.7	56.7	86.7	3.7	8.7	8.3	6.0	4.7	3.3
BAR VV 118532	84.7	53.3	86.7	4.3	7.3	9.0	6.3	3.7	2.7
LEGEND (A10-1)	81.7	50.0	85.0	4.7	8.3	9.0	6.3	3.0	3.0

TABLE 15. (CONT'D)

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

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	SEEDHEAD RATINGS	JUNE	SUMMER PATCH JULY	RATINGS AUGUST	SEPTEMBER
PICK MP07	91.3	43.3	73.3	4.3	8.0	8.7	4.0	3.0	2.7
PPH 9131	94.7	45.0	85.0	4.7	7.7	8.7	6.3	3.0	3.0
A01-1106	94.3	50.0	75.0	5.7	7.3	9.0	6.7	3.7	3.0
A05-361	86.7	63.3	80.0	5.3	8.3	9.0	9.0	4.3	3.0
BARON	92.7	51.7	73.3	4.7	7.0	8.7	5.3	3.3	2.3
SRX 5321	88.3	63.3	78.3	4.3	7.7	9.0	8.3	4.7	3.3
BLUE COAT (AKB 2282)	85.0	51.7	65.0	5.0	6.7	8.7	4.7	3.3	3.0
DPPP 818	83.3	45.0	81.7	4.0	6.3	8.7	6.7	3.3	2.7
RUSH	90.0	40.0	55.0	5.3	9.0	8.7	4.3	3.0	2.7
SHAMROCK	97.0	50.0	71.7	5.0	7.7	9.0	4.7	3.3	3.3
A04-36	92.7	40.0	61.7	4.3	8.0	8.0	4.0	3.0	3.0
AMERICA	81.7	41.7	80.0	4.7	6.7	8.7	6.3	4.3	3.3
BARDUKE	88.3	48.3	83.3	4.3	5.7	8.3	5.0	3.3	2.7
BURL 06-11	85.0	55.0	83.3	4.3	7.0	9.0	8.0	3.7	2.7
4S2W	86.7	43.3	60.0	6.0	8.3	8.0	7.0	3.0	2.3
A04-38	96.3	41.7	63.3	4.7	8.0	8.3	5.0	3.0	2.3
DAUNTLESS (A05-315)	92.7	43.3	70.0	3.7	7.3	9.0	6.0	3.0	3.0
PICK TD8	97.0	43.3	75.0	5.3	7.0	9.0	4.7	3.0	2.7
A05-999	85.0	40.0	53.3	4.7	8.7	8.0	3.7	3.0	2.3
BAR 12PP 612	81.7	28.3	73.3	5.0	5.0	9.0	6.0	2.3	2.0
PST-K4-3	75.0	48.3	66.7	4.0	8.7	9.0	7.3	3.3	2.3
PST-K9-97	85.0	45.0	61.7	5.3	8.7	9.0	6.3	3.0	2.0
RAD-507	85.0	43.3	80.0	4.0	7.0	9.0	6.0	3.0	3.0
WATERWORKS (A05-204)	68.3	50.0	78.3	4.3	3.7	9.0	7.7	3.0	3.0
PP 10847	94.3	33.3	61.7	3.7	8.3	8.7	5.3	2.3	2.3
RAD-1492	86.3	21.7	58.3	5.3	7.7	8.7	6.3	2.0	1.7
3733	73.3	46.7	73.3	3.7	4.3	8.7	7.3	3.3	3.0
BAR PP 119326	86.7	40.0	60.0	4.0	7.7	7.7	3.7	3.0	3.0
A05-329	73.3	31.7	68.3	4.3	5.7	9.0	5.0	2.7	2.7
KENBLUE	75.0	41.7	73.3	3.3	8.7	8.0	5.7	3.3	3.0
RAD-849	86.7	38.3	65.0	3.3	8.3	8.7	3.7	3.0	2.7
THERMAL BLUE	88.3	38.3	66.7	4.0	7.7	6.3	3.3	2.7	2.7
ZINGER (A05-306)	86.7	25.0	55.0	3.3	7.0	8.3	3.7	2.3	2.3
AKB 2555	69.7	11.7	33.3	3.3	4.0	9.0	2.7	1.3	1.3
BLACKJACK	51.7	18.3	45.0	2.7	6.7	8.0	3.0	1.7	1.7
PST-K9-90	48.3	16.7	36.7	2.7	8.7	8.3	5.0	1.7	1.7
PICK TD9	53.3	15.0	38.3	2.7	6.7	8.0	2.3	1.7	1.3
LSD VALUE	16.5	26.4	16.2	1.2	1.0	1.2	1.9	2.2	2.0
C.V. (%)	10.9	27.8	13.3	15.7	8.3	6.7	18.0	30.8	33.6

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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT STILLWATER, OK 1/  
2013 DATA

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

NAME	SUMMER PATCH	QUALITY RATINGS										MEAN
		JAN	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A06-46	7.0	5.0	7.7	8.7	7.7	8.7	6.3	6.0	5.7	5.7	6.3	6.8
BURL 3-51	6.7	5.0	7.7	8.7	7.7	8.3	6.7	6.3	5.7	5.7	6.0	6.8
MIDNIGHT	5.7	4.3	8.0	8.7	8.3	9.0	5.7	6.0	6.0	6.0	6.0	6.8
SKYE	6.7	4.3	7.7	7.7	8.3	8.0	6.3	6.3	6.3	6.3	6.3	6.8
KEENELAND (A04-342)	7.3	4.0	7.0	8.7	7.0	8.0	7.3	7.0	6.0	6.0	6.0	6.7
SRX 4338	6.0	4.7	8.0	9.0	8.0	8.3	6.0	5.7	5.3	5.3	6.3	6.7
J-1770	5.7	4.0	7.7	7.7	8.0	8.7	5.7	5.7	6.0	6.0	6.7	6.6
J-1853	4.3	4.7	8.0	8.3	8.0	8.7	5.0	5.7	6.0	6.0	5.3	6.6
BAR PP 110358	7.7	4.3	7.7	8.0	7.7	7.7	6.3	6.0	5.7	5.7	6.0	6.5
Barvette HGT (BAR VV 0709)	8.3	5.3	7.0	8.0	7.0	8.0	6.7	6.0	5.3	5.3	6.3	6.5
BURL 06-11	6.3	5.3	7.0	8.7	7.0	7.7	6.0	6.0	5.7	5.7	6.0	6.5
EMPIRE	5.3	5.3	7.3	8.7	7.3	8.3	5.3	5.7	5.7	5.7	5.7	6.5
J-1136	6.0	4.0	7.7	8.7	7.7	8.7	5.3	5.7	5.7	5.7	6.3	6.5
LTP-08-6	7.0	3.3	6.7	8.3	6.7	7.7	7.0	6.7	6.0	6.0	6.7	6.5
PICK 4340	7.7	4.3	7.7	8.0	7.7	8.0	6.0	6.0	5.7	5.7	6.0	6.5
LUNAR (PST-07-261)	6.3	5.0	6.7	7.7	6.7	8.3	6.3	6.3	5.7	5.7	6.7	6.5
SRX 466	7.0	3.7	7.3	7.7	7.3	8.0	6.3	6.3	6.0	6.0	6.3	6.5
A03-1017	5.3	4.7	7.3	8.0	7.7	8.3	5.3	5.7	5.3	5.3	6.3	6.4
NU CHICAGO	6.3	4.7	7.3	8.0	7.3	8.0	6.3	6.0	5.0	5.0	6.3	6.4
PICK 033	6.3	3.7	7.0	8.0	7.0	7.3	6.3	6.7	6.3	6.3	5.7	6.4
ENDURANCE (PST-K4-7)	5.0	4.3	8.0	8.0	8.3	8.7	5.0	5.3	5.3	5.3	5.7	6.4
A00-2882	5.0	4.0	7.3	7.3	7.7	8.3	5.3	6.0	6.0	6.0	5.0	6.3
A05-TB-382	7.7	4.0	7.0	7.7	7.3	7.7	6.7	6.0	5.3	5.3	6.0	6.3
A98-363	6.3	4.3	7.0	7.7	7.3	8.0	6.0	6.0	5.0	5.0	5.7	6.2
AVID	5.7	4.0	6.7	7.3	7.0	8.0	6.0	6.3	6.0	6.0	5.0	6.2
AWARD	5.3	4.3	7.3	8.0	7.3	7.7	5.3	5.7	5.3	5.3	6.0	6.2
BAR 8PP 504	7.7	4.0	7.3	8.3	7.0	7.7	6.0	5.7	5.0	5.0	6.0	6.2
BLUE NOTE	5.0	4.0	7.7	8.7	7.7	8.7	5.0	5.3	5.3	5.3	4.0	6.2
CABERNET	5.3	3.7	7.0	7.7	7.3	7.3	5.3	6.0	6.0	6.0	5.7	6.2
PP 10847	4.7	3.7	7.0	7.3	7.3	7.7	5.0	6.0	6.0	6.0	6.0	6.2
SRX 2758	5.7	3.7	7.3	8.0	7.3	8.0	5.3	5.7	5.3	5.3	6.0	6.2
SUDDEN IMPACT	5.3	3.7	7.0	7.7	7.0	8.7	5.3	5.7	5.7	5.7	5.7	6.2
A01-1106	6.0	5.0	7.0	7.7	7.0	7.7	5.7	5.3	4.7	4.7	6.7	6.1
PICK MPO7	4.3	4.7	7.3	7.7	7.3	8.0	4.7	5.3	5.3	5.3	5.3	6.1
A05-361	3.3	5.0	7.0	8.3	7.3	8.0	4.0	5.0	5.7	5.7	4.0	6.0
BAR VV 118532	4.7	4.7	7.0	7.3	7.0	7.0	5.0	5.3	5.3	5.3	6.0	6.0
RAD-507	4.3	4.0	7.0	7.7	7.3	7.3	4.7	5.3	5.7	5.7	5.0	6.0
A04-38	3.3	4.3	7.7	8.3	7.7	8.7	4.0	4.3	4.7	4.7	5.0	5.9
A06-47	6.3	3.3	6.7	7.3	7.0	7.7	5.7	5.7	5.0	5.0	5.3	5.9
PPH 9131	4.7	3.7	6.7	7.3	6.7	7.7	4.7	5.3	5.7	5.7	5.3	5.9
PST-K9-99	5.7	3.7	6.3	7.0	6.3	7.3	5.7	5.7	5.7	5.7	5.7	5.9
PST-T10-18	5.0	4.0	7.0	7.3	7.0	7.7	5.0	5.3	5.0	5.0	5.3	5.9
RAD-1492	5.3	3.3	7.0	8.0	7.3	9.0	5.0	5.0	4.7	4.7	5.0	5.9
RUSH	3.0	5.0	7.3	7.3	8.0	9.0	3.7	4.7	5.0	5.0	4.0	5.9
3733	5.7	3.0	6.3	7.0	6.3	7.0	5.3	6.0	5.7	5.7	5.3	5.8

TABLE 16.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT STILLWATER, OK 1/  
2013 DATA

