

## 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>.

## 2007 NATIONAL BERMUDAGRASS TEST

### LOCATIONS SUBMITTING DATA FOR 2011

<u>State</u>	<u>Location</u>	<u>Code</u>
Arizona	Tucson	AZ1
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville (Traffic)	AR2
California	Riverside	CA3
Florida	Gainesville	FL1
Florida	Gainesville (Traffic)	FL2
Florida	Jay	FL3
Georgia	Griffin	GA1
Kentucky	Lexington	KY1
Mississippi	Miss. St.	MS1
New Mexico	Las Cruces (Saline)	NM1
North Carolina	Raleigh	NC1
North Carolina	Raleigh (Traffic)	NC2
Oklahoma	Stillwater	OK1
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4

## 2007 NATIONAL BERMUDAGRASS TEST

### Entries and Sponsors

Entry No.	Name	Type	Sponsor
* 1	Riviera	seeded	Standard entry
* 2	Princess 77	seeded	Standard entry
* 3	NuMex-Sahara	seeded	Standard entry
4	SWI-1070	seeded	Seeds West
5	SWI-1081	seeded	Seeds West
6	SWI-1083	seeded	Seeds West
7	SWI-1113	seeded	Seeds West
8	SWI-1117	seeded	Seeds West
9	SWI-1122	seeded	Seeds West
* 10	Midlawn	vegetative	Standard entry
* 11	Tifway	vegetative	Standard entry
12	Premier	vegetative	Standard entry
13	SWI-1057	seeded	Seeds West
14	BAR 7CD5	seeded	Barenbrug USA
* 15	Gold Glove (PST-R6FLT)	seeded	The Scotts Company
* 16	Sunspout	seeded	LESCO John Deere Landscapes
* 17	Patriot	vegetative	Oklahoma Ag. Expt. Station
* 18	Latitude 36 (OKC 1119)	vegetative	Oklahoma Ag. Expt. Station
* 19	NorthBridge (OKC 1134)	vegetative	Oklahoma Ag. Expt. Station
20	RAD-CD1	seeded	Desert Sun Marketing, Inc.
21	OKS 2004-2	seeded	Oklahoma Ag. Expt. Station
22	PSG 91215	seeded	Seed Research/Pickseed
23	PSG 94524	seeded	Pickseed USA
24	IS-01-201	seeded	DLF International Seeds
25	Pyramid 2 (IS-CD10)	seeded	DLF International Seeds
26	Hollywood (J-720)	seeded	Jacklin Seed by Simplot®
* 27	Yukon	seeded	Seed Research of Oregon
* 28	Veracruz	seeded	Seed Research/Pickseed
29	PSG 9BAN	seeded	Seed Research of Oregon
30	PSG PROK	seeded	Seed Research/Pickseed
31	PSG 9Y2OK	seeded	Seed Research of Oregon

\* COMMERCIALY AVAILABLE IN THE USA IN 2012.



TABLE A.

2011 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2007 NATIONAL BERMUDAGRASS 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
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
AR2	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
AZ1	SANDY LOAM	7.6-8.5	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
CA3	SANDY LOAM	7.1-7.5	0-60	0-150	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL1	SAND	6.6-7.0	-	-	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
FL2	SAND	6.6-7.0	-	-	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
FL3	-	-	-	-	-	-	-	-
GA1	SANDY LOAM	4.6-5.5	61-150	151-240	-	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	451+	376-500	2.1-3.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
MS1	SANDY LOAM	6.1-6.5	271-450	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NC1	SILTY CLAY AND CLAY	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NC2	SILTY CLAY AND CLAY	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NM1	LOAMY SAND	7.6-8.5	-	-	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
OK1	LOAM	6.6-7.0	0-60	241-375	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
VA1	SILTY CLAY AND CLAY	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
VA4	SANDY LOAM	4.6-5.5	61-150	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2011

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X				X	X	X
AR2															
AZ1				X	X	X	X	X	X	X	X	X	X	X	X
CA3				X	X	X	X	X	X	X	X		X	X	X
FL1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
FL2															
FL3				X	X	X	X	X	X	X			X		X
GA1			X	X	X	X	X	X	X	X	X	X	X	X	
KY1					X	X	X	X	X					X	
MS1				X	X	X	X	X	X	X	X		X	X	X
NC1					X	X	X	X	X	X			X	X	X
NC2															
NM1				X	X	X	X	X	X	X	X		X	X	
OK1				X	X	X	X	X	X	X			X	X	X
TN1				X	X	X	X	X	X	X	X		X		
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VA1					X	X	X	X	X	X				X	X
VA4					X	X	X	X	X	X			X	X	

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2011

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	POA ANNUA
AR1		X			X	X								
AR2														
AZ1	X	X	X	X	X	X		X	X	X	X	X	X	
CA3		X	X				X	X			X			X
FL1	X	X	X						X	X	X	X		
FL2														
FL3	X	X	X							X				
GA1		X		X				X	X	X	X	X	X	
KY1		X								X				
MS1		X		X						X			X	
NC1		X		X						X	X		X	
NC2														
NM1				X	X	X					X			
OK1		X								X	X		X	
TN1				X	X	X				X	X		X	
TX1	X	X	X									X		
VA1	X			X	X	X		X					X	
VA4														

TABLE B.  
(CONT'D)

LOCATIONS AND DATA COLLECTED IN 2011

LOCATION	CRABGRASS RATINGS	SCALPING RATINGS	SPRING DEAD SPOT	PERCENT SPRING DEAD SPOT	PERCENT RECOVERY FROM TRAFFIC 2010	
					APRIL	MAY
AR1						
AR2					X	X
AZ1						
CA3	X					
FL1						
* FL2						
FL3						
GA1						
KY1		X				
MS1						
NC1			X			
* NC2						
NM1						
OK1						
TN1				X		
TX1						
VA1						
VA4						

\* MORE TRAFFIC DATA FOR "FL2" AND "NC2" IN TABLE 4 AND 5.

TABLE 1A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
 GROWN AT EIGHT LOCATIONS IN THE U.S. FOR AMMI GROUP 1 \*\*/  
 2011 DATA

