

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2011 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2012

<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	MA1
Maryland	College Park	MD1
Minnesota	St. Paul	MN1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	North Brunswick (Traffic Study)	NJ3
North Carolina	Raleigh	NC1
Oklahoma	Stillwater	OK1
Ontaria	Guelph	ON1
Tennessee	Knoxville	TN1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Wisconsin	Madison	WI1

**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	PURE-SEED TESTING
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	BAR VV 0709	BARENBRUG USA
13	J-1853	JACKLIN SEED BY SIMPLOT®	53	BAR VV 112916	BARENBRUG USA
14	A05-204	TURF MERCHANTS	54	BAR PP 110358	BARENBRUG USA
15	A05-329	TURF MERCHANTS	55	BAR PP 119326	BARENBRUG USA
16	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	AKB 2282	COLUMBIA 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	PST-07-261	PURE-SEED TESTING
29	SRX 4338	SEED RESEARCH OF OREGON	69	PST-T10-18	PURE-SEED TESTING
30	LTP-08-6	LEBANON SEABOARD CORP.	70	PST-K4-7	PURE-SEED TESTING
31	A00-2882	DLF INTERNATIONAL SEEDS	71	PST-K9-97	PURE-SEED TESTING
32	A04-342	DLF INTERNATIONAL SEEDS	72	4S2W	COLUMBIA RIVER SEED
33	A06-46	DLF INTERNATIONAL SEEDS	73	3733	COLUMBIA RIVER SEED
34	A05-TB-382	MOUNTAIN VIEW SEEDS	74	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	A10-1	MOUNTAIN VIEW SEEDS	77	RAD-507	COLUMBIA RIVER SEED
38	A05-306	MOUNTAIN VIEW SEEDS	78	A04-36	N. J. AG. EXPERIMENT STATION
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 2013

TABLE A.

2012 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	0-60	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
KS1	-	-	-	-	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
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	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NJ1	LOAM	5.6-6.0	151-270	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	5.6-6.0	271-450	376-500	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	LOAM	5.6-6.0	151-270	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	LOAM	7.1-7.5	151-270	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
ON1	-	-	-	-	-	-	-	-
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
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

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2012

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	LEAF TEXTURE	SEEDLING VIGOR
IA1				X	X	X	X	X	X	X			X		
IL1				X	X	X	X	X	X	X			X		
IL2			X	X	X	X	X	X	X	X	X				X
IN1								X	X	X	X				
KS1				X	X	X	X	X	X	X			X		
MA1				X	X	X	X	X	X	X	X		X		
MD1					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
NJ1					X	X	X	X	X	X					X
NJ2				X	X	X	X	X	X	X			X		
NJ3															
OK1			X	X	X	X	X	X	X	X	X	X			X
ON1					X	X	X	X	X	X	X				
TN1	X	X	X	X	X	X	X	X	X	X	X	X	X		
UT1					X	X	X	X	X	X			X	X	
VA1			X		X	X	X	X	X	X			X	X	
WA1							X	X	X	X					X
WI1						X	X	X	X	X	X		X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	LEAF SPOT	STEM RUST	SUMMER PATCH	CROWN RUST	POWDERY MILDEW	FALL COLOR DECEMBER
IA1													
IL1													
IL2					X	X						X	
IN1								X					
KS1													
MA1	X												
MD1									X				X
MN1													
NC1	X	X	X	X	X	X	X		X				
NJ1													
NJ2						X							
NJ3													
OK1				X	X					X			
ON1													
TN1				X	X	X							
UT1													
VA1				X									
WA1													
WI1											X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012

LOCATION	PERCENT ESTABLISHMENT	TURFGRASS UNIFORMITY	EARLY SPRING TOP GROWTH	RUST DISEASE	PERCENT SUMMER PATCH	SUMMER PATCH RATINGS			STEM RUST RATINGS		PERCENT ESTABLISHMENT		ESTABLISHMENT	
						JULY_12	AUG_3	AUG_15	MAY	SEPTEMBER	NOV	DEC	OCT_11 2011	APR_12 2012
IA1		X												
IL1	X													
IL2														
IN1				X										
KS1														
MA1	X													
MD1			X											
MN1														
NC1						X	X	X						
NJ1									X	X				
NJ2														
* NJ3														
OK1											X	X		
ON1														
TN1	X				X									
UT1													X	X
VA1	X													
WA1														
WI1														

* MORE DATA FOR NJ3 IN TABLE 12.

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

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

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

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

* COMMERCIALY AVAILABLE IN THE USA IN 2013

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

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

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

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

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

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

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

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

TABLE 3.

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

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

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

TABLE 4.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

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

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

TABLE 5.

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

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	IL1	KS1	MA1	MN1	NC1	NJ1	NJ2	OK1	TN1	VA1	WA1	WI1	MEAN
PICK 4340	5.1	8.2	5.8	6.7	6.3	5.1	6.5	6.7	6.7	6.3	6.7	6.0	6.3
KEENELAND (A04-342)	5.2	8.0	5.5	6.1	6.1	5.1	6.2	7.0	7.0	6.6	6.3	5.4	6.2
A06-46	5.5	8.0	5.9	5.5	6.8	5.1	6.6	6.6	7.1	6.6	5.5	4.8	6.2
SRX 4338	4.9	7.9	5.6	6.5	6.5	4.7	6.5	7.2	6.6	6.3	6.1	4.9	6.1
J-1853	5.2	7.6	6.0	5.9	5.7	5.3	6.8	6.9	6.7	6.4	5.7	5.1	6.1
BAR VV 0709	5.2	7.5	5.5	5.3	6.2	6.2	4.7	7.1	7.0	6.2	5.6	6.2	6.1
BLUE NOTE	5.0	7.3	5.4	6.0	6.1	5.3	6.0	7.1	6.8	6.0	6.0	5.5	6.1
MIDNIGHT	5.0	7.2	5.9	5.3	6.2	4.8	6.4	6.9	6.5	6.3	6.4	5.2	6.0
J-1770	5.0	7.2	6.1	6.1	6.1	5.6	6.9	6.6	6.7	5.8	5.2	5.1	6.0
A03-1017	5.0	7.9	5.6	5.9	5.1	5.6	6.8	7.0	6.7	5.8	5.9	4.6	6.0
PICK 033	5.6	7.6	5.8	5.0	6.1	5.3	6.1	6.5	7.1	6.4	6.2	4.1	6.0
SKYE	4.9	8.1	5.4	5.4	6.1	5.9	5.6	6.7	7.0	6.1	5.4	5.1	6.0
BAR PP 110358	5.2	7.5	5.5	5.2	6.5	5.1	5.1	6.6	7.1	6.3	5.4	5.9	6.0
J-1136	4.9	7.3	5.7	6.1	5.5	4.4	7.1	6.9	6.7	5.7	6.3	4.6	5.9
H99-1653	5.0	7.5	6.3	5.3	6.0	5.9	5.1	6.4	6.7	5.5	5.1	5.8	5.9
A01-1106	5.5	7.5	5.1	4.8	5.7	5.1	5.8	6.8	6.6	7.0	6.3	4.2	5.9
SRX 466	5.1	7.5	5.3	5.3	6.5	4.1	6.0	6.3	6.8	6.8	6.0	4.8	5.9
SRX 2758	5.4	7.2	5.8	5.9	5.9	4.8	6.4	6.8	6.6	5.7	5.9	3.9	5.9
NU CHICAGO	4.8	7.7	5.8	5.9	5.6	5.2	6.3	6.6	6.7	5.4	5.8	4.5	5.9
A00-2882	5.2	7.8	5.1	5.1	6.3	4.0	5.5	6.7	6.7	7.2	5.9	4.6	5.8
PST-T10-18	5.1	7.5	6.0	5.3	5.4	5.5	5.4	6.1	6.4	6.4	5.0	5.7	5.8
A06-26	5.3	7.6	5.5	5.4	6.1	5.7	5.4	6.8	6.4	4.9	6.0	4.7	5.8
SUDDEN IMPACT	4.8	7.4	6.0	5.5	5.1	4.5	6.6	6.5	6.6	6.2	6.3	4.3	5.8
A00-4199	5.6	7.5	5.0	4.7	5.4	5.9	5.5	6.4	6.4	6.0	5.6	5.7	5.8
PP 10847	4.7	7.8	6.1	5.4	5.3	5.9	5.2	6.5	6.7	4.6	6.0	5.6	5.8
A05-360	5.0	7.7	5.6	5.3	5.4	4.8	5.6	6.9	6.8	6.1	6.0	4.5	5.8
A05-TB-382	5.5	7.4	5.2	4.4	5.7	4.8	5.4	6.4	6.8	6.2	6.3	5.3	5.8
LEGEND (A10-1)	5.7	7.0	5.2	5.6	5.1	4.4	6.2	6.8	6.4	5.5	6.6	5.0	5.8
BAR 8PP 504	5.1	7.5	5.0	5.1	6.1	5.3	5.1	6.9	6.8	5.9	5.3	5.1	5.8
LTP-08-6	5.2	7.5	5.4	5.8	5.8	3.9	5.4	6.9	6.8	6.5	5.5	4.1	5.7
PICK TD8	5.2	7.7	5.6	5.5	5.7	5.1	5.0	6.7	6.4	5.1	5.8	5.0	5.7
PST-K10-106D	5.1	7.7	4.9	5.1	5.7	4.4	5.1	6.2	6.7	5.8	6.1	5.6	5.7
A05-315	5.1	7.5	4.8	4.9	4.9	5.6	5.3	6.4	6.6	5.9	5.8	5.6	5.7
BAR VV 112916	4.8	7.3	5.3	5.5	5.7	4.3	5.1	6.4	6.7	6.3	5.3	5.7	5.7
A05-361	5.0	7.4	5.3	4.9	4.8	5.2	6.1	6.9	6.5	6.0	5.5	4.2	5.6
RUSH	4.7	7.5	5.4	5.3	5.3	4.8	6.2	6.4	6.0	5.3	5.9	4.6	5.6
RAD-849	4.7	7.5	5.5	5.5	4.8	5.3	5.5	5.7	5.3	6.1	6.2	5.5	5.6
PST-K4-7	5.5	7.7	5.5	5.5	5.0	3.7	4.5	6.6	5.9	6.4	6.1	4.9	5.6
AKB 2282	4.8	7.8	5.4	4.7	5.5	5.1	4.7	6.2	6.2	5.1	6.7	4.9	5.6
A04-38	4.8	7.4	4.9	5.0	5.5	5.7	4.8	6.6	6.3	4.4	5.6	5.8	5.6
PST-07-261	4.7	7.4	4.8	5.0	5.7	4.8	5.9	6.5	6.1	5.5	5.9	4.5	5.6
BURL 3-51	5.1	6.3	5.8	5.3	4.8	3.3	5.7	7.0	6.7	5.7	6.3	4.6	5.6
A04-36	5.3	7.2	4.9	5.2	5.5	5.1	5.0	6.6	6.1	4.7	5.3	5.4	5.5
A98-344	5.3	7.5	4.8	4.8	5.5	3.6	4.8	6.3	6.8	7.3	5.4	4.4	5.5

TABLE 5. (CONT'D)

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

NAME	IL1	KS1	MA1	MN1	NC1	NJ1	NJ2	OK1	TN1	VA1	WA1	WI1	MEAN
BAR VV 118532	5.1	7.1	5.1	4.4	5.2	4.7	4.3	6.4	6.8	6.3	5.7	5.1	5.5
A98-363	5.0	6.8	5.0	4.4	5.3	4.0	4.8	6.4	6.8	6.4	5.9	5.1	5.5
AVID	4.8	6.8	5.6	5.3	5.4	3.3	5.1	6.3	6.9	5.4	5.7	5.3	5.5
SRX 5321	5.0	6.7	5.5	5.6	5.5	4.7	4.8	6.3	6.4	5.6	5.3	4.3	5.5
THERMAL BLUE	4.8	7.4	5.3	4.3	4.7	5.6	4.3	5.8	6.2	6.4	5.0	5.8	5.5
BURL 06-11	4.8	7.5	5.2	5.8	4.9	3.2	4.9	6.7	6.8	5.0	5.6	5.2	5.5
A04-74	5.0	7.6	5.5	4.7	6.0	3.4	5.3	5.5	6.6	6.0	5.8	4.1	5.5
4S2W	4.9	7.7	6.0	6.2	5.1	3.2	5.2	6.0	6.2	4.9	5.3	4.5	5.4
A05-999	4.6	7.2	4.7	4.3	5.4	5.5	4.3	6.3	6.2	6.0	5.3	4.9	5.4
ARROWHEAD	4.8	7.6	5.3	4.8	5.7	3.7	5.4	6.1	5.9	5.4	5.7	4.5	5.4
PICK MP07	4.7	7.0	5.4	5.0	5.4	3.4	4.0	6.3	6.3	5.8	5.7	5.8	5.4
ZINGER (A05-306)	4.8	7.1	4.6	5.1	4.7	5.3	4.5	6.2	5.4	5.5	5.7	5.6	5.4
CABERNET	4.9	7.5	4.8	4.9	5.5	4.3	4.5	6.1	6.3	6.2	5.0	4.4	5.4
RAD-1492	4.6	7.9	5.8	4.7	5.3	4.7	4.5	6.4	6.4	4.1	6.0	3.9	5.4
BAR PP 119327	4.7	7.4	5.1	4.8	5.1	4.7	4.0	6.3	6.3	4.9	5.8	4.9	5.3
A06-47	4.6	7.5	5.7	5.5	5.6	3.1	4.3	6.2	6.5	5.5	5.8	3.6	5.3
EMPIRE	5.0	6.9	5.1	4.6	5.3	2.5	5.0	7.0	6.6	5.7	5.9	4.3	5.3
PPH 9131	4.5	7.1	5.4	4.8	5.2	3.9	4.5	6.2	6.4	4.9	5.3	5.7	5.3
PST-K4-3	4.8	7.0	5.4	5.5	4.5	4.1	5.1	6.2	6.2	5.4	5.3	4.3	5.3
BAR PP 119326	5.0	7.3	4.8	4.2	4.9	4.2	4.4	5.9	6.3	6.3	4.9	5.5	5.3
AMERICA	4.8	7.5	5.4	4.6	4.9	3.5	4.4	6.2	6.9	5.1	5.3	4.8	5.3
PST-K9-99	4.9	7.1	4.9	4.7	5.7	4.1	3.8	5.8	6.3	5.6	5.7	4.9	5.3
DPPP 818	4.7	7.0	5.4	4.4	5.0	3.8	4.2	6.3	6.5	5.3	5.8	4.9	5.3
A05-204	5.3	7.1	5.3	5.1	4.8	2.9	4.4	6.0	6.5	6.0	5.5	4.3	5.3
SHAMROCK	5.3	7.5	4.5	4.4	5.2	4.5	3.8	6.1	6.1	5.2	5.3	5.3	5.3
BARDUKE	5.0	7.0	5.4	4.5	4.9	3.9	4.0	5.9	6.1	5.4	5.3	5.3	5.2
BARON	4.5	7.2	5.3	4.6	5.5	4.2	3.9	5.7	6.1	4.5	5.9	5.2	5.2
RAD-507	4.8	7.5	4.9	5.1	5.2	3.3	4.2	6.2	6.2	5.1	5.8	4.0	5.2
PST-K9-90	4.5	6.9	5.5	5.4	4.0	4.8	5.3	4.2	5.2	6.0	5.6	4.7	5.2
KENBLUE	4.2	6.3	4.7	3.7	4.7	3.9	3.6	6.2	6.6	5.9	4.5	6.3	5.1
AWARD	4.1	7.1	5.1	3.9	6.0	2.9	5.0	5.9	6.2	4.8	4.8	4.1	5.0
BAR 12PP 612	5.0	7.0	4.9	4.8	4.6	3.2	5.3	5.9	5.8	3.1	6.3	3.6	5.0
PST-K9-97	4.0	7.1	5.1	5.2	4.6	3.0	3.8	6.5	4.6	4.4	6.1	3.8	4.9
BLACKJACK	4.2	7.3	4.0	4.5	3.8	4.1	3.9	4.2	4.9	4.8	6.1	5.6	4.8
A05-329	4.6	7.1	4.3	3.7	4.2	1.9	3.6	5.4	5.5	6.0	4.8	3.8	4.6
PICK TD9	5.0	6.4	4.3	5.0	3.9	2.1	4.7	4.9	4.9	4.9	4.3	4.6	4.6
AKB 2555	4.2	6.7	4.6	3.0	3.8	3.0	3.5	4.9	5.1	5.0	5.8	4.4	4.5
3733	3.9	6.1	4.4	2.8	4.0	2.0	3.5	5.7	6.1	4.7	4.3	3.3	4.2
LSD VALUE	0.7	0.8	0.6	1.0	0.9	1.3	0.7	0.7	0.5	1.3	1.0	1.0	0.3
C.V. (%)	8.3	6.8	7.5	12.0	10.7	17.7	8.2	7.0	5.1	14.1	10.8	12.6	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.