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

NAME	SUMMER PATCH	QUALITY RATINGS										MEAN
		JAN	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DAUNTLESS (A05-315)	3.3	4.3	7.0	8.0	7.0	7.7	3.7	4.7	5.3	5.3	5.3	5.8
A05-360	4.0	4.7	7.3	8.3	7.3	8.0	4.0	4.7	4.7	4.7	4.3	5.8
OASIS (A98-344)	4.3	4.7	6.7	7.3	7.0	8.0	4.7	5.0	5.3	5.3	4.3	5.8
LEGEND (A10-1)	4.3	4.3	7.7	8.3	7.7	8.7	4.3	4.3	4.3	4.3	3.7	5.8
PICK TD8	4.3	3.7	7.3	7.7	7.7	8.3	4.3	4.7	5.0	5.0	4.3	5.8
PST-K9-97	6.3	3.3	6.0	7.3	6.0	7.0	5.7	6.0	6.0	6.0	5.0	5.8
SRX 5321	4.3	4.0	6.7	7.3	6.7	8.0	4.3	5.3	5.7	5.7	4.7	5.8
4S2W	4.0	3.7	7.0	7.3	7.7	8.3	4.0	4.7	4.7	4.7	4.7	5.7
A00-4199	3.7	4.3	7.0	8.0	7.0	7.7	4.0	4.7	4.7	4.7	4.7	5.7
WATERWORKS (A05-204)	3.3	3.7	6.7	7.7	7.0	6.3	4.0	5.3	6.0	6.0	4.3	5.7
AMERICA	5.0	3.3	6.0	7.3	6.3	7.7	5.0	5.7	5.3	5.3	5.3	5.7
ARROWHEAD	3.7	4.0	7.3	7.3	7.7	8.3	4.0	4.7	4.7	4.7	4.0	5.7
DPPP 818	4.0	3.3	7.0	7.3	7.0	7.7	4.3	5.0	5.0	5.0	5.7	5.7
H99-1653	4.7	4.0	6.0	6.7	7.0	8.0	4.7	5.0	5.3	5.3	5.0	5.7
PST-K10-106D	6.0	3.7	6.3	7.0	6.3	7.3	5.7	5.7	5.0	5.0	5.3	5.7
SHAMROCK	3.7	4.3	6.7	7.3	6.7	8.0	4.0	5.0	5.3	5.3	4.3	5.7
BLUE COAT (AKB 2282)	3.7	4.0	7.7	7.7	8.0	8.3	4.0	4.3	4.3	4.3	3.3	5.6
BAR VV 112916	2.3	4.3	6.3	7.3	6.3	7.7	3.3	4.7	5.7	5.7	5.0	5.6
KENBLUE	4.0	4.3	6.0	7.7	6.0	6.3	4.3	5.0	5.3	5.3	5.7	5.6
PST-K4-3	6.7	3.0	7.0	7.0	7.3	8.0	5.3	5.0	4.3	4.3	5.0	5.6
A04-36	2.3	4.7	7.7	8.3	7.7	8.0	3.3	4.0	4.0	4.0	3.7	5.5
A04-74	6.0	3.7	4.7	4.7	7.0	8.0	5.7	5.7	5.3	5.3	5.3	5.5
A05-999	3.0	3.3	7.0	7.3	7.7	8.0	4.3	4.3	4.0	4.0	4.0	5.4
THERMAL BLUE	2.3	3.0	6.3	6.7	6.3	7.0	3.7	5.0	5.7	5.7	4.3	5.4
ZINGER (A05-306)	2.7	4.0	7.0	8.0	7.0	7.7	3.3	4.3	4.7	4.7	3.7	5.4
A06-26	3.0	4.7	7.0	8.3	7.0	7.7	3.0	3.7	4.0	4.0	3.3	5.3
BAR 12PP 612	3.7	3.7	6.0	7.0	6.0	7.0	4.3	4.7	5.0	5.0	4.7	5.3
BARON	3.0	3.3	6.0	6.7	6.3	7.7	4.0	4.7	5.0	5.0	4.0	5.3
A05-329	3.7	3.3	5.7	6.0	6.3	6.7	3.7	4.7	5.7	5.7	4.7	5.2
RAD-849	2.7	4.3	6.3	6.3	7.0	8.0	3.3	4.3	4.7	4.7	3.3	5.2
AKB 2555	4.3	2.0	5.7	5.3	6.3	6.7	5.0	5.3	5.3	5.3	3.7	5.1
BAR PP 119326	2.0	3.7	6.3	7.3	6.3	7.3	3.0	4.0	4.7	4.7	3.7	5.1
BAR PP 119327	3.3	3.0	6.3	7.7	6.3	6.7	3.7	4.3	4.3	4.3	4.7	5.1
BARDUKE	2.7	3.3	6.3	7.0	6.7	8.0	3.7	4.0	4.0	4.0	4.3	5.1
PICK TD9	1.3	2.3	4.7	5.3	5.3	6.3	2.3	3.0	3.0	3.0	2.7	3.8
PST-K9-90	3.0	2.0	4.0	3.7	5.3	4.3	3.0	3.7	4.0	4.0	3.3	3.7
BLACKJACK	1.3	1.7	3.3	3.3	4.3	4.3	2.0	3.3	4.0	4.0	2.7	3.3
LSD VALUE	1.4	1.4	1.1	1.3	1.1	1.0	1.2	1.2	2.4	2.4	1.3	0.6
C.V. (%)	19.6	19.8	10.0	10.9	9.0	7.8	16.2	13.5	17.8	17.8	16.3	6.7

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

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

TABLE 17. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/  
2013 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PICK MP07	4.3	5.7	6.3	6.3	7.3	7.3	6.2
PPH 9131	5.0	5.3	7.0	6.3	7.0	6.3	6.2
KENBLUE	5.7	6.0	6.0	6.0	6.7	6.0	6.1
Barvette HGT (BAR VV 0709)	5.0	5.7	5.3	5.0	7.0	7.0	5.8
PST-K9-99	4.7	4.7	6.3	5.7	7.0	6.0	5.7
BAR VV 118532	4.3	6.0	5.3	4.7	7.0	6.3	5.6
A05-360	5.3	5.0	6.0	4.7	6.3	5.7	5.5
BLUE NOTE	2.7	5.3	6.3	5.7	6.7	6.3	5.5
AMERICA	4.0	4.7	5.7	5.7	6.3	6.0	5.4
PP 10847	4.0	4.3	5.3	5.7	6.7	6.3	5.4
RAD-507	2.7	5.3	6.0	5.3	6.7	6.3	5.4
SRX 4338	3.7	4.0	6.0	6.0	7.0	6.0	5.4
THERMAL BLUE	4.3	5.3	6.0	4.3	6.7	5.7	5.4
A98-363	3.7	6.0	5.0	4.3	7.0	6.0	5.3
BAR 12PP 612	3.3	4.7	5.0	5.0	7.0	6.7	5.3
BAR 8PP 504	4.0	5.3	5.0	5.7	6.3	5.3	5.3
BAR PP 119327	4.3	5.0	5.7	4.7	6.3	6.0	5.3
CABERNET	5.0	5.3	5.3	4.7	6.0	5.3	5.3
KEENELAND (A04-342)	3.3	4.3	5.7	5.3	7.0	6.0	5.3
PICK 033	3.3	4.3	5.7	5.3	6.3	6.7	5.3
PICK 4340	3.7	4.3	6.3	5.3	6.3	6.0	5.3
A03-1017	4.0	4.0	5.7	4.7	6.7	6.0	5.2
A05-999	3.7	4.3	5.3	5.3	6.7	5.7	5.2
PST-T10-18	3.0	4.7	6.3	4.7	6.7	5.7	5.2
SKYE	4.3	5.7	5.0	4.7	6.3	5.3	5.2
A05-TB-382	3.3	5.0	5.3	5.0	6.0	5.7	5.1
AVID	3.7	4.3	5.3	4.7	6.7	6.0	5.1
BARDUKE	4.0	4.3	5.7	5.0	6.0	5.7	5.1
DPPP 818	3.7	4.3	5.7	4.3	6.3	6.3	5.1
H99-1653	3.0	4.3	5.3	5.0	6.7	6.3	5.1
PICK TD9	3.0	4.7	5.3	5.7	6.3	5.3	5.1
ZINGER (A05-306)	3.7	4.7	5.7	5.0	5.7	6.0	5.1
A04-36	3.0	4.3	5.7	5.0	6.3	5.7	5.0
DAUNTLESS (A05-315)	3.3	5.7	5.3	4.3	5.7	5.7	5.0
NU CHICAGO	3.0	4.7	5.3	5.0	6.3	5.7	5.0
4S2W	3.3	4.7	5.3	4.7	6.0	5.3	4.9
BAR PP 110358	3.7	4.3	4.7	4.3	6.7	5.7	4.9
PICK TD8	2.7	4.3	5.7	4.3	6.7	6.0	4.9
SRX 466	2.7	4.3	5.7	4.7	6.3	6.0	4.9
A00-4199	3.7	4.0	5.0	5.0	5.7	5.3	4.8
WATERWORKS (A05-204)	3.3	4.3	5.3	4.3	6.0	5.3	4.8
BAR PP 119326	3.0	4.7	5.7	4.3	6.0	5.0	4.8
BARON	4.0	4.0	5.0	4.0	6.0	6.0	4.8
BURL 06-11	3.0	4.0	5.7	4.7	6.0	5.3	4.8
RAD-849	3.0	4.3	5.0	4.3	6.0	6.0	4.8

TABLE 17. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 (CONT'D) GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/  
 2013 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SRX 5321	3.0	4.7	5.0	4.3	6.3	5.7	4.8
ARROWHEAD	2.7	4.0	5.0	4.7	6.3	5.7	4.7
AWARD	3.0	4.0	5.0	4.3	6.0	5.7	4.7
SRX 2758	4.7	4.3	4.7	3.7	5.3	5.7	4.7
3733	3.0	4.0	5.0	4.3	5.7	5.7	4.6
A06-47	3.0	4.3	4.7	4.7	5.7	5.3	4.6
EMPIRE	3.3	4.0	4.7	4.3	5.7	5.3	4.6
J-1770	3.0	4.7	4.7	4.0	6.0	5.3	4.6
LTP-08-6	3.0	4.3	4.3	5.0	5.7	5.3	4.6
A04-74	2.7	4.3	4.7	4.7	5.7	5.0	4.5
J-1853	3.0	4.3	4.7	4.0	5.3	5.7	4.5
LUNAR (PST-07-261)	2.3	4.0	4.7	4.3	6.0	5.7	4.5
SUDDEN IMPACT	3.0	3.7	4.7	4.0	6.0	5.7	4.5
A04-38	2.3	4.3	5.0	3.7	6.0	5.3	4.4
A05-361	2.7	3.7	5.0	4.0	6.3	5.0	4.4
A06-26	2.7	4.0	4.7	4.3	5.7	5.3	4.4
A06-46	2.7	4.0	4.7	4.0	5.7	5.7	4.4
BAR VV 112916	3.3	4.0	4.7	3.3	6.0	5.3	4.4
AKB 2555	3.0	5.7	4.7	3.0	4.7	4.7	4.3
BLACKJACK	2.7	4.3	4.3	4.0	5.0	5.3	4.3
LEGEND (A10-1)	3.3	4.0	4.7	4.0	5.3	4.7	4.3
PST-K4-3	3.3	3.7	5.0	3.3	5.3	5.0	4.3
SHAMROCK	3.3	4.7	4.7	3.0	5.3	4.7	4.3
A00-2882	3.0	4.0	5.0	3.3	5.0	5.0	4.2
A01-1106	3.0	3.7	4.7	3.3	5.7	5.0	4.2
BLUE COAT (AKB 2282)	3.3	3.7	4.0	3.7	5.3	5.0	4.2
PST-K9-90	2.7	3.3	4.3	4.7	5.7	4.7	4.2
RUSH	3.3	4.3	4.3	4.0	4.7	4.7	4.2
OASIS (A98-344)	2.7	3.7	4.7	3.3	5.0	5.0	4.1
MIDNIGHT	3.3	3.7	4.7	3.0	5.0	4.7	4.1
ENDURANCE (PST-K4-7)	3.0	3.3	4.3	4.0	5.7	4.3	4.1
RAD-1492	3.3	3.7	4.3	3.3	5.0	4.0	3.9
BURL 3-51	3.3	3.7	4.7	2.3	4.7	4.3	3.8
PST-K9-97	3.7	3.7	4.0	2.3	4.7	4.7	3.8
J-1136	2.0	3.0	4.3	3.7	4.7	4.7	3.7
PST-K10-106D	2.0	4.7	4.7	2.3	4.3	4.0	3.7
A05-329	3.0	3.7	5.0	2.7	3.7	3.7	3.6
LSD VALUE	2.6	1.8	2.4	2.4	1.9	2.7	1.5
C.V. (%)	30.1	19.1	17.1	25.3	15.2	17.8	14.9

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

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

TABLE 18.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										MEAN
	IA1	IL1	KS1	MN1	NJ2	TN1	UT1	VA1	WA1	WI1	
A04-74	8.0	7.3	7.7	6.3	8.0	8.3	8.0	9.0	8.7	8.0	7.9
SUDDEN IMPACT	7.7	7.3	8.0	7.3	8.3	8.7	7.3	8.7	8.3	7.7	7.9
BURL 3-51	7.3	7.0	8.3	7.3	8.0	7.7	7.7	8.7	8.0	7.7	7.8
A05-329	8.0	6.7	8.3	7.0	8.3	7.3	8.0	8.0	7.7	8.0	7.7
A03-1017	7.0	7.3	7.3	7.3	8.3	8.7	7.7	8.0	8.0	7.7	7.7
AWARD	7.7	8.0	7.3	6.7	8.3	8.3	8.0	7.7	8.0	7.3	7.7
RAD-1492	7.0	7.3	9.0	8.7	7.3	7.3	7.7	8.3	8.3	6.3	7.7
J-1853	7.3	7.3	7.7	7.0	8.3	7.7	7.7	8.7	8.0	7.3	7.7
MIDNIGHT	7.0	7.3	7.3	6.0	8.7	8.7	7.3	8.3	8.3	7.7	7.7
NU CHICAGO	7.3	7.0	8.0	6.3	8.3	8.3	7.7	8.3	8.0	7.3	7.7
J-1770	7.3	7.3	7.7	7.0	8.3	8.0	7.7	7.7	8.3	7.3	7.7
LEGEND (A10-1)	7.7	7.0	7.7	7.0	8.0	7.0	7.0	8.3	8.3	8.0	7.6
LUNAR (PST-07-261)	7.7	7.0	8.0	8.0	7.7	7.3	6.3	9.0	8.0	6.7	7.6
J-1136	6.7	7.3	7.3	6.7	8.7	8.3	7.7	7.7	8.0	7.3	7.6
WATERWORKS (A05-204)	7.7	6.7	7.7	6.7	7.7	7.0	6.7	8.3	8.3	7.7	7.4
OASIS (A98-344)	7.7	7.3	8.3	6.7	6.7	7.3	5.7	8.7	8.0	7.7	7.4
BLUE COAT (AKB 2282)	6.7	7.3	7.0	8.3	8.3	6.3	6.3	8.0	8.3	6.7	7.3
RUSH	8.0	6.7	7.0	5.7	7.7	8.7	7.0	8.3	7.0	7.3	7.3
3733	7.3	6.3	8.0	6.7	8.0	6.7	6.7	8.0	7.7	7.7	7.3
LTP-08-6	7.0	7.3	7.3	6.3	7.3	7.3	6.7	8.0	7.7	7.7	7.3
ARROWHEAD	7.0	6.0	7.3	6.7	7.3	8.0	7.0	8.7	7.3	7.3	7.3
A00-2882	7.0	6.3	8.0	7.0	7.3	7.3	6.3	7.7	7.7	7.7	7.2
PST-K9-97	7.0	6.7	8.0	5.0	9.0	4.7	7.3	8.3	8.0	7.3	7.1
EMPIRE	7.3	7.0	7.3	5.7	7.0	7.3	6.3	7.0	7.7	8.0	7.1
A01-1106	8.7	6.3	7.7	6.7	6.0	7.7	4.3	7.3	7.0	8.0	7.0
A06-26	7.0	7.3	7.3	6.3	7.7	7.3	5.3	6.7	7.3	6.7	6.9
PST-K9-90	7.3	6.3	7.0	6.3	9.0	6.0	5.3	7.0	8.0	6.7	6.9
PICK TD8	7.0	7.3	7.7	6.0	6.3	6.3	5.7	8.3	7.3	6.7	6.9
AVID	6.7	6.3	7.0	4.3	8.0	8.0	6.0	6.3	8.0	8.0	6.9
PST-K4-3	6.7	5.7	7.3	5.7	7.7	8.0	5.7	7.7	8.0	6.3	6.9
ENDURANCE (PST-K4-7)	6.7	6.0	6.7	5.0	7.7	7.0	6.3	7.0	8.0	7.3	6.8
A06-46	7.7	6.7	8.7	5.0	6.0	7.0	5.7	7.3	7.7	6.0	6.8
RAD-507	8.0	6.3	8.3	6.0	6.7	7.3	4.7	6.3	7.3	6.3	6.7
SRX 466	7.0	6.3	8.7	5.3	5.3	7.0	6.0	8.0	7.3	6.3	6.7
PICK 4340	6.7	6.3	8.7	6.3	7.0	7.7	4.7	5.0	7.7	7.0	6.7
PST-K10-106D	7.3	6.0	7.7	5.0	7.0	7.7	5.0	8.0	7.0	6.0	6.7
KEENELAND (A04-342)	7.7	6.7	6.3	6.0	7.3	7.3	3.7	6.3	7.7	7.3	6.6
AKB 2555	6.3	6.0	7.3	6.0	7.3	6.0	5.7	7.3	7.0	7.0	6.6
PICK 033	7.3	5.7	9.0	5.3	5.0	6.7	6.0	7.3	7.3	6.3	6.6
SRX 4338	6.7	6.7	8.7	5.0	6.7	7.7	4.7	5.7	7.7	6.3	6.6
SRX 2758	7.0	5.7	7.7	5.3	5.0	7.7	5.0	7.7	7.7	6.3	6.5
A05-TB-382	7.0	6.3	9.0	6.0	4.0	6.3	6.7	6.3	7.7	5.3	6.5
DPPP 818	7.3	5.7	7.0	4.0	7.3	6.3	6.3	6.7	6.7	7.3	6.5
BARON	7.0	6.3	6.7	4.3	7.3	7.0	5.0	6.0	7.3	7.3	6.4
SKYE	7.3	6.7	8.0	4.7	5.3	6.7	5.7	7.0	6.7	6.3	6.4
A05-361	6.3	6.3	7.7	5.0	5.7	6.7	5.7	7.7	6.7	6.3	6.4