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

NAME	VA1	VA4	GA1	FL3	TN1	KY1	AR1	OK1	MEAN
* NORTHBRIDGE (OKC 1134)	7.2	7.0	7.3	7.1	7.4	7.8	7.5	7.3	7.3
* LATITUDE 36 (OKC 1119)	6.2	6.7	7.1	7.0	7.3	7.8	7.3	7.2	7.1
* PATRIOT	7.4	6.8	6.9	6.6	7.1	6.9	7.2	6.6	7.0
* TIFWAY	4.3	6.3	7.2	7.0	7.3	7.8	7.2	7.2	6.8
* YUKON	7.3	6.4	6.8	6.6	7.0	6.7	6.9	6.4	6.8
PREMIER	5.7	6.4	6.9	6.7	7.1	7.1	7.1	6.7	6.7
* RIVIERA	6.5	6.4	6.7	6.4	6.9	6.4	6.9	6.2	6.6
RAD-CD1	6.6	6.2	6.6	6.4	6.9	6.3	6.8	6.1	6.5
PSG 9Y2OK	6.9	5.6	6.4	6.5	6.9	6.9	6.4	6.1	6.4
* MIDLAWN	7.0	6.1	6.4	6.2	6.7	6.4	6.6	6.1	6.4
HOLLYWOOD (J-720)	5.6	6.0	6.7	6.5	7.0	6.2	6.8	6.0	6.4
OKS 2004-2	5.9	5.9	6.7	6.6	7.1	6.2	6.7	6.0	6.4
SWI-1113	4.0	5.9	6.7	6.6	7.0	6.5	6.8	6.2	6.2
SWI-1070	4.7	5.7	6.7	6.5	7.0	6.3	6.6	6.0	6.2
PSG PROK	5.3	5.4	6.4	6.4	6.8	6.2	6.3	5.7	6.1
PYRAMID 2 (IS-CD10)	5.2	5.8	6.4	6.2	6.7	5.9	6.5	5.8	6.1
BAR 7CD5	6.8	5.2	6.2	6.2	6.7	5.9	6.0	5.4	6.0
SWI-1122	4.8	5.5	6.4	6.3	6.8	6.0	6.4	5.7	6.0
SWI-1057	3.7	5.4	6.5	6.4	6.7	6.4	6.4	6.0	5.9
SWI-1083	4.2	5.7	6.5	6.3	6.8	5.7	6.5	5.7	5.9
SWI-1081	4.6	5.5	6.4	6.3	6.8	5.7	6.4	5.6	5.9
* PRINCESS 77	2.9	5.6	6.6	6.4	6.8	6.1	6.6	6.0	5.9
PSG 9BAN	4.4	5.1	6.5	6.5	7.0	5.7	6.2	5.4	5.8
* VERACRUZ	3.3	5.2	6.4	6.3	6.7	6.2	6.3	5.8	5.8
* GOLD GLOVE (PST-R6FLT)	3.4	5.6	6.4	6.1	6.7	5.3	6.4	5.5	5.7
SWI-1117	3.6	5.3	6.1	5.8	6.3	5.3	6.1	5.3	5.5
PSG 94524	4.2	4.8	6.0	5.9	6.4	5.5	5.8	5.1	5.5
IS-01-201	3.3	5.2	6.1	5.8	6.3	5.3	6.0	5.3	5.4
PSG 91215	3.9	4.6	6.0	5.9	6.4	5.5	5.7	5.1	5.4
* SUNSPORT	4.1	4.8	6.0	5.8	6.4	5.2	5.8	5.0	5.4
* NUMEX-SAHARA	3.6	4.6	5.9	5.7	6.3	4.7	5.6	4.7	5.2
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	8.9	7.9	6.9	7.1	6.6	7.3	6.9	7.6	7.3

\* COMMERCIALY AVAILABLE IN THE USA IN 2012.

\*\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO [WWW.NTEP.OR/AMMI\\_Q&A.PDF](http://WWW.NTEP.OR/AMMI_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 1B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
GROWN AT EIGHT LOCATIONS IN THE U.S. FOR AMMI GROUP 1 \*/  
2011 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA1	VA4	GA1	FL3	TN1	KY1	AR1	OK1	MEAN
YUKON	7.3	6.4	6.8	6.6	7.0	6.7	6.9	6.4	6.8
RIVIERA	6.5	6.4	6.7	6.4	6.9	6.4	6.9	6.2	6.6
RAD-CD1	6.6	6.2	6.6	6.4	6.9	6.3	6.8	6.1	6.5
PSG 9Y2OK	6.9	5.6	6.4	6.5	6.9	6.9	6.4	6.1	6.4
HOLLYWOOD (J-720)	5.6	6.0	6.7	6.5	7.0	6.2	6.8	6.0	6.4
OKS 2004-2	5.9	5.9	6.7	6.6	7.1	6.2	6.7	6.0	6.4
SWI-1113	4.0	5.9	6.7	6.6	7.0	6.5	6.8	6.2	6.2
SWI-1070	4.7	5.7	6.7	6.5	7.0	6.3	6.6	6.0	6.2
PSG PROK	5.3	5.4	6.4	6.4	6.8	6.2	6.3	5.7	6.1
PYRAMID 2 (IS-CD10)	5.2	5.8	6.4	6.2	6.7	5.9	6.5	5.8	6.1
BAR 7CD5	6.8	5.2	6.2	6.2	6.7	5.9	6.0	5.4	6.0
SWI-1122	4.8	5.5	6.4	6.3	6.8	6.0	6.4	5.7	6.0
SWI-1057	3.7	5.4	6.5	6.4	6.7	6.4	6.4	6.0	5.9
SWI-1083	4.2	5.7	6.5	6.3	6.8	5.7	6.5	5.7	5.9
SWI-1081	4.6	5.5	6.4	6.3	6.8	5.7	6.4	5.6	5.9
PRINCESS 77	2.9	5.6	6.6	6.4	6.8	6.1	6.6	6.0	5.9
PSG 9BAN	4.4	5.1	6.5	6.5	7.0	5.7	6.2	5.4	5.8
VERACRUZ	3.3	5.2	6.4	6.3	6.7	6.2	6.3	5.8	5.8
GOLD GLOVE (PST-R6FLT)	3.4	5.6	6.4	6.1	6.7	5.3	6.4	5.5	5.7
SWI-1117	3.6	5.3	6.1	5.8	6.3	5.3	6.1	5.3	5.5
PSG 94524	4.2	4.8	6.0	5.9	6.4	5.5	5.8	5.1	5.5
IS-01-201	3.3	5.2	6.1	5.8	6.3	5.3	6.0	5.3	5.4
PSG 91215	3.9	4.6	6.0	5.9	6.4	5.5	5.7	5.1	5.4
SUNSPORT	4.1	4.8	6.0	5.8	6.4	5.2	5.8	5.0	5.4
NUMEX-SAHARA	3.6	4.6	5.9	5.7	6.3	4.7	5.6	4.7	5.2
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	9.5	8.2	7.0	7.2	6.7	7.6	7.1	7.9	7.6

TABLE 1C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
GROWN AT EIGHT LOCATIONS IN THE U.S. FOR AMMI GROUP 1 \*/  
2011 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA1	VA4	GA1	FL3	TN1	KY1	AR1	OK1	MEAN
NORTHBRIDGE (OKC 1134)	7.2	7.0	7.3	7.1	7.4	7.8	7.5	7.3	7.3
LATITUDE 36 (OKC 1119)	6.2	6.7	7.1	7.0	7.3	7.8	7.3	7.2	7.1
PATRIOT	7.4	6.8	6.9	6.6	7.1	6.9	7.2	6.6	7.0
TIFWAY	4.3	6.3	7.2	7.0	7.3	7.8	7.2	7.2	6.8
PREMIER	5.7	6.4	6.9	6.7	7.1	7.1	7.1	6.7	6.7
MIDLAWN	7.0	6.1	6.4	6.2	6.7	6.4	6.6	6.1	6.4
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	7.1	6.9	6.5	6.6	6.3	6.2	6.3	6.6	6.5

\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO [WWW.NTEP.OR/AMMI\\_Q&A.PDF](http://WWW.NTEP.OR/AMMI_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 2A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
GROWN AT SIX LOCATIONS IN THE U.S. FOR AMMI GROUP 2 \*/  
2011 DATA