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN AT FOUR LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" **
 2012 DATA

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

NAME	IA1	IN1	MD1	UT1	MEAN
SRX 4338	6.6	7.6	6.0	6.7	6.7
KEENELAND (A04-342)	6.0	7.5	6.1	6.7	6.6
A05-360	6.7	6.3	5.9	6.9	6.5
NU CHICAGO	5.5	6.7	6.2	7.3	6.4
A98-344	6.3	6.1	5.7	7.6	6.4
BLUE NOTE	5.3	7.2	6.2	6.9	6.4
PICK 4340	5.9	7.2	6.0	6.6	6.4
SKYE	6.0	6.9	6.0	6.6	6.4
J-1136	5.7	6.6	6.3	6.9	6.4
SUDDEN IMPACT	5.5	7.1	5.6	7.2	6.3
J-1770	5.3	7.3	6.0	6.8	6.3
PST-K4-7	6.0	6.8	5.9	6.6	6.3
A06-46	5.3	7.3	5.4	7.2	6.3
PICK 033	5.7	6.8	5.7	6.8	6.3
BAR VV 0709	6.0	6.8	6.0	6.3	6.3
LEGEND (A10-1)	6.3	6.4	5.3	6.8	6.2
J-1853	5.6	6.7	5.6	7.0	6.2
BURL 3-51	5.1	6.8	5.5	7.3	6.2
MIDNIGHT	5.9	6.7	5.3	6.8	6.2
RUSH	6.3	5.9	5.7	6.7	6.1
A03-1017	5.2	7.2	5.6	6.6	6.1
SRX 466	5.3	6.9	5.4	6.7	6.1
PST-07-261	5.0	6.8	5.7	6.8	6.1
RAD-1492	4.9	7.0	5.7	6.7	6.1
RAD-849	5.8	7.0	5.1	6.3	6.1
AKB 2282	5.1	6.3	6.0	6.9	6.1
H99-1653	6.0	7.0	5.4	5.9	6.1
A98-363	5.4	6.7	5.8	6.4	6.1
SRX 2758	5.6	7.0	5.4	6.2	6.1
BAR PP 119326	6.7	6.8	5.0	5.6	6.0
PP 10847	5.7	6.4	6.1	5.8	6.0
BAR VV 118532	6.1	6.8	4.9	6.1	6.0
PICK TD8	5.2	7.2	5.2	6.3	6.0
A00-2882	5.9	6.0	4.7	7.3	6.0
A01-1106	5.3	5.8	5.0	7.7	6.0
BAR VV 112916	5.4	6.6	5.1	6.7	5.9
PICK TD9	5.8	7.1	4.5	6.4	5.9
LTP-08-6	5.1	7.1	5.2	6.2	5.9
BURL 06-11	5.2	6.9	5.0	6.5	5.9
A05-361	5.5	6.3	5.8	5.9	5.9
EMPIRE	5.4	6.4	5.0	6.7	5.9
BAR 8PP 504	5.9	6.5	5.0	6.0	5.9
4S2W	5.0	6.3	5.7	6.4	5.8
A06-26	5.0	7.1	4.9	6.2	5.8

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN AT FOUR LOCATIONS IN THE U.S. 1/
 MAINTAINED USING "SCHEDULE B" **
 2012 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IN1	MD1	UT1	MEAN
A05-999	5.2	5.6	5.7	6.7	5.8
AMERICA	6.0	6.7	4.8	5.7	5.8
A04-74	5.3	6.1	4.7	7.0	5.8
A00-4199	5.6	6.7	5.1	5.6	5.8
PST-K4-3	5.5	5.9	5.4	6.1	5.7
AVID	5.6	5.7	5.2	6.4	5.7
SRX 5321	5.6	6.1	5.1	6.1	5.7
ARROWHEAD	6.0	5.8	4.9	6.1	5.7
PST-T10-18	5.4	6.8	5.2	5.4	5.7
BAR PP 110358	5.7	6.8	4.6	5.7	5.7
PST-K10-106D	5.8	5.8	5.2	5.9	5.7
RAD-507	5.0	6.8	4.9	5.9	5.7
PST-K9-90	5.2	5.7	5.5	6.2	5.6
A04-38	6.0	6.6	4.0	6.1	5.6
BAR PP 119327	5.8	6.2	4.7	5.9	5.6
SHAMROCK	6.2	6.1	4.4	5.7	5.6
A04-36	5.4	6.5	4.8	5.8	5.6
A05-TB-382	5.1	7.2	4.7	5.3	5.6
DPPP 818	5.1	6.3	5.0	5.8	5.6
BARON	5.5	6.4	4.8	5.5	5.6
BLACKJACK	5.3	6.3	4.8	5.8	5.5
BARDUKE	5.6	6.4	4.4	5.7	5.5
CABERNET	5.3	6.7	5.4	4.6	5.5
A05-204	4.8	6.1	4.8	6.2	5.5
A05-315	5.2	6.5	4.6	5.6	5.5
THERMAL BLUE	5.8	6.4	4.6	5.1	5.5
PST-K9-99	5.6	5.5	4.9	5.9	5.5
A06-47	5.4	4.8	5.6	5.9	5.4
PPH 9131	5.4	6.8	4.3	4.9	5.4
ZINGER (A05-306)	5.7	6.3	4.3	5.2	5.4
AWARD	5.5	6.1	6.2	3.6	5.4
KENBLUE	5.6	5.9	4.6	5.3	5.3
PICK MP07	5.2	6.1	4.5	5.3	5.3
BAR 12PP 612	4.8	5.6	4.7	5.8	5.2
A05-329	5.0	4.1	4.4	6.5	5.0
AKB 2555	4.9	4.3	4.0	5.1	4.5
PST-K9-97	4.8	4.3	5.3	3.6	4.5
3733	5.2	4.3	3.6	2.8	4.0
LSD VALUE	1.3	0.9	0.7	1.0	0.5
C.V. (%)	14.7	8.4	8.9	9.8	10.6

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

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

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

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT THREE LOCATIONS 1/
IN THE NORTHEAST REGION
2012 DATA

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

NAME	MA1	NJ1	NJ2	MEAN	NAME	MA1	NJ1	NJ2	MEAN
J-1770	6.1	5.6	6.9	6.2	BURL 3-51	5.8	3.3	5.7	4.9
J-1853	6.0	5.3	6.8	6.0	BAR VV 112916	5.3	4.3	5.1	4.9
A03-1017	5.6	5.6	6.8	6.0	A00-2882	5.1	4.0	5.5	4.9
A06-46	5.9	5.1	6.6	5.9	PST-K4-3	5.4	4.1	5.1	4.9
PICK 4340	5.8	5.1	6.5	5.8	A05-999	4.7	5.5	4.3	4.8
H99-1653	6.3	5.9	5.1	5.8	PST-K10-106D	4.9	4.4	5.1	4.8
NU CHICAGO	5.8	5.2	6.3	5.8	ARROWHEAD	5.3	3.7	5.4	4.8
J-1136	5.7	4.4	7.1	5.7	ZINGER (A05-306)	4.6	5.3	4.5	4.8
PP 10847	6.1	5.9	5.2	5.7	4S2W	6.0	3.2	5.2	4.8
PICK 033	5.8	5.3	6.1	5.7	A04-74	5.5	3.4	5.3	4.7
SRX 2758	5.8	4.8	6.4	5.7	BAR VV 118532	5.1	4.7	4.3	4.7
MIDNIGHT	5.9	4.8	6.4	5.7	AVID	5.6	3.3	5.1	4.7
SUDDEN IMPACT	6.0	4.5	6.6	5.7	A98-363	5.0	4.0	4.8	4.6
PST-T10-18	6.0	5.5	5.4	5.6	BAR PP 119327	5.1	4.7	4.0	4.6
SKYE	5.4	5.9	5.6	5.6	PPH 9131	5.4	3.9	4.5	4.6
KEENELAND (A04-342)	5.5	5.1	6.2	5.6	CABERNET	4.8	4.3	4.5	4.5
SRX 4338	5.6	4.7	6.5	5.6	PST-K4-7	5.5	3.7	4.5	4.5
BLUE NOTE	5.4	5.3	6.0	5.6	BARON	5.3	4.2	3.9	4.5
A05-361	5.3	5.2	6.1	5.5	DPPP 818	5.4	3.8	4.2	4.5
A06-26	5.5	5.7	5.4	5.5	BAR 12PP 612	4.9	3.2	5.3	4.5
RUSH	5.4	4.8	6.2	5.5	BARDUKE	5.4	3.9	4.0	4.5
BAR VV 0709	5.5	6.2	4.7	5.5	AMERICA	5.4	3.5	4.4	4.4
A00-4199	5.0	5.9	5.5	5.5	BAR PP 119326	4.8	4.2	4.4	4.4
RAD-849	5.5	5.3	5.5	5.4	BURL 06-11	5.2	3.2	4.9	4.4
A01-1106	5.1	5.1	5.8	5.3	A98-344	4.8	3.6	4.8	4.4
A05-360	5.6	4.8	5.6	5.3	A06-47	5.7	3.1	4.3	4.3
LEGEND (A10-1)	5.2	4.4	6.2	5.3	AWARD	5.1	2.9	5.0	4.3
A05-315	4.8	5.6	5.3	5.2	PICK MP07	5.4	3.4	4.0	4.3
PICK TD8	5.6	5.1	5.0	5.2	SHAMROCK	4.5	4.5	3.8	4.2
BAR PP 110358	5.5	5.1	5.1	5.2	PST-K9-99	4.9	4.1	3.8	4.2
PST-K9-90	5.5	4.8	5.3	5.2	EMPIRE	5.1	2.5	5.0	4.2
PST-07-261	4.8	4.8	5.9	5.2	A05-204	5.3	2.9	4.4	4.2
A05-TB-382	5.2	4.8	5.4	5.1	RAD-507	4.9	3.3	4.2	4.1
A04-38	4.9	5.7	4.8	5.1	KENBLUE	4.7	3.9	3.6	4.1
BAR 8PP 504	5.0	5.3	5.1	5.1	PST-K9-97	5.1	3.0	3.8	4.0
SRX 466	5.3	4.1	6.0	5.1	BLACKJACK	4.0	4.1	3.9	4.0
AKB 2282	5.4	5.1	4.7	5.1	AKB 2555	4.6	3.0	3.5	3.7
THERMAL BLUE	5.3	5.6	4.3	5.1	PICK TD9	4.3	2.1	4.7	3.7
RAD-1492	5.8	4.7	4.5	5.0	3733	4.4	2.0	3.5	3.3
A04-36	4.9	5.1	5.0	5.0	A05-329	4.3	1.9	3.6	3.2
SRX 5321	5.5	4.7	4.8	5.0					
LTP-08-6	5.4	3.9	5.4	4.9	LSD VALUE	0.6	1.3	0.7	0.5
					C.V. (%)	7.5	17.7	8.2	11.3

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

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

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION REGION
2012 DATA

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

NAME	KS1	MD1	NC1	OK1	TN1	VA1	MEAN
KEENELAND (A04-342)	8.0	6.1	6.1	7.0	7.0	6.6	6.8
A06-46	8.0	5.4	6.8	6.6	7.1	6.6	6.8
SRX 4338	7.9	6.0	6.5	7.2	6.6	6.3	6.7
PICK 4340	8.2	6.0	6.3	6.7	6.7	6.3	6.7
BAR VV 0709	7.5	6.0	6.2	7.1	7.0	6.2	6.7
SKYE	8.1	6.0	6.1	6.7	7.0	6.1	6.6
BLUE NOTE	7.3	6.2	6.1	7.1	6.8	6.0	6.6
PICK 033	7.6	5.7	6.1	6.5	7.1	6.4	6.6
A00-2882	7.8	4.7	6.3	6.7	6.7	7.2	6.6
SRX 466	7.5	5.4	6.5	6.3	6.8	6.8	6.5
A98-344	7.5	5.7	5.5	6.3	6.8	7.3	6.5
J-1853	7.6	5.6	5.7	6.9	6.7	6.4	6.5
A05-360	7.7	5.9	5.4	6.9	6.8	6.1	6.5
LTP-08-6	7.5	5.2	5.8	6.9	6.8	6.5	6.4
A01-1106	7.5	5.0	5.7	6.8	6.6	7.0	6.4
BAR PP 110358	7.5	4.6	6.5	6.6	7.1	6.3	6.4
MIDNIGHT	7.2	5.3	6.2	6.9	6.5	6.3	6.4
J-1136	7.3	6.3	5.5	6.9	6.7	5.7	6.4
J-1770	7.2	6.0	6.1	6.6	6.7	5.8	6.4
NU CHICAGO	7.7	6.2	5.6	6.6	6.7	5.4	6.4
BAR 8PP 504	7.5	5.0	6.1	6.9	6.8	5.9	6.3
A03-1017	7.9	5.6	5.1	7.0	6.7	5.8	6.3
SRX 2758	7.2	5.4	5.9	6.8	6.6	5.7	6.3
PST-K4-7	7.7	5.9	5.0	6.6	5.9	6.4	6.3
A98-363	6.8	5.8	5.3	6.4	6.8	6.4	6.2
SUDDEN IMPACT	7.4	5.6	5.1	6.5	6.6	6.2	6.2
BAR VV 112916	7.3	5.1	5.7	6.4	6.7	6.3	6.2
H99-1653	7.5	5.4	6.0	6.4	6.7	5.5	6.2
A05-361	7.4	5.8	4.8	6.9	6.5	6.0	6.2
A05-TB-382	7.4	4.7	5.7	6.4	6.8	6.2	6.2
PST-K10-106D	7.7	5.2	5.7	6.2	6.7	5.8	6.2
CABERNET	7.5	5.4	5.5	6.1	6.3	6.2	6.2
PST-T10-18	7.5	5.2	5.4	6.1	6.4	6.4	6.2
PP 10847	7.8	6.1	5.3	6.5	6.7	4.6	6.2
AKB 2282	7.8	6.0	5.5	6.2	6.2	5.1	6.2
A06-47	7.5	5.6	5.6	6.2	6.5	5.5	6.2
A00-4199	7.5	5.1	5.4	6.4	6.4	6.0	6.1
PST-07-261	7.4	5.7	5.7	6.5	6.1	5.5	6.1
A05-999	7.2	5.7	5.4	6.3	6.2	6.0	6.1
A06-26	7.6	4.9	6.1	6.8	6.4	4.9	6.1
PICK TD8	7.7	5.2	5.7	6.7	6.4	5.1	6.1
BAR VV 118532	7.1	4.9	5.2	6.4	6.8	6.3	6.1
A04-74	7.6	4.7	6.0	5.5	6.6	6.0	6.1
EMPIRE	6.9	5.0	5.3	7.0	6.6	5.7	6.1

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION REGION
2012 DATA

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

NAME	KS1	MD1	NC1	OK1	TN1	VA1	MEAN
RUSH	7.5	5.7	5.3	6.4	6.0	5.3	6.0
AWARD	7.1	6.2	6.0	5.9	6.2	4.8	6.0
LEGEND (A10-1)	7.0	5.3	5.1	6.8	6.4	5.5	6.0
BURL 3-51	6.3	5.5	4.8	7.0	6.7	5.7	6.0
AVID	6.8	5.2	5.4	6.3	6.9	5.4	6.0
A05-315	7.5	4.6	4.9	6.4	6.6	5.9	6.0
BURL 06-11	7.5	5.0	4.9	6.7	6.8	5.0	6.0
BAR PP 119326	7.3	5.0	4.9	5.9	6.3	6.3	6.0
RAD-1492	7.9	5.7	5.3	6.4	6.4	4.1	6.0
ARROWHEAD	7.6	4.9	5.7	6.1	5.9	5.4	5.9
4S2W	7.7	5.7	5.1	6.0	6.2	4.9	5.9
SRX 5321	6.7	5.1	5.5	6.3	6.4	5.6	5.9
AMERICA	7.5	4.8	4.9	6.2	6.9	5.1	5.9
PST-K9-99	7.1	4.9	5.7	5.8	6.3	5.6	5.9
PICK MP07	7.0	4.5	5.4	6.3	6.3	5.8	5.9
A05-204	7.1	4.8	4.8	6.0	6.5	6.0	5.9
THERMAL BLUE	7.4	4.6	4.7	5.8	6.2	6.4	5.9
DPPP 818	7.0	5.0	5.0	6.3	6.5	5.3	5.8
RAD-507	7.5	4.9	5.2	6.2	6.2	5.1	5.8
A04-36	7.2	4.8	5.5	6.6	6.1	4.7	5.8
BAR PP 119327	7.4	4.7	5.1	6.3	6.3	4.9	5.8
PST-K4-3	7.0	5.4	4.5	6.2	6.2	5.4	5.8
SHAMROCK	7.5	4.4	5.2	6.1	6.1	5.2	5.8
RAD-849	7.5	5.1	4.8	5.7	5.3	6.1	5.8
A04-38	7.4	4.0	5.5	6.6	6.3	4.4	5.7
KENBLUE	6.3	4.6	4.7	6.2	6.6	5.9	5.7
PPH 9131	7.1	4.3	5.2	6.2	6.4	4.9	5.7
BARDUKE	7.0	4.4	4.9	5.9	6.1	5.4	5.6
BARON	7.2	4.8	5.5	5.7	6.1	4.5	5.6
ZINGER (A05-306)	7.1	4.3	4.7	6.2	5.4	5.5	5.6
PST-K9-97	7.1	5.3	4.6	6.5	4.6	4.4	5.5
A05-329	7.1	4.4	4.2	5.4	5.5	6.0	5.4
PST-K9-90	6.9	5.5	4.0	4.2	5.2	6.0	5.3
BAR 12PP 612	7.0	4.7	4.6	5.9	5.8	3.1	5.2
3733	6.1	3.6	4.0	5.7	6.1	4.7	5.0
BLACKJACK	7.3	4.8	3.8	4.2	4.9	4.8	5.0
AKB 2555	6.7	4.0	3.8	4.9	5.1	5.0	4.9
PICK TD9	6.4	4.5	3.9	4.9	4.9	4.9	4.9
LSD VALUE	0.8	0.7	0.9	0.7	0.5	1.3	0.4
C.V. (%)	6.8	8.9	10.7	7.0	5.1	14.1	8.9

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN AT FIVE LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2012 DATA

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

NAME	IA1	IL1	IN1	MN1	WI1	MEAN
PICK 4340	5.9	5.1	7.2	6.7	6.0	6.2
SRX 4338	6.6	4.9	7.6	6.5	4.9	6.1
KEENELAND (A04-342)	6.0	5.2	7.5	6.1	5.4	6.0
BAR VV 0709	6.0	5.2	6.8	5.3	6.2	5.9
BLUE NOTE	5.3	5.0	7.2	6.0	5.5	5.8
LEGEND (A10-1)	6.3	5.7	6.4	5.6	5.0	5.8
H99-1653	6.0	5.0	7.0	5.3	5.8	5.8
BAR PP 110358	5.7	5.2	6.8	5.2	5.9	5.8
J-1770	5.3	5.0	7.3	6.1	5.1	5.7
PST-K4-7	6.0	5.5	6.8	5.5	4.9	5.7
RAD-849	5.8	4.7	7.0	5.5	5.5	5.7
J-1853	5.6	5.2	6.7	5.9	5.1	5.7
A06-46	5.3	5.5	7.3	5.5	4.8	5.7
PST-T10-18	5.4	5.1	6.8	5.3	5.7	5.7
A00-4199	5.6	5.6	6.7	4.7	5.7	5.7
SKYE	6.0	4.9	6.9	5.4	5.1	5.6
BAR PP 119326	6.7	5.0	6.8	4.2	5.5	5.6
MIDNIGHT	5.9	5.0	6.7	5.3	5.2	5.6
A04-38	6.0	4.8	6.6	5.0	5.8	5.6
PICK TD8	5.2	5.2	7.2	5.5	5.0	5.6
BAR VV 112916	5.4	4.8	6.6	5.5	5.7	5.6
BURL 06-11	5.2	4.8	6.9	5.8	5.2	5.6
A03-1017	5.2	5.0	7.2	5.9	4.6	5.6
A04-36	5.4	5.3	6.5	5.2	5.4	5.6
J-1136	5.7	4.9	6.6	6.1	4.6	5.6
A05-360	6.7	5.0	6.3	5.3	4.5	5.6
BAR 8PP 504	5.9	5.1	6.5	5.1	5.1	5.6
SRX 2758	5.6	5.4	7.0	5.9	3.9	5.5
PP 10847	5.7	4.7	6.4	5.4	5.6	5.5
A06-26	5.0	5.3	7.1	5.4	4.7	5.5
BAR VV 118532	6.1	5.1	6.8	4.4	5.1	5.5
A05-TB-382	5.1	5.5	7.2	4.4	5.3	5.5
SRX 466	5.3	5.1	6.9	5.3	4.8	5.5
ZINGER (A05-306)	5.7	4.8	6.3	5.1	5.6	5.5
PST-K10-106D	5.8	5.1	5.8	5.1	5.6	5.5
NU CHICAGO	5.5	4.8	6.7	5.9	4.5	5.5
PICK TD9	5.8	5.0	7.1	5.0	4.6	5.5
A05-315	5.2	5.1	6.5	4.9	5.6	5.5
SHAMROCK	6.2	5.3	6.1	4.4	5.3	5.5
PPH 9131	5.4	4.5	6.8	4.8	5.7	5.4
LTP-08-6	5.1	5.2	7.1	5.8	4.1	5.4
PICK 033	5.7	5.6	6.8	5.0	4.1	5.4
SUDDEN IMPACT	5.5	4.8	7.1	5.5	4.3	5.4
THERMAL BLUE	5.8	4.8	6.4	4.3	5.8	5.4