TABLE 18. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										MEAN
	IA1	IL1	KS1	MN1	NJ2	TN1	UT1	VA1	WA1	WI1	
BAR 12PP 612	7.0	6.0	6.7	3.3	6.0	7.7	6.7	6.7	7.0	7.0	6.4
A04-38	7.0	6.0	7.0	5.7	6.7	7.3	4.3	6.3	6.7	5.7	6.3
SHAMROCK	6.7	6.7	7.3	5.3	5.7	6.7	5.0	7.0	6.3	5.3	6.2
BARDUKE	6.7	6.0	6.7	4.7	6.3	7.0	5.3	6.7	6.7	6.0	6.2
BURL 06-11	6.7	5.7	7.7	5.3	4.7	7.0	5.0	7.0	6.3	6.7	6.2
BLACKJACK	6.7	6.3	7.3	6.3	8.0	4.7	5.0	3.7	7.7	6.3	6.2
RUBIX (4S2W)	7.7	6.3	7.7	4.0	5.7	7.3	4.0	7.0	6.3	5.7	6.2
A06-47	6.7	6.3	7.7	4.3	6.0	7.3	2.7	6.3	6.7	7.3	6.1
A98-363	6.3	6.7	8.0	4.7	5.0	6.7	4.7	6.7	7.0	5.7	6.1
CABERNET	7.0	5.3	7.7	4.7	4.7	7.0	5.0	6.3	6.3	6.7	6.1
BLUE NOTE	6.7	6.3	7.3	4.7	6.7	7.0	3.0	6.3	6.7	5.7	6.0
AMERICA	6.3	6.0	7.7	4.3	5.0	6.7	4.3	6.3	7.0	6.3	6.0
PICK TD9	7.7	6.3	7.0	4.7	4.0	5.0	5.7	8.0	6.7	5.0	6.0
A00-4199	7.3	6.0	6.7	4.3	6.0	7.0	4.0	5.7	6.3	6.7	6.0
A05-999	7.0	6.0	7.3	3.7	5.3	6.3	5.0	7.7	6.7	5.0	6.0
PST-K9-99	6.3	5.3	7.3	3.3	6.0	8.0	5.0	6.3	6.0	6.0	6.0
BAR PP 119327	6.7	5.7	7.7	2.7	6.0	7.7	4.7	6.7	5.7	6.0	5.9
RAD-849	7.3	5.7	8.0	4.0	4.3	5.3	3.7	8.3	6.3	5.3	5.8
SRX 5321	6.0	6.0	6.3	4.7	6.7	6.7	5.0	5.0	6.0	6.0	5.8
A05-360	7.0	5.3	7.3	3.3	4.3	6.7	4.3	6.7	6.3	6.7	5.8
BAR VV 112916	7.3	5.7	7.7	4.0	4.0	6.0	3.0	7.7	6.7	5.0	5.7
A04-36	6.3	6.7	7.7	4.3	5.0	6.3	4.0	6.0	5.7	4.7	5.7
ZINGER (A05-306)	6.0	5.7	7.3	4.0	4.7	6.7	4.3	6.7	5.7	5.7	5.7
DAUNTLESS (A05-315)	6.0	6.0	7.7	4.0	5.0	6.7	4.7	5.0	6.7	4.7	5.6
H99-1653	6.7	5.3	7.3	4.7	3.7	7.3	2.7	6.3	6.3	5.3	5.6
PPH 9131	6.7	5.3	7.3	3.3	4.7	6.7	4.0	5.0	6.3	6.3	5.6
BAR VV 118532	7.3	6.0	7.0	4.7	3.0	6.7	4.3	5.0	5.0	5.3	5.4
THERMAL BLUE	7.7	5.7	6.7	3.0	4.3	6.7	3.3	5.3	6.0	5.3	5.4
BAR PP 110358	6.0	5.7	7.3	4.3	3.7	7.0	2.7	6.3	5.0	5.7	5.4
BAR PP 119326	6.0	5.7	7.3	3.3	4.3	6.7	4.0	5.3	6.0	5.0	5.4
PST-T10-18	6.3	5.3	7.7	4.3	3.3	6.3	3.3	6.3	5.7	4.0	5.3
PICK MP07	6.0	5.3	6.7	3.0	4.7	6.0	4.0	5.7	6.0	4.7	5.2
PP 10847	6.3	5.3	7.0	3.0	3.7	6.7	3.3	5.0	5.3	5.7	5.1
BAR 8PP 504	6.7	5.7	6.7	3.3	3.3	6.3	3.3	4.0	5.7	6.0	5.1
KENBLUE	7.0	6.0	6.7	4.7	3.3	5.7	2.7	5.7	5.0	4.0	5.1
Barvette HGT (BAR VV 0709)	6.3	5.7	6.7	2.7	2.3	5.7	4.0	6.3	5.0	3.7	4.8
LSD VALUE	1.4	1.1	1.1	1.3	1.1	1.1	1.6	1.7	0.8	1.4	0.4
C.V. (%)	12.7	10.6	9.2	15.9	10.9	9.6	18.3	14.9	7.1	13.5	12.2

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

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

TABLE 19.

 SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 2013 DATA

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

NAME	IL1	IN1	KS1	NJ1	NJ2	UT1	WA1	WI1	MEAN
A05-361	5.0	7.7	7.0	7.0	7.3	5.7	6.0	6.7	6.5
BAR VV 112916	6.3	8.0	4.3	8.7	8.7	4.0	7.0	5.3	6.5
A05-360	4.3	8.0	6.3	5.7	7.0	5.7	6.0	6.7	6.2
Barvette HGT (BAR VV 0709)	4.3	7.0	3.7	7.7	8.7	4.0	7.0	6.7	6.1
KENBLUE	4.0	6.7	5.0	6.0	9.0	4.3	7.3	6.3	6.1
PST-K10-106D	4.7	7.7	5.3	6.7	8.0	5.0	5.0	6.0	6.0
RUBIX (4S2W)	5.0	7.7	6.7	5.3	7.3	4.0	6.3	5.7	6.0
PICK TD8	5.7	6.0	7.0	5.0	6.3	5.7	6.3	5.7	6.0
CABERNET	5.0	7.3	5.7	4.3	6.7	5.3	6.3	5.7	5.8
PST-T10-18	5.3	6.0	6.3	5.3	6.7	4.3	6.3	6.0	5.8
H99-1653	5.3	7.0	5.3	4.3	7.7	4.7	6.3	5.7	5.8
A05-329	5.3	8.3	7.0	4.0	4.0	6.0	5.0	6.3	5.8
ARROWHEAD	5.7	7.3	6.3	3.7	6.0	4.3	7.7	5.0	5.8
SKYE	3.7	6.3	6.7	6.7	6.3	4.0	6.0	6.0	5.7
A00-2882	5.3	8.0	6.7	4.7	4.3	4.7	6.3	5.7	5.7
A05-TB-382	4.7	5.7	5.7	7.0	7.0	3.0	7.7	5.0	5.7
DAUNTLESS (A05-315)	5.0	6.3	6.0	4.3	7.3	4.0	7.0	5.7	5.7
A01-1106	5.7	7.3	6.0	6.3	4.0	4.7	6.0	5.3	5.7
BAR PP 110358	5.3	5.7	5.7	6.7	6.3	4.0	6.0	5.7	5.7
A06-47	5.7	8.0	6.7	4.0	6.7	4.0	5.7	4.0	5.6
SHAMROCK	5.0	7.0	6.7	5.0	6.3	3.7	5.3	5.3	5.5
PST-K9-97	5.3	8.0	4.7	5.3	5.7	5.0	4.7	5.7	5.5
RAD-849	5.3	6.0	5.3	4.3	6.7	3.3	7.7	5.7	5.5
BLUE NOTE	4.7	5.7	7.0	5.0	6.3	3.7	6.7	5.0	5.5
BURL 06-11	5.0	6.0	7.0	4.3	6.0	4.3	5.0	6.3	5.5
SRX 466	4.7	7.0	4.3	5.7	6.3	5.3	5.0	5.7	5.5
SRX 2758	4.0	6.0	5.3	5.3	5.3	5.0	6.3	6.7	5.5
A98-363	4.3	5.3	7.3	3.7	7.0	4.7	5.7	5.7	5.5
PICK 033	4.3	6.0	4.7	6.0	6.7	4.3	5.7	6.0	5.5
BLACKJACK	5.3	5.7	5.3	5.3	5.3	3.7	6.7	5.3	5.3
A04-38	4.7	6.3	5.7	4.3	5.7	4.0	6.3	5.3	5.3
BAR VV 118532	4.3	6.0	6.3	4.3	5.0	4.3	6.7	5.3	5.3
A04-36	5.0	6.3	6.0	3.0	6.3	4.3	5.0	6.0	5.3
A05-999	5.7	7.3	4.3	4.3	6.0	3.3	7.0	4.0	5.3
BAR 8PP 504	4.3	6.0	7.0	3.3	5.0	4.7	7.0	4.7	5.3
PICK TD9	5.3	5.0	5.7	4.3	6.0	4.3	6.0	5.0	5.2
BAR PP 119326	4.7	6.7	5.3	4.3	5.0	4.0	5.3	5.3	5.1
PST-K4-3	3.7	7.0	5.7	5.0	6.0	2.3	5.3	5.3	5.0
BAR 12PP 612	4.3	7.7	5.3	2.0	6.3	3.0	6.0	5.0	5.0
PICK MP07	4.7	5.7	5.0	5.7	4.7	2.3	6.7	5.0	5.0
RAD-1492	6.3	6.7	5.0	2.3	5.7	2.3	5.3	5.7	4.9
RAD-507	4.3	7.0	6.3	2.3	5.7	3.7	4.7	5.0	4.9
ZINGER (A05-306)	4.3	5.3	5.0	3.3	5.7	3.3	6.3	5.7	4.9
THERMAL BLUE	4.3	6.0	5.3	4.7	4.3	3.0	6.7	4.7	4.9
LTP-08-6	4.0	5.7	7.0	3.3	6.0	3.3	4.3	5.0	4.8
PP 10847	3.3	5.0	6.7	3.3	3.7	3.3	7.0	6.3	4.8