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

NAME	NC1	FL1	MS1	TX1	AZ1	CA3	MEAN
TIFWAY	8.2	6.3	7.0	5.7	7.6	6.4	6.9
LATITUDE 36 (OKC 1119)	8.2	6.0	6.8	5.5	7.5	6.2	6.7
NORTHBRIDGE A101(OKC 1134)	8.2	6.0	6.8	5.4	7.4	6.1	6.6
PREMIER	7.6	5.7	6.3	5.0	6.8	5.2	6.1
PATRIOT	7.5	5.5	6.0	4.7	6.5	4.6	5.8
PSG 9Y20K	5.9	5.4	6.1	4.8	6.6	5.8	5.8
SWI-1113	6.8	5.7	6.2	4.9	6.3	4.7	5.8
SWI-1057	6.4	5.6	6.1	4.9	6.3	5.0	5.7
YUKON	6.8	5.4	6.0	4.7	6.4	4.8	5.7
SWI-1070	6.1	5.6	6.1	4.8	6.1	4.7	5.6
PRINCESS 77	6.5	5.7	6.0	4.8	6.0	4.2	5.5
VERACRUZ	6.0	5.5	6.0	4.7	6.1	4.7	5.5
RIVIERA	6.9	5.3	5.7	4.5	6.0	4.1	5.4
HOLLYWOOD (J-720)	6.2	5.5	5.9	4.7	5.9	4.2	5.4
OKS 2004-2	5.9	5.5	5.9	4.7	6.0	4.4	5.4
RAD-CD1	6.3	5.3	5.8	4.5	6.0	4.3	5.4
MIDLAWN	6.6	5.1	5.6	4.3	6.1	4.5	5.4
PSG PROK	5.5	5.4	5.9	4.6	6.0	4.8	5.4
SWI-1122	5.7	5.4	5.8	4.5	5.8	4.3	5.3
PSG 9BAN	4.7	5.6	5.9	4.7	5.6	4.4	5.1
PYRAMID 2 (IS-CD10)	6.1	5.2	5.5	4.3	5.6	3.8	5.1
SWI-1083	6.0	5.4	5.6	4.4	5.4	3.4	5.0
SWI-1081	5.5	5.3	5.6	4.4	5.5	3.8	5.0
BAR 7CD5	4.5	5.1	5.5	4.3	5.6	4.6	4.9
PSG 91215	4.6	5.1	5.5	4.2	5.4	4.3	4.8
GOLD GLOVE (PST-R6FLT)	5.9	5.3	5.4	4.2	5.1	3.0	4.8
PSG 94524	4.8	5.0	5.4	4.1	5.3	4.0	4.8
IS-01-201	5.7	5.0	5.2	4.0	5.2	3.3	4.7
SWI-1117	5.7	4.9	5.2	3.9	5.1	3.0	4.6
SUNSPORT	4.7	4.9	5.2	4.0	5.1	3.6	4.6
NUMEX-SAHARA	4.1	4.8	5.0	3.8	4.6	3.0	4.2
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	7.4	8.3	7.7	9.8	7.5	10.2	8.4

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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 2B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
 GROWN AT SIX LOCATIONS IN THE U.S. FOR AMMI GROUP 2 \*/  
 2011 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NC1	FL1	MS1	TX1	AZ1	CA3	MEAN
PSG 9Y20K	5.9	5.4	6.1	4.8	6.6	5.8	5.8
SWI-1113	6.8	5.7	6.2	4.9	6.3	4.7	5.8
SWI-1057	6.4	5.6	6.1	4.9	6.3	5.0	5.7
YUKON	6.8	5.4	6.0	4.7	6.4	4.8	5.7
SWI-1070	6.1	5.6	6.1	4.8	6.1	4.7	5.6
PRINCESS 77	6.5	5.7	6.0	4.8	6.0	4.2	5.5
VERACRUZ	6.0	5.5	6.0	4.7	6.1	4.7	5.5
RIVIERA	6.9	5.3	5.7	4.5	6.0	4.1	5.4
HOLLYWOOD (J-720)	6.2	5.5	5.9	4.7	5.9	4.2	5.4
OKS 2004-2	5.9	5.5	5.9	4.7	6.0	4.4	5.4
RAD-CD1	6.3	5.3	5.8	4.5	6.0	4.3	5.4
PSG PROK	5.5	5.4	5.9	4.6	6.0	4.8	5.4
SWI-1122	5.7	5.4	5.8	4.5	5.8	4.3	5.3
PSG 9BAN	4.7	5.6	5.9	4.7	5.6	4.4	5.1
PYRAMID 2 (IS-CD10)	6.1	5.2	5.5	4.3	5.6	3.8	5.1
SWI-1083	6.0	5.4	5.6	4.4	5.4	3.4	5.0
SWI-1081	5.5	5.3	5.6	4.4	5.5	3.8	5.0
BAR 7CD5	4.5	5.1	5.5	4.3	5.6	4.6	4.9
PSG 91215	4.6	5.1	5.5	4.2	5.4	4.3	4.8
GOLD GLOVE (PST-R6FLT)	5.9	5.3	5.4	4.2	5.1	3.0	4.8
PSG 94524	4.8	5.0	5.4	4.1	5.3	4.0	4.8
IS-01-201	5.7	5.0	5.2	4.0	5.2	3.3	4.7
SWI-1117	5.7	4.9	5.2	3.9	5.1	3.0	4.6
SUNSPORT	4.7	4.9	5.2	4.0	5.1	3.6	4.6
NUMEX-SAHARA	4.1	4.8	5.0	3.8	4.6	3.0	4.2
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	7.8	8.5	7.9	10.1	7.9	10.8	8.7

TABLE 2C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
 GROWN AT SIX LOCATIONS IN THE U.S. FOR AMMI GROUP 2 \*/  
 2011 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NC1	FL1	MS1	TX1	AZ1	CA3	MEAN
TIFWAY	8.2	6.3	7.0	5.7	7.6	6.4	6.9
LATITUDE 36 (OKC 1119)	8.2	6.0	6.8	5.5	7.5	6.2	6.7
NORTHBRIDGE (OKC 1134)	8.2	6.0	6.8	5.4	7.4	6.1	6.6
PREMIER	7.6	5.7	6.3	5.0	6.8	5.2	6.1
PATRIOT	7.5	5.5	6.0	4.7	6.5	4.6	5.8
MIDLAWN	6.6	5.1	5.6	4.3	6.1	4.5	5.4
LSD VALUE	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)	5.8	7.8	7.0	8.8	6.5	8.2	7.2

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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 3A. PERCENT RECOVERY RATINGS FROM 2010 TRAFFIC OF BERMUDAGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 2/  
2011 DATA

NAME	PERCENT RECOVERY RATINGS FROM TRAFFIC IN FALL 2010		
	APRIL	MAY	MEAN
NORTHBRIDGE (OKC 1134)	37.0	74.3	55.7
YUKON	36.7	67.3	52.0
LATITUDE 36 (OKC 1119)	24.3	75.3	49.8
PATRIOT	32.3	65.0	48.7
GOLD GLOVE (PST-R6FLT)	27.0	65.0	46.0
SWI-1122	32.0	59.7	45.8
TIFWAY	20.3	69.0	44.7
IS-01-201	27.3	61.3	44.3
RAD-CD1	22.0	65.7	43.8
PREMIER	24.7	62.7	43.7
PYRAMID 2 (IS-CD10)	23.0	64.3	43.7
HOLLYWOOD (J-720)	26.7	59.7	43.2
BAR 7CD5	22.3	62.7	42.5
SWI-1070	25.0	58.0	41.5
SWI-1113	19.7	63.3	41.5
OKS 2004-2	28.0	54.0	41.0
PSG PROK	17.3	64.7	41.0
PSG 9Y20K	34.7	46.0	40.3
RIVIERA	23.7	56.3	40.0
SWI-1057	18.3	61.3	39.8
PSG 91215	23.7	53.0	38.3
SWI-1117	22.7	51.3	37.0
SUNSPORT	14.3	57.7	36.0
PSG 9BAN	17.3	52.3	34.8
MIDLAWN	16.0	53.3	34.7
NUMEX-SAHARA	13.7	55.7	34.7
SWI-1081	15.7	53.0	34.3
PRINCESS 77	10.7	57.3	34.0
PSG 94524	11.3	54.3	32.8
SWI-1083	12.7	44.0	28.3
VERACRUZ	4.0	51.3	27.7
LSD VALUE	12.7	25.2	16.2
C.V. (%)	33.1	17.2	19.0