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN AT FIVE LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2012 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	IA1	IL1	IN1	MN1	WI1	MEAN
A98-344	6.3	5.3	6.1	4.8	4.4	5.4
AMERICA	6.0	4.8	6.7	4.6	4.8	5.4
BURL 3-51	5.1	5.1	6.8	5.3	4.6	5.4
RUSH	6.3	4.7	5.9	5.3	4.6	5.4
4S2W	5.0	4.9	6.3	6.2	4.5	5.4
PICK MP07	5.2	4.7	6.1	5.0	5.8	5.4
A00-2882	5.9	5.2	6.0	5.1	4.6	5.4
BARDUKE	5.6	5.0	6.4	4.5	5.3	5.3
SRX 5321	5.6	5.0	6.1	5.6	4.3	5.3
AVID	5.6	4.8	5.7	5.3	5.3	5.3
A98-363	5.4	5.0	6.7	4.4	5.1	5.3
BAR PP 119327	5.8	4.7	6.2	4.8	4.9	5.3
BARON	5.5	4.5	6.4	4.6	5.2	5.3
CABERNET	5.3	4.9	6.7	4.9	4.4	5.2
PST-K4-3	5.5	4.8	5.9	5.5	4.3	5.2
BLACKJACK	5.3	4.2	6.3	4.5	5.6	5.2
ARROWHEAD	6.0	4.8	5.8	4.8	4.5	5.2
PST-07-261	5.0	4.7	6.8	5.0	4.5	5.2
A05-361	5.5	5.0	6.3	4.9	4.2	5.2
A01-1106	5.3	5.5	5.8	4.8	4.2	5.1
AKB 2282	5.1	4.8	6.3	4.7	4.9	5.1
RAD-507	5.0	4.8	6.8	5.1	4.0	5.1
KENBLUE	5.6	4.2	5.9	3.7	6.3	5.1
EMPIRE	5.4	5.0	6.4	4.6	4.3	5.1
A05-204	4.8	5.3	6.1	5.1	4.3	5.1
PST-K9-99	5.6	4.9	5.5	4.7	4.9	5.1
PST-K9-90	5.2	4.5	5.7	5.4	4.7	5.1
DPPP 818	5.1	4.7	6.3	4.4	4.9	5.1
A04-74	5.3	5.0	6.1	4.7	4.1	5.0
RAD-1492	4.9	4.6	7.0	4.7	3.9	5.0
A05-999	5.2	4.6	5.6	4.3	4.9	4.9
A06-47	5.4	4.6	4.8	5.5	3.6	4.8
AWARD	5.5	4.1	6.1	3.9	4.1	4.7
BAR 12PP 612	4.8	5.0	5.6	4.8	3.6	4.7
PST-K9-97	4.8	4.0	4.3	5.2	3.8	4.4
A05-329	5.0	4.6	4.1	3.7	3.8	4.2
AKB 2555	4.9	4.2	4.3	3.0	4.4	4.2
3733	5.2	3.9	4.3	2.8	3.3	3.9
LSD VALUE	1.3	0.7	0.9	1.0	1.0	0.4
C.V. (%)	14.7	8.3	8.4	12.0	12.6	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.

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE UPPER WEST/MOUNTAIN REGION
2012 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN	
A01-1106	7.7	6.3	7.0	PP 10847	5.8	6.0	5.9	
BURL 3-51	7.3	6.3	6.8	RAD-507	5.9	5.8	5.9	
AKB 2282	6.9	6.7	6.8	PST-K9-90	6.2	5.6	5.9	
SUDDEN IMPACT	7.2	6.3	6.8	4S2W	6.4	5.3	5.9	
LEGEND (A10-1)	6.8	6.6	6.7	A05-204	6.2	5.5	5.9	
MIDNIGHT	6.8	6.4	6.6	A06-47	5.9	5.8	5.9	
PICK 4340	6.6	6.7	6.6	BAR PP 119327	5.9	5.8	5.8	
A00-2882	7.3	5.9	6.6	LTP-08-6	6.2	5.5	5.8	
NU CHICAGO	7.3	5.8	6.6	A04-38	6.1	5.6	5.8	
J-1136	6.9	6.3	6.6	A05-TB-382	5.3	6.3	5.8	
KEENELAND (A04-342)	6.7	6.3	6.5	DPPP 818	5.8	5.8	5.8	
PICK 033	6.8	6.2	6.5	PST-K9-99	5.9	5.7	5.8	
A98-344	7.6	5.4	6.5	PST-K4-3	6.1	5.3	5.7	
A05-360	6.9	6.0	6.5	BARON	5.5	5.9	5.7	
BLUE NOTE	6.9	6.0	6.5	A05-361	5.9	5.5	5.7	
A04-74	7.0	5.8	6.4	SRX 5321	6.1	5.3	5.7	
SRX 4338	6.7	6.1	6.4	A05-315	5.6	5.8	5.7	
PST-07-261	6.8	5.9	6.4	A05-329	6.5	4.8	5.7	
A06-46	7.2	5.5	6.4	BAR 8PP 504	6.0	5.3	5.7	
RAD-1492	6.7	6.0	6.4	A00-4199	5.6	5.6	5.6	
SRX 466	6.7	6.0	6.4	A04-36	5.8	5.3	5.6	
J-1853	7.0	5.7	6.3	BAR PP 110358	5.7	5.4	5.5	
PST-K4-7	6.6	6.1	6.3	AMERICA	5.7	5.3	5.5	
RUSH	6.7	5.9	6.3	H99-1653	5.9	5.1	5.5	
EMPIRE	6.7	5.9	6.3	BARDUKE	5.7	5.3	5.5	
RAD-849	6.3	6.2	6.3	PICK MP07	5.3	5.7	5.5	
A03-1017	6.6	5.9	6.2	SHAMROCK	5.7	5.3	5.5	
A98-363	6.4	5.9	6.2	ZINGER (A05-306)	5.2	5.7	5.4	
A06-26	6.2	6.0	6.1	AKB 2555	5.1	5.8	5.4	
BAR 12PP 612	5.8	6.3	6.1	PICK TD9	6.4	4.3	5.3	
SRX 2758	6.2	5.9	6.1	BAR PP 119326	5.6	4.9	5.3	
BURL 06-11	6.5	5.6	6.0	PST-T10-18	5.4	5.0	5.2	
PICK TD8	6.3	5.8	6.0	PPH 9131	4.9	5.3	5.1	
AVID	6.4	5.7	6.0	THERMAL BLUE	5.1	5.0	5.0	
BAR VV 112916	6.7	5.3	6.0	KENBLUE	5.3	4.5	4.9	
SKYE	6.6	5.4	6.0	PST-K9-97	3.6	6.1	4.8	
A05-999	6.7	5.3	6.0	CABERNET	4.6	5.0	4.8	
PST-K10-106D	5.9	6.1	6.0	AWARD	3.6	4.8	4.2	
J-1770	6.8	5.2	6.0	3733	2.8	4.3	3.6	
BAR VV 0709	6.3	5.6	6.0					
BLACKJACK	5.8	6.1	5.9	LSD VALUE	1.0	1.0	0.7	
ARROWHEAD	6.1	5.7	5.9	C.V. (%)	9.8	10.8	10.2	
BAR VV 118532	6.1	5.7	5.9					

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 11.

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

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

NAME	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	POWDERY MILDEW	MAR	APR	MAY	QUALITY RATINGS						MEAN
								JUN	JUL	AUG	SEP	OCT	NOV	
KEENELAND (A04-342)	3.7	79.3	71.0	8.3	6.0	5.7	6.7	6.7	8.0	8.3	7.3	8.0	7.3	7.1
A04-74	5.7	78.3	86.7	8.7	6.0	7.0	7.0	6.7	7.3	7.3	7.0	7.0	8.3	7.1
BAR 8PP 504	6.3	67.3	61.3	9.0	8.3	7.7	8.3	6.3	6.7	7.0	6.0	7.0	6.7	7.1
BURL 06-11	6.3	71.3	79.7	8.7	7.0	6.3	7.3	7.0	6.7	7.3	7.0	7.3	7.7	7.1
BURL 3-51	6.0	78.3	69.7	7.0	6.7	6.7	6.3	7.0	7.7	8.0	6.7	7.7	7.7	7.1
RAD-849	4.7	91.0	44.3	9.0	7.3	7.0	8.0	8.0	8.7	8.0	6.3	6.0	5.0	7.1
A05-999	3.0	78.0	60.0	9.0	7.0	5.7	7.0	6.0	8.0	8.0	6.3	7.3	7.7	7.0
BAR VV 112916	5.7	67.7	67.0	8.7	6.3	6.0	6.0	6.7	7.3	7.0	7.0	7.7	7.7	6.9
SRX 4338	4.7	67.3	62.7	8.7	6.7	6.3	7.7	6.7	6.3	6.7	6.0	7.0	7.0	6.7
KENBLUE	5.7	67.3	53.3	9.0	7.0	7.0	7.7	6.3	7.0	7.0	5.7	6.0	6.0	6.6
BAR VV 0709	5.3	52.7	49.3	9.0	8.0	6.7	7.7	5.7	6.3	6.0	5.7	6.0	6.7	6.5
A98-344	5.0	71.7	45.7	9.0	6.3	6.0	5.7	6.0	7.3	7.0	6.7	6.3	6.0	6.4
PPH 9131	6.0	60.3	43.7	9.0	7.0	6.3	6.3	5.7	6.7	6.3	5.7	6.7	6.7	6.4
A05-TB-382	4.3	73.7	50.3	9.0	6.0	6.0	6.0	7.0	7.3	6.7	6.3	6.0	5.3	6.3
PICK 033	4.3	57.3	34.3	9.0	6.3	7.0	7.0	5.7	7.0	6.0	6.0	6.0	6.0	6.3
PST-07-261	5.7	72.0	37.3	8.7	6.0	6.0	7.0	6.7	7.0	6.7	6.0	6.0	5.7	6.3
THERMAL BLUE	5.7	65.0	68.3	7.0	6.3	5.7	6.0	5.3	6.7	6.3	6.3	7.3	7.0	6.3
A06-47	4.7	64.0	31.7	8.7	6.3	6.7	7.7	5.7	6.7	6.0	5.3	5.0	5.3	6.1
AMERICA	7.0	52.3	31.3	8.3	8.0	7.0	8.0	5.0	6.0	5.7	5.0	5.0	5.0	6.1
A05-315	5.0	46.0	40.0	9.0	7.7	6.7	7.0	5.3	5.3	5.3	5.7	5.7	5.3	6.0
AVID	4.7	80.3	42.7	8.7	5.7	6.7	6.0	6.7	7.3	7.3	5.0	5.3	4.3	6.0
PST-K4-7	2.7	63.3	34.0	9.0	4.7	5.3	7.3	7.0	7.0	6.3	5.3	5.3	5.7	6.0
A00-2882	3.7	73.0	24.0	8.3	5.7	6.0	6.7	6.7	7.3	6.7	4.3	5.0	4.7	5.9
A05-204	4.3	60.0	32.3	9.0	6.3	6.3	7.0	5.3	6.7	6.0	4.7	5.3	5.7	5.9
PP 10847	5.0	72.0	28.7	9.0	5.7	6.0	7.0	5.7	7.0	6.0	5.0	5.0	5.3	5.9
BAR VV 118532	4.0	51.0	45.0	7.0	6.7	5.0	5.7	5.3	6.0	5.7	5.7	5.7	6.3	5.8
CABERNET	1.7	62.7	56.0	8.0	4.7	4.0	5.0	5.3	7.0	6.7	6.0	7.3	6.3	5.8
PST-K9-97	3.3	72.7	29.7	9.0	5.3	6.0	7.0	6.7	7.3	6.0	5.0	4.3	4.7	5.8
PST-K9-99	1.3	66.0	72.3	8.7	3.7	3.7	4.3	5.7	6.3	7.3	7.0	7.3	6.7	5.8
A06-46	5.0	64.0	27.3	8.7	7.0	7.3	7.3	5.7	6.0	5.7	3.7	4.0	4.3	5.7
AKB 2282	3.7	71.3	34.7	9.0	5.0	5.0	6.3	5.0	6.7	7.0	5.0	5.3	6.0	5.7
RAD-507	3.0	62.3	35.3	7.7	5.3	5.3	5.7	5.7	7.0	6.3	6.0	5.7	4.3	5.7
A04-36	5.7	40.7	32.3	8.3	7.0	7.0	6.0	5.0	5.3	5.0	5.0	4.7	5.3	5.6
PICK 4340	4.0	50.7	27.7	8.3	6.3	6.0	6.7	5.3	6.0	5.3	4.7	4.7	5.0	5.6
PST-T10-18	6.7	43.3	32.0	9.0	8.7	6.7	9.0	5.0	4.7	4.7	4.0	3.3	4.0	5.6
A01-1106	5.0	65.3	31.3	8.7	5.7	6.3	7.3	5.7	6.0	5.3	3.7	5.0	4.3	5.5
BAR PP 119327	4.7	48.7	35.0	8.7	6.7	7.7	7.0	5.0	5.3	5.3	4.3	4.3	4.0	5.5
PST-K10-106D	5.7	44.7	28.3	8.7	8.0	7.0	8.0	4.7	5.0	4.3	4.0	4.3	4.3	5.5
BARON	6.0	47.3	59.0	4.3	7.0	4.7	4.0	5.0	5.3	5.3	5.0	6.3	6.3	5.4
EMPIRE	4.0	53.3	36.0	8.0	5.7	5.7	5.3	5.7	5.7	5.3	4.7	5.0	4.7	5.3
PST-K4-3	5.3	54.7	15.0	9.0	6.7	6.3	8.0	6.0	6.0	4.7	3.7	3.3	3.3	5.3
SRX 5321	5.3	46.7	29.0	9.0	6.7	7.0	6.7	5.3	5.3	4.3	4.3	4.0	4.0	5.3
A98-363	4.3	53.7	18.0	9.0	5.7	5.7	6.0	6.0	6.0	4.7	4.0	4.0	5.0	5.2
LTP-08-6	4.3	51.3	18.7	9.0	6.0	6.0	7.0	6.0	6.0	5.0	4.0	3.7	3.0	5.2
4S2W	3.7	51.0	46.7	6.7	5.3	5.3	5.0	4.7	5.3	6.0	4.7	5.3	4.3	5.1

TABLE 11. (CONT'D)

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

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

NAME	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	POWDERY MILDEW	MAR	APR	MAY	JUN	QUALITY RATINGS					MEAN
									JUL	AUG	SEP	OCT	NOV	
A05-360	5.7	40.7	15.0	9.0	6.7	6.3	6.3	5.0	5.3	4.3	3.3	3.7	4.7	5.1
DPPP 818	6.0	45.7	53.3	4.0	6.3	5.0	4.3	4.3	4.7	5.0	5.0	5.3	5.7	5.1
H99-1653	6.7	36.7	25.3	9.0	8.7	8.3	9.0	4.3	4.0	3.0	2.7	3.0	3.3	5.1
PICK MP07	5.3	46.0	10.7	8.0	6.7	6.3	7.0	5.7	4.7	4.7	4.0	3.7	3.3	5.1
PICK TD8	4.0	46.3	27.3	9.0	5.0	6.0	7.3	5.0	4.7	4.7	4.3	4.0	5.0	5.1
BAR PP 110358	5.0	36.0	19.7	8.0	6.3	6.7	7.0	4.0	5.3	4.7	3.3	3.3	4.7	5.0
BAR PP 119326	2.3	25.7	24.0	4.3	5.7	4.7	4.3	4.0	5.0	4.7	4.7	5.3	5.3	4.9
SRX 2758	5.0	39.3	16.0	8.7	6.0	6.7	7.3	4.3	5.0	4.3	2.7	3.7	4.0	4.9
LEGEND (A10-1)	6.3	38.0	31.3	6.7	6.7	7.0	4.7	4.3	5.0	4.7	3.3	3.3	4.0	4.8
BLUE NOTE	4.0	54.7	29.3	8.3	5.7	6.0	6.3	5.3	5.7	3.7	3.3	3.7	3.7	4.8
PST-K9-90	3.3	50.7	16.3	9.0	5.0	5.3	6.7	5.7	5.3	4.7	3.7	3.3	3.3	4.8
A04-38	6.0	23.3	7.0	8.7	7.0	7.3	7.7	3.7	4.3	3.0	2.0	3.0	4.0	4.7
RAD-1492	3.0	39.7	17.3	8.0	5.7	5.3	6.7	5.0	5.3	4.0	3.0	3.0	4.3	4.7
ZINGER (A05-306)	6.7	38.7	19.0	8.0	6.7	6.7	6.0	4.3	5.0	3.7	3.3	3.3	2.7	4.6
BAR 12PP 612	6.3	26.7	6.7	9.0	6.7	7.7	8.0	4.0	4.0	2.3	2.0	3.0	2.7	4.5
NU CHICAGO	6.0	39.3	26.3	6.3	5.7	5.0	4.3	4.0	4.7	4.3	4.0	4.7	4.0	4.5
SHAMROCK	4.3	36.3	31.0	5.0	6.0	6.3	5.0	3.7	4.3	4.0	3.3	3.7	4.0	4.5
ARROWHEAD	4.0	36.0	13.0	7.7	5.3	5.3	5.3	4.0	4.3	4.0	4.0	3.3	4.0	4.4
SRX 466	6.0	29.0	15.7	8.0	6.7	6.0	6.0	4.0	3.7	3.7	3.3	3.0	3.3	4.4
3733	3.3	40.0	27.7	7.7	5.0	3.7	4.7	4.0	5.0	4.3	3.7	4.0	4.0	4.3
BARDUKE	5.0	34.7	33.0	4.0	7.0	5.7	4.3	3.3	3.3	3.7	3.7	3.7	3.7	4.3
SKYE	5.7	23.0	21.7	7.0	7.0	6.3	5.0	3.3	3.3	4.0	3.0	3.3	3.7	4.3
A03-1017	5.7	31.0	22.7	5.3	6.3	4.3	4.3	4.0	4.3	3.0	3.3	3.7	3.3	4.1
A06-26	4.3	21.0	3.0	9.0	5.7	7.7	6.3	4.3	3.3	3.3	1.7	2.0	2.7	4.1
AKB 2555	4.7	19.7	14.3	8.0	6.0	6.3	6.0	3.7	3.3	3.3	2.7	3.3	2.7	4.1
AWARD	2.7	36.0	31.7	3.3	5.0	3.0	4.0	3.7	4.0	4.0	3.3	4.7	4.3	4.0
J-1770	6.3	22.7	13.7	6.0	7.7	5.0	4.3	3.3	4.3	3.7	2.3	2.3	2.7	4.0
MIDNIGHT	5.0	34.0	29.0	3.3	5.7	4.7	3.7	3.3	4.0	4.0	3.3	3.7	4.0	4.0
PICK TD9	3.3	22.3	15.7	9.0	4.7	5.7	5.3	3.3	4.0	3.7	2.0	2.7	3.0	3.8
A05-329	3.3	37.3	9.3	6.3	5.0	4.7	4.0	4.0	5.0	3.7	2.3	2.3	2.3	3.7
J-1136	6.3	14.7	9.0	5.0	7.0	5.0	4.3	3.0	3.3	2.7	2.0	2.7	3.0	3.7
A05-361	5.0	27.0	17.3	8.3	6.0	5.3	5.7	3.0	4.0	3.7	1.7	2.0	1.3	3.6
BLACKJACK	3.0	7.7	10.7	9.0	5.3	5.3	5.3	2.3	2.7	3.0	2.7	2.3	3.0	3.6
RUSH	5.7	12.0	1.7	6.7	6.0	5.7	4.7	3.0	3.7	3.0	2.0	2.3	2.0	3.6
SUDDEN IMPACT	6.7	13.7	11.3	3.7	6.7	4.0	3.0	3.0	3.0	2.7	2.3	2.3	3.3	3.4
J-1853	5.0	10.7	4.7	3.0	6.3	4.0	3.0	2.3	3.0	3.3	2.7	2.3	2.3	3.3
A00-4199	5.3	6.0	11.0	4.0	6.7	4.7	3.7	2.3	1.7	1.7	1.7	2.0	2.7	3.0
LSD VALUE	1.4	51.4	44.5	1.4	1.6	1.4	1.9	2.4	3.1	3.3	3.2	3.4	3.3	2.0
C.V. (%)	18.2	51.1	69.9	12.0	14.8	14.5	19.0	26.5	29.8	34.2	39.4	39.5	37.0	21.2