TABLE 19.  
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	IL1	IN1	KS1	NJ1	NJ2	UT1	WA1	WI1	MEAN
ENDURANCE (PST-K4-7)	4.0	4.0	7.0	5.3	4.0	4.7	4.7	4.7	4.8
PICK 4340	3.7	5.7	6.7	3.3	4.0	4.3	6.0	4.7	4.8
LEGEND (A10-1)	4.0	5.7	6.3	4.0	4.3	3.0	4.7	6.0	4.8
SRX 5321	3.7	5.3	7.0	3.7	4.7	4.0	4.0	5.7	4.8
AMERICA	4.0	6.7	7.0	3.0	3.0	4.0	5.0	5.0	4.7
OASIS (A98-344)	3.3	5.7	7.0	2.7	4.7	4.0	4.7	5.3	4.7
SRX 4338	3.7	5.7	6.3	3.0	4.0	3.7	5.3	5.7	4.7
AVID	5.0	6.7	6.3	2.0	2.7	3.7	4.7	6.0	4.6
LUNAR (PST-07-261)	4.0	4.0	5.0	5.0	5.7	2.7	5.0	5.7	4.6
A00-4199	3.7	5.7	5.3	4.0	4.3	3.0	5.7	5.0	4.6
KEENELAND (A04-342)	3.7	5.0	6.3	3.3	4.3	3.3	5.0	5.7	4.6
A06-26	4.3	5.7	6.7	1.7	4.3	4.0	4.0	5.7	4.5
EMPIRE	4.0	5.0	6.7	2.7	4.0	2.7	5.0	6.3	4.5
WATERWORKS (A05-204)	4.0	6.0	6.0	2.0	4.7	4.0	4.0	5.3	4.5
BARDUKE	5.0	6.0	4.7	3.3	2.7	4.0	5.0	5.0	4.5
A06-46	4.0	5.0	5.3	2.7	3.3	3.7	5.7	5.7	4.4
BAR PP 119327	4.0	5.0	6.7	2.0	2.7	4.0	6.0	5.0	4.4
A04-74	4.7	6.3	5.7	1.0	5.0	2.3	3.7	6.3	4.4
PPH 9131	4.0	5.3	5.0	2.7	5.3	3.3	4.3	5.0	4.4
RUSH	4.7	5.7	4.7	2.7	2.7	4.3	4.7	5.0	4.3
AKB 2555	4.3	7.0	6.3	2.3	4.3	2.0	4.0	4.0	4.3
PST-K9-99	3.3	5.0	6.7	1.3	2.7	4.0	6.0	4.7	4.2
3733	5.0	6.0	4.3	3.0	4.3	2.3	3.3	5.0	4.2
BARON	4.0	5.3	5.3	2.3	3.3	3.0	5.7	4.3	4.2
BURL 3-51	4.0	5.3	5.7	1.7	2.7	3.0	4.7	6.0	4.1
BLUE COAT (AKB 2282)	4.0	4.3	6.7	2.0	4.0	3.0	4.0	4.7	4.1
DPPP 818	4.0	5.0	5.0	2.3	3.0	3.0	5.3	4.3	4.0
PST-K9-90	4.3	5.3	4.0	4.0	4.3	2.0	3.0	4.7	4.0
AWARD	4.0	4.3	5.0	2.3	2.0	1.3	4.7	5.0	3.6
J-1853	3.7	4.0	6.0	2.0	1.7	2.0	3.3	5.0	3.5
NU CHICAGO	3.3	4.3	3.7	2.7	2.0	1.7	3.3	5.3	3.3
J-1770	3.3	3.7	4.3	2.0	2.0	1.7	3.0	5.7	3.2
SUDDEN IMPACT	3.7	3.7	4.0	2.3	1.7	1.3	4.0	5.0	3.2
MIDNIGHT	3.0	3.7	4.7	1.3	1.7	1.7	3.7	5.0	3.1
J-1136	2.7	3.3	5.0	1.7	2.0	2.0	2.7	5.0	3.0
A03-1017	2.7	3.0	4.7	2.0	1.3	1.7	3.3	4.7	2.9
LSD VALUE	1.5	1.8	1.5	2.1	1.5	1.7	1.8	1.4	0.6
C.V. (%)	20.9	18.3	15.8	33.8	18.9	29.3	20.3	15.8	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 20.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	IN1	NAME	IN1
KENBLUE	8.7	SRX 5321	6.0
BAR VV 112916	8.3	ZINGER (A05-306)	6.0
A05-360	7.0	A03-1017	5.7
A05-361	7.0	A04-38	5.7
PICK MP07	7.0	A06-26	5.7
PICK TD9	7.0	A98-363	5.7
PST-K10-106D	7.0	AWARD	5.7
PST-T10-18	7.0	DAUNTLESS (A05-315)	5.7
H99-1653	6.7	NU CHICAGO	5.7
PICK 4340	6.7	PST-K9-90	5.7
RAD-1492	6.7	SHAMROCK	5.7
SRX 466	6.7	SUDDEN IMPACT	5.7
A00-2882	6.3	THERMAL BLUE	5.7
A06-46	6.3	A04-36	5.3
A06-47	6.3	A04-74	5.3
Barvette HGT (BAR VV 0709)	6.3	AMERICA	5.3
BLACKJACK	6.3	BARDUKE	5.3
BLUE NOTE	6.3	J-1770	5.3
BURL 06-11	6.3	J-1853	5.3
CABERNET	6.3	LTP-08-6	5.3
KEENELAND (A04-342)	6.3	MIDNIGHT	5.3
LUNAR (PST-07-261)	6.3	PPH 9131	5.3
PICK 033	6.3	AVID	5.0
PST-K4-3	6.3	BAR PP 119326	5.0
RAD-849	6.3	BARON	5.0
SKYE	6.3	BURL 3-51	5.0
SRX 2758	6.3	DPPP 818	5.0
SRX 4338	6.3	EMPIRE	5.0
A00-4199	6.0	LEGEND (A10-1)	5.0
A01-1106	6.0	RUSH	5.0
A05-999	6.0	WATERWORKS (A05-204)	5.0
ARROWHEAD	6.0	3733	4.7
BAR 12PP 612	6.0	AKB 2555	4.7
BAR 8PP 504	6.0	BAR PP 119327	4.7
BAR PP 110358	6.0	BAR VV 118532	4.7
BLUE COAT (AKB 2282)	6.0	OASIS (A98-344)	4.7
ENDURANCE (PST-K4-7)	6.0	A05-TB-382	4.3
J-1136	6.0	PST-K9-99	4.3
PICK TD8	6.0	A05-329	4.0
PP 10847	6.0		
PST-K9-97	6.0	LSD VALUE	1.0
RAD-507	6.0	C.V. (%)	11.0
RUBIX (4S2W)	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 21.

 SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 2013 DATA

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

NAME	IN1	NAME	IN1
A05-360	8.3	BAR VV 112916	6.7
A06-46	8.0	DAUNTLESS (A05-315)	6.7
PP 10847	8.0	MIDNIGHT	6.7
PST-T10-18	8.0	PICK TD8	6.7
A05-361	7.7	RAD-507	6.7
H99-1653	7.7	SUDDEN IMPACT	6.7
KENBLUE	7.7	A04-38	6.3
PICK 4340	7.7	A04-74	6.3
PST-K10-106D	7.7	ARROWHEAD	6.3
RAD-1492	7.7	AVID	6.3
RAD-849	7.7	BLUE COAT (AKB 2282)	6.3
RUBIX (4S2W)	7.7	BURL 06-11	6.3
SRX 4338	7.7	J-1770	6.3
SRX 466	7.7	J-1853	6.3
A06-47	7.3	LTP-08-6	6.3
BAR 8PP 504	7.3	PPH 9131	6.3
Barvette HGT (BAR VV 0709)	7.3	PST-K9-97	6.3
BLUE NOTE	7.3	SHAMROCK	6.3
PICK MP07	7.3	BLACKJACK	6.0
PST-K4-3	7.3	DPPP 818	6.0
SRX 2758	7.3	EMPIRE	6.0
A00-2882	7.0	ENDURANCE (PST-K4-7)	6.0
A00-4199	7.0	LUNAR (PST-07-261)	6.0
BAR PP 110358	7.0	PST-K9-99	6.0
BAR PP 119327	7.0	BARON	5.7
CABERNET	7.0	LEGEND (A10-1)	5.7
J-1136	7.0	OASIS (A98-344)	5.7
KEENELAND (A04-342)	7.0	SKYE	5.7
NU CHICAGO	7.0	THERMAL BLUE	5.7
PICK 033	7.0	A05-TB-382	5.3
PICK TD9	7.0	AKB 2555	5.3
PST-K9-90	7.0	AMERICA	5.3
RUSH	7.0	BAR PP 119326	5.3
SRX 5321	7.0	BAR VV 118532	5.3
ZINGER (A05-306)	7.0	BARDUKE	5.0
A01-1106	6.7	BURL 3-51	5.0
A03-1017	6.7	WATERWORKS (A05-204)	5.0
A04-36	6.7	3733	4.3
A05-999	6.7	A05-329	3.3
A06-26	6.7		
A98-363	6.7	LSD VALUE	1.3
AWARD	6.7	C.V. (%)	11.9
BAR 12PP 612	6.7		

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

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

TABLE 22.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	IN1	NAME	IN1
PP 10847	8.3	A06-47	5.7
Barvette HGT (BAR VV 0709)	8.0	BAR PP 119326	5.7
BAR PP 110358	7.7	BAR PP 119327	5.7
BLUE COAT (AKB 2282)	7.7	BURL 06-11	5.7
H99-1653	7.7	DPPP 818	5.7
A05-999	7.0	PPH 9131	5.7
A06-46	7.0	BARDUKE	5.3
ARROWHEAD	7.0	ENDURANCE (PST-K4-7)	5.3
BAR VV 112916	7.0	PICK TD8	5.3
BLUE NOTE	7.0	RUSH	5.3
KENBLUE	7.0	SKYE	5.3
PICK TD9	7.0	A01-1106	5.0
BAR 8PP 504	6.7	J-1853	5.0
CABERNET	6.7	A04-36	4.7
PICK 4340	6.7	A04-74	4.7
PST-K9-90	6.7	AWARD	4.7
RAD-1492	6.7	BARON	4.7
RAD-849	6.7	BLACKJACK	4.7
SRX 4338	6.7	J-1136	4.7
A05-360	6.3	J-1770	4.7
A06-26	6.3	SHAMROCK	4.7
A98-363	6.3	LUNAR (PST-07-261)	4.3
DAUNTLESS (A05-315)	6.3	SUDDEN IMPACT	4.3
KEENELAND (A04-342)	6.3	BAR 12PP 612	4.0
PST-T10-18	6.3	BAR VV 118532	4.0
RUBIX (4S2W)	6.3	LEGEND (A10-1)	4.0
SRX 2758	6.3	NU CHICAGO	4.0
SRX 466	6.3	OASIS (A98-344)	4.0
SRX 5321	6.3	PST-K9-99	4.0
ZINGER (A05-306)	6.3	A03-1017	3.7
A00-2882	6.0	AKB 2555	3.7
A05-361	6.0	BURL 3-51	3.7
AMERICA	6.0	MIDNIGHT	3.7
LTP-08-6	6.0	EMPIRE	3.3
PICK 033	6.0	AVID	3.0
PICK MP07	6.0	3733	2.7
PST-K10-106D	6.0	WATERWORKS (A05-204)	2.7
PST-K4-3	6.0	PST-K9-97	2.3
RAD-507	6.0	A05-329	1.3
THERMAL BLUE	6.0		
A00-4199	5.7	LSD VALUE	1.7
A04-38	5.7	C.V. (%)	18.9
A05-TB-382	5.7		

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

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

TABLE 23. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	TN1	VA1	WI1	MEAN
KEENELAND (A04-342)	97.0	99.0	56.7	84.2
DAUNTLESS (A05-315)	93.3	99.0	56.7	83.0
BAR PP 110358	93.7	97.7	56.7	82.7
Barvette HGT (BAR VV 0709)	95.7	99.0	53.3	82.7
J-1770	92.0	99.0	56.7	82.6
BAR VV 112916	95.0	99.0	53.3	82.4
KENBLUE	94.3	99.0	53.3	82.2
SRX 4338	93.7	99.0	53.3	82.0
SRX 2758	93.3	96.0	56.7	82.0
SKYE	93.3	99.0	53.3	81.9
AVID	94.3	97.7	53.3	81.8
A05-360	96.7	94.7	53.3	81.6
BLUE NOTE	96.7	97.7	50.0	81.4
NU CHICAGO	92.0	99.0	53.3	81.4
SHAMROCK	93.7	96.0	53.3	81.0
SRX 466	95.3	97.7	50.0	81.0
BAR VV 118532	93.7	99.0	50.0	80.9
PICK 4340	91.3	97.7	53.3	80.8
LEGEND (A10-1)	96.0	96.0	50.0	80.7
BAR PP 119326	92.7	99.0	50.0	80.6
MIDNIGHT	89.3	99.0	53.3	80.6
J-1136	92.3	99.0	50.0	80.4
PP 10847	91.7	89.7	60.0	80.4
A98-363	95.0	96.0	50.0	80.3
CABERNET	95.3	99.0	46.7	80.3
A00-4199	91.7	99.0	50.0	80.2
A03-1017	91.3	99.0	50.0	80.1
J-1853	91.3	99.0	50.0	80.1
A06-46	95.7	97.7	46.7	80.0
A00-2882	93.7	99.0	46.7	79.8
WATERWORKS (A05-204)	92.7	96.0	50.0	79.6
AWARD	92.3	99.0	46.7	79.3
BURL 06-11	95.0	86.3	56.7	79.3
A05-361	91.7	96.0	50.0	79.2
SUDDEN IMPACT	89.7	97.7	50.0	79.1
LTP-08-6	94.3	99.0	43.3	78.9
BAR 8PP 504	93.3	93.0	50.0	78.8
BARDUKE	92.3	92.7	50.0	78.3
H99-1653	95.0	86.3	53.3	78.2
PST-T10-18	95.0	89.3	50.0	78.1
A05-999	93.0	97.7	43.3	78.0
A04-36	94.0	86.0	53.3	77.8
A04-38	91.7	85.0	56.7	77.8
BURL 3-51	93.7	89.7	50.0	77.8
PST-K10-106D	94.0	89.3	50.0	77.8
PICK TD8	93.7	92.7	46.7	77.7
THERMAL BLUE	89.7	99.0	43.3	77.3