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

TABLE 3B. PERCENT RECOVERY RATINGS FROM 2010 TRAFFIC OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 2/  
2011 DATA

NAME	PERCENT RECOVERY RATINGS FROM TRAFFIC IN FALL 2010		
	APRIL	MAY	MEAN
YUKON	36.7	67.3	52.0
GOLD GLOVE (PST-R6FLT)	27.0	65.0	46.0
SWI-1122	32.0	59.7	45.8
IS-01-201	27.3	61.3	44.3
RAD-CD1	22.0	65.7	43.8
PYRAMID 2 (IS-CD10)	23.0	64.3	43.7
HOLLYWOOD (J-720)	26.7	59.7	43.2
BAR 7CD5	22.3	62.7	42.5
SWI-1070	25.0	58.0	41.5
SWI-1113	19.7	63.3	41.5
OKS 2004-2	28.0	54.0	41.0
PSG PROK	17.3	64.7	41.0
PSG 9Y2OK	34.7	46.0	40.3
RIVIERA	23.7	56.3	40.0
SWI-1057	18.3	61.3	39.8
PSG 91215	23.7	53.0	38.3
SWI-1117	22.7	51.3	37.0
SUNSPORT	14.3	57.7	36.0
PSG 9BAN	17.3	52.3	34.8
NUMEX-SAHARA	13.7	55.7	34.7
SWI-1081	15.7	53.0	34.3
PRINCESS 77	10.7	57.3	34.0
PSG 94524	11.3	54.3	32.8
SWI-1083	12.7	44.0	28.3
VERACRUZ	4.0	51.3	27.7
LSD VALUE	12.9	31.5	19.4
C.V. (%)	34.6	18.0	19.9

TABLE 3C. PERCENT RECOVERY RATINGS FROM 2010 TRAFFIC OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 2/  
2011 DATA

NAME	PERCENT RECOVERY RATINGS FROM TRAFFIC IN FALL 2010		
	APRIL	MAY	MEAN
NORTHBRIDGE (OKC 1134)	37.0	74.3	55.7
LATITUDE 36 (OKC 1119)	24.3	75.3	49.8
PATRIOT	32.3	65.0	48.7
TIFWAY	20.3	69.0	44.7
PREMIER	24.7	62.7	43.7
MIDLAWN	16.0	53.3	34.7
LSD VALUE	14.6	20.0	15.0
C.V. (%)	28.1	14.1	15.6

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

TABLE 4A. PERCENT LIVING GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS 1/  
 GROWN UNDER TRAFFIC STRESS AT GAINESVILLE, FL 2/  
 2011 DATA

NAME	BEFORE	JUST FOLLOWING WEAR			RECOVERY AFTER WEAR	
	WEAR NOV_8	NOV_10	NOV_18	NOV_22	DEC_9	DEC_16
VERACRUZ	94.7	90.0	88.3	76.7	78.3	80.0
PRINCESS 77	93.0	85.0	78.3	71.7	76.7	76.7
SWI-1070	93.3	83.3	80.0	75.0	73.3	76.7
SWI-1057	95.0	88.3	83.3	75.0	73.3	75.0
PSG 9Y2OK	88.3	81.7	76.7	71.7	68.3	73.3
TIFWAY	93.3	91.7	81.7	76.7	68.3	71.7
RAD-CD1	91.7	78.3	75.0	66.7	70.0	70.0
RIVIERA	86.7	78.3	70.0	63.3	66.7	68.3
PREMIER	93.0	81.7	78.3	70.0	60.0	66.7
PSG PROK	88.3	80.0	70.0	66.7	63.3	65.0
PYRAMID 2 (IS-CD10)	75.0	70.0	68.3	56.7	63.3	65.0
SWI-1113	91.7	78.3	66.7	63.3	60.0	65.0
YUKON	90.0	80.0	71.7	63.3	65.0	63.3
OKS 2004-2	88.3	80.0	70.0	50.0	65.0	61.7
LATITUDE 36 (OKC 1119)	93.3	86.7	80.0	73.3	63.3	58.3
SWI-1083	81.7	73.3	71.7	58.3	61.7	56.7
NORTHBRIDGE (OKC 1134)	91.7	86.7	76.7	68.3	58.3	55.0
SWI-1122	80.0	66.7	66.7	56.7	58.3	55.0
BAR 7CD5	80.0	73.3	66.7	55.0	58.3	53.3
IS-01-201	83.3	75.0	61.7	51.7	50.0	53.3
PSG 9BAN	85.0	71.7	61.7	60.0	53.3	53.3
MIDLAWN	75.0	68.3	50.0	48.3	53.3	51.7
SWI-1081	86.7	78.3	65.0	50.0	55.0	51.7
SWI-1117	75.0	58.3	56.7	53.3	43.3	50.0
HOLLYWOOD (J-720)	88.3	76.7	58.3	51.7	46.7	46.7
GOLD GLOVE (PST-R6FLT)	70.0	66.7	41.7	58.3	45.0	45.0
PSG 94524	66.7	58.3	53.3	50.0	41.7	36.7
PSG 91215	80.0	70.0	55.0	40.0	35.0	35.0
SUNSPORT	65.0	56.7	43.3	40.0	30.0	33.3
PATRIOT	80.0	60.0	60.0	50.0	30.0	30.0
NUMEX-SAHARA	56.7	51.7	33.3	30.0	26.7	23.3
LSD VALUE	18.2	15.9	20.5	18.2	17.5	21.5
C.V. (%)	11.6	11.9	17.3	17.2	17.8	21.0

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 4B. PERCENT LIVING GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT GAINESVILLE, FL 2/  
2011 DATA

NAME	BEFORE	JUST FOLLOWING WEAR			RECOVERY AFTER WEAR	
	WEAR NOV_8	NOV_10	NOV_18	NOV_22	DEC_9	DEC_16
VERACRUZ	94.7	90.0	88.3	76.7	78.3	80.0
PRINCESS 77	93.0	85.0	78.3	71.7	76.7	76.7
SWI-1070	93.3	83.3	80.0	75.0	73.3	76.7
SWI-1057	95.0	88.3	83.3	75.0	73.3	75.0
PSG 9Y2OK	88.3	81.7	76.7	71.7	68.3	73.3
RAD-CD1	91.7	78.3	75.0	66.7	70.0	70.0
RIVIERA	86.7	78.3	70.0	63.3	66.7	68.3
PSG PROK	88.3	80.0	70.0	66.7	63.3	65.0
PYRAMID 2 (IS-CD10)	75.0	70.0	68.3	56.7	63.3	65.0
SWI-1113	91.7	78.3	66.7	63.3	60.0	65.0
YUKON	90.0	80.0	71.7	63.3	65.0	63.3
OKS 2004-2	88.3	80.0	70.0	50.0	65.0	61.7
SWI-1083	81.7	73.3	71.7	58.3	61.7	56.7
SWI-1122	80.0	66.7	66.7	56.7	58.3	55.0
BAR 7CD5	80.0	73.3	66.7	55.0	58.3	53.3
IS-01-201	83.3	75.0	61.7	51.7	50.0	53.3
PSG 9BAN	85.0	71.7	61.7	60.0	53.3	53.3
SWI-1081	86.7	78.3	65.0	50.0	55.0	51.7
SWI-1117	75.0	58.3	56.7	53.3	43.3	50.0
HOLLYWOOD (J-720)	88.3	76.7	58.3	51.7	46.7	46.7
GOLD GLOVE (PST-R6FLT)	70.0	66.7	41.7	58.3	45.0	45.0
PSG 94524	66.7	58.3	53.3	50.0	41.7	36.7
PSG 91215	80.0	70.0	55.0	40.0	35.0	35.0
SUNSPORT	65.0	56.7	43.3	40.0	30.0	33.3
NUMEX-SAHARA	56.7	51.7	33.3	30.0	26.7	23.3
LSD VALUE	18.7	16.8	21.7	19.2	16.4	19.6
C.V. (%)	12.2	12.7	18.6	18.4	17.5	20.3