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

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

TABLE 12. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 2/
 2012 DATA

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

TABLE 12.
(CONT'D)

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

NAME	PERCENT GREEN COVER IN NOVEMBER			% FULLNESS OF TURFGRASS CANOPY IN NOVEMBER		
	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES	NO TRAFFIC	CADY TRAFFIC 16 PASSES	RUTGERS TRAFFIC 16 PASSES
A06-26	74.3	51.0	36.7	53.3	35.0	23.3
AKB 2555	63.0	41.0	30.0	55.0	33.3	23.3
BAR PP 119327	57.3	44.0	31.0	71.7	36.7	23.3
PICK MP07	59.3	39.0	25.3	63.3	33.3	23.3
AVID	75.7	66.0	45.7	58.3	38.3	21.7
BLACKJACK	50.7	43.7	23.0	73.3	38.3	21.7
KENBLUE	61.7	47.7	28.0	75.0	38.3	21.7
PPH 9131	60.0	35.7	27.0	50.0	31.7	21.7
A05-360	67.3	43.0	34.7	60.0	36.7	20.0
LTP-08-6	65.7	50.3	36.7	48.3	31.7	20.0
A04-74	70.3	58.7	38.3	45.0	36.7	18.3
A05-361	77.3	57.3	38.0	81.3	41.7	18.3
A98-344	72.7	51.7	35.7	46.7	31.7	18.3
BAR 12PP 612	51.7	42.3	28.0	58.3	31.7	18.3
BURL 06-11	75.0	58.0	35.3	46.7	28.3	18.3
EMPIRE	72.3	58.3	36.3	38.3	30.0	16.7
PST-K4-7	51.7	32.3	26.7	41.7	25.0	16.7
A05-204	61.0	51.7	36.7	38.3	33.3	15.0
BAR PP 119326	51.7	29.3	25.0	51.7	26.7	15.0
RAD-1492	73.0	56.0	36.7	65.0	36.7	15.0
RAD-507	66.0	53.3	36.3	40.0	35.0	15.0
SRX 466	66.0	54.0	31.0	55.0	40.0	15.0
A01-1106	68.7	41.0	23.7	85.0	35.0	13.3
A98-363	72.3	53.7	34.7	50.0	30.0	13.3
3733	67.7	46.7	34.3	46.7	21.7	11.7
ARROWHEAD	65.3	49.0	29.3	50.0	36.7	11.7
PICK TD9	67.0	44.7	29.0	50.0	33.3	11.7
PST-K10-106D	50.3	44.0	23.0	75.0	33.3	11.7
A00-2882	59.7	40.3	26.0	63.3	36.7	10.0
A06-47	46.0	31.7	18.7	30.0	21.7	8.3
PST-K9-97	52.0	25.7	17.3	60.0	15.0	8.3
PST-07-261	63.3	37.0	19.0	58.3	31.7	6.7
A05-329	53.3	26.0	20.7	36.7	6.7	5.0
PST-K4-3	40.0	24.3	20.7	36.7	8.3	5.0
PST-K9-90	37.7	21.0	14.7	55.0	11.7	5.0
LSD VALUE	11.8	14.4	8.6	22.5	13.7	12.9
C.V. (%)	11.0	17.3	15.7	20.5	21.8	31.3

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

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

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2012 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
KENBLUE	1.7	3.3	2.7	4.7	5.7	6.7	6.0	4.4
THERMAL BLUE	2.7	4.7	2.7	4.3	5.3	5.7	5.3	4.4
BAR VV 0709	3.3	4.0	1.7	4.7	5.3	4.7	6.0	4.2
AMERICA	2.3	3.3	1.7	4.3	5.7	5.3	6.0	4.1
ZINGER (A05-306)	2.0	3.3	1.7	4.0	5.0	6.0	5.7	4.0
BARDUKE	2.0	2.7	3.0	4.7	6.3	4.0	5.7	4.0
BARON	1.3	2.7	3.0	5.0	5.3	4.3	5.3	3.9
PPH 9131	1.3	3.0	3.3	5.0	5.7	2.7	6.3	3.9
BAR VV 118532	2.0	3.3	1.3	4.3	5.3	4.0	6.3	3.8
PP 10847	2.3	3.3	3.3	3.3	5.0	3.7	5.3	3.8
SKYE	2.0	3.3	2.0	4.0	5.3	5.0	5.0	3.8
A05-360	2.0	2.7	2.7	4.7	5.7	2.7	5.7	3.7
RAD-507	1.7	3.3	1.3	3.7	5.0	5.7	5.0	3.7
A98-363	3.0	3.0	2.3	3.7	4.7	3.7	5.0	3.6
BAR PP 119326	1.7	3.7	2.0	3.7	4.7	4.3	5.3	3.6
BAR PP 119327	1.7	3.0	2.0	4.0	4.7	4.3	5.3	3.6
CABERNET	1.0	2.3	2.0	4.0	5.7	4.7	5.7	3.6
EMPIRE	2.3	2.7	2.0	4.0	4.7	4.7	5.0	3.6
PICK TD9	2.7	3.7	2.0	3.0	4.3	4.3	5.0	3.6
PST-K9-99	1.7	3.0	2.7	3.3	4.7	4.3	5.3	3.6
A04-36	2.3	3.0	1.7	2.7	4.3	5.3	5.0	3.5
DPPP 818	1.7	2.7	2.0	3.7	4.7	5.0	5.0	3.5
A05-204	1.7	3.0	2.0	3.3	4.7	3.7	5.7	3.4
A05-TB-382	1.3	1.7	1.7	4.3	5.0	4.0	5.7	3.4
BAR 12PP 612	2.3	2.3	1.3	4.0	5.0	3.3	5.3	3.4
BAR PP 110358	2.7	4.0	1.7	3.3	4.0	3.0	5.0	3.4
BLUE NOTE	2.0	3.3	2.0	3.7	4.7	3.3	4.7	3.4
PST-T10-18	2.7	4.3	1.3	3.3	4.0	4.0	4.3	3.4
4S2W	2.0	3.0	1.7	2.7	4.0	5.3	4.7	3.3
A00-4199	2.0	3.7	1.3	3.3	4.7	4.0	4.3	3.3
A03-1017	2.0	3.0	1.0	3.3	4.0	4.7	5.0	3.3
A05-361	2.0	2.7	2.3	2.7	4.0	5.3	4.0	3.3
A06-46	2.0	3.7	1.7	2.7	4.0	5.0	4.0	3.3
LEGEND (A10-1)	2.0	3.3	2.0	3.3	4.7	3.0	4.7	3.3
BAR VV 112916	2.7	3.7	1.0	2.3	4.0	5.3	4.3	3.3
PST-K10-106D	3.0	4.0	1.0	2.3	3.7	6.0	3.3	3.3
PST-K4-3	1.0	3.3	1.7	3.7	4.3	4.3	4.7	3.3
PST-K9-90	1.7	2.3	2.3	3.0	4.3	4.3	5.0	3.3
SRX 5321	1.7	3.3	1.7	3.3	4.7	4.3	4.3	3.3
A05-999	1.3	2.7	2.0	3.7	4.3	3.3	5.0	3.2
AVID	1.3	2.3	2.0	3.3	4.7	3.3	5.3	3.2
AWARD	1.0	1.3	2.0	3.3	5.0	4.3	5.7	3.2
BURL 3-51	2.3	2.7	1.7	2.3	3.3	5.7	4.3	3.2
J-1853	1.3	3.0	1.7	3.0	4.3	4.3	4.7	3.2
NU CHICAGO	1.3	3.0	1.3	2.7	4.3	4.7	5.3	3.2

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/
2012 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PICK MP07	1.3	2.7	1.3	3.3	4.7	3.3	5.7	3.2
SHAMROCK	1.7	3.7	1.3	2.7	3.7	5.3	4.0	3.2
SUDDEN IMPACT	1.7	3.0	1.7	3.3	4.3	3.7	4.7	3.2
3733	1.3	1.7	1.7	3.0	3.7	5.3	5.0	3.1
A01-1106	2.0	3.3	1.0	2.3	3.7	5.7	3.7	3.1
AKB 2555	1.0	2.7	1.3	3.3	4.3	5.0	4.3	3.1
BLACKJACK	1.7	3.3	1.3	3.3	4.3	3.3	4.3	3.1
MIDNIGHT	2.0	2.7	1.3	2.7	3.3	5.7	4.3	3.1
PST-07-261	2.0	2.7	1.3	3.3	4.7	4.0	4.0	3.1
RUSH	1.3	2.3	1.3	2.7	5.0	4.3	4.7	3.1
SRX 2758	1.7	2.3	1.3	3.3	4.7	3.3	5.3	3.1
SRX 4338	1.7	3.7	1.3	3.3	4.0	3.3	4.7	3.1
SRX 466	2.3	3.3	1.3	2.3	3.7	4.7	4.0	3.1
KEENELAND (A04-342)	1.7	2.7	1.3	3.3	4.3	2.7	4.7	3.0
A05-315	1.7	3.0	1.3	3.0	4.0	3.7	4.0	3.0
A06-47	1.3	2.7	1.3	3.0	4.0	5.3	3.7	3.0
AKB 2282	1.7	3.0	1.3	2.7	3.7	4.3	4.3	3.0
H99-1653	2.3	3.7	1.0	2.3	3.3	4.3	3.7	3.0
J-1770	2.3	3.0	1.0	2.7	3.7	4.7	4.0	3.0
LTP-08-6	1.7	2.7	1.3	2.7	3.7	4.7	4.3	3.0
PICK 033	1.7	2.7	1.0	3.3	4.7	3.0	5.0	3.0
PICK 4340	1.7	3.0	1.7	3.0	4.0	3.0	4.7	3.0
PICK TD8	2.0	2.7	1.3	2.3	3.7	4.3	4.3	3.0
A04-38	3.0	3.3	1.3	1.7	3.3	4.0	3.3	2.9
A05-329	2.3	2.3	2.0	2.7	3.7	2.7	4.3	2.9
A06-26	3.0	3.7	1.0	2.3	3.3	4.0	3.0	2.9
BAR 8PP 504	2.0	2.7	1.0	3.3	3.3	3.0	4.7	2.9
J-1136	1.7	3.0	1.0	2.3	3.7	4.7	4.0	2.9
PST-K9-97	1.3	2.3	1.3	2.7	4.0	4.0	4.7	2.9
A00-2882	1.3	3.0	1.0	2.3	4.0	3.3	4.3	2.8
A04-74	1.3	2.0	1.3	3.0	4.0	3.7	4.3	2.8
BURL 06-11	1.3	2.3	2.0	2.7	4.3	2.7	4.3	2.8
PST-K4-7	1.7	2.7	1.3	2.3	4.0	3.0	4.3	2.8
ARROWHEAD	1.3	2.7	1.0	2.7	3.7	3.3	4.3	2.7
RAD-1492	1.3	2.0	1.3	2.7	3.3	3.7	4.3	2.7
RAD-849	1.7	2.7	1.3	2.7	3.3	2.3	4.0	2.6
A98-344	2.0	2.7	1.0	1.7	3.3	3.7	3.3	2.5
LSD VALUE	1.9	1.3	2.3	2.9	2.3	1.9	2.6	1.2
C.V. (%)	39.2	22.7	49.7	33.1	21.9	24.5	21.4	16.1

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 14.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	IA1	IL1	KS1	MA1	NC1	NJ2	TN1	UT1	VA1	WI1	MEAN
A98-344	9.0	6.7	8.7	7.0	8.0	7.3	8.3	7.3	8.7	7.0	7.8
SUDDEN IMPACT	7.3	6.3	8.7	7.0	8.0	7.3	8.3	7.7	8.0	9.0	7.8
RUSH	7.7	6.7	8.7	7.0	8.0	8.0	6.3	7.7	7.7	8.7	7.6
A04-74	7.0	6.3	8.7	7.3	8.0	8.0	7.7	7.7	7.7	7.7	7.6
LTP-08-6	8.0	6.3	8.3	7.0	7.7	8.3	8.7	7.7	7.0	6.7	7.6
AKB 2282	8.3	6.0	8.7	7.0	8.0	7.3	7.0	9.0	5.3	8.7	7.5
RAD-1492	6.3	7.7	8.3	7.7	8.0	7.3	8.7	8.3	6.3	6.7	7.5
BURL 3-51	7.7	6.3	8.3	6.7	7.7	6.7	8.7	7.0	8.0	8.3	7.5
A05-204	7.3	7.0	8.0	6.0	7.7	7.3	8.0	8.3	8.0	7.3	7.5
PST-07-261	7.0	6.3	8.3	7.0	8.0	7.3	7.7	7.7	7.7	8.0	7.5
J-1853	7.3	6.0	8.3	6.7	8.0	6.0	8.7	8.0	7.7	8.0	7.5
AWARD	7.3	6.0	8.3	7.0	7.7	7.3	9.0	6.0	8.3	7.0	7.4
LEGEND (A10-1)	7.3	6.7	8.0	6.0	7.3	8.0	8.0	7.7	6.7	7.7	7.3
A03-1017	7.7	6.3	7.7	7.0	7.3	7.0	8.7	7.7	7.3	6.7	7.3
MIDNIGHT	7.0	6.0	8.3	7.0	8.0	7.0	7.7	7.3	7.7	7.3	7.3
A00-2882	7.7	6.3	8.7	7.3	8.0	7.3	7.3	7.7	6.0	6.7	7.3
J-1136	7.3	5.7	8.3	6.3	8.0	7.0	8.3	7.0	7.3	7.3	7.3
NU CHICAGO	7.0	6.3	9.0	7.0	8.0	6.7	8.3	6.0	7.3	7.0	7.3
PICK 033	7.0	5.7	7.7	6.0	7.3	8.0	9.0	6.7	6.3	8.7	7.2
KEENELAND (A04-342)	7.7	6.0	8.0	5.0	8.0	8.7	8.7	7.0	6.7	6.3	7.2
J-1770	7.0	6.0	8.7	7.0	8.0	6.3	9.0	6.3	7.3	6.0	7.2
A01-1106	7.3	6.3	7.7	6.7	7.7	6.3	7.7	7.0	7.0	7.7	7.1
EMPIRE	7.7	6.0	8.0	6.7	7.7	7.7	7.7	6.3	6.7	7.0	7.1
A05-329	7.3	6.3	9.0	6.3	7.0	5.7	6.7	7.7	6.7	8.0	7.1
SRX 2758	7.0	6.3	9.0	6.7	7.7	5.3	8.0	5.7	7.0	8.0	7.1
AVID	7.0	5.7	8.7	7.0	6.7	7.0	7.3	6.7	7.3	7.0	7.0
SRX 466	6.0	6.0	8.7	6.3	8.0	6.3	8.0	6.0	8.3	6.7	7.0
PICK 4340	7.3	6.0	8.0	5.3	7.7	9.0	7.3	7.0	6.0	6.7	7.0
SRX 4338	7.0	5.0	8.3	5.7	7.3	9.0	7.7	8.0	6.0	5.7	7.0
A06-46	6.0	5.3	7.3	6.0	7.0	8.3	7.7	7.7	6.3	8.0	7.0
PICK TD8	7.0	6.0	7.7	6.0	7.3	7.7	7.0	7.0	6.7	6.7	6.9
PST-K9-97	7.0	6.0	8.3	8.0	7.7	4.7	4.3	7.3	8.0	7.7	6.9
A05-361	6.7	6.7	8.3	5.7	7.3	7.3	7.3	6.0	7.0	6.0	6.8
ARROWHEAD	6.7	6.0	8.0	6.0	8.0	6.3	6.3	7.0	7.0	7.0	6.8
3733	7.3	5.7	8.3	6.3	6.7	5.3	7.0	6.3	8.0	7.0	6.8
A05-360	6.3	5.0	7.3	6.3	7.3	6.3	8.0	6.3	7.0	7.3	6.7
A05-TB-382	6.3	6.0	8.3	6.0	7.7	6.0	8.0	6.3	5.7	6.7	6.7
A98-363	5.7	5.7	7.7	6.0	7.0	6.7	8.0	6.0	7.3	6.7	6.7
A06-26	7.0	6.3	7.7	5.3	7.3	7.0	7.3	6.7	6.0	5.7	6.6
PST-K4-7	6.7	5.7	8.3	6.0	7.3	5.0	6.7	6.7	7.0	7.0	6.6
SKYE	7.0	5.7	7.7	5.7	6.3	7.3	8.3	5.7	5.7	6.7	6.6
CABERNET	6.7	5.3	7.7	6.0	6.7	6.7	8.0	6.0	6.0	6.7	6.6
RAD-507	6.7	6.0	8.0	6.0	7.0	5.0	6.7	7.7	5.0	7.7	6.6
BURL 06-11	6.3	5.3	8.3	5.7	6.7	7.0	8.0	5.3	5.3	7.3	6.5
PST-K10-106D	7.7	5.3	8.3	6.7	6.7	4.0	7.3	5.7	7.3	6.3	6.5
PST-K9-90	8.0	5.7	8.0	7.0	7.7	3.7	5.7	7.0	6.3	6.3	6.5