TABLE 23. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	TN1	VA1	WI1	MEAN
A01-1106	92.7	99.0	40.0	77.2
A04-74	90.3	97.7	43.3	77.1
A05-TB-382	96.7	88.0	46.7	77.1
OASIS (A98-344)	95.7	99.0	36.7	77.1
PICK MP07	89.0	99.0	43.3	77.1
PICK 033	96.0	87.7	46.7	76.8
AMERICA	94.7	84.7	50.0	76.4
RAD-1492	97.7	84.7	46.7	76.3
A06-26	89.0	93.0	46.7	76.2
RUBIX (4S2W)	86.7	85.0	56.7	76.1
PPH 9131	93.3	85.0	50.0	76.1
DPPP 818	90.3	96.0	40.0	75.4
SRX 5321	89.7	93.0	43.3	75.3
RAD-507	89.7	89.7	46.7	75.3
RUSH	79.3	92.7	53.3	75.1
ARROWHEAD	83.7	91.3	50.0	75.0
EMPIRE	95.0	97.7	30.0	74.2
PST-K9-99	86.0	89.3	46.7	74.0
ENDURANCE (PST-K4-7)	82.3	92.7	46.7	73.9
BAR PP 119327	89.3	74.7	56.7	73.6
ZINGER (A05-306)	79.3	88.0	53.3	73.6
LUNAR (PST-07-261)	84.3	88.3	46.7	73.1
PST-K4-3	79.0	94.7	43.3	72.3
BLUE COAT (AKB 2282)	88.3	76.3	50.0	71.6
A06-47	88.0	99.0	26.7	71.2
PST-K9-90	70.7	89.7	50.0	70.1
A05-329	82.3	96.0	30.0	69.4
3733	85.7	81.7	36.7	68.0
RAD-849	56.7	89.3	56.7	67.6
BARON	86.0	66.3	43.3	65.2
PICK TD9	61.7	80.0	46.7	62.8
AKB 2555	55.0	89.7	43.3	62.7
BLACKJACK	46.0	76.3	50.0	57.4
PST-K9-97	50.0	73.3	46.7	56.7
BAR 12PP 612	74.0	20.0	40.0	44.7
LSD VALUE	15.9	16.2	12.0	8.5
C.V. (%)	11.1	10.9	15.3	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 24.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	TN1	UT1	MEAN	NAME	TN1	UT1	MEAN
PICK 033	97.7	83.3	90.5	DPPP 818	76.0	76.7	76.3
KEENELAND (A04-342)	92.0	86.7	89.3	AMERICA	88.7	63.3	76.0
SRX 4338	95.3	83.3	89.3	PST-K10-106D	91.3	60.0	75.7
SRX 466	97.0	80.0	88.5	PICK TD9	80.3	70.0	75.2
H99-1653	93.0	83.3	88.2	KENBLUE	93.3	56.7	75.0
RAD-1492	96.0	80.0	88.0	SRX 5321	86.7	63.3	75.0
PICK 4340	94.7	80.0	87.3	A98-363	93.0	56.7	74.8
A05-360	96.3	76.7	86.5	PST-T10-18	82.0	66.7	74.3
A06-47	92.3	80.0	86.2	BAR 12PP 612	85.0	63.3	74.2
NU CHICAGO	95.0	76.7	85.8	A05-361	88.0	60.0	74.0
A06-46	94.7	76.7	85.7	AWARD	84.3	63.3	73.8
PP 10847	91.3	80.0	85.7	BLUE COAT (AKB 2282)	74.0	73.3	73.7
BURL 06-11	92.7	76.7	84.7	ARROWHEAD	83.7	63.3	73.5
BLUE NOTE	91.7	76.7	84.2	EMPIRE	73.3	73.3	73.3
J-1136	95.0	73.3	84.2	LTP-08-6	91.7	53.3	72.5
Barvette HGT (BAR VV 0709)	96.3	70.0	83.2	OASIS (A98-344)	84.7	60.0	72.3
PICK MP07	85.3	80.0	82.7	BAR VV 112916	90.0	53.3	71.7
SRX 2758	94.7	70.0	82.3	BAR PP 119327	73.0	70.0	71.5
MIDNIGHT	97.0	66.7	81.8	BARDUKE	81.3	60.0	70.7
A03-1017	96.7	66.7	81.7	A04-38	70.7	70.0	70.3
CABERNET	96.7	66.7	81.7	A05-329	74.0	66.7	70.3
RAD-507	89.3	73.3	81.3	DAUNTLESS (A05-315)	90.0	50.0	70.0
A01-1106	85.0	76.7	80.8	A04-36	79.7	60.0	69.8
BARON	88.0	73.3	80.7	A06-26	75.7	63.3	69.5
PPH 9131	90.3	70.0	80.2	WATERWORKS (A05-204)	75.7	63.3	69.5
SUDDEN IMPACT	93.0	66.7	79.8	A00-4199	70.7	66.7	68.7
SKYE	96.3	63.3	79.8	LEGEND (A10-1)	67.0	70.0	68.5
PICK TD8	85.3	73.3	79.3	PST-K4-3	87.0	50.0	68.5
J-1770	95.0	63.3	79.2	PST-K9-97	65.7	70.0	67.8
SHAMROCK	84.3	73.3	78.8	BAR PP 119326	65.3	70.0	67.7
3733	90.7	66.7	78.7	THERMAL BLUE	68.3	66.7	67.5
A00-2882	83.7	73.3	78.5	BLACKJACK	57.0	73.3	65.2
BAR 8PP 504	93.7	63.3	78.5	AKB 2555	70.0	60.0	65.0
BAR PP 110358	97.0	60.0	78.5	PST-K9-99	85.7	43.3	64.5
LUNAR (PST-07-261)	87.0	70.0	78.5	RUBIX (4S2W)	72.3	56.7	64.5
A05-TB-382	96.7	60.0	78.3	A05-999	51.3	76.7	64.0
BURL 3-51	93.0	63.3	78.2	RAD-849	61.3	66.7	64.0
J-1853	96.3	60.0	78.2	RUSH	67.3	60.0	63.7
AVID	94.3	60.0	77.2	PST-K9-90	52.3	63.3	57.8
BAR VV 118532	94.3	60.0	77.2	ZINGER (A05-306)	54.7	60.0	57.3
ENDURANCE (PST-K4-7)	87.0	66.7	76.8				
A04-74	93.3	60.0	76.7	LSD VALUE	13.3	23.5	13.5
				C.V. (%)	9.7	21.7	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 25.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	TN1	WI1	MEAN	NAME	TN1	WI1	MEAN
BAR PP 110358	98.3	90.0	94.2	SUDDEN IMPACT	76.7	73.3	75.0
Barvette HGT (BAR VV 0709)	97.0	90.0	93.5	THERMAL BLUE	58.0	90.0	74.0
MIDNIGHT	94.0	90.0	92.0	A04-36	57.3	90.0	73.7
A04-74	94.3	86.7	90.5	DAUNTLESS (A05-315)	57.0	90.0	73.5
CABERNET	92.0	86.7	89.3	EMPIRE	65.7	80.0	72.8
J-1770	88.7	90.0	89.3	SRX 5321	59.0	86.7	72.8
BURL 3-51	93.3	83.3	88.3	PST-K10-106D	65.0	80.0	72.5
SRX 466	88.7	86.7	87.7	BAR PP 119326	57.3	86.7	72.0
A03-1017	90.0	83.3	86.7	PICK TD8	56.0	86.7	71.3
BURL 06-11	85.0	86.7	85.8	SHAMROCK	61.0	80.0	70.5
PICK 033	91.7	80.0	85.8	PPH 9131	77.3	63.3	70.3
BARON	80.0	90.0	85.0	SRX 2758	66.3	73.3	69.8
PICK 4340	89.7	80.0	84.8	RUBIX (4S2W)	49.0	90.0	69.5
SKYE	83.0	86.7	84.8	BAR 12PP 612	65.0	73.3	69.2
BLUE NOTE	79.0	90.0	84.5	LEGEND (A10-1)	51.0	86.7	68.8
BAR VV 112916	82.0	86.7	84.3	PST-K9-99	53.7	83.3	68.5
A06-46	84.7	83.3	84.0	A04-38	50.0	86.7	68.3
BAR VV 118532	80.7	86.7	83.7	H99-1653	49.3	86.7	68.0
KENBLUE	80.0	86.7	83.3	PICK TD9	59.3	76.7	68.0
ENDURANCE (PST-K4-7)	83.0	83.3	83.2	WATERWORKS (A05-204)	51.3	83.3	67.3
NU CHICAGO	79.3	86.7	83.0	A01-1106	60.7	73.3	67.0
J-1136	81.3	83.3	82.3	PST-T10-18	43.3	90.0	66.7
PP 10847	77.7	86.7	82.2	A06-26	49.3	83.3	66.3
KEENELAND (A04-342)	73.3	90.0	81.7	BAR PP 119327	51.0	80.0	65.5
J-1853	83.0	80.0	81.5	A05-361	50.7	80.0	65.3
AVID	79.3	83.3	81.3	ARROWHEAD	49.3	80.0	64.7
A05-360	82.3	80.0	81.2	RAD-849	41.0	86.7	63.8
A05-TB-382	92.3	66.7	79.5	ZINGER (A05-306)	37.7	90.0	63.8
RAD-1492	82.0	76.7	79.3	OASIS (A98-344)	47.3	80.0	63.7
LTP-08-6	74.3	83.3	78.8	A00-4199	42.7	83.3	63.0
LUNAR (PST-07-261)	83.3	73.3	78.3	RUSH	54.3	70.0	62.2
PICK MP07	66.3	90.0	78.2	PST-K4-3	54.0	70.0	62.0
A98-363	69.3	86.7	78.0	A00-2882	46.7	76.7	61.7
SRX 4338	69.0	86.7	77.8	BAR 8PP 504	48.0	73.3	60.7
BARDUKE	75.0	80.0	77.5	A05-999	33.0	86.7	59.8
A06-47	67.0	86.7	76.8	PST-K9-97	43.0	76.7	59.8
RAD-507	76.3	76.7	76.5	PST-K9-90	39.7	80.0	59.8
BLUE COAT (AKB 2282)	67.7	83.3	75.5	AKB 2555	58.0	60.0	59.0
DPPP 818	64.0	86.7	75.3	BLACKJACK	33.7	70.0	51.8
AWARD	63.7	86.7	75.2	A05-329	52.0	50.0	51.0
3733	80.3	70.0	75.2				
AMERICA	70.0	80.0	75.0	LSD VALUE	23.2	15.9	14.0
				C.V. (%)	21.4	12.1	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 26.

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	NJ1	NJ2	TN1	MEAN	NAME	NJ1	NJ2	TN1	MEAN
A05-TB-382	7.3	6.3	8.0	7.2	A98-363	3.7	4.7	7.7	5.3
PICK TD8	5.7	7.0	8.0	6.9	BURL 3-51	3.7	4.0	8.3	5.3
A01-1106	6.7	5.7	8.0	6.8	MIDNIGHT	1.7	6.7	7.7	5.3
A05-360	6.0	6.0	8.3	6.8	SRX 2758	4.3	4.0	7.7	5.3
LUNAR (PST-07-261)	5.0	7.7	7.7	6.8	CABERNET	4.3	3.7	7.7	5.2
PICK MP07	6.0	6.3	7.7	6.7	J-1853	1.3	6.7	7.7	5.2
A00-2882	5.7	6.0	8.0	6.6	RUSH	2.7	6.3	6.7	5.2
BAR PP 110358	7.0	5.7	7.0	6.6	SRX 4338	2.0	5.7	8.0	5.2
Barvette HGT (BAR VV 0709)	6.0	6.3	7.3	6.6	A06-47	2.7	5.3	7.3	5.1
A05-999	7.0	5.3	7.0	6.4	AMERICA	3.3	4.7	7.3	5.1
BAR VV 118532	5.0	6.3	8.0	6.4	BLACKJACK	5.0	4.3	6.0	5.1
BAR VV 112916	8.0	3.7	7.3	6.3	BLUE NOTE	3.3	4.3	7.7	5.1
PICK 033	5.3	5.3	8.3	6.3	J-1136	2.0	6.0	7.3	5.1
ENDURANCE (PST-K4-7)	4.0	7.7	7.0	6.2	A00-4199	3.0	4.3	7.7	5.0
LEGEND (A10-1)	4.3	5.7	8.7	6.2	AVID	2.3	4.3	8.3	5.0
EMPIRE	3.7	6.3	8.3	6.1	SUDDEN IMPACT	1.3	6.3	7.3	5.0
A06-46	5.7	5.3	7.3	6.1	A04-74	1.7	5.0	8.0	4.9
RUBIX (4S2W)	6.3	4.7	7.3	6.1	PICK TD9	4.0	4.0	6.7	4.9
DAUNTLESS (A05-315)	5.0	5.0	8.0	6.0	A05-329	2.7	5.0	7.0	4.9
KEENELAND (A04-342)	2.7	7.3	8.0	6.0	BAR 8PP 504	2.3	5.0	7.0	4.8
PST-K9-97	4.7	7.3	6.0	6.0	BAR PP 119326	4.0	3.3	7.0	4.8
A05-361	6.0	4.0	7.7	5.9	LTP-08-6	2.0	4.3	8.0	4.8
SHAMROCK	5.3	4.7	7.7	5.9	OASIS (A98-344)	3.0	3.7	7.7	4.8
A03-1017	2.3	7.3	8.0	5.9	PPH 9131	2.0	5.0	7.3	4.8
A04-36	4.0	5.7	7.7	5.8	RAD-507	3.3	3.7	7.3	4.8
AWARD	3.3	6.0	8.0	5.8	WATERWORKS (A05-204)	2.7	3.3	8.3	4.8
SRX 466	5.0	4.0	8.3	5.8	ARROWHEAD	4.0	2.7	7.3	4.7
PST-T10-18	5.0	4.3	8.0	5.8	PST-K9-90	3.3	4.3	6.3	4.7
BURL 06-11	4.7	4.3	8.0	5.7	A06-26	2.0	4.0	7.7	4.6
PICK 4340	2.7	6.7	7.7	5.7	BLUE COAT (AKB 2282)	1.7	4.3	7.7	4.6
PST-K10-106D	5.7	3.7	7.7	5.7	3733	2.0	3.7	7.0	4.2
SRX 5321	4.7	4.7	7.7	5.7	RAD-1492	2.0	2.0	8.7	4.2
BAR 12PP 612	3.7	6.7	6.3	5.6	THERMAL BLUE	3.7	2.0	7.0	4.2
KENBLUE	7.0	2.3	7.3	5.6	BARDUKE	2.3	2.3	7.3	4.0
H99-1653	4.3	4.3	8.0	5.6	AKB 2555	2.0	3.3	6.3	3.9
J-1770	1.7	7.0	8.0	5.6	PST-K9-99	1.7	2.7	7.0	3.8
SKYE	5.0	4.3	7.3	5.6	BARON	2.3	1.3	7.3	3.7
ZINGER (A05-306)	3.7	6.0	7.0	5.6	BAR PP 119327	1.7	1.7	7.3	3.6
A04-38	4.0	4.7	7.7	5.4	DPPP 818	1.0	2.0	7.3	3.4
NU CHICAGO	2.3	6.0	8.0	5.4					
PP 10847	2.0	7.0	7.3	5.4	LSD VALUE	1.8	1.5	1.0	0.9
PST-K4-3	4.3	5.0	7.0	5.4	C.V. (%)	29.9	19.5	8.0	17.1
RAD-849	3.3	7.3	5.7	5.4					