TABLE 4C. PERCENT LIVING GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT GAINESVILLE, FL 2/  
2011 DATA

NAME	BEFORE	JUST FOLLOWING WEAR			RECOVERY AFTER WEAR	
	WEAR NOV_8	NOV_10	NOV_18	NOV_22	DEC_9	DEC_16
TIFWAY	93.3	91.7	81.7	76.7	68.3	71.7
PREMIER	93.0	81.7	78.3	70.0	60.0	66.7
LATITUDE 36 (OKC 1119)	93.3	86.7	80.0	73.3	63.3	58.3
NORTHBRIDGE (OKC 1134)	91.7	86.7	76.7	68.3	58.3	55.0
MIDLAWN	75.0	68.3	50.0	48.3	53.3	51.7
PATRIOT	80.0	60.0	60.0	50.0	30.0	30.0
LSD VALUE	18.3	15.6	18.8	18.3	26.7	32.7
C.V. (%)	8.4	8.4	11.5	12.0	17.6	21.3

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

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

TABLE 5A.

WEAR TOLERANCE AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/  
2011 DATA

WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SHEAR (N.M)	WEAR TOLERANCE JULY_16	WEAR TOLERANCE JULY_22	WEAR TOLERANCE JULY_29	WEAR TOLERANCE AUG_5	WEAR TOLERANCE AUG_20	WEAR TOLERANCE AUG_23	WEAR TOLERANCE AUG_30	WEAR TOLERANCE MEAN
TIFWAY	81.7	7.3	7.3	8.0	8.7	7.0	7.3	7.7	7.6
LATITUDE 36 (OKC 1119)	82.7	6.3	7.3	8.0	8.7	7.0	7.3	7.7	7.5
NORTHBRIDGE (OKC 1134)	118.3	6.7	7.7	8.0	8.7	7.0	7.0	7.3	7.5
YUKON	87.3	7.0	7.3	8.0	8.0	6.7	6.3	7.0	7.2
PSG 9Y20K	85.7	7.0	7.0	7.7	7.7	6.3	6.3	7.0	7.0
RAD-CD1	70.3	6.7	7.0	7.7	8.0	6.7	6.3	6.7	7.0
SWI-1122	80.7	6.7	7.0	7.7	8.0	6.3	6.0	6.3	6.9
MIDLAWN	60.3	6.7	6.7	7.0	7.7	6.3	6.3	6.7	6.8
PATRIOT	77.3	6.0	6.3	7.0	7.7	6.7	6.7	7.0	6.8
SWI-1113	75.7	6.0	6.7	7.0	8.0	6.3	6.3	7.0	6.8
SWI-1117	66.7	6.7	6.7	7.0	7.3	6.7	6.3	7.0	6.8
BAR 7CD5	67.7	6.3	6.7	7.3	7.7	6.3	6.0	6.7	6.7
PRINCESS 77	77.7	6.3	6.3	7.3	7.7	6.3	6.3	6.7	6.7
PYRAMID 2 (IS-CD10)	75.3	6.0	7.0	7.7	8.0	6.0	6.0	6.3	6.7
PREMIER	89.3	6.0	6.7	7.0	7.7	6.0	6.0	6.7	6.6
SWI-1083	85.0	6.7	7.0	7.3	7.7	6.0	5.3	6.3	6.6
VERACRUZ	76.7	6.0	6.3	7.3	7.7	6.0	6.3	6.3	6.6
RIVIERA	85.7	6.0	6.3	7.0	7.7	6.0	6.0	6.7	6.5
SWI-1057	99.3	6.3	6.7	7.7	7.7	5.7	5.7	5.7	6.5
SWI-1070	88.0	6.0	6.3	7.0	7.7	6.0	6.0	6.7	6.5
OKS 2004-2	101.7	6.0	6.3	7.0	7.7	5.7	6.0	6.0	6.4
HOLLYWOOD (J-720)	87.3	5.7	6.0	7.0	7.7	6.0	5.7	6.0	6.3
IS-01-201	93.7	6.0	6.0	7.0	7.7	5.7	5.7	6.0	6.3
PSG PROK	93.3	5.7	6.3	7.3	7.7	5.7	5.7	6.0	6.3
SUNSPORT	72.3	6.0	6.0	7.0	7.0	6.0	6.0	6.0	6.3
NUMEX-SAHARA	77.3	6.0	6.0	7.0	7.3	5.7	5.3	5.7	6.1
GOLD GLOVE (PST-R6FLT)	79.0	5.7	6.0	6.3	7.0	6.0	5.0	5.7	6.0
PSG 91215	77.0	5.3	6.3	6.7	7.3	5.3	5.0	5.0	5.9
SWI-1081	88.7	5.3	5.0	6.0	7.0	5.3	5.7	5.7	5.7
PSG 94524	90.7	4.3	5.0	6.0	7.0	5.0	5.0	5.3	5.4
PSG 9BAN	68.0	4.7	4.7	5.7	6.7	4.3	4.3	4.3	5.0
LSD VALUE	31.6	1.1	2.0	1.7	1.3	1.1	1.1	1.4	1.1
C.V. (%)	17.6	10.2	13.6	10.6	7.8	9.9	10.7	12.1	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 5B.

WEAR TOLERANCE AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/  
2011 DATA  
WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SHEAR (N.M)	WEAR TOLERANCE JULY_16	WEAR TOLERANCE JULY_22	WEAR TOLERANCE JULY_29	WEAR TOLERANCE AUG_5	WEAR TOLERANCE AUG_20	WEAR TOLERANCE AUG_23	WEAR TOLERANCE AUG_30	WEAR TOLERANCE MEAN
YUKON	87.3	7.0	7.3	8.0	8.0	6.7	6.3	7.0	7.2
PSG 9Y20K	85.7	7.0	7.0	7.7	7.7	6.3	6.3	7.0	7.0
RAD-CD1	70.3	6.7	7.0	7.7	8.0	6.7	6.3	6.7	7.0
SWI-1122	80.7	6.7	7.0	7.7	8.0	6.3	6.0	6.3	6.9
SWI-1113	75.7	6.0	6.7	7.0	8.0	6.3	6.3	7.0	6.8
SWI-1117	66.7	6.7	6.7	7.0	7.3	6.7	6.3	7.0	6.8
BAR 7CD5	67.7	6.3	6.7	7.3	7.7	6.3	6.0	6.7	6.7
PRINCESS 77	77.7	6.3	6.3	7.3	7.7	6.3	6.3	6.7	6.7
PYRAMID 2 (IS-CD10)	75.3	6.0	7.0	7.7	8.0	6.0	6.0	6.3	6.7
SWI-1083	85.0	6.7	7.0	7.3	7.7	6.0	5.3	6.3	6.6
VERACRUZ	76.7	6.0	6.3	7.3	7.7	6.0	6.3	6.3	6.6
RIVIERA	85.7	6.0	6.3	7.0	7.7	6.0	6.0	6.7	6.5
SWI-1057	99.3	6.3	6.7	7.7	7.7	5.7	5.7	5.7	6.5
SWI-1070	88.0	6.0	6.3	7.0	7.7	6.0	6.0	6.7	6.5
OKS 2004-2	101.7	6.0	6.3	7.0	7.7	5.7	6.0	6.0	6.4
HOLLYWOOD (J-720)	87.3	5.7	6.0	7.0	7.7	6.0	5.7	6.0	6.3
IS-01-201	93.7	6.0	6.0	7.0	7.7	5.7	5.7	6.0	6.3
PSG PROK	93.3	5.7	6.3	7.3	7.7	5.7	5.7	6.0	6.3
SUNSPORT	72.3	6.0	6.0	7.0	7.0	6.0	6.0	6.0	6.3
NUMEX-SAHARA	77.3	6.0	6.0	7.0	7.3	5.7	5.3	5.7	6.1
GOLD GLOVE (PST-R6FLT)	79.0	5.7	6.0	6.3	7.0	6.0	5.0	5.7	6.0
PSG 91215	77.0	5.3	6.3	6.7	7.3	5.3	5.0	5.0	5.9
SWI-1081	88.7	5.3	5.0	6.0	7.0	5.3	5.7	5.7	5.7
PSG 94524	90.7	4.3	5.0	6.0	7.0	5.0	5.0	5.3	5.4
PSG 9BAN	68.0	4.7	4.7	5.7	6.7	4.3	4.3	4.3	5.0
LSD VALUE	38.2	1.0	1.9	1.7	1.5	1.4	1.5	1.7	1.2
C.V. (%)	17.5	9.9	13.3	10.6	7.5	11.1	11.6	12.9	9.2