TABLE 14. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	IA1	IL1	KS1	MA1	NC1	NJ2	TN1	UT1	VA1	WI1	MEAN
AKB 2555	7.3	5.7	8.3	6.7	7.0	4.3	4.7	7.3	6.0	7.0	6.4
4S2W	6.3	5.7	7.3	5.0	7.3	6.7	7.3	6.0	6.3	6.3	6.4
BAR 12PP 612	7.0	5.3	7.7	6.0	6.7	5.3	6.7	6.0	5.7	8.0	6.4
PICK TD9	6.7	5.3	7.7	6.0	7.0	6.3	4.7	6.7	7.0	6.3	6.4
RAD-849	6.0	4.7	8.0	6.7	6.7	6.3	5.0	6.3	7.0	7.0	6.4
BLUE NOTE	6.7	5.0	6.3	5.0	7.0	7.0	7.3	7.0	5.0	7.0	6.3
PST-K4-3	6.0	5.7	8.3	6.3	6.7	4.3	6.3	5.3	8.0	6.0	6.3
AMERICA	6.0	5.0	7.3	5.7	6.3	7.0	7.7	6.0	5.3	6.3	6.3
A06-47	6.0	5.7	8.7	5.0	7.0	3.7	7.3	6.3	6.3	5.7	6.2
A05-315	6.0	5.7	7.3	5.3	6.0	6.0	7.0	5.7	6.0	6.7	6.2
BAR 8PP 504	6.7	4.0	8.0	5.7	6.0	5.3	7.3	6.0	6.3	6.0	6.1
PST-T10-18	6.7	5.7	7.0	5.3	6.3	7.0	7.7	4.3	5.3	6.0	6.1
SHAMROCK	6.3	5.3	7.3	5.7	7.0	4.7	7.0	5.0	6.3	6.3	6.1
A05-999	6.3	5.7	7.7	6.7	6.0	4.7	5.0	6.0	6.0	7.0	6.1
BARON	6.7	5.0	7.3	5.7	6.7	3.7	6.7	6.3	5.7	7.0	6.1
DPPP 818	7.0	5.3	7.0	6.0	6.0	4.7	7.3	4.7	5.7	7.0	6.1
A04-38	6.3	5.3	7.3	5.0	6.3	6.0	7.0	5.7	4.3	7.0	6.0
BLACKJACK	6.0	6.0	7.0	6.3	7.7	4.0	4.3	6.0	5.7	7.3	6.0
A00-4199	6.7	5.7	6.7	5.7	5.7	6.3	7.0	5.0	4.3	7.0	6.0
H99-1653	5.3	4.0	7.7	6.3	6.0	6.0	8.0	5.0	5.3	5.3	5.9
BAR VV 112916	6.7	4.7	8.0	6.0	5.3	4.0	7.3	4.3	6.0	6.3	5.9
BAR PP 119327	6.7	4.7	7.0	5.3	5.7	3.3	6.3	5.7	6.7	7.3	5.9
BAR VV 118532	6.0	4.7	7.0	5.3	6.3	4.7	7.7	4.7	6.3	5.7	5.8
SRX 5321	6.3	5.7	6.3	5.0	6.7	5.3	6.7	6.3	3.7	6.0	5.8
BARDUKE	6.7	5.3	6.7	5.0	6.0	4.3	7.0	5.3	5.0	6.3	5.8
BAR PP 110358	5.7	4.7	7.3	6.0	6.0	4.7	7.0	4.7	5.0	6.7	5.8
A04-36	5.7	5.3	8.0	5.0	6.0	6.3	6.3	4.7	4.0	6.0	5.7
PST-K9-99	6.3	4.3	7.3	5.7	5.7	4.0	5.7	6.3	5.3	6.0	5.7
ZINGER (A05-306)	5.7	5.3	7.7	5.7	6.3	5.3	5.3	4.7	4.3	6.0	5.6
KENBLUE	7.0	4.0	6.0	5.0	4.7	4.0	6.7	6.0	5.0	7.3	5.6
BAR PP 119326	6.0	5.7	6.0	5.0	5.3	5.3	7.3	3.7	5.7	5.7	5.6
BAR VV 0709	6.3	4.0	7.3	5.0	4.0	3.7	7.7	4.0	6.0	6.7	5.5
THERMAL BLUE	5.7	5.0	6.7	5.0	5.0	4.7	6.7	4.0	6.3	5.7	5.5
PPH 9131	6.0	5.7	6.3	5.3	5.7	3.7	7.0	4.0	5.3	5.3	5.4
PP 10847	5.3	4.0	7.3	5.3	5.7	4.7	7.3	4.7	4.3	5.0	5.4
PICK MP07	6.3	4.3	7.0	5.0	5.0	3.3	5.7	3.7	4.7	5.0	5.0
LSD VALUE	1.3	1.2	1.0	0.7	0.9	1.7	1.2	1.3	1.4	1.9	0.4
C.V. (%)	12.3	12.8	8.0	7.3	8.0	17.9	10.2	12.9	14.0	16.9	12.3

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

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

TABLE 15. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	NC1	UT1	VA1	WI1	MEAN
A06-47	8.3	7.3	7.0	6.7	7.3
A00-2882	7.7	7.0	7.7	5.3	6.9
A05-999	8.3	7.7	7.0	3.3	6.6
A01-1106	6.7	7.3	7.0	5.0	6.5
KENBLUE	8.7	7.7	8.3	1.3	6.5
4S2W	8.0	7.3	7.0	3.0	6.3
BAR VV 112916	8.0	8.0	7.7	1.3	6.3
PICK 4340	8.0	7.3	6.7	3.0	6.3
SRX 5321	7.3	7.0	7.7	3.0	6.3
LTP-08-6	8.0	6.3	6.7	3.7	6.2
RAD-1492	8.0	8.0	7.0	1.7	6.2
BAR VV 0709	8.0	8.0	7.3	1.0	6.1
A05-360	7.3	7.3	6.3	3.0	6.0
A06-26	7.7	6.7	5.7	4.0	6.0
KEENELAND (A04-342)	8.0	7.3	7.0	1.7	6.0
PST-K4-3	7.0	6.3	5.7	5.0	6.0
SHAMROCK	7.7	6.0	5.3	5.0	6.0
PST-T10-18	8.0	7.0	7.7	1.0	5.9
SRX 4338	8.0	8.0	6.7	1.0	5.9
ARROWHEAD	8.0	6.3	6.3	3.0	5.9
BAR 12PP 612	7.0	6.3	5.0	5.3	5.9
H99-1653	8.0	7.7	6.7	1.0	5.8
PST-K9-97	7.3	6.7	5.7	3.7	5.8
A00-4199	8.3	6.7	6.3	2.0	5.8
BLUE NOTE	8.0	8.0	6.3	1.0	5.8
RUSH	7.3	6.0	6.3	3.7	5.8
CABERNET	7.7	6.0	5.7	3.7	5.8
PICK 033	8.0	6.7	5.7	2.7	5.8
PICK MP07	8.0	7.0	7.0	1.0	5.8
A04-36	7.7	6.7	6.7	1.7	5.7
A05-315	7.7	6.7	7.0	1.3	5.7
A06-46	7.7	7.0	7.0	1.0	5.7
ZINGER (A05-306)	8.0	6.7	7.0	1.0	5.7
NU CHICAGO	7.3	6.3	6.0	3.0	5.7
PICK TD9	7.3	6.7	6.7	1.7	5.6
PP 10847	8.0	7.0	5.7	1.7	5.6
PST-K4-7	7.7	6.7	6.0	2.0	5.6
SRX 2758	7.3	6.7	6.7	1.7	5.6
A04-38	7.7	7.0	5.3	2.3	5.6
BAR PP 110358	8.0	7.0	6.3	1.0	5.6
BAR PP 119326	7.0	6.3	6.7	2.3	5.6
SRX 466	7.0	6.7	5.3	3.3	5.6
RAD-507	7.3	6.7	5.7	2.3	5.5
RAD-849	8.0	6.7	6.3	1.0	5.5
SKYE	7.7	6.7	5.7	2.0	5.5
A05-329	6.3	5.0	4.3	6.3	5.5

TABLE 15. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA

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

NAME	NC1	UT1	VA1	WI1	MEAN
AKB 2282	7.3	6.7	6.0	1.7	5.4
AMERICA	7.0	6.3	6.7	1.7	5.4
J-1136	7.0	6.7	6.0	2.0	5.4
PST-07-261	7.0	7.0	6.0	1.7	5.4
BLACKJACK	6.3	7.0	7.0	1.3	5.4
BAR 8PP 504	7.0	6.0	7.0	1.3	5.3
BAR VV 118532	7.7	7.0	5.3	1.3	5.3
EMPIRE	6.7	5.7	3.7	5.3	5.3
PST-K10-106D	7.3	6.3	5.3	2.3	5.3
PST-K9-99	7.3	5.0	4.3	4.7	5.3
THERMAL BLUE	7.3	6.3	6.3	1.3	5.3
A04-74	7.0	5.7	5.0	3.3	5.3
BAR PP 119327	6.7	5.7	5.3	3.3	5.3
BARON	7.3	6.7	5.7	1.3	5.3
J-1770	8.0	6.0	5.7	1.3	5.3
J-1853	7.7	6.7	4.7	2.0	5.3
BARDUKE	7.0	6.3	6.3	1.3	5.3
PPH 9131	7.3	6.0	6.3	1.3	5.3
A98-344	7.0	5.7	5.7	2.3	5.2
DPPP 818	6.3	6.7	6.0	1.7	5.2
MIDNIGHT	7.0	6.7	4.7	2.3	5.2
PST-K9-90	6.7	6.7	5.7	1.7	5.2
SUDDEN IMPACT	7.3	6.3	5.7	1.3	5.2
A05-361	7.0	6.0	6.3	1.0	5.1
BURL 06-11	7.3	6.3	5.7	1.0	5.1
A03-1017	7.3	6.7	4.7	1.3	5.0
A98-363	7.0	6.3	5.3	1.3	5.0
LEGEND (A10-1)	7.0	5.3	5.7	1.7	4.9
PICK TD8	7.3	6.7	4.7	1.0	4.9
A05-TB-382	7.0	6.3	5.0	1.3	4.9
AWARD	7.0	6.0	4.7	1.7	4.8
AKB 2555	6.3	6.0	5.7	1.3	4.8
BURL 3-51	7.3	5.7	5.0	1.0	4.8
A05-204	6.7	5.0	5.0	1.7	4.6
3733	6.0	4.7	4.7	2.3	4.4
AVID	7.0	5.3	4.0	1.3	4.4
LSD VALUE	0.8	0.9	1.7	2.2	0.7
C.V. (%)	6.6	8.6	17.2	59.2	16.7

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 16. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	MD1	NC1	NJ1	OK1	WA1	MEAN
H99-1653	7.0	5.7	9.0	9.0	7.7	7.7
BAR VV 0709	5.7	5.0	9.0	8.0	7.3	7.0
A00-4199	6.3	5.3	6.7	8.0	7.7	6.8
A01-1106	7.0	4.7	6.3	8.0	7.0	6.6
BAR PP 110358	5.0	5.7	7.3	7.3	7.0	6.5
A06-26	6.7	5.0	4.7	8.0	7.3	6.3
ZINGER (A05-306)	5.3	5.0	6.7	8.0	6.7	6.3
SRX 466	6.3	6.0	4.3	7.7	7.3	6.3
A05-360	6.0	5.0	5.3	8.0	7.0	6.3
BAR 8PP 504	4.7	4.3	6.7	8.3	7.3	6.3
SRX 2758	6.3	5.0	4.3	7.7	7.7	6.2
J-1853	5.7	6.3	5.0	6.7	7.0	6.1
PST-K10-106D	4.7	5.3	7.3	6.7	6.7	6.1
BLUE NOTE	5.0	5.3	5.3	7.3	7.3	6.1
BLACKJACK	5.3	3.7	7.0	7.3	6.7	6.0
LEGEND (A10-1)	5.3	5.7	4.7	7.0	7.3	6.0
PP 10847	5.7	5.3	6.0	6.7	6.3	6.0
RAD-849	5.3	4.0	6.7	7.0	7.0	6.0
A04-38	5.3	4.7	6.3	7.0	6.3	5.9
BAR VV 112916	4.0	4.7	6.7	6.7	7.3	5.9
J-1136	6.0	5.7	3.7	6.7	7.3	5.9
PICK 4340	6.0	5.7	4.3	6.3	7.0	5.9
THERMAL BLUE	4.0	4.7	6.7	6.7	7.0	5.8
PICK TD8	5.3	5.0	5.3	7.3	6.0	5.8
BAR VV 118532	4.3	5.7	6.7	5.7	6.3	5.7
AMERICA	5.0	5.0	4.3	7.3	7.0	5.7
DPPP 818	6.3	4.7	4.3	6.0	7.3	5.7
J-1770	5.0	6.0	4.3	6.3	6.7	5.7
A05-315	4.3	3.7	6.3	7.0	6.7	5.6
A05-361	4.0	4.7	4.7	7.3	7.3	5.6
A06-46	5.0	4.7	6.0	5.3	7.0	5.6
PST-T10-18	4.0	4.7	7.7	5.3	6.3	5.6
A04-36	5.7	4.3	5.7	6.3	5.7	5.5
MIDNIGHT	6.0	4.7	3.3	7.0	6.7	5.5
SHAMROCK	5.0	4.7	5.7	5.3	7.0	5.5
A03-1017	5.0	5.0	4.7	6.7	6.0	5.5
A98-363	4.7	5.0	4.0	6.3	7.3	5.5
KEENELAND (A04-342)	4.3	5.7	3.3	7.0	7.0	5.5
NU CHICAGO	5.0	5.0	5.0	5.7	6.7	5.5
RUSH	4.7	5.0	4.7	6.3	6.3	5.4
A98-344	4.7	4.3	4.0	6.7	7.0	5.3
ARROWHEAD	5.3	4.0	5.0	5.3	6.7	5.3
PST-K4-3	5.0	5.0	5.0	6.3	5.0	5.3
SKYE	3.7	4.7	6.3	5.3	6.3	5.3
LTP-08-6	6.0	4.3	3.3	5.7	6.7	5.2
BURL 06-11	5.3	4.7	2.7	6.0	7.3	5.2

TABLE 16. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA

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

NAME	MD1	NC1	NJ1	OK1	WA1	MEAN
A04-74	5.0	4.0	3.3	6.7	6.7	5.1
BAR PP 119326	3.7	4.0	6.0	5.3	6.7	5.1
KENBLUE	3.7	3.0	7.3	5.0	6.7	5.1
SRX 4338	5.0	4.0	4.7	5.0	6.7	5.1
SUDDEN IMPACT	5.0	4.0	4.3	5.7	6.3	5.1
A05-204	5.0	5.0	4.0	5.7	5.3	5.0
PICK 033	3.7	4.3	4.3	5.7	7.0	5.0
PST-07-261	4.3	3.7	5.0	5.7	6.3	5.0
A00-2882	4.3	4.3	5.0	5.0	6.3	5.0
BAR 12PP 612	4.3	4.0	4.3	6.3	6.0	5.0
BARON	4.3	4.0	3.7	6.0	6.3	4.9
A05-TB-382	3.3	3.3	5.7	5.3	6.3	4.8
BURL 3-51	4.7	3.3	3.0	6.3	6.7	4.8
PPH 9131	3.3	5.0	4.3	5.0	6.3	4.8
BAR PP 119327	4.7	3.7	3.7	4.7	7.0	4.7
BARDUKE	4.3	4.0	3.7	5.7	6.0	4.7
PICK TD9	3.3	3.0	6.3	4.3	6.0	4.6
AKB 2282	3.7	4.0	3.3	5.7	5.3	4.4
A06-47	4.0	3.3	3.3	5.0	6.0	4.3
PST-K4-7	2.7	3.3	4.7	5.0	6.0	4.3
EMPIRE	4.3	3.0	3.0	5.0	6.3	4.3
PICK MP07	2.0	3.7	3.7	6.0	6.3	4.3
PST-K9-99	2.3	4.0	3.7	4.7	6.7	4.3
RAD-1492	3.7	3.3	4.3	4.3	5.7	4.3
SRX 5321	4.0	3.0	4.0	4.3	6.0	4.3
AVID	3.7	3.7	3.3	5.0	5.3	4.2
RAD-507	3.7	3.7	4.3	3.7	5.3	4.1
A05-999	2.3	2.3	7.0	2.7	5.3	3.9
PST-K9-97	3.0	3.3	4.0	3.7	5.7	3.9
PST-K9-90	3.0	3.3	3.7	4.0	4.7	3.7
A05-329	1.7	3.7	3.3	4.7	4.7	3.6
4S2W	1.7	3.0	3.7	3.0	4.7	3.2
3733	2.0	3.3	1.7	3.0	5.3	3.1
AKB 2555	2.7	2.3	3.3	2.7	4.3	3.1
CABERNET	1.0	2.0	4.0	1.7	4.7	2.7
AWARD	1.0	1.3	1.3	1.0	2.0	1.3
LSD VALUE	1.5	1.9	1.4	1.7	1.4	0.7
C.V. (%)	20.5	27.0	18.4	17.7	13.3	18.9

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

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

TABLE 17.

 SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 2012 DATA

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

NAME	MA1	NC1	MEAN	NAME	MA1	NC1	MEAN
PP 10847	7.0	8.7	7.8	SRX 466	5.3	7.3	6.3
BAR VV 0709	7.3	8.0	7.7	SRX 5321	5.3	7.3	6.3
4S2W	7.0	8.0	7.5	BAR 8PP 504	4.7	7.7	6.2
PST-T10-18	6.7	8.3	7.5	J-1853	5.7	6.7	6.2
H99-1653	6.0	8.3	7.2	PST-K4-7	5.7	6.7	6.2
A05-360	5.7	8.3	7.0	ZINGER (A05-306)	4.7	7.7	6.2
A06-46	6.0	8.0	7.0	A03-1017	6.0	6.3	6.2
PICK 033	6.0	8.0	7.0	A98-363	5.3	7.0	6.2
A00-4199	6.0	7.7	6.8	AKB 2282	5.0	7.3	6.2
A06-47	5.7	8.0	6.8	CABERNET	5.0	7.3	6.2
PICK TD8	5.7	8.0	6.8	KENBLUE	5.0	7.3	6.2
SRX 4338	6.0	7.7	6.8	A00-2882	4.7	7.3	6.0
J-1770	6.3	7.3	6.8	A04-38	4.3	7.7	6.0
A06-26	5.7	7.7	6.7	A04-74	5.3	6.7	6.0
PICK MP07	5.7	7.7	6.7	AMERICA	5.3	6.7	6.0
SKYE	5.7	7.7	6.7	BAR VV 112916	5.0	7.0	6.0
KEENELAND (A04-342)	5.3	8.0	6.7	BURL 06-11	4.3	7.7	6.0
RAD-1492	6.3	7.0	6.7	PST-K9-99	4.3	7.7	6.0
SRX 2758	6.0	7.3	6.7	A01-1106	4.7	7.0	5.8
THERMAL BLUE	6.3	7.0	6.7	BAR PP 119327	5.0	6.7	5.8
A05-361	5.0	8.0	6.5	EMPIRE	5.0	6.7	5.8
A05-TB-382	5.3	7.7	6.5	PST-07-261	4.7	7.0	5.8
BAR PP 119326	5.7	7.3	6.5	RAD-849	5.0	6.7	5.8
BARON	6.0	7.0	6.5	AWARD	5.3	6.3	5.8
BLUE NOTE	6.0	7.0	6.5	AVID	4.7	6.7	5.7
J-1136	6.3	6.7	6.5	PST-K4-3	6.0	5.3	5.7
MIDNIGHT	6.0	7.0	6.5	RAD-507	4.0	7.3	5.7
NU CHICAGO	6.3	6.7	6.5	A05-204	4.3	6.7	5.5
PICK 4340	5.0	8.0	6.5	A98-344	4.3	6.7	5.5
SUDDEN IMPACT	6.0	7.0	6.5	ARROWHEAD	4.7	6.3	5.5
A04-36	5.0	7.7	6.3	BAR 12PP 612	4.0	7.0	5.5
A05-315	5.0	7.7	6.3	BAR VV 118532	4.7	6.3	5.5
A05-999	5.7	7.0	6.3	SHAMROCK	3.7	7.3	5.5
BAR PP 110358	5.0	7.7	6.3	BURL 3-51	5.0	5.7	5.3
LEGEND (A10-1)	5.7	7.0	6.3	BLACKJACK	3.3	7.0	5.2
PST-K10-106D	4.7	8.0	6.3	A05-329	3.3	6.7	5.0
PST-K9-90	5.7	7.0	6.3	PICK TD9	3.3	6.7	5.0
PST-K9-97	6.0	6.7	6.3	AKB 2555	4.0	5.7	4.8
RUSH	5.0	7.7	6.3	3733	3.7	5.3	4.5
BARDUKE	6.3	6.3	6.3				
DPPP 818	5.3	7.3	6.3	LSD VALUE	0.9	1.6	0.9
LTP-08-6	5.3	7.3	6.3	C.V. (%)	10.8	14.0	13.1
PPH 9131	5.3	7.3	6.3				

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

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

TABLE 18. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	NC1	NAME	NC1
BAR VV 0709	8.0	PST-K9-99	6.7
BAR VV 112916	8.0	SRX 466	6.7
4S2W	7.7	SRX 5321	6.7
A04-38	7.7	SUDDEN IMPACT	6.7
A06-47	7.7	A06-26	6.3
AKB 2282	7.7	A98-363	6.3
BAR PP 110358	7.7	AWARD	6.3
BLUE NOTE	7.7	BAR PP 119327	6.3
H99-1653	7.7	PPH 9131	6.3
PICK 4340	7.7	PST-K4-7	6.3
A04-36	7.3	RAD-1492	6.3
A05-315	7.3	RAD-507	6.3
A06-46	7.3	RUSH	6.3
BAR 8PP 504	7.3	SRX 4338	6.3
J-1770	7.3	THERMAL BLUE	6.3
KEENELAND (A04-342)	7.3	A04-74	6.0
PICK 033	7.3	A98-344	6.0
PICK MP07	7.3	LEGEND (A10-1)	6.0
PST-K9-97	7.3	MIDNIGHT	6.0
PST-T10-18	7.3	NU CHICAGO	6.0
SHAMROCK	7.3	PST-07-261	6.0
A00-2882	7.0	PST-K4-3	6.0
A05-360	7.0	PST-K9-90	6.0
A05-361	7.0	A03-1017	5.7
A05-999	7.0	A05-204	5.7
ARROWHEAD	7.0	BAR VV 118532	5.7
BURL 06-11	7.0	BARDUKE	5.7
LTP-08-6	7.0	DPPP 818	5.7
PICK TD8	7.0	EMPIRE	5.7
PP 10847	7.0	J-1853	5.7
RAD-849	7.0	AMERICA	5.3
SKYE	7.0	AVID	5.3
SRX 2758	7.0	BAR 12PP 612	5.3
ZINGER (A05-306)	7.0	BURL 3-51	5.3
A00-4199	6.7	PICK TD9	5.3
A01-1106	6.7	A05-329	4.7
A05-TB-382	6.7	AKB 2555	4.7
BAR PP 119326	6.7	BLACKJACK	4.7
BARON	6.7	3733	4.3
CABERNET	6.7		
J-1136	6.7	LSD VALUE	1.2
KENBLUE	6.7	C.V. (%)	11.2
PST-K10-106D	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 19. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	NC1	NAME	NC1
BAR VV 0709	8.3	A04-74	6.0
AWARD	8.0	A05-360	6.0
KEENELAND (A04-342)	8.0	A05-361	6.0
4S2W	7.7	A98-344	6.0
H99-1653	7.7	AMERICA	6.0
J-1770	7.7	AVID	6.0
PICK 4340	7.7	BAR PP 119326	6.0
A04-36	7.3	BAR PP 119327	6.0
A06-46	7.3	BAR VV 118532	6.0
AKB 2282	7.3	PICK 033	6.0
BAR 8PP 504	7.3	PICK TD8	6.0
BAR VV 112916	7.3	PST-07-261	6.0
MIDNIGHT	7.3	PST-K4-3	6.0
PST-K9-99	7.3	PST-K4-7	6.0
A04-38	7.0	PST-T10-18	6.0
BAR PP 110358	7.0	A05-315	5.7
J-1136	7.0	A06-26	5.7
NU CHICAGO	7.0	A98-363	5.7
PP 10847	7.0	BURL 3-51	5.7
SKYE	7.0	PST-K10-106D	5.7
SRX 4338	7.0	A05-TB-382	5.3
SRX 466	7.0	BARDUKE	5.3
A00-4199	6.7	DPPP 818	5.3
A05-999	6.7	RAD-1492	5.3
ARROWHEAD	6.7	SRX 5321	5.3
BLUE NOTE	6.7	THERMAL BLUE	5.3
J-1853	6.7	ZINGER (A05-306)	5.3
KENBLUE	6.7	EMPIRE	5.0
PST-K9-97	6.7	LEGEND (A10-1)	5.0
RAD-849	6.7	PST-K9-90	5.0
RUSH	6.7	RAD-507	5.0
A00-2882	6.3	BURL 06-11	4.7
A01-1106	6.3	A05-204	4.3
A06-47	6.3	BAR 12PP 612	4.3
BARON	6.3	BLACKJACK	4.3
CABERNET	6.3	A05-329	4.0
LTP-08-6	6.3	PICK TD9	4.0
PICK MP07	6.3	3733	3.7
PPH 9131	6.3	AKB 2555	3.3
SHAMROCK	6.3		
SRX 2758	6.3	LSD VALUE	1.9
SUDDEN IMPACT	6.3	C.V. (%)	18.7
A03-1017	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 20. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/					
NAME	NC1	OK1	TN1	VA1	MEAN
A05-360	94.3	98.3	85.3	94.7	93.2
A04-38	91.7	95.7	83.3	94.7	91.3
H99-1653	98.3	97.7	84.3	85.0	91.3
SRX 4338	93.0	97.3	84.3	90.0	91.2
DPPP 818	90.0	95.3	82.7	93.3	90.3
PP 10847	93.0	96.0	89.7	81.7	90.1
BAR PP 110358	94.7	97.3	78.3	90.0	90.1
A00-2882	91.7	98.3	84.3	83.3	89.4
BAR VV 118532	86.7	93.3	85.7	91.7	89.3
BAR VV 0709	92.3	99.0	79.0	86.7	89.3
KENBLUE	89.3	97.0	80.7	90.0	89.3
A06-46	94.3	94.7	85.7	81.7	89.1
PICK TD8	93.3	97.7	87.0	78.3	89.1
PST-K10-106D	90.0	94.3	83.3	88.3	89.0
PICK 4340	92.7	97.3	88.7	76.7	88.8
A06-26	95.0	96.0	85.7	78.3	88.8
THERMAL BLUE	90.0	95.7	89.0	80.0	88.7
BAR PP 119326	90.0	97.3	82.3	85.0	88.7
SRX 466	94.3	97.3	79.7	83.3	88.7
AMERICA	89.3	91.7	87.7	85.0	88.4
A04-36	96.3	98.3	83.3	75.0	88.3
LEGEND (A10-1)	88.3	96.0	82.7	85.0	88.0
J-1136	90.0	94.7	87.0	80.0	87.9
KEENELAND (A04-342)	94.3	87.7	84.7	85.0	87.9
LTP-08-6	90.0	95.3	84.3	81.7	87.8
BLUE NOTE	88.3	98.0	81.0	83.3	87.7
BLACKJACK	85.0	94.7	87.3	83.3	87.6
BAR VV 112916	92.7	97.3	83.3	76.7	87.5
A01-1106	91.7	98.3	78.0	81.7	87.4
MIDNIGHT	89.3	97.0	81.7	80.0	87.0
NU CHICAGO	88.3	96.0	80.0	83.3	86.9
PICK MP07	87.7	96.3	83.3	80.0	86.8
A00-4199	90.0	97.0	83.0	76.7	86.7
SUDDEN IMPACT	88.3	97.0	81.0	80.0	86.6
RUSH	90.0	96.0	79.7	80.0	86.4
RAD-507	91.0	91.7	86.0	76.7	86.3
SKYE	88.3	97.0	80.0	80.0	86.3
J-1853	93.0	93.7	75.0	83.3	86.3
J-1770	88.3	93.3	75.7	86.3	85.9
ZINGER (A05-306)	91.0	95.3	89.0	68.3	85.9
BAR 8PP 504	83.3	96.3	88.3	75.0	85.8
PPH 9131	90.0	97.3	77.3	78.3	85.8
A05-315	91.7	91.0	81.7	78.3	85.7
SRX 2758	90.0	98.3	79.3	75.0	85.7
A05-999	88.3	96.0	83.0	75.0	85.6
A05-361	88.3	95.3	70.0	86.7	85.1
A03-1017	88.3	96.0	80.7	75.0	85.0

TABLE 20. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	NC1	OK1	TN1	VA1	MEAN
PST-T10-18	88.3	94.0	77.3	80.0	84.9
PST-K4-7	85.0	96.3	76.0	81.7	84.8
BARDUKE	81.7	96.0	78.3	81.7	84.4
SRX 5321	81.7	91.7	85.7	78.3	84.3
BURL 06-11	83.3	91.3	82.3	80.0	84.3
BAR PP 119327	88.3	96.0	80.7	71.7	84.2
SHAMROCK	92.7	97.0	80.3	66.7	84.2
PICK TD9	80.0	93.3	85.7	76.7	83.9
RAD-849	91.0	91.0	85.3	68.3	83.9
AVID	85.0	90.0	85.7	73.3	83.5
A98-344	86.7	97.3	77.0	71.7	83.2
BAR 12PP 612	86.7	96.0	70.0	80.0	83.2
PST-K9-99	91.7	92.7	81.7	66.7	83.2
AKB 2282	83.3	91.7	84.3	73.3	83.2
PICK 033	91.7	96.0	81.3	63.3	83.1
A98-363	88.3	97.3	78.0	68.3	83.0
A04-74	81.7	96.0	77.0	76.7	82.8
BARON	88.3	95.7	80.0	63.3	81.8
A05-TB-382	90.0	92.7	75.7	66.7	81.3
BURL 3-51	81.7	92.7	77.3	70.0	80.4
RAD-1492	93.3	94.3	68.3	65.0	80.3
EMPIRE	80.0	94.3	79.7	66.7	80.2
ARROWHEAD	88.3	88.3	81.7	61.7	80.0
PST-07-261	86.7	93.7	84.7	55.0	80.0
A06-47	86.7	93.0	80.0	60.0	79.9
A05-204	85.0	90.0	76.7	65.0	79.2
PST-K4-3	75.0	94.3	77.3	66.7	78.3
4S2W	76.7	91.7	77.3	66.7	78.1
PST-K9-90	78.3	88.3	77.7	66.7	77.8
A05-329	75.0	91.0	77.0	60.0	75.8
3733	78.3	90.0	76.3	56.7	75.3
PST-K9-97	71.7	91.7	71.7	65.0	75.0
AKB 2555	61.7	85.0	78.3	66.7	72.9
CABERNET	71.7	80.0	69.3	63.3	71.1
AWARD	68.3	68.3	68.3	36.7	60.4
LSD VALUE	10.8	7.9	9.1	20.6	6.6
C.V. (%)	7.7	5.2	7.0	16.8	9.6

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

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

TABLE 21. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	NC1	OK1	TN1	MEAN
BAR PP 110358	97.3	99.0	91.7	96.0
BAR VV 0709	98.3	99.0	87.3	94.9
SKYE	97.0	99.0	85.3	93.8
SRX 466	97.3	98.7	85.3	93.8
PICK 033	97.0	99.0	85.0	93.7
A05-TB-382	97.0	99.0	84.3	93.4
A98-363	91.3	99.0	84.7	91.7
BLUE NOTE	97.0	99.0	75.0	90.3
J-1853	96.0	99.0	75.7	90.2
A04-74	97.3	99.0	71.7	89.3
BAR 8PP 504	98.7	99.0	70.0	89.2
J-1770	95.0	97.7	74.3	89.0
NU CHICAGO	92.7	99.0	75.0	88.9
AWARD	98.7	94.3	73.3	88.8
BURL 3-51	90.0	97.7	78.3	88.7
KEENELAND (A04-342)	93.3	96.0	76.7	88.7
A00-2882	98.3	99.0	67.7	88.3
A98-344	92.7	99.0	73.3	88.3
A03-1017	86.7	99.0	78.3	88.0
A06-46	91.7	99.0	72.7	87.8
LTP-08-6	90.0	99.0	73.7	87.6
CABERNET	95.0	99.0	68.3	87.4
J-1136	95.0	99.0	68.3	87.4
A06-47	94.3	99.0	67.7	87.0
AMERICA	90.0	99.0	71.7	86.9
A01-1106	91.0	99.0	70.0	86.7
PST-K10-106D	93.0	99.0	67.3	86.4
BAR VV 118532	88.3	99.0	71.7	86.3
SRX 2758	94.7	99.0	65.0	86.2
MIDNIGHT	96.3	99.0	63.3	86.2
A05-360	90.0	99.0	68.3	85.8
BURL 06-11	83.3	99.0	74.0	85.4
SRX 4338	95.3	99.0	61.7	85.3
BAR VV 112916	96.0	99.0	60.7	85.2
H99-1653	98.3	94.3	61.7	84.8
PICK 4340	95.7	98.7	58.3	84.2
SUDDEN IMPACT	91.0	99.0	61.0	83.7
AVID	94.7	96.0	60.0	83.6
A05-361	83.3	99.0	68.3	83.6
PST-T10-18	95.3	92.7	61.7	83.2
EMPIRE	89.3	99.0	61.0	83.1
BAR PP 119327	92.3	99.0	56.7	82.7
A05-999	94.3	99.0	51.0	81.4
PICK MP07	94.7	99.0	50.0	81.2
PPH 9131	86.7	99.0	56.7	80.8
SRX 5321	93.0	99.0	48.3	80.1
A05-204	88.3	97.3	53.3	79.7

TABLE 21. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	NC1	OK1	TN1	MEAN
BAR PP 119326	90.0	99.0	50.0	79.7
A05-315	85.0	96.0	57.7	79.6
PP 10847	86.7	99.0	51.7	79.1
PST-K9-99	94.3	97.7	45.0	79.0
PST-K4-3	86.0	99.0	51.7	78.9
BARON	93.7	99.0	43.3	78.7
A04-38	94.3	99.0	41.7	78.3
A06-26	88.3	99.0	46.7	78.0
PST-07-261	95.0	94.7	43.3	77.7
ARROWHEAD	95.7	99.0	36.7	77.1
KENBLUE	78.3	99.0	53.3	76.9
PICK TD8	90.0	99.0	41.7	76.9
A00-4199	86.7	99.0	43.3	76.3
LEGEND (A10-1)	86.7	97.7	43.3	75.9
RAD-1492	71.7	99.0	56.7	75.8
THERMAL BLUE	85.0	99.0	43.3	75.8
AKB 2282	86.7	96.3	43.3	75.4
RUSH	88.3	99.0	38.3	75.2
DPPP 818	73.3	99.0	52.7	75.0
PST-K4-7	84.3	99.0	41.7	75.0
A04-36	90.0	99.0	35.0	74.7
SHAMROCK	88.3	98.7	36.7	74.6
RAD-507	83.3	99.0	40.0	74.1
3733	81.7	95.7	43.3	73.6
BARDUKE	82.7	97.7	40.0	73.4
4S2W	84.3	99.0	36.7	73.3
PST-K9-97	90.0	97.7	12.0	66.6
RAD-849	88.3	97.7	12.7	66.2
ZINGER (A05-306)	78.3	99.0	17.7	65.0
AKB 2555	75.0	97.7	19.3	64.0
BAR 12PP 612	58.3	99.0	31.7	63.0
A05-329	72.7	94.3	21.7	62.9
PST-K9-90	46.7	99.0	14.3	53.3
PICK TD9	41.7	99.0	6.0	48.9
BLACKJACK	28.3	99.0	6.7	44.7
LSD VALUE	17.0	3.8	20.2	8.9
C.V. (%)	12.0	2.4	22.6	11.9