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 27. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

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	A03-1017	5.0
BAR PP 110358	6.7	AMERICA	5.0
ENDURANCE (PST-K4-7)	6.7	AWARD	5.0
LEGEND (A10-1)	6.7	BURL 06-11	5.0
OASIS (A98-344)	6.7	PICK TD9	5.0
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	A05-361	4.7
A04-74	6.0	A05-329	4.7
BARON	6.0	AVID	4.7
KEENELAND (A04-342)	6.0	BAR PP 119327	4.7
PPH 9131	6.0	BAR VV 112916	4.7
SKYE	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
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
ARROWHEAD	5.3	MIDNIGHT	4.3
BAR PP 119326	5.3	PST-K4-3	4.3
Barvette HGT (BAR VV 0709)	5.3	SHAMROCK	4.3
BLUE NOTE	5.3	SRX 466	4.3
BURL 3-51	5.3	THERMAL BLUE	4.3
CABERNET	5.3	BLACKJACK	4.0
DPPP 818	5.3	KENBLUE	4.0
H99-1653	5.3	PST-K10-106D	4.0
J-1136	5.3	AKB 2555	3.7
J-1853	5.3	PICK MP07	3.7
NU CHICAGO	5.3	RUSH	3.7
PICK TD8	5.3		
PP 10847	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.

TABLE 28. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	NJ2	NAME	NJ2
PST-K9-90	8.3	PST-K4-3	5.3
A01-1106	7.7	RAD-1492	5.3
AVID	7.7	RAD-849	5.3
PST-K9-97	7.7	SRX 466	5.3
A03-1017	7.3	DAUNTLESS (A05-315)	5.0
BURL 3-51	7.3	H99-1653	5.0
J-1136	7.3	LTP-08-6	5.0
A00-2882	7.0	OASIS (A98-344)	5.0
A05-361	7.0	PST-K9-99	5.0
A06-47	7.0	A04-36	4.7
MIDNIGHT	7.0	BARON	4.7
RUSH	7.0	PST-T10-18	4.7
A00-4199	6.7	RAD-507	4.7
A06-46	6.7	SKYE	4.7
LEGEND (A10-1)	6.7	THERMAL BLUE	4.7
A05-360	6.3	A04-38	4.3
A06-26	6.3	AMERICA	4.3
ARROWHEAD	6.3	BLUE COAT (AKB 2282)	4.3
AWARD	6.3	PICK TD8	4.3
BAR PP 110358	6.3	PICK TD9	4.3
EMPIRE	6.3	SHAMROCK	4.3
ENDURANCE (PST-K4-7)	6.3	3733	4.0
J-1770	6.3	A05-TB-382	4.0
J-1853	6.3	BAR 8PP 504	4.0
NU CHICAGO	6.3	PICK MP07	4.0
A04-74	6.0	PP 10847	4.0
A05-999	6.0	PPH 9131	4.0
A05-329	6.0	ZINGER (A05-306)	4.0
BLUE NOTE	6.0	A98-363	3.7
KEENELAND (A04-342)	6.0	AKB 2555	3.7
PICK 033	6.0	BAR VV 112916	3.7
PST-K10-106D	6.0	BAR VV 118532	3.7
RUBIX (4S2W)	6.0	BARDUKE	3.7
SRX 2758	6.0	BURL 06-11	3.7
SRX 5321	6.0	WATERWORKS (A05-204)	3.7
PICK 4340	5.7	LUNAR (PST-07-261)	3.3
SRX 4338	5.7	Barvette HGT (BAR VV 0709)	3.0
SUDDEN IMPACT	5.7	KENBLUE	3.0
BAR 12PP 612	5.3	BLACKJACK	2.7
BAR PP 119326	5.3		
BAR PP 119327	5.3	LSD VALUE	1.4
CABERNET	5.3	C.V. (%)	16.6
DPPP 818	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 29.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	NJ2	WI1	MEAN	NAME	NJ2	WI1	MEAN
BAR 8PP 504	7.7	7.7	7.7	SRX 2758	5.3	8.0	6.7
A06-46	7.3	8.0	7.7	3733	5.7	7.3	6.5
BAR PP 110358	8.0	7.3	7.7	A04-38	5.7	7.3	6.5
KEENELAND (A04-342)	7.3	8.0	7.7	PICK 033	5.3	7.7	6.5
A03-1017	6.7	8.3	7.5	PST-K10-106D	6.0	7.0	6.5
Barvette HGT (BAR VV 0709)	7.3	7.7	7.5	RAD-507	5.3	7.7	6.5
NU CHICAGO	7.3	7.7	7.5	WATERWORKS (A05-204)	5.0	8.0	6.5
PICK TD8	7.3	7.7	7.5	BAR PP 119327	5.7	7.0	6.3
PP 10847	7.0	8.0	7.5	BLUE COAT (AKB 2282)	5.0	7.7	6.3
A98-363	6.7	8.0	7.3	SKYE	4.7	8.0	6.3
BURL 06-11	6.7	8.0	7.3	PST-K9-99	5.3	7.3	6.3
H99-1653	7.0	7.7	7.3	BURL 3-51	4.7	7.7	6.2
J-1136	7.0	7.7	7.3	PST-K9-90	4.7	7.7	6.2
J-1770	6.3	8.3	7.3	THERMAL BLUE	5.7	6.7	6.2
PST-T10-18	6.7	8.0	7.3	AMERICA	5.0	7.3	6.2
RAD-849	6.3	8.3	7.3	ARROWHEAD	5.0	7.3	6.2
BAR VV 112916	7.3	7.3	7.3	SHAMROCK	4.7	7.3	6.0
PICK 4340	7.3	7.3	7.3	SRX 5321	4.3	7.7	6.0
A05-TB-382	6.7	7.7	7.2	A04-74	4.0	7.7	5.8
DAUNTLESS (A05-315)	6.7	7.7	7.2	AKB 2555	4.0	7.7	5.8
KENBLUE	6.3	8.0	7.2	SRX 466	4.0	7.7	5.8
LUNAR (PST-07-261)	6.3	8.0	7.2	A05-360	4.3	7.3	5.8
SRX 4338	6.3	8.0	7.2	RUSH	5.3	6.3	5.8
AWARD	6.0	8.0	7.0	CABERNET	3.7	7.7	5.7
BAR PP 119326	6.0	8.0	7.0	A00-4199	5.3	6.0	5.7
DPPP 818	6.3	7.7	7.0	A05-361	4.7	6.3	5.5
PICK TD9	6.7	7.3	7.0	A05-999	3.7	7.3	5.5
RUBIX (4S2W)	5.7	8.3	7.0	EMPIRE	4.0	7.0	5.5
SUDDEN IMPACT	6.3	7.7	7.0	ENDURANCE (PST-K4-7)	3.3	7.7	5.5
A04-36	5.7	8.0	6.8	PST-K4-3	4.0	7.0	5.5
AVID	6.0	7.7	6.8	A06-26	4.0	6.7	5.3
BAR VV 118532	5.7	8.0	6.8	A06-47	4.0	6.7	5.3
BARDUKE	5.7	8.0	6.8	OASIS (A98-344)	4.0	6.7	5.3
BARON	5.3	8.3	6.8	LTP-08-6	3.3	7.3	5.3
J-1853	6.7	7.0	6.8	A01-1106	3.7	6.7	5.2
LEGEND (A10-1)	5.7	8.0	6.8	A00-2882	3.0	7.3	5.2
RAD-1492	6.0	7.7	6.8	A05-329	3.0	7.3	5.2
ZINGER (A05-306)	6.0	7.7	6.8	PST-K9-97	3.0	7.3	5.2
BLACKJACK	5.7	7.7	6.7	BAR 12PP 612	3.0	7.0	5.0
BLUE NOTE	5.7	7.7	6.7				
PICK MP07	5.7	7.7	6.7	LSD VALUE	1.4	1.0	0.9
MIDNIGHT	5.3	8.0	6.7	C.V. (%)	15.9	8.5	11.8
PPH 9131	6.0	7.3	6.7				

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

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

TABLE 30.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	MD1	NJ1	TN1	MEAN	NAME	MD1	NJ1	TN1	MEAN
SRX 5321	8.0	8.7	8.0	8.2	PICK TD9	7.7	7.0	7.3	7.3
A04-74	8.3	8.7	7.0	8.0	PST-K9-90	7.3	7.7	7.0	7.3
A06-47	8.0	8.0	8.0	8.0	PST-K9-97	7.7	7.0	7.3	7.3
A05-329	8.0	8.0	8.0	8.0	PICK TD8	7.7	7.3	6.7	7.2
MIDNIGHT	7.7	8.3	8.0	8.0	KEENELAND (A04-342)	6.3	7.3	8.0	7.2
SKYE	7.7	7.3	9.0	8.0	ARROWHEAD	7.0	6.7	7.7	7.1
BAR PP 110358	7.0	7.7	9.0	7.9	CABERNET	6.7	6.3	8.3	7.1
BURL 3-51	8.0	8.3	7.3	7.9	SRX 4338	7.0	6.7	7.7	7.1
J-1770	7.7	7.7	8.3	7.9	AVID	6.7	6.3	7.7	6.9
BURL 06-11	7.7	7.7	8.0	7.8	BAR VV 118532	6.7	6.7	7.3	6.9
EMPIRE	8.0	8.3	7.0	7.8	A05-360	5.7	7.0	7.7	6.8
ENDURANCE (PST-K4-7)	7.7	8.0	7.7	7.8	SHAMROCK	6.7	6.7	7.0	6.8
J-1853	7.7	8.0	7.7	7.8	SRX 2758	6.3	6.7	7.3	6.8
PST-K4-3	7.7	8.0	7.7	7.8	A04-38	7.0	7.0	6.0	6.7
SUDDEN IMPACT	8.3	7.3	7.7	7.8	BLACKJACK	6.3	6.3	7.3	6.7
LUNAR (PST-07-261)	7.3	8.0	8.0	7.8	H99-1653	6.3	5.7	8.0	6.7
A06-46	6.3	8.3	8.3	7.7	PST-K10-106D	6.0	6.3	7.7	6.7
AMERICA	7.7	7.3	8.0	7.7	DAUNTLESS (A05-315)	6.7	6.0	7.0	6.6
LTP-08-6	6.7	8.3	8.0	7.7	RAD-849	6.7	6.0	7.0	6.6
PICK 4340	7.7	7.0	8.3	7.7	RUSH	7.0	6.7	6.0	6.6
RAD-1492	7.7	8.0	7.3	7.7	A05-999	6.0	7.3	6.3	6.6
A00-2882	7.7	8.0	7.0	7.6	PST-T10-18	6.3	5.3	8.0	6.6
A03-1017	7.3	7.7	7.7	7.6	PICK MP07	7.0	5.3	7.0	6.4
BLUE NOTE	7.0	8.0	7.7	7.6	RUBIX (4S2W)	6.3	6.3	6.7	6.4
LEGEND (A10-1)	8.0	8.3	6.3	7.6	ZINGER (A05-306)	6.7	6.0	6.3	6.3
NU CHICAGO	7.7	7.7	7.3	7.6	A04-36	6.7	5.3	6.7	6.2
OASIS (A98-344)	7.0	8.0	7.7	7.6	DPPP 818	6.3	5.7	6.7	6.2
PICK 033	6.7	7.0	9.0	7.6	BARON	7.3	4.3	7.0	6.2
3733	8.0	7.3	7.3	7.6	RAD-507	7.0	4.0	7.3	6.1
AKB 2555	8.7	6.7	7.3	7.6	BARDUKE	6.3	4.3	6.7	5.8
J-1136	7.3	7.3	8.0	7.6	PP 10847	5.0	5.0	7.0	5.7
SRX 466	6.0	8.0	8.7	7.6	A00-4199	6.0	4.0	6.7	5.6
A05-361	7.0	7.7	7.7	7.4	BAR PP 119327	5.3	4.3	6.3	5.3
A05-TB-382	6.7	7.0	8.7	7.4	PST-K9-99	5.7	3.0	7.3	5.3
A98-363	7.0	7.7	7.7	7.4	THERMAL BLUE	4.7	3.7	6.0	4.8
BAR 8PP 504	7.0	7.0	8.3	7.4	KENBLUE	4.7	2.0	7.3	4.7
WATERWORKS (A05-204)	7.7	7.0	7.7	7.4	BAR PP 119326	4.0	3.3	6.3	4.6
A01-1106	7.0	8.0	7.3	7.4	PPH 9131	4.0	1.7	7.7	4.4
A06-26	7.7	7.3	7.3	7.4	BAR VV 112916	4.3	2.0	6.3	4.2
BLUE COAT (AKB 2282)	7.3	8.0	7.0	7.4					
AWARD	7.7	7.3	7.0	7.3	LSD VALUE	1.3	2.1	1.2	0.9
BAR 12PP 612	7.0	8.0	7.0	7.3	C.V. (%)	11.3	19.1	10.3	13.9
Barvette HGT (BAR VV 0709)	6.7	6.7	8.7	7.3					

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 31.