TABLE 5C.

WEAR TOLERANCE AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/  
2011 DATA  
WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SHEAR (N.M)	WEAR TOLERANCE JULY_16	WEAR TOLERANCE JULY_22	WEAR TOLERANCE JULY_29	WEAR TOLERANCE AUG_5	WEAR TOLERANCE AUG_20	WEAR TOLERANCE AUG_23	WEAR TOLERANCE AUG_30	WEAR TOLERANCE MEAN
TIFWAY	81.7	7.3	7.3	8.0	8.7	7.0	7.3	7.7	7.6
LATITUDE 36 (OKC 1119)	82.7	6.3	7.3	8.0	8.7	7.0	7.3	7.7	7.5
NORTHBRIDGE (OKC 1134)	118.3	6.7	7.7	8.0	8.7	7.0	7.0	7.3	7.5
MIDLAWN	60.3	6.7	6.7	7.0	7.7	6.3	6.3	6.7	6.8
PATRIOT	77.3	6.0	6.3	7.0	7.7	6.7	6.7	7.0	6.8
PREMIER	89.3	6.0	6.7	7.0	7.7	6.0	6.0	6.7	6.6
LSD VALUE	32.8	1.0	2.3	1.9	1.7	0.6	1.0	1.0	1.1
C.V. (%)	19.5	7.4	13.6	10.9	9.2	4.7	7.5	6.7	7.2

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

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

TABLE 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS  
GROWN UNDER SALINE STRESS AT LAS CRUCES, NM 1/  
2011 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER					QUALITY RATINGS					MEAN		
			PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV
TIFWAY	8.3	1.0	36.0	99.0	97.7	6.0	6.0	6.0	6.3	8.7	7.7	6.7	8.0	6.7	7.0
SWI-1113	8.0	1.0	51.3	99.0	99.0	2.7	5.0	6.7	7.7	8.0	7.7	7.0	8.0	4.0	6.8
LATITUDE 36 (OKC 1119)	7.7	1.0	47.7	99.0	94.7	2.3	5.7	6.0	6.0	7.7	7.0	8.3	8.3	4.3	6.7
PRINCESS 77	8.0	1.0	37.3	99.0	99.0	3.3	4.7	5.7	6.3	8.0	8.0	8.0	8.7	3.7	6.6
BAR 7CD5	7.7	1.3	70.0	99.0	98.7	2.0	5.7	6.0	6.3	7.3	7.3	7.3	7.3	3.7	6.4
PSG 9Y20K	8.0	2.3	63.3	99.0	98.7	1.0	6.3	5.3	6.3	7.0	7.3	8.0	7.7	3.0	6.4
NORTHBRIDGE (OKC 1134)	7.0	1.0	67.7	98.3	99.0	1.3	6.3	6.0	6.7	6.7	6.3	7.3	7.7	3.3	6.3
SWI-1057	8.0	1.0	41.3	98.7	98.3	2.7	4.0	4.7	6.7	7.0	7.3	7.7	7.3	3.7	6.0
PSG PROK	7.3	2.0	58.3	99.0	98.0	1.0	5.7	5.3	5.0	6.3	6.3	7.7	7.7	3.3	5.9
SWI-1122	7.3	1.0	50.0	99.0	98.3	1.7	5.3	5.0	5.7	6.7	7.0	6.7	8.0	3.0	5.9
OKS 2004-2	7.3	1.7	54.7	99.0	98.0	1.3	5.0	4.3	5.0	6.3	6.7	7.3	7.7	4.0	5.8
SWI-1070	8.0	1.0	32.0	99.0	99.0	1.7	4.0	4.0	5.7	7.7	7.7	7.3	7.0	3.3	5.8
YUKON	8.0	2.0	69.7	99.0	98.3	1.0	6.7	5.0	5.3	6.0	6.0	7.3	6.7	3.7	5.8
PSG 9BAN	7.3	2.3	52.0	98.7	99.0	1.0	6.0	4.3	5.0	6.0	6.0	7.0	7.3	3.0	5.6
IS-01-201	6.7	1.0	32.0	88.7	81.3	1.3	4.7	4.7	5.3	6.0	6.7	6.3	6.3	3.7	5.5
RIVIERA	6.3	1.3	58.3	94.0	97.3	2.3	5.0	4.7	5.7	5.3	6.0	6.7	7.0	3.3	5.5
VERACRUZ	7.7	1.0	39.0	97.3	94.0	1.0	4.3	4.0	5.3	6.7	7.0	6.7	6.7	3.3	5.5
PYRAMID 2 (IS-CD10)	6.3	1.0	31.0	78.7	81.7	1.0	5.3	4.7	5.7	6.0	6.3	6.3	6.0	3.0	5.4
NUMEX-SAHARA	6.7	1.3	34.3	98.7	98.0	1.3	4.3	4.3	4.7	6.0	6.0	6.7	7.0	3.0	5.3
SWI-1117	7.0	1.3	46.7	95.3	95.0	2.0	4.7	4.0	4.0	6.0	6.0	6.7	7.3	3.7	5.3
GOLD GLOVE (PST-R6FLT)	6.7	1.0	56.7	91.7	98.7	1.3	4.7	3.7	4.7	6.0	6.0	7.3	6.3	3.0	5.2
RAD-CD1	7.0	1.3	37.7	98.7	92.7	1.0	5.0	4.0	4.0	5.7	6.0	7.3	6.7	3.0	5.2
SWI-1083	6.7	1.0	35.3	97.7	96.3	1.0	4.0	4.0	4.7	6.0	5.7	6.7	7.0	3.0	5.1
PSG 91215	5.7	2.0	27.3	85.0	97.3	3.0	4.3	4.0	4.7	5.0	5.0	7.0	6.3	3.3	5.0
SWI-1081	6.3	1.0	34.3	96.3	99.0	1.0	3.7	4.0	3.3	5.7	6.0	7.0	6.7	3.0	4.9
PATRIOT	6.7	1.0	36.7	91.7	76.0	1.0	4.7	4.7	5.0	5.3	5.7	5.3	5.3	2.7	4.8
SUNSPORT	6.3	1.7	35.3	83.7	91.7	1.0	4.0	3.3	4.3	5.0	5.7	6.0	6.0	3.0	4.7
HOLLYWOOD (J-720)	6.0	1.0	31.7	68.0	73.7	1.0	3.7	3.7	4.0	4.7	5.3	6.3	5.3	3.0	4.5
MIDLAWN	5.7	1.0	19.0	90.7	92.3	3.0	3.3	2.7	4.3	5.3	4.7	5.3	6.3	3.3	4.4
PSG 94524	5.7	1.7	38.7	73.7	65.0	2.0	3.7	3.7	3.7	4.7	5.3	5.3	5.0	3.0	4.3
PREMIER	5.7	1.0	19.0	74.7	36.7	1.0	2.7	3.3	3.0	3.7	4.0	3.3	2.7	1.7	3.0
LSD VALUE	2.2	1.5	28.8	44.3	33.3	2.6	2.3	2.4	2.6	2.5	2.7	2.0	2.4	1.5	1.4
C.V. (%)	14.3	46.9	34.8	15.5	17.5	72.3	23.4	24.9	24.7	20.3	19.0	15.7	18.7	24.4	14.8