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

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

TABLE 22. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NC1	NJ2	TN1	MEAN
SRX 2758	95.7	63.3	96.0	85.0
J-1770	98.3	60.0	96.0	84.8
BAR VV 0709	99.0	60.0	95.0	84.7
J-1853	98.0	60.0	96.0	84.7
J-1136	95.7	61.7	96.0	84.4
SRX 466	98.7	58.3	96.3	84.4
MIDNIGHT	98.7	56.7	95.3	83.6
A98-363	97.0	56.7	96.0	83.2
BAR VV 112916	97.0	55.0	97.0	83.0
BAR PP 110358	99.0	55.0	94.3	82.8
A03-1017	95.0	56.7	95.7	82.4
A04-74	99.0	51.7	96.0	82.2
NU CHICAGO	95.7	56.7	94.0	82.1
BAR 8PP 504	96.0	55.0	94.3	81.8
A00-4199	94.3	58.3	91.7	81.4
SKYE	97.3	50.0	95.7	81.0
A05-360	86.7	60.0	96.0	80.9
DPPP 818	89.3	58.3	95.0	80.9
BLUE NOTE	98.7	46.7	97.0	80.8
A98-344	94.3	51.7	95.3	80.4
BAR PP 119326	86.7	58.3	96.0	80.3
A01-1106	92.7	53.3	94.7	80.2
BURL 3-51	92.7	50.0	96.0	79.6
BAR PP 119327	98.3	46.7	93.3	79.4
H99-1653	93.3	50.0	95.0	79.4
SUDDEN IMPACT	90.0	53.3	95.0	79.4
BAR VV 118532	91.3	50.0	96.0	79.1
A06-26	96.0	51.7	88.0	78.6
PP 10847	93.7	46.7	95.0	78.4
PPH 9131	96.0	50.0	89.0	78.3
PST-K10-106D	92.7	48.3	94.0	78.3
KEENELAND (A04-342)	94.3	43.3	96.7	78.1
LEGEND (A10-1)	90.0	50.0	94.3	78.1
PST-K9-99	96.0	46.7	91.0	77.9
SRX 5321	93.7	45.0	94.7	77.8
AVID	94.7	41.7	96.7	77.7
BARDUKE	91.0	46.7	95.3	77.7
PICK 033	93.3	43.3	96.3	77.7
THERMAL BLUE	88.3	56.7	87.7	77.6
A05-TB-382	94.3	41.7	96.3	77.4
AMERICA	91.7	43.3	96.0	77.0
PST-07-261	97.3	48.3	85.3	77.0
PST-K4-3	91.0	51.7	88.3	77.0
A06-46	96.0	38.3	96.3	76.9
BARON	91.7	48.3	90.3	76.8
A04-38	91.7	48.3	89.3	76.4
LTP-08-6	94.3	38.3	96.3	76.3

TABLE 22. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	NC1	NJ2	TN1	MEAN
SRX 4338	98.3	40.0	90.7	76.3
PICK 4340	89.0	53.3	86.3	76.2
SHAMROCK	93.3	41.7	92.7	75.9
PICK TD8	88.3	48.3	90.0	75.6
EMPIRE	94.7	36.7	95.0	75.4
ARROWHEAD	94.7	50.0	80.3	75.0
A06-47	92.7	38.3	93.3	74.8
A00-2882	96.0	33.3	94.7	74.7
A05-361	75.0	56.7	92.3	74.7
A05-315	80.0	46.7	96.3	74.3
BURL 06-11	80.0	45.0	96.7	73.9
PST-T10-18	84.7	38.3	96.0	73.0
KENBLUE	84.3	38.3	96.0	72.9
RAD-1492	89.3	33.3	96.0	72.9
AWARD	99.0	21.7	96.7	72.4
CABERNET	94.7	26.7	95.3	72.2
A05-204	83.3	38.3	92.7	71.4
PST-K4-7	91.0	33.3	87.0	70.4
A04-36	86.0	40.0	83.7	69.9
BAR 12PP 612	75.0	53.3	81.0	69.8
RUSH	83.3	40.0	85.0	69.4
PICK MP07	86.3	33.3	86.0	68.6
RAD-507	85.0	35.0	79.7	66.6
AKB 2282	86.0	35.0	76.3	65.8
A05-999	86.7	26.7	81.7	65.0
4S2W	83.3	25.0	82.7	63.7
ZINGER (A05-306)	73.3	48.3	66.0	62.6
3733	76.7	30.0	80.7	62.4
A05-329	73.3	30.0	77.3	60.2
RAD-849	80.0	36.7	56.3	57.7
AKB 2555	66.0	28.3	47.3	47.2
PST-K9-97	81.7	33.3	24.7	46.6
PST-K9-90	38.3	40.0	53.7	44.0
BLACKJACK	33.3	48.3	34.7	38.8
PICK TD9	38.3	40.0	31.0	36.4
LSD VALUE	16.2	12.6	15.2	8.5
C.V. (%)	11.4	17.0	10.7	12.3

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

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

TABLE 23. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	NC1	NAME	NC1
A00-2882	7.3	BARDUKE	6.0
ARROWHEAD	7.3	BARON	6.0
AWARD	7.0	PICK MP07	6.0
BAR PP 110358	7.0	PST-K4-7	6.0
J-1853	7.0	PST-K9-97	6.0
MIDNIGHT	7.0	PST-K9-99	6.0
NU CHICAGO	7.0	A03-1017	5.7
SRX 466	7.0	BURL 3-51	5.7
SUDDEN IMPACT	7.0	LEGEND (A10-1)	5.7
A00-4199	6.7	PST-K10-106D	5.7
A04-38	6.7	SRX 5321	5.7
A04-74	6.7	A05-315	5.3
BLUE NOTE	6.7	A06-26	5.3
J-1770	6.7	A98-363	5.3
KEENELAND (A04-342)	6.7	BAR 8PP 504	5.3
LTP-08-6	6.7	BAR VV 112916	5.3
PICK 4340	6.7	A05-204	5.0
PST-07-261	6.7	AMERICA	5.0
SHAMROCK	6.7	BAR 12PP 612	5.0
SRX 4338	6.7	BAR PP 119327	5.0
A01-1106	6.3	BURL 06-11	5.0
A04-36	6.3	DPPP 818	5.0
A05-999	6.3	PP 10847	5.0
A05-TB-382	6.3	PPH 9131	5.0
A06-47	6.3	PST-T10-18	5.0
AKB 2282	6.3	RAD-849	5.0
BAR VV 0709	6.3	ZINGER (A05-306)	5.0
CABERNET	6.3	3733	4.7
EMPIRE	6.3	BAR PP 119326	4.7
H99-1653	6.3	BAR VV 118532	4.7
J-1136	6.3	PST-K4-3	4.7
PICK 033	6.3	RAD-507	4.7
PICK TD8	6.3	A05-329	4.3
RAD-1492	6.3	AKB 2555	4.3
RUSH	6.3	KENBLUE	4.3
SKYE	6.3	THERMAL BLUE	4.3
SRX 2758	6.3	BLACKJACK	2.7
4S2W	6.0	PICK TD9	2.7
A05-360	6.0	PST-K9-90	2.7
A05-361	6.0		
A06-46	6.0	LSD VALUE	1.4
A98-344	6.0	C.V. (%)	15.5
AVID	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 24. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	IN1	NAME	IN1
A05-361	9.0	A05-315	7.7
A05-TB-382	9.0	A98-363	7.7
A06-46	9.0	BAR VV 118532	7.7
BAR VV 112916	9.0	DPPP 818	7.7
PICK 033	9.0	KENBLUE	7.7
PICK 4340	9.0	PICK TD8	7.7
PST-T10-18	9.0	PP 10847	7.7
SRX 4338	9.0	PPH 9131	7.7
AVID	8.7	SRX 466	7.7
BAR PP 110358	8.7	ZINGER (A05-306)	7.7
BLUE NOTE	8.7	A05-360	7.3
BURL 06-11	8.7	BARDUKE	7.3
J-1770	8.7	A06-26	7.0
KEENELAND (A04-342)	8.7	CABERNET	7.0
A03-1017	8.3	A04-74	6.7
AWARD	8.3	AKB 2282	6.7
BARON	8.3	BAR PP 119327	6.7
BURL 3-51	8.3	MIDNIGHT	6.7
H99-1653	8.3	PST-K4-3	6.7
J-1136	8.3	SRX 5321	6.7
J-1853	8.3	THERMAL BLUE	6.7
LEGEND (A10-1)	8.3	A00-4199	6.3
PICK TD9	8.3	A01-1106	6.3
RAD-849	8.3	BLACKJACK	6.3
SKYE	8.3	3733	6.0
A05-204	8.0	4S2W	6.0
A98-344	8.0	SHAMROCK	6.0
AMERICA	8.0	ARROWHEAD	5.7
BAR 8PP 504	8.0	RUSH	5.7
BAR PP 119326	8.0	A05-999	5.0
BAR VV 0709	8.0	BAR 12PP 612	5.0
EMPIRE	8.0	PST-K10-106D	5.0
LTP-08-6	8.0	A00-2882	4.7
NU CHICAGO	8.0	PST-K9-90	4.3
PICK MP07	8.0	PST-K9-99	4.3
PST-07-261	8.0	A06-47	4.0
PST-K4-7	8.0	PST-K9-97	3.3
RAD-1492	8.0	AKB 2555	1.7
RAD-507	8.0	A05-329	1.3
SRX 2758	8.0		
SUDDEN IMPACT	8.0	LSD VALUE	1.8
A04-36	7.7	C.V. (%)	15.3
A04-38	7.7		

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 25.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	MD1	NC1	MEAN	NAME	MD1	NC1	MEAN
PICK TD8	9.0	8.7	8.8	BAR PP 119326	9.0	6.7	7.8
A05-TB-382	9.0	8.3	8.7	SKYE	9.0	6.7	7.8
A06-26	9.0	8.3	8.7	SRX 2758	9.0	6.7	7.8
A06-46	9.0	8.3	8.7	A04-38	8.7	6.7	7.7
H99-1653	9.0	8.3	8.7	BAR VV 112916	7.3	8.0	7.7
PST-T10-18	9.0	8.3	8.7	PST-K9-90	9.0	6.3	7.7
RAD-849	9.0	8.3	8.7	SHAMROCK	9.0	6.3	7.7
A05-204	9.0	8.0	8.5	SRX 5321	9.0	6.3	7.7
A98-363	9.0	8.0	8.5	BLACKJACK	8.3	6.7	7.5
PICK 4340	9.0	8.0	8.5	DPPP 818	8.3	6.7	7.5
A04-74	9.0	7.7	8.3	THERMAL BLUE	8.3	6.7	7.5
A05-315	9.0	7.7	8.3	AMERICA	8.3	6.3	7.3
A05-999	9.0	7.7	8.3	AVID	8.3	6.3	7.3
A06-47	9.0	7.7	8.3	BAR PP 119327	8.3	6.3	7.3
AKB 2282	9.0	7.7	8.3	PICK MP07	9.0	5.7	7.3
BAR 12PP 612	9.0	7.7	8.3	BARDUKE	8.7	6.0	7.3
BAR VV 0709	9.0	7.7	8.3	PST-K9-97	9.0	5.3	7.2
BAR VV 118532	9.0	7.7	8.3	RUSH	8.7	5.7	7.2
PP 10847	9.0	7.7	8.3	A01-1106	8.0	6.0	7.0
PST-07-261	8.3	8.3	8.3	BARON	8.0	5.7	6.8
RAD-1492	9.0	7.7	8.3	EMPIRE	7.7	6.0	6.8
RAD-507	9.0	7.7	8.3	CABERNET	9.0	4.3	6.7
ZINGER (A05-306)	9.0	7.7	8.3	PICK TD9	7.3	6.0	6.7
BURL 06-11	8.7	8.0	8.3	A03-1017	8.7	4.3	6.5
3733	9.0	7.3	8.2	BURL 3-51	8.3	4.7	6.5
A04-36	9.0	7.3	8.2	A05-329	7.7	5.0	6.3
A05-361	8.7	7.7	8.2	MIDNIGHT	8.0	4.7	6.3
A98-344	9.0	7.3	8.2	SRX 466	7.0	5.7	6.3
AKB 2555	8.7	7.7	8.2	J-1136	8.7	4.0	6.3
BLUE NOTE	9.0	7.3	8.2	J-1770	8.7	4.0	6.3
KEENELAND (A04-342)	9.0	7.3	8.2	NU CHICAGO	8.7	4.0	6.3
KENBLUE	8.7	7.7	8.2	PST-K4-3	9.0	3.7	6.3
LTP-08-6	9.0	7.3	8.2	PST-K4-7	9.0	3.7	6.3
PICK 033	9.0	7.3	8.2	SUDDEN IMPACT	8.3	4.0	6.2
PPH 9131	9.0	7.3	8.2	A00-2882	7.3	4.7	6.0
PST-K10-106D	9.0	7.3	8.2	A00-4199	8.7	3.3	6.0
4S2W	8.7	7.3	8.0	ARROWHEAD	8.0	4.0	6.0
A05-360	9.0	7.0	8.0	AWARD	9.0	3.0	6.0
BAR 8PP 504	8.7	7.3	8.0	J-1853	8.0	4.0	6.0
LEGEND (A10-1)	9.0	7.0	8.0				
PST-K9-99	8.3	7.7	8.0	LSD VALUE	0.8	1.4	0.8
SRX 4338	8.7	7.3	8.0	C.V. (%)	5.7	13.5	9.4
BAR PP 110358	9.0	6.7	7.8				

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

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

TABLE 26. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	OK1	NAME	OK1
BAR 8PP 504	7.3	PST-T10-18	5.7
A03-1017	7.0	A00-2882	5.3
BAR VV 0709	6.7	AMERICA	5.3
BAR VV 112916	6.7	BARDUKE	5.3
EMPIRE	6.7	LEGEND (A10-1)	5.3
J-1770	6.7	NU CHICAGO	5.3
PP 10847	6.7	PICK TD8	5.3
A01-1106	6.3	PPH 9131	5.3
A04-36	6.3	RAD-1492	5.3
A04-38	6.3	SKYE	5.3
A05-315	6.3	SRX 5321	5.3
A05-361	6.3	SUDDEN IMPACT	5.3
A06-26	6.3	PICK 033	5.0
BURL 06-11	6.3	PST-K4-3	5.0
H99-1653	6.3	PST-K9-97	5.0
KEENELAND (A04-342)	6.3	RAD-849	5.0
MIDNIGHT	6.3	SRX 466	5.0
PST-07-261	6.3	THERMAL BLUE	5.0
RAD-507	6.3	3733	4.7
SRX 2758	6.3	A05-204	4.7
SRX 4338	6.3	A05-999	4.7
A00-4199	6.0	ARROWHEAD	4.7
A05-TB-382	6.0	BAR 12PP 612	4.7
A06-46	6.0	DPPP 818	4.7
AWARD	6.0	PST-K10-106D	4.7
BAR PP 110358	6.0	SHAMROCK	4.7
BLUE NOTE	6.0	ZINGER (A05-306)	4.7
BURL 3-51	6.0	4S2W	4.3
J-1853	6.0	A05-329	4.3
PICK 4340	6.0	AKB 2282	4.3
PICK MP07	6.0	BAR PP 119326	4.3
RUSH	6.0	BARON	4.3
A05-360	5.7	PST-K9-99	4.3
A98-344	5.7	A04-74	4.0
A98-363	5.7	A06-47	4.0
AVID	5.7	AKB 2555	3.3
BAR PP 119327	5.7	PICK TD9	2.3
BAR VV 118532	5.7	PST-K9-90	2.3
CABERNET	5.7	BLACKJACK	2.0
J-1136	5.7		
KENBLUE	5.7	LSD VALUE	1.8
LTP-08-6	5.7	C.V. (%)	21.1
PST-K4-7	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 27, CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	WI1	NAME	WI1
BAR VV 112916	8.0	SKYE	6.0
KENBLUE	8.0	SRX 2758	6.0
A00-4199	7.0	SRX 5321	6.0
A05-999	7.0	A01-1106	5.7
BAR VV 0709	7.0	A05-360	5.7
BLUE NOTE	7.0	A05-TB-382	5.7
4S2W	6.7	A06-26	5.7
H99-1653	6.7	A98-363	5.7
KEENELAND (A04-342)	6.7	AMERICA	5.7
PST-K4-3	6.7	BAR 12PP 612	5.7
SRX 4338	6.7	BARDUKE	5.7
ZINGER (A05-306)	6.7	BURL 06-11	5.7
A04-36	6.3	DPPP 818	5.7
A04-38	6.3	LTP-08-6	5.7
A05-315	6.3	MIDNIGHT	5.7
A06-46	6.3	PICK TD8	5.7
ARROWHEAD	6.3	PPH 9131	5.7
BLACKJACK	6.3	PST-K4-7	5.7
NU CHICAGO	6.3	SRX 466	5.7
PICK 4340	6.3	SUDDEN IMPACT	5.7
PST-K9-90	6.3	THERMAL BLUE	5.7
RAD-1492	6.3	A04-74	5.3
A00-2882	6.0	A98-344	5.3
A03-1017	6.0	AKB 2282	5.3
A05-361	6.0	AKB 2555	5.3
A06-47	6.0	AVID	5.3
BAR PP 110358	6.0	BAR 8PP 504	5.3
BAR VV 118532	6.0	BAR PP 119326	5.3
BARON	6.0	BAR PP 119327	5.3
BURL 3-51	6.0	CABERNET	5.3
J-1136	6.0	LEGEND (A10-1)	5.3
J-1770	6.0	RAD-507	5.3
J-1853	6.0	3733	5.0
PICK MP07	6.0	A05-204	5.0
PICK TD9	6.0	AWARD	5.0
PP 10847	6.0	EMPIRE	5.0
PST-07-261	6.0	PICK 033	5.0
PST-K10-106D	6.0	PST-K9-99	5.0
PST-K9-97	6.0	A05-329	4.3
PST-T10-18	6.0		
RAD-849	6.0	LSD VALUE	0.8
RUSH	6.0	C.V. (%)	8.6
SHAMROCK	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 28. FALL COLOR (DECEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	MD1	NAME	MD1
A04-74	6.7	SRX 5321	5.0
AWARD	6.7	ZINGER (A05-306)	5.0
A00-2882	6.3	A05-315	4.7
A05-329	6.3	A06-26	4.7
BAR 12PP 612	6.3	A98-344	4.7
J-1136	6.3	BAR 8PP 504	4.7
A01-1106	6.0	LTP-08-6	4.7
A03-1017	6.0	RAD-1492	4.7
A05-204	6.0	RAD-849	4.7
A05-361	6.0	SRX 4338	4.7
AKB 2282	6.0	A05-999	4.3
AVID	6.0	A98-363	4.3
BURL 3-51	6.0	AMERICA	4.3
J-1770	6.0	ARROWHEAD	4.3
J-1853	6.0	BURL 06-11	4.3
LEGEND (A10-1)	6.0	H99-1653	4.3
MIDNIGHT	6.0	PICK MP07	4.3
NU CHICAGO	6.0	PICK TD9	4.3
PST-K9-97	6.0	PPH 9131	4.3
SUDDEN IMPACT	6.0	SKYE	4.3
3733	5.7	A00-4199	4.0
4S2W	5.7	BAR PP 119327	4.0
A04-38	5.7	CABERNET	4.0
A05-TB-382	5.7	PST-K9-99	4.0
PST-07-261	5.7	PST-T10-18	4.0
RUSH	5.7	RAD-507	4.0
BAR PP 110358	5.3	SRX 2758	4.0
BAR VV 0709	5.3	BLACKJACK	3.7
EMPIRE	5.3	PP 10847	3.7
PICK 033	5.3	PST-K10-106D	3.7
A04-36	5.0	PST-K4-3	3.7
A05-360	5.0	PST-K9-90	3.7
A06-46	5.0	BAR PP 119326	3.0
A06-47	5.0	BAR VV 112916	3.0
AKB 2555	5.0	DPPP 818	3.0
BAR VV 118532	5.0	KENBLUE	3.0
BLUE NOTE	5.0	THERMAL BLUE	3.0
KEENELAND (A04-342)	5.0	BARDUKE	2.7
PICK 4340	5.0	BARON	2.3
PICK TD8	5.0		
PST-K4-7	5.0	LSD VALUE	1.0
SHAMROCK	5.0	C.V. (%)	12.1
SRX 466	5.0		