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	VA1	NAME	VA1
3733	9.0	LEGEND (A10-1)	9.0
A00-2882	9.0	LTP-08-6	9.0
A00-4199	9.0	LUNAR (PST-07-261)	9.0
A01-1106	9.0	NU CHICAGO	9.0
A04-36	9.0	OASIS (A98-344)	9.0
A04-38	9.0	PICK 033	9.0
A04-74	9.0	PICK 4340	9.0
A05-360	9.0	PICK TD8	9.0
A05-361	9.0	PICK TD9	9.0
A05-999	9.0	PP 10847	9.0
A05-TB-382	9.0	PPH 9131	9.0
A06-26	9.0	PST-K4-3	9.0
A06-47	9.0	PST-K9-90	9.0
A98-363	9.0	PST-K9-99	9.0
AKB 2555	9.0	RAD-1492	9.0
AMERICA	9.0	RAD-849	9.0
ARROWHEAD	9.0	RUSH	9.0
A05-329	9.0	SHAMROCK	9.0
AVID	9.0	SRX 2758	9.0
AWARD	9.0	SRX 4338	9.0
BAR 12PP 612	9.0	SRX 466	9.0
BAR 8PP 504	9.0	SRX 5321	9.0
BAR PP 110358	9.0	SUDDEN IMPACT	9.0
BAR PP 119326	9.0	THERMAL BLUE	9.0
BAR PP 119327	9.0	WATERWORKS (A05-204)	9.0
BAR VV 118532	9.0	ZINGER (A05-306)	9.0
BARDUKE	9.0	A03-1017	8.7
BARON	9.0	A06-46	8.7
BLACKJACK	9.0	MIDNIGHT	8.7
BLUE COAT (AKB 2282)	9.0	PICK MP07	8.7
BLUE NOTE	9.0	PST-K9-97	8.7
BURL 06-11	9.0	SKYE	8.7
BURL 3-51	9.0	Barvette HGT (BAR VV 0709)	8.3
CABERNET	9.0	PST-T10-18	8.3
DAUNTLESS (A05-315)	9.0	PST-K10-106D	8.0
DPPP 818	9.0	RAD-507	8.0
EMPIRE	9.0	RUBIX (4S2W)	8.0
ENDURANCE (PST-K4-7)	9.0	KENBLUE	7.3
H99-1653	9.0	BAR VV 112916	6.7
J-1136	9.0		
J-1770	9.0	LSD VALUE	0.7
J-1853	9.0	C.V. (%)	5.0
KEENELAND (A04-342)	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.

TABLE 32.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	NJ1	TN1	VA1	MEAN	NAME	NJ1	TN1	VA1	MEAN
BAR PP 110358	9.0	8.7	9.0	8.9	RAD-507	8.0	6.3	5.3	6.6
Barvette HGT (BAR VV 0709)	8.7	9.0	9.0	8.9	SRX 5321	8.3	4.3	6.7	6.4
A04-74	9.0	8.3	9.0	8.8	BARDUKE	7.3	6.0	5.7	6.3
MIDNIGHT	9.0	8.3	8.3	8.6	PP 10847	6.7	6.3	6.0	6.3
SRX 466	9.0	7.7	8.7	8.4	PST-K4-3	8.3	4.0	6.7	6.3
A03-1017	9.0	7.7	8.0	8.2	WATERWORKS (A05-204)	7.3	3.3	8.3	6.3
CABERNET	8.0	7.7	8.7	8.1	A04-36	7.7	4.3	6.7	6.2
A05-360	8.7	6.7	9.0	8.1	BAR VV 112916	4.3	6.7	7.7	6.2
A06-46	8.7	7.0	8.7	8.1	DPPP 818	7.7	5.0	6.0	6.2
BLUE NOTE	9.0	6.3	9.0	8.1	KENBLUE	5.3	6.7	6.7	6.2
BURL 3-51	8.7	7.7	8.0	8.1	ARROWHEAD	8.3	3.3	6.7	6.1
PICK 033	7.3	7.7	9.0	8.0	A05-329	7.7	3.7	7.0	6.1
BURL 06-11	8.3	7.3	8.0	7.9	PST-T10-18	7.7	2.7	8.0	6.1
J-1136	8.0	7.0	8.0	7.7	A00-4199	8.3	3.0	6.7	6.0
J-1770	7.7	7.3	8.0	7.7	A04-38	7.0	3.7	7.3	6.0
SKYE	8.3	6.7	8.0	7.7	RAD-1492	7.0	6.7	4.3	6.0
LTP-08-6	9.0	5.7	8.0	7.6	SHAMROCK	7.0	4.3	6.7	6.0
J-1853	8.7	6.7	7.0	7.4	THERMAL BLUE	7.0	4.7	6.3	6.0
A98-363	8.7	5.3	8.0	7.3	AWARD	7.3	4.7	5.7	5.9
AVID	8.7	6.3	7.0	7.3	PST-K10-106D	7.7	5.0	4.7	5.8
SUDDEN IMPACT	8.3	6.0	7.7	7.3	ZINGER (A05-306)	7.3	2.3	7.7	5.8
A05-TB-382	7.0	7.7	7.0	7.2	DAUNTLESS (A05-315)	7.0	4.0	6.0	5.7
SRX 2758	8.3	5.0	8.0	7.1	AKB 2555	7.7	4.7	4.3	5.6
BAR VV 118532	7.7	6.3	7.3	7.1	PICK MP07	5.3	5.3	5.7	5.4
BLUE COAT (AKB 2282)	8.7	5.3	7.3	7.1	BAR PP 119327	8.0	3.7	4.0	5.2
LEGEND (A10-1)	8.7	3.7	9.0	7.1	PPH 9131	5.7	6.3	3.7	5.2
3733	6.0	6.7	8.3	7.0	PST-K9-99	8.0	3.7	4.0	5.2
A06-47	8.3	5.3	7.3	7.0	RUBIX (4S2W)	6.7	3.3	5.7	5.2
LUNAR (PST-07-261)	8.7	7.0	5.3	7.0	RUSH	8.3	3.7	3.7	5.2
NU CHICAGO	8.3	6.3	6.3	7.0	BAR 8PP 504	7.3	3.3	4.3	5.0
AMERICA	8.0	5.7	7.0	6.9	BAR 12PP 612	6.7	5.0	3.0	4.9
EMPIRE	8.7	5.0	7.0	6.9	A05-999	6.3	2.0	6.3	4.9
PICK TD8	8.7	4.0	8.0	6.9	A01-1106	5.7	4.7	3.7	4.7
SRX 4338	8.0	5.3	7.3	6.9	RAD-849	6.0	2.7	5.0	4.6
A05-361	7.7	3.7	9.0	6.8	A00-2882	7.3	3.0	3.0	4.4
ENDURANCE (PST-K4-7)	7.7	7.0	5.7	6.8	PST-K9-97	6.0	2.7	4.7	4.4
KEENELAND (A04-342)	8.0	5.7	6.7	6.8	PST-K9-90	6.0	2.3	3.7	4.0
OASIS (A98-344)	8.7	3.3	8.3	6.8	PICK TD9	2.7	4.3	3.3	3.4
A06-26	9.0	3.7	7.7	6.8	BLACKJACK	4.3	2.0	2.3	2.9
H99-1653	9.0	3.7	7.3	6.7					
PICK 4340	8.0	7.7	4.3	6.7	LSD VALUE	2.7	2.4	2.7	1.5
BAR PP 119326	8.0	4.0	7.7	6.6	C.V. (%)	22.2	28.6	24.9	24.9
BARON	8.0	6.7	5.0	6.6					

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 33.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	IN1	MD1	NJ1	MEAN	NAME	IN1	MD1	NJ1	MEAN
Barvette HGT (BAR VV 0709)	9.0	8.7	9.0	8.9	A06-47	6.3	8.0	7.7	7.3
KENBLUE	9.0	9.0	8.7	8.9	PST-K10-106D	7.3	7.3	7.3	7.3
BAR VV 112916	8.7	8.7	9.0	8.8	PICK 4340	7.3	8.3	6.0	7.2
A03-1017	9.0	8.7	8.3	8.7	PST-K9-97	6.0	8.0	7.7	7.2
H99-1653	9.0	8.3	8.7	8.7	SKYE	7.0	7.7	7.0	7.2
J-1136	9.0	8.7	8.3	8.7	SRX 4338	6.3	8.7	6.7	7.2
J-1770	8.7	8.7	8.7	8.7	ZINGER (A05-306)	8.0	7.7	6.0	7.2
J-1853	9.0	8.7	8.3	8.7	BLACKJACK	6.3	7.0	8.3	7.2
NU CHICAGO	9.0	8.7	8.3	8.7	PPH 9131	7.7	7.7	5.7	7.0
PST-T10-18	9.0	8.3	8.7	8.7	AVID	8.7	8.3	3.7	6.9
A05-360	9.0	8.3	8.3	8.6	A04-38	5.7	6.3	7.7	6.6
A05-361	8.7	8.3	8.3	8.4	A05-TB-382	6.7	7.0	6.0	6.6
MIDNIGHT	9.0	8.7	7.7	8.4	BURL 06-11	7.3	8.0	4.3	6.6
RAD-849	9.0	8.3	8.0	8.4	A98-363	6.3	7.0	6.0	6.4
SRX 2758	8.7	8.7	8.0	8.4	A06-26	6.7	7.3	4.7	6.2
SRX 466	9.0	8.3	8.0	8.4	RAD-507	6.3	7.3	5.0	6.2
SUDDEN IMPACT	8.7	9.0	7.7	8.4	LEGEND (A10-1)	6.3	8.0	4.0	6.1
PST-K4-3	8.3	8.3	8.3	8.3	A04-36	5.7	7.3	5.0	6.0
PST-K9-90	8.7	8.3	8.0	8.3	SHAMROCK	5.0	6.7	6.3	6.0
A01-1106	8.0	8.0	8.7	8.2	BAR VV 118532	6.0	6.0	5.7	5.9
THERMAL BLUE	7.7	8.0	8.7	8.1	SRX 5321	5.3	6.7	5.7	5.9
BAR 8PP 504	8.7	8.0	7.7	8.1	BAR PP 119327	6.7	6.7	4.0	5.8
BURL 3-51	9.0	8.7	6.7	8.1	ARROWHEAD	6.3	6.7	4.0	5.7
PICK 033	8.0	8.3	7.7	8.0	A05-329	3.7	7.7	5.7	5.7
EMPIRE	8.7	8.3	7.0	8.0	DPPP 818	6.0	7.7	3.3	5.7
RAD-1492	8.3	7.7	8.0	8.0	ENDURANCE (PST-K4-7)	5.0	7.7	4.3	5.7
RUSH	8.0	9.0	7.0	8.0	BAR 12PP 612	5.0	5.7	6.0	5.6
DAUNTLESS (A05-315)	8.0	7.7	8.0	7.9	PICK TD8	5.0	6.7	5.0	5.6
CABERNET	8.7	7.7	7.3	7.9	LTP-08-6	6.0	7.0	3.3	5.4
PICK TD9	8.3	8.0	7.0	7.8	LUNAR (PST-07-261)	4.7	6.3	5.3	5.4
A00-4199	7.3	8.7	7.0	7.7	AMERICA	5.3	7.0	3.7	5.3
BAR PP 110358	8.0	7.3	7.7	7.7	BARDUKE	6.7	7.0	2.3	5.3
PP 10847	7.7	8.0	7.3	7.7	PST-K9-99	5.7	6.3	3.7	5.2
RUBIX (4S2W)	8.7	8.3	6.0	7.7	BARON	6.0	7.0	2.3	5.1
A04-74	8.3	8.7	5.7	7.6	BLUE COAT (AKB 2282)	5.0	5.3	4.7	5.0
AWARD	7.7	8.7	6.3	7.6	OASIS (A98-344)	4.7	6.7	2.7	4.7
A06-46	8.3	8.0	6.0	7.4	3733	3.3	4.3	4.7	4.1
BLUE NOTE	7.3	8.3	6.7	7.4	AKB 2555	2.7	4.0	4.3	3.7
KEENELAND (A04-342)	8.0	8.3	6.0	7.4	WATERWORKS (A05-204)	2.3	4.7	1.7	2.9
PICK MP07	8.0	7.7	6.7	7.4					
A05-999	7.0	8.0	7.3	7.4	LSD VALUE	1.6	0.9	2.0	0.9
BAR PP 119326	8.3	7.7	6.3	7.4	C.V. (%)	14.1	7.2	19.6	13.9
A00-2882	7.0	7.7	7.3	7.3					

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. MOWING QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	NJ2	NAME	NJ2
J-1136	8.7	A00-2882	6.3
J-1853	8.7	A04-38	6.3
MIDNIGHT	8.7	BURL 06-11	6.3
SRX 2758	8.7	PICK TD9	6.3
A03-1017	8.3	A06-26	6.0
A05-360	8.3	KENBLUE	6.0
Barvette HGT (BAR VV 0709)	8.3	RAD-1492	5.7
BLUE NOTE	8.3	SKYE	5.7
KEENELAND (A04-342)	8.3	THERMAL BLUE	5.7
PICK 4340	8.3	A06-47	5.3
SRX 4338	8.3	BAR 12PP 612	5.3
A00-4199	8.0	OASIS (A98-344)	5.3
A05-361	8.0	A04-36	5.0
BAR 8PP 504	8.0	BAR PP 119326	5.0
BURL 3-51	8.0	DPPP 818	5.0
H99-1653	8.0	PP 10847	5.0
J-1770	8.0	A05-TB-382	4.3
PST-K10-106D	8.0	A98-363	4.3
PST-K9-90	8.0	A05-329	4.0
RUBIX (4S2W)	8.0	CABERNET	4.0
RUSH	8.0	PPH 9131	4.0
SRX 466	8.0	ZINGER (A05-306)	4.0
A01-1106	7.7	AMERICA	3.7
A06-46	7.7	BAR PP 119327	3.7
ARROWHEAD	7.7	BAR VV 118532	3.7
AVID	7.7	BLUE COAT (AKB 2282)	3.7
NU CHICAGO	7.7	PICK TD8	3.7
PST-K4-3	7.7	PST-K9-99	3.7
PST-T10-18	7.7	RAD-507	3.3
RAD-849	7.7	BARDUKE	3.0
SRX 5321	7.7	ENDURANCE (PST-K4-7)	3.0
SUDDEN IMPACT	7.7	AKB 2555	2.7
A04-74	7.3	BARON	2.7
BAR VV 112916	7.3	LUNAR (PST-07-261)	2.7
DAUNTLESS (A05-315)	7.3	PICK MP07	2.7
EMPIRE	7.3	SHAMROCK	2.7
LEGEND (A10-1)	7.3	3733	2.3
PICK 033	7.3	BLACKJACK	2.3
PST-K9-97	7.3	WATERWORKS (A05-204)	1.3
BAR PP 110358	7.0		
LTP-08-6	7.0	LSD VALUE	1.5
A05-999	6.7	C.V. (%)	14.8
AWARD	6.7		

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

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

TABLE 35. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

NAME	IL1	KS1	NJ2	UT1	WA1	MEAN
PICK 4340	6.3	8.7	8.0	6.3	8.0	7.5
SRX 4338	7.3	8.7	8.3	5.7	6.7	7.3
BLUE NOTE	7.0	8.3	9.0	3.7	7.7	7.1
NU CHICAGO	7.3	7.3	7.0	6.3	7.3	7.1
A03-1017	7.3	8.0	8.0	4.7	7.0	7.0
A05-360	6.7	7.0	8.3	5.7	7.3	7.0
Barvette HGT (BAR VV 0709)	7.3	7.3	8.7	4.7	7.0	7.0
H99-1653	6.3	8.7	8.7	4.7	6.7	7.0
J-1853	7.7	7.7	8.0	5.0	6.7	7.0
KEENELAND (A04-342)	7.0	7.0	7.7	6.0	7.3	7.0
BAR PP 110358	6.0	8.0	8.7	5.0	7.0	6.9
J-1136	6.7	6.7	7.7	6.3	7.3	6.9
SKYE	6.7	7.3	8.0	6.3	6.3	6.9
SRX 2758	6.0	7.7	8.0	5.7	7.0	6.9
PICK 033	6.3	8.0	7.3	6.0	6.3	6.8
RUSH	5.7	7.0	8.3	5.7	7.0	6.7
ARROWHEAD	6.0	8.0	7.7	5.3	6.7	6.7
SRX 466	5.3	7.0	8.0	6.3	7.0	6.7
SRX 5321	7.3	5.7	7.7	5.7	7.0	6.7
A06-46	6.0	8.0	7.3	5.0	7.0	6.7
BURL 06-11	7.3	6.3	7.0	6.0	6.7	6.7
PICK TD8	7.7	7.3	6.0	6.3	5.7	6.6
RUBIX (4S2W)	5.3	8.3	8.0	4.3	7.0	6.6
SUDDEN IMPACT	7.0	6.3	7.3	5.7	6.7	6.6
BAR 8PP 504	6.3	5.7	8.3	4.3	8.0	6.5
DAUNTLESS (A05-315)	7.7	7.7	7.3	3.7	6.3	6.5
A04-38	7.0	6.0	7.3	4.7	7.7	6.5
A05-361	6.0	5.7	9.0	4.3	7.7	6.5
J-1770	6.3	6.0	7.7	5.3	7.3	6.5
LEGEND (A10-1)	6.7	6.0	7.3	5.0	7.3	6.5
A01-1106	5.3	7.3	6.7	6.3	6.7	6.5
PP 10847	6.3	8.7	6.3	4.0	7.0	6.5
A00-4199	5.3	6.7	7.7	5.0	7.3	6.4
ENDURANCE (PST-K4-7)	7.0	7.7	4.7	6.0	6.7	6.4
PST-T10-18	5.0	7.7	8.3	4.0	6.7	6.3
A04-74	7.3	5.3	6.0	6.0	7.0	6.3
RAD-849	7.0	5.3	8.0	4.0	7.3	6.3
BAR 12PP 612	5.3	6.0	7.7	6.0	6.3	6.3
BURL 3-51	6.7	6.0	5.3	6.3	7.0	6.3
LTP-08-6	7.3	6.3	7.0	3.7	7.0	6.3
MIDNIGHT	5.3	6.7	7.0	5.3	7.0	6.3
PPH 9131	6.7	6.0	7.3	5.3	6.0	6.3
PST-K9-97	5.3	7.3	6.7	5.7	6.0	6.2
THERMAL BLUE	5.7	6.7	7.3	5.3	6.0	6.2
A00-2882	4.7	7.7	6.3	5.3	6.7	6.1
A06-26	7.0	5.3	6.7	4.7	7.0	6.1

TABLE 35. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2013 DATA

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

NAME	IL1	KS1	NJ2	UT1	WA1	MEAN
BLUE COAT (AKB 2282)	6.7	7.0	6.3	4.0	6.7	6.1
CABERNET	5.7	8.0	6.7	4.7	5.3	6.1
PST-K9-99	7.0	5.7	5.0	5.0	7.7	6.1
A04-36	6.7	5.3	7.3	4.7	6.3	6.1
BAR VV 118532	7.0	6.3	5.7	5.0	6.3	6.1
OASIS (A98-344)	7.0	5.7	6.3	5.0	6.3	6.1
AVID	6.7	4.7	6.7	5.0	6.7	5.9
EMPIRE	5.7	5.3	5.7	6.3	6.7	5.9
BAR VV 112916	5.3	6.7	8.0	3.3	6.3	5.9
KENBLUE	5.0	6.7	8.3	3.7	5.7	5.9
BAR PP 119326	6.3	6.7	7.3	3.0	6.0	5.9
A05-999	5.7	5.0	8.0	5.0	5.3	5.8
DPPP 818	5.7	5.3	5.7	6.3	6.0	5.8
SHAMROCK	6.3	6.7	4.3	4.7	7.0	5.8
ZINGER (A05-306)	6.3	5.3	6.7	4.3	6.3	5.8
AMERICA	5.7	6.7	4.3	5.0	7.0	5.7
LUNAR (PST-07-261)	6.3	6.0	5.7	5.3	5.3	5.7
RAD-507	6.3	8.7	3.3	5.0	5.3	5.7
A06-47	5.7	6.0	5.0	5.3	6.3	5.7
BARON	6.3	6.7	3.7	5.3	6.3	5.7
PICK MP07	4.0	7.7	5.3	4.3	7.0	5.7
A98-363	7.0	6.7	5.3	3.0	5.7	5.5
AWARD	5.7	7.0	4.7	4.3	6.0	5.5
PICK TD9	5.3	5.0	7.3	5.0	5.0	5.5
PST-K10-106D	5.0	5.7	8.0	3.3	5.7	5.5
WATERWORKS (A05-204)	6.7	5.3	5.7	5.0	4.7	5.5
A05-TB-382	6.7	6.3	6.7	3.3	4.0	5.4
BAR PP 119327	5.0	5.0	4.0	5.7	7.3	5.4
RAD-1492	5.3	8.0	3.7	4.7	5.3	5.4
PST-K4-3	4.7	6.3	6.0	4.3	5.3	5.3
BARDUKE	6.0	7.0	3.0	4.3	6.0	5.3
A05-329	4.3	6.7	3.7	6.3	5.0	5.2
PST-K9-90	5.0	4.7	5.0	3.7	5.3	4.7
3733	4.7	5.3	3.0	5.0	4.3	4.5
BLACKJACK	4.0	4.7	3.0	5.0	5.0	4.3
AKB 2555	4.3	6.0	3.0	3.3	4.7	4.3
LSD VALUE	1.4	1.8	1.7	2.3	1.5	0.8
C.V. (%)	14.4	17.0	15.9	28.9	14.4	17.9

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

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

TABLE 36. EARLY SPRING COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2013 DATA

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

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	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
LTP-08-6	5.3	LEGEND (A10-1)	4.0
OASIS (A98-344)	5.3	PICK 033	4.0
SRX 5321	5.3	PP 10847	4.0
A04-74	5.0	PPH 9131	4.0
A06-26	5.0	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
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	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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS \*/  
 2013 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	4.7	7.1	J-1136	5.9	21.4
A00-2882	5.9	42.9	J-1770	5.8	21.4
A00-4199	5.7	21.4	J-1853	5.9	42.9
A01-1106	5.8	28.6	KEENELAND (A04-342)	6.1	57.1
A03-1017	6.0	50.0	KENBLUE	4.8	0.0
A04-36	5.4	14.3	LEGEND (A10-1)	5.8	35.7
A04-38	5.6	7.1	LTP-08-6	5.7	21.4
A04-74	5.8	28.6	LUNAR (PST-07-261)	5.4	14.3
A05-360	6.1	42.9	MIDNIGHT	5.9	35.7
A05-361	6.0	42.9	NU CHICAGO	5.9	57.1
A05-999	5.3	0.0	OASIS (A98-344)	5.7	21.4
A05-TB-382	5.2	14.3	PICK 033	6.0	50.0
A06-26	5.7	35.7	PICK 4340	6.4	78.6
A06-46	6.2	71.4	PICK MP07	5.3	7.1
A06-47	5.7	35.7	PICK TD8	5.8	28.6
A98-363	5.7	28.6	PICK TD9	5.2	14.3
AKB 2555	4.9	7.1	PP 10847	5.7	21.4
AMERICA	5.4	14.3	PPH 9131	5.1	7.1
ARROWHEAD	5.9	35.7	PST-K10-106D	5.6	7.1
A05-329	5.0	7.1	PST-K4-3	5.3	0.0
AVID	5.7	21.4	PST-K9-90	5.3	14.3
AWARD	5.5	14.3	PST-K9-97	5.3	14.3
BAR 12PP 612	5.1	0.0	PST-K9-99	5.2	0.0
BAR 8PP 504	5.6	7.1	PST-T10-18	5.5	21.4
BAR PP 110358	6.1	64.3	RAD-1492	5.5	21.4
BAR PP 119326	5.3	14.3	RAD-507	5.3	7.1
BAR PP 119327	5.2	7.1	RAD-849	5.5	21.4
BAR VV 112916	5.3	21.4	RUBIX (4S2W)	5.7	28.6
BAR VV 118532	5.4	7.1	RUSH	5.7	28.6
BARDUKE	5.3	0.0	SHAMROCK	5.5	14.3
BARON	5.2	0.0	SKYE	5.9	35.7
Barvette HGT (BAR VV 0709)	5.7	28.6	SRX 2758	5.8	35.7
BLACKJACK	4.8	0.0	SRX 4338	6.1	50.0
BLUE COAT (AKB 2282)	5.7	28.6	SRX 466	6.0	50.0
BLUE NOTE	6.4	78.6	SRX 5321	5.8	28.6
BURL 06-11	5.7	35.7	SUDDEN IMPACT	5.7	35.7
BURL 3-51	5.6	35.7	THERMAL BLUE	5.3	7.1
CABERNET	5.7	28.6	WATERWORKS (A05-204)	5.2	7.1
DAUNTLESS (A05-315)	5.7	28.6	ZINGER (A05-306)	5.3	7.1
DPPP 818	5.3	7.1			
EMPIRE	5.4	35.7	LSD VALUE	0.3	
ENDURANCE (PST-K4-7)	5.7	0.0	C.V. (%)	11.7	
H99-1653	5.8	35.7			

\*/ 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.