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

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

TABLE 29. PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA 2/

NAME	IL1	MA1	TN1	VA1	MEAN
H99-1653	63.3	70.0	53.0	93.0	69.8
PP 10847	63.3	63.3	62.3	73.3	65.6
A04-38	56.7	56.7	60.0	88.3	65.4
BAR VV 0709	50.0	63.3	54.7	80.0	62.0
J-1770	53.3	63.3	48.3	80.0	61.3
PICK TD8	50.0	60.0	63.0	68.3	60.3
MIDNIGHT	46.7	63.3	53.3	76.7	60.0
BLACKJACK	50.0	53.3	63.3	71.7	59.6
BAR VV 118532	66.7	33.3	61.7	76.7	59.6
THERMAL BLUE	56.7	60.0	58.0	63.3	59.5
DPPP 818	53.3	50.0	49.0	85.0	59.3
A00-4199	56.7	56.7	54.0	70.0	59.3
NU CHICAGO	53.3	63.3	45.0	75.0	59.2
PST-K10-106D	56.7	56.7	46.7	76.7	59.2
A05-360	50.0	40.0	58.3	88.0	59.1
A01-1106	56.7	56.7	45.7	76.7	58.9
A06-46	56.7	53.3	50.7	75.0	58.9
A06-26	56.7	50.0	58.7	70.0	58.8
BAR PP 110358	63.3	53.3	48.3	70.0	58.8
KENBLUE	60.0	50.0	48.3	76.7	58.8
AMERICA	43.3	53.3	59.0	76.7	58.1
J-1136	50.0	56.7	48.3	76.7	57.9
BAR 8PP 504	50.0	50.0	56.7	75.0	57.9
J-1853	46.7	66.7	49.3	68.3	57.8
LEGEND (A10-1)	46.7	56.7	52.3	75.0	57.7
BAR 12PP 612	50.0	56.7	55.7	68.3	57.7
A05-361	46.7	50.0	57.3	75.0	57.3
BAR VV 112916	46.7	50.0	58.3	73.3	57.1
SRX 466	43.3	53.3	52.3	78.3	56.8
BARDUKE	53.3	50.0	48.7	75.0	56.8
BLUE NOTE	60.0	40.0	45.0	80.0	56.3
SHAMROCK	53.3	50.0	49.3	71.7	56.1
PST-T10-18	50.0	56.7	45.0	71.7	55.8
A98-344	63.3	43.3	50.0	65.0	55.4
BARON	43.3	60.0	47.3	70.0	55.2
PST-K4-3	53.3	56.7	47.0	63.3	55.1
A04-36	40.0	50.0	51.7	78.3	55.0
LTP-08-6	43.3	50.0	50.7	75.0	54.8
ZINGER (A05-306)	50.0	50.0	59.0	60.0	54.8
PICK TD9	50.0	53.3	43.3	70.0	54.2
PICK 4340	53.3	40.0	54.0	68.3	53.9
A05-315	46.7	50.0	49.0	70.0	53.9
A00-2882	50.0	33.3	48.3	83.3	53.8
BURL 06-11	50.0	46.7	50.0	68.3	53.8
A98-363	50.0	53.3	46.3	65.0	53.7
A05-204	50.0	56.7	49.7	56.7	53.3
A03-1017	43.3	56.7	51.0	61.7	53.2
RUSH	50.0	36.7	51.7	71.7	52.5
SKYE	46.7	56.7	46.7	60.0	52.5

TABLE 29. PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2012 DATA 2/

NAME	IL1	MA1	TN1	VA1	MEAN
SRX 2758	50.0	43.3	44.0	71.7	52.3
PPH 9131	46.7	53.3	48.3	60.0	52.1
RAD-849	36.7	53.3	61.7	56.7	52.1
SUDDEN IMPACT	43.3	60.0	42.7	61.7	51.9
A04-74	46.7	40.0	46.0	73.3	51.5
BURL 3-51	46.7	53.3	48.3	56.7	51.3
PST-K4-7	40.0	40.0	50.0	75.0	51.3
PST-07-261	60.0	40.0	55.7	46.7	50.6
KEENELAND (A04-342)	43.3	33.3	55.3	70.0	50.5
AVID	43.3	43.3	53.3	61.7	50.4
PICK MPO7	36.7	53.3	56.7	53.3	50.0
ARROWHEAD	46.7	46.7	48.3	53.3	48.8
BAR PP 119326	26.7	43.3	56.7	68.3	48.8
PICK 033	50.0	43.3	50.0	50.0	48.3
SRX 4338	40.0	30.0	48.0	75.0	48.3
BAR PP 119327	50.0	36.7	45.7	60.0	48.1
A05-TB-382	50.0	40.0	50.0	50.0	47.5
RAD-507	36.7	33.3	45.0	70.0	46.3
EMPIRE	36.7	46.7	43.3	56.7	45.8
SRX 5321	30.0	40.0	51.7	61.7	45.8
A06-47	40.0	46.7	45.0	50.0	45.4
PST-K9-90	40.0	36.7	53.0	51.7	45.3
PST-K9-99	53.3	20.0	55.0	51.7	45.0
AKB 2282	26.7	36.7	55.0	60.0	44.6
A05-999	50.0	30.0	47.3	48.3	43.9
PST-K9-97	40.0	30.0	44.0	58.3	43.1
4S2W	33.3	36.7	44.0	56.7	42.7
RAD-1492	40.0	36.7	42.3	48.3	41.8
A05-329	43.3	18.3	47.3	51.7	40.2
AKB 2555	33.3	36.7	41.7	48.3	40.0
3733	33.3	23.3	51.7	50.0	39.6
CABERNET	33.3	10.0	26.7	48.3	29.6
AWARD	23.3	6.7	8.0	48.3	21.6
LSD VALUE	17.3	15.3	10.7	22.7	8.5
C.V. (%)	22.7	20.3	13.3	21.1	20.1

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 30. TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

NAME	IA1	NAME	IA1
BAR 8PP 504	7.3	BURL 3-51	5.7
SRX 4338	7.3	CABERNET	5.7
BAR PP 119326	7.0	DPPP 818	5.7
BAR VV 118532	7.0	EMPIRE	5.7
A98-344	6.7	KEENELAND (A04-342)	5.7
BAR VV 0709	6.7	MIDNIGHT	5.7
J-1770	6.7	NU CHICAGO	5.7
LEGEND (A10-1)	6.7	PICK TD8	5.7
RUSH	6.7	PPH 9131	5.7
SHAMROCK	6.7	PST-K9-99	5.7
A04-74	6.3	RAD-849	5.7
A05-360	6.3	3733	5.3
ARROWHEAD	6.3	A04-36	5.3
H99-1653	6.3	A05-315	5.3
PST-K10-106D	6.3	A06-26	5.3
PST-T10-18	6.3	A06-46	5.3
SKYE	6.3	BAR PP 119327	5.3
SRX 466	6.3	BLACKJACK	5.3
A00-4199	6.0	BLUE NOTE	5.3
AMERICA	6.0	BURL 06-11	5.3
AWARD	6.0	J-1853	5.3
BAR PP 110358	6.0	PICK MP07	5.3
BAR VV 112916	6.0	PST-07-261	5.3
BARDUKE	6.0	PST-K4-3	5.3
J-1136	6.0	RAD-507	5.3
KENBLUE	6.0	A05-329	5.0
LTP-08-6	6.0	A05-361	5.0
PICK 4340	6.0	AKB 2282	5.0
PST-K4-7	6.0	BARON	5.0
PST-K9-90	6.0	PICK 033	5.0
SRX 2758	6.0	PICK TD9	5.0
THERMAL BLUE	6.0	PP 10847	5.0
ZINGER (A05-306)	6.0	PST-K9-97	5.0
A00-2882	5.7	SRX 5321	5.0
A01-1106	5.7	SUDDEN IMPACT	5.0
A03-1017	5.7	A05-204	4.7
A04-38	5.7	AKB 2555	4.7
A05-999	5.7	RAD-1492	4.7
A05-TB-382	5.7	4S2W	4.3
A06-47	5.7		
A98-363	5.7	LSD VALUE	2.0
AVID	5.7	C.V. (%)	21.9
BAR 12PP 612	5.7		

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

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

TABLE 31. EARLY SPRING TOP GROWTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

EARLY SPRING TOP GROWTH 1-9; 9=MOST TOP GROWTH 2/

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

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

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

TABLE 32. RUST DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA

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

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

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

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

TABLE 33. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2012 DATA 2/

NAME	TN1	NAME	TN1
3733	25.0	A06-47	21.7
4S2W	25.0	BAR PP 119327	21.7
A00-4199	25.0	BAR VV 112916	21.7
A04-36	25.0	PST-K10-106D	21.7
A04-38	25.0	PST-T10-18	21.7
A05-204	25.0	SRX 2758	21.7
A05-329	25.0	A04-74	20.0
A05-999	25.0	BAR VV 118532	20.0
A06-26	25.0	J-1136	20.0
AKB 2282	25.0	PICK 4340	20.0
BAR 12PP 612	25.0	A01-1106	18.3
BAR PP 119326	25.0	AMERICA	18.3
BARDUKE	25.0	BAR 8PP 504	18.3
BARON	25.0	BURL 06-11	18.3
BLACKJACK	25.0	KEENELAND (A04-342)	18.3
DPPP 818	25.0	LTP-08-6	18.3
EMPIRE	25.0	MIDNIGHT	18.3
KENBLUE	25.0	SUDDEN IMPACT	18.3
LEGEND (A10-1)	25.0	A00-2882	16.7
PICK MP07	25.0	AKB 2555	16.7
PICK TD8	25.0	ARROWHEAD	16.7
PICK TD9	25.0	BLUE NOTE	16.7
PP 10847	25.0	CABERNET	16.7
PPH 9131	25.0	A98-344	15.7
PST-07-261	25.0	A06-46	15.0
PST-K4-7	25.0	AWARD	15.0
PST-K9-90	25.0	J-1853	15.0
PST-K9-97	25.0	A05-361	13.3
PST-K9-99	25.0	BURL 3-51	13.3
RAD-1492	25.0	J-1770	10.0
RAD-507	25.0	NU CHICAGO	10.0
RAD-849	25.0	A05-TB-382	9.3
RUSH	25.0	SKYE	6.7
SHAMROCK	25.0	A03-1017	5.0
SRX 5321	25.0	PICK 033	5.0
THERMAL BLUE	25.0	SRX 466	5.0
ZINGER (A05-306)	25.0	A98-363	3.3
A05-315	23.3	BAR PP 110358	2.7
H99-1653	23.3	BAR VV 0709	0.0
PST-K4-3	23.3		
SRX 4338	23.3	LSD VALUE	9.4
AVID	22.7	C.V. (%)	29.1
A05-360	21.7		

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 34. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 AT RALEIGH, NC
 2012 DATA

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

NAME	JULY	AUG_3	AUG_15	MEAN
A04-74	9.0	9.0	8.7	8.9
J-1770	9.0	9.0	8.7	8.9
AWARD	9.0	8.7	8.7	8.8
BAR VV 0709	9.0	9.0	8.3	8.8
CABERNET	9.0	9.0	8.3	8.8
MIDNIGHT	9.0	8.7	8.7	8.8
SRX 2758	9.0	8.7	8.7	8.8
SRX 5321	9.0	9.0	8.3	8.8
A05-TB-382	9.0	9.0	8.0	8.7
ARROWHEAD	9.0	8.7	8.3	8.7
BAR 8PP 504	8.7	8.7	8.7	8.7
BLUE NOTE	9.0	8.7	8.3	8.7
H99-1653	9.0	8.7	8.3	8.7
J-1136	9.0	8.7	8.3	8.7
J-1853	9.0	8.7	8.3	8.7
SRX 466	8.7	8.7	8.7	8.7
AVID	9.0	8.3	8.3	8.6
BAR PP 110358	8.7	8.7	8.3	8.6
BURL 3-51	9.0	8.7	8.0	8.6
A00-2882	8.7	8.3	8.3	8.4
BAR PP 119327	8.7	8.7	8.0	8.4
BAR VV 118532	9.0	8.3	8.0	8.4
PICK 4340	9.0	8.3	8.0	8.4
PICK MP07	9.0	8.3	8.0	8.4
PST-K10-106D	9.0	8.3	8.0	8.4
SKYE	9.0	8.3	8.0	8.4
A05-999	9.0	8.3	7.7	8.3
A98-344	8.7	8.3	8.0	8.3
BAR VV 112916	8.3	8.3	8.3	8.3
PICK 033	9.0	8.0	8.0	8.3
PST-07-261	8.7	8.3	8.0	8.3
SRX 4338	8.7	8.7	7.7	8.3
A03-1017	8.7	8.0	8.0	8.2
A05-204	8.7	8.3	7.7	8.2
A98-363	8.7	8.3	7.7	8.2
BARON	9.0	8.0	7.7	8.2
NU CHICAGO	8.3	8.3	8.0	8.2
PICK TD8	9.0	8.0	7.7	8.2
PST-K4-3	8.7	8.0	8.0	8.2
PST-K9-99	9.0	8.0	7.7	8.2
RUSH	9.0	8.3	7.3	8.2
3733	8.7	8.0	7.7	8.1
A04-38	8.7	8.0	7.7	8.1
A05-360	9.0	8.0	7.3	8.1
EMPIRE	8.3	8.3	7.7	8.1

TABLE 34. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) AT RALEIGH, NC
2012 DATA

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

NAME	JULY	AUG_3	AUG_15	MEAN
KEENELAND (A04-342)	8.7	8.0	7.7	8.1
PST-T10-18	8.3	8.3	7.7	8.1
A01-1106	8.3	8.0	7.7	8.0
AMERICA	8.3	8.0	7.7	8.0
LTP-08-6	8.7	8.0	7.3	8.0
PPH 9131	8.7	8.0	7.3	8.0
PST-K4-7	9.0	8.0	7.0	8.0
PST-K9-97	8.3	8.0	7.7	8.0
SUDDEN IMPACT	8.3	8.0	7.7	8.0
A00-4199	8.7	8.0	7.0	7.9
A06-46	8.0	8.0	7.7	7.9
A06-47	8.3	7.7	7.7	7.9
AKB 2282	8.7	8.0	7.0	7.9
BAR PP 119326	8.3	8.0	7.3	7.9
BURL 06-11	9.0	7.7	7.0	7.9
LEGEND (A10-1)	9.0	7.7	7.0	7.9
RAD-849	8.3	8.0	7.3	7.9
A05-361	8.7	7.7	7.0	7.8
THERMAL BLUE	8.7	7.3	7.0	7.7
A04-36	7.7	7.7	7.3	7.6
A05-315	8.7	7.3	6.7	7.6
BARDUKE	8.0	7.7	7.0	7.6
PP 10847	8.3	7.3	7.0	7.6
4S2W	8.0	7.3	7.0	7.4
A05-329	8.7	7.0	6.7	7.4
A06-26	8.3	7.3	6.7	7.4
SHAMROCK	8.0	7.3	7.0	7.4
RAD-1492	8.0	7.3	6.7	7.3
RAD-507	8.0	7.0	7.0	7.3
AKB 2555	8.0	7.0	6.7	7.2
DPPP 818	8.0	7.0	6.3	7.1
ZINGER (A05-306)	7.7	7.0	6.0	6.9
KENBLUE	7.3	6.7	6.3	6.8
BAR 12PP 612	7.7	6.3	5.7	6.6
PST-K9-90	5.7	4.7	4.0	4.8
PICK TD9	4.7	4.3	4.0	4.3
BLACKJACK	3.7	3.0	3.0	3.2
LSD VALUE	1.0	1.5	1.5	1.2
C.V. (%)	7.4	11.2	11.9	9.1

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 35.

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

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

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

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

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

TABLE 36.

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

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

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

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

TABLE 37.

ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT LOGAN, UT
2012 DATA

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

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

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

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

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS */
 2012 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	4.2	0.0	EMPIRE	5.5	6.3
4S2W	5.5	25.0	H99-1653	5.9	37.5
A00-2882	5.9	50.0	J-1136	6.0	50.0
A00-4199	5.8	18.8	J-1770	6.1	50.0
A01-1106	5.9	37.5	J-1853	6.1	56.3
A03-1017	6.0	43.8	KEENELAND (A04-342)	6.3	81.3
A04-36	5.6	6.3	KENBLUE	5.1	6.3
A04-38	5.6	18.8	LEGEND (A10-1)	5.9	43.8
A04-74	5.5	18.8	LTP-08-6	5.8	43.8
A05-204	5.3	6.3	MIDNIGHT	6.1	50.0
A05-315	5.6	12.5	NU CHICAGO	6.0	43.8
A05-329	4.7	0.0	PICK 033	6.0	56.3
A05-360	6.0	43.8	PICK 4340	6.4	75.0
A05-361	5.7	18.8	PICK MP07	5.4	6.3
A05-999	5.5	6.3	PICK TD8	5.8	31.3
A05-TB-382	5.7	25.0	PICK TD9	4.9	6.3
A06-26	5.8	37.5	PP 10847	5.9	31.3
A06-46	6.2	62.5	PPH 9131	5.3	6.3
A06-47	5.4	12.5	PST-07-261	5.7	18.8
A98-344	5.7	31.3	PST-K10-106D	5.7	18.8
A98-363	5.6	18.8	PST-K4-3	5.4	0.0
AKB 2282	5.7	25.0	PST-K4-7	5.8	37.5
AKB 2555	4.5	0.0	PST-K9-90	5.3	0.0
AMERICA	5.4	12.5	PST-K9-97	4.8	6.3
ARROWHEAD	5.5	12.5	PST-K9-99	5.3	0.0
AVID	5.5	12.5	PST-T10-18	5.8	25.0
AWARD	5.1	12.5	RAD-1492	5.5	25.0
BAR 12PP 612	5.0	6.3	RAD-507	5.3	0.0
BAR 8PP 504	5.8	31.3	RAD-849	5.7	31.3
BAR PP 110358	5.9	31.3	RUSH	5.8	12.5
BAR PP 119326	5.5	18.8	SHAMROCK	5.3	12.5
BAR PP 119327	5.4	0.0	SKYE	6.1	43.8
BAR VV 0709	6.1	50.0	SRX 2758	5.9	43.8
BAR VV 112916	5.8	12.5	SRX 4338	6.3	75.0
BAR VV 118532	5.6	18.8	SRX 466	5.9	31.3
BARDUKE	5.3	0.0	SRX 5321	5.5	6.3
BARON	5.3	0.0	SUDDEN IMPACT	5.9	37.5
BLACKJACK	5.0	12.5	THERMAL BLUE	5.5	18.8
BLUE NOTE	6.1	62.5	ZINGER (A05-306)	5.4	12.5
BURL 06-11	5.6	18.8			
BURL 3-51	5.7	31.3	LSO VALUE	0.2	
CABERNET	5.4	0.0	C.V. (%)	10.2	
DPPP 818	5.3	0.0			

*/ 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.