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 6B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
GROWN UNDER SALINE STRESS AT LAS CRUCES, NM 1/  
2011 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS					MEAN
										JUL	AUG	SEP	OCT	NOV	
SWI-1113	8.0	1.0	51.3	99.0	99.0	2.7	5.0	6.7	7.7	8.0	7.7	7.0	8.0	4.0	6.8
PRINCESS 77	8.0	1.0	37.3	99.0	99.0	3.3	4.7	5.7	6.3	8.0	8.0	8.0	8.7	3.7	6.6
BAR 7CD5	7.7	1.3	70.0	99.0	98.7	2.0	5.7	6.0	6.3	7.3	7.3	7.3	7.3	3.7	6.4
PSG 9Y20K	8.0	2.3	63.3	99.0	98.7	1.0	6.3	5.3	6.3	7.0	7.3	8.0	7.7	3.0	6.4
SWI-1057	8.0	1.0	41.3	98.7	98.3	2.7	4.0	4.7	6.7	7.0	7.3	7.7	7.3	3.7	6.0
PSG PROK	7.3	2.0	58.3	99.0	98.0	1.0	5.7	5.3	5.0	6.3	6.3	7.7	7.7	3.3	5.9
SWI-1122	7.3	1.0	50.0	99.0	98.3	1.7	5.3	5.0	5.7	6.7	7.0	6.7	8.0	3.0	5.9
OKS 2004-2	7.3	1.7	54.7	99.0	98.0	1.3	5.0	4.3	5.0	6.3	6.7	7.3	7.7	4.0	5.8
SWI-1070	8.0	1.0	32.0	99.0	99.0	1.7	4.0	4.0	5.7	7.7	7.7	7.3	7.0	3.3	5.8
YUKON	8.0	2.0	69.7	99.0	98.3	1.0	6.7	5.0	5.3	6.0	6.0	7.3	6.7	3.7	5.8
PSG 9BAN	7.3	2.3	52.0	98.7	99.0	1.0	6.0	4.3	5.0	6.0	6.0	7.0	7.3	3.0	5.6
IS-01-201	6.7	1.0	32.0	88.7	81.3	1.3	4.7	4.7	5.3	6.0	6.7	6.3	6.3	3.7	5.5
RIVIERA	6.3	1.3	58.3	94.0	97.3	2.3	5.0	4.7	5.7	5.3	6.0	6.7	7.0	3.3	5.5
VERACRUZ	7.7	1.0	39.0	97.3	94.0	1.0	4.3	4.0	5.3	6.7	7.0	6.7	6.7	3.3	5.5
PYRAMID 2 (IS-CD10)	6.3	1.0	31.0	78.7	81.7	1.0	5.3	4.7	5.7	6.0	6.3	6.3	6.0	3.0	5.4
NUMEX-SAHARA	6.7	1.3	34.3	98.7	98.0	1.3	4.3	4.3	4.7	6.0	6.0	6.7	7.0	3.0	5.3
SWI-1117	7.0	1.3	46.7	95.3	95.0	2.0	4.7	4.0	4.0	6.0	6.0	6.7	7.3	3.7	5.3
GOLD GLOVE (PST-R6FLT)	6.7	1.0	56.7	91.7	98.7	1.3	4.7	3.7	4.7	6.0	6.0	7.3	6.3	3.0	5.2
RAD-CD1	7.0	1.3	37.7	98.7	92.7	1.0	5.0	4.0	4.0	5.7	6.0	7.3	6.7	3.0	5.2
SWI-1083	6.7	1.0	35.3	97.7	96.3	1.0	4.0	4.0	4.7	6.0	5.7	6.7	7.0	3.0	5.1
PSG 91215	5.7	2.0	27.3	85.0	97.3	3.0	4.3	4.0	4.7	5.0	5.0	7.0	6.3	3.3	5.0
SWI-1081	6.3	1.0	34.3	96.3	99.0	1.0	3.7	4.0	3.3	5.7	6.0	7.0	6.7	3.0	4.9
SUNSPORT	6.3	1.7	35.3	83.7	91.7	1.0	4.0	3.3	4.3	5.0	5.7	6.0	6.0	3.0	4.7
HOLLYWOOD (J-720)	6.0	1.0	31.7	68.0	73.7	1.0	3.7	3.7	4.0	4.7	5.3	6.3	5.3	3.0	4.5
PSG 94524	5.7	1.7	38.7	73.7	65.0	2.0	3.7	3.7	3.7	4.7	5.3	5.3	5.0	3.0	4.3
LSD VALUE	2.4	1.8	32.3	48.4	34.5	4.1	2.4	2.9	3.0	3.0	3.2	2.3	2.8	2.5	1.7
C.V. (%)	14.4	49.6	34.2	16.5	14.0	80.9	22.1	25.2	25.7	20.4	18.8	13.0	16.8	21.4	14.1

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER SALINE STRESS AT LAS CRUCES, NM 1/  
2011 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS					MEAN
										JUL	AUG	SEP	OCT	NOV	
TIFWAY	8.3	1	36.0	99.0	97.7	6.0	6.0	6.0	6.3	8.7	7.7	6.7	8.0	6.7	7.0
LATITUDE 36 (OKC 1119)	7.7	1	47.7	99.0	94.7	2.3	5.7	6.0	6.0	7.7	7.0	8.3	8.3	4.3	6.7
NORTHBRIDGE (OKC 1134)	7.0	1	67.7	98.3	99.0	1.3	6.3	6.0	6.7	6.7	6.3	7.3	7.7	3.3	6.3
PATRIOT	6.7	1	36.7	91.7	76.0	1.0	4.7	4.7	5.0	5.3	5.7	5.3	5.3	2.7	4.8
MIDLAWN	5.7	1	19.0	90.7	92.3	3.0	3.3	2.7	4.3	5.3	4.7	5.3	6.3	3.3	4.4
PREMIER	5.7	1	19.0	74.7	36.7	1.0	2.7	3.3	3.0	3.7	4.0	3.3	2.7	1.7	3.0
LSD VALUE	2.0	0	30.1	18.8	51.4	2.2	2.7	2.1	1.9	2.4	2.5	3.3	3.4	2.4	1.9
C.V. (%)	14.6	0	40.7	10.0	29.9	49.4	28.5	23.5	19.0	20.7	21.0	26.9	27.4	34.1	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 7A.

GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	MS1	NC1	OK1	TN1	TX1	VA4	MEAN
PATRIOT	8.3	6.7	8.0	6.3	8.7	7.3	6.3	8.7	6.0	9.0	8.0	8.7	7.7
TIFWAY	8.0	7.0	6.0	7.0	7.7	7.3	7.0	8.3	6.7	8.0	7.3	8.0	7.4
PREMIER	7.7	6.3	4.7	6.7	7.7	6.3	6.7	8.3	6.7	8.7	8.0	8.0	7.1
SWI-1113	7.3	6.7	5.7	6.0	7.3	7.7	7.0	7.0	6.3	8.3	7.3	8.0	7.1
LATITUDE 36 (OKC 1119)	6.3	6.0	5.0	5.7	8.0	7.3	6.0	8.0	7.3	8.0	7.7	8.0	6.9
YUKON	7.0	6.7	5.3	6.7	7.3	7.0	7.0	7.0	5.3	8.3	7.7	8.0	6.9
BAR 7CD5	7.3	6.3	6.0	6.3	7.7	7.3	6.3	5.3	6.0	8.7	7.3	8.0	6.9
PRINCESS 77	7.3	5.7	5.0	6.0	7.7	7.0	7.0	7.0	7.0	7.7	6.7	8.0	6.8
PSG PROK	7.3	6.7	5.5	6.7	7.0	7.3	7.0	5.7	5.7	7.3	7.3	8.0	6.8
SWI-1057	7.0	6.0	4.7	6.5	7.3	7.0	6.3	6.0	6.7	8.3	7.7	8.0	6.8
NORTHBRIDGE (OKC 1134)	7.0	5.7	4.3	6.3	6.0	7.3	6.0	8.0	7.0	8.0	8.0	7.7	6.8
HOLLYWOOD (J-720)	6.7	6.7	4.0	6.0	7.3	7.7	6.7	6.0	6.3	8.3	7.7	7.7	6.8
OKS 2004-2	6.7	6.7	5.5	6.0	7.0	6.7	7.0	5.7	6.0	8.3	7.3	7.7	6.7
PSG 9Y20K	7.0	7.0	6.3	6.3	6.7	6.3	7.0	6.0	5.7	7.3	7.0	7.7	6.7
RIVIERA	7.0	5.3	5.3	6.0	7.0	6.7	6.7	6.3	7.0	8.0	7.0	8.0	6.7
GOLD GLOVE (PST-R6FLT)	6.7	5.7	4.0	7.0	6.3	6.7	7.0	6.3	6.7	8.3	7.3	8.0	6.7
RAD-CD1	5.7	6.3	5.0	6.0	7.0	7.0	7.0	7.0	5.7	7.7	7.3	8.0	6.6
PYRAMID 2 (IS-CD10)	7.0	6.0	4.3	5.7	6.3	7.0	7.0	6.3	5.7	8.0	7.0	8.0	6.5
SWI-1083	7.0	5.7	5.0	5.7	6.7	6.3	6.7	4.7	7.0	8.0	7.7	8.0	6.5
SWI-1122	6.0	6.0	4.3	6.3	6.3	7.3	7.0	6.0	6.0	8.0	7.0	8.0	6.5
VERACRUZ	6.0	6.0	5.0	5.3	6.7	7.0	7.0	5.3	6.7	7.7	6.7	8.0	6.4
SWI-1070	6.0	6.3	4.0	6.3	6.3	7.0	7.0	5.0	5.7	7.7	7.7	8.0	6.4
MIDLAWN	6.3	5.0	4.0	6.3	7.3	7.0	6.3	6.7	5.7	7.0	7.3	7.7	6.4
SWI-1117	7.0	5.0	4.0	7.0	6.3	6.7	7.0	5.3	5.3	7.7	7.3	8.0	6.4
SWI-1081	7.0	6.0	4.0	6.0	6.3	6.3	7.0	4.7	6.3	7.3	7.3	8.0	6.4
PSG 9BAN	7.0	6.0	5.0	6.3	6.3	7.0	6.3	4.3	6.0	7.3	6.0	8.0	6.3
PSG 94524	6.7	5.7	4.0	6.7	6.7	6.0	6.3	5.0	6.0	7.3	7.0	8.0	6.3
PSG 91215	7.0	6.0	3.3	5.3	6.7	6.7	7.0	4.3	6.7	7.0	7.0	8.0	6.3
IS-01-201	7.0	5.7	4.3	5.7	6.7	5.3	6.7	5.3	6.0	7.3	6.7	8.0	6.2
SUNSPORT	5.3	5.7	3.5	6.3	6.0	6.7	7.0	4.3	6.0	7.3	7.3	7.3	6.1
NUMEX-SAHARA	5.0	5.7	3.5	6.0	6.0	6.3	6.7	4.7	4.3	7.3	6.7	7.7	5.8
LSD VALUE	0.6	1.0	1.6	1.0	1.0	1.7	0.6	1.5	1.3	0.8	1.0	0.5	0.3
C.V. (%)	5.7	10.4	19.6	9.6	8.9	15.0	5.3	15.1	13.1	6.1	8.2	3.7	10.2

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 7B.

GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	MS1	NC1	OK1	TN1	TX1	VA4	MEAN
SWI-1113	7.3	6.7	5.7	6.0	7.3	7.7	7.0	7.0	6.3	8.3	7.3	8.0	7.1
YUKON	7.0	6.7	5.3	6.7	7.3	7.0	7.0	7.0	5.3	8.3	7.7	8.0	6.9
BAR 7CD5	7.3	6.3	6.0	6.3	7.7	7.3	6.3	5.3	6.0	8.7	7.3	8.0	6.9
PRINCESS 77	7.3	5.7	5.0	6.0	7.7	7.0	7.0	7.0	7.0	7.7	6.7	8.0	6.8
PSG PROK	7.3	6.7	5.5	6.7	7.0	7.3	7.0	5.7	5.7	7.3	7.3	8.0	6.8
SWI-1057	7.0	6.0	4.7	6.5	7.3	7.0	6.3	6.0	6.7	8.3	7.7	8.0	6.8
HOLLYWOOD (J-720)	6.7	6.7	4.0	6.0	7.3	7.7	6.7	6.0	6.3	8.3	7.7	7.7	6.8
OKS 2004-2	6.7	6.7	5.5	6.0	7.0	6.7	7.0	5.7	6.0	8.3	7.3	7.7	6.7
PSG 9Y20K	7.0	7.0	6.3	6.3	6.7	6.3	7.0	6.0	5.7	7.3	7.0	7.7	6.7
RIVIERA	7.0	5.3	5.3	6.0	7.0	6.7	6.7	6.3	7.0	8.0	7.0	8.0	6.7
GOLD GLOVE (PST-R6FLT)	6.7	5.7	4.0	7.0	6.3	6.7	7.0	6.3	6.7	8.3	7.3	8.0	6.7
RAD-CD1	5.7	6.3	5.0	6.0	7.0	7.0	7.0	7.0	5.7	7.7	7.3	8.0	6.6
PYRAMID 2 (IS-CD10)	7.0	6.0	4.3	5.7	6.3	7.0	7.0	6.3	5.7	8.0	7.0	8.0	6.5
SWI-1083	7.0	5.7	5.0	5.7	6.7	6.3	6.7	4.7	7.0	8.0	7.7	8.0	6.5
SWI-1122	6.0	6.0	4.3	6.3	6.3	7.3	7.0	6.0	6.0	8.0	7.0	8.0	6.5
VERACRUZ	6.0	6.0	5.0	5.3	6.7	7.0	7.0	5.3	6.7	7.7	6.7	8.0	6.4
SWI-1070	6.0	6.3	4.0	6.3	6.3	7.0	7.0	5.0	5.7	7.7	7.7	8.0	6.4
SWI-1117	7.0	5.0	4.0	7.0	6.3	6.7	7.0	5.3	5.3	7.7	7.3	8.0	6.4
SWI-1081	7.0	6.0	4.0	6.0	6.3	6.3	7.0	4.7	6.3	7.3	7.3	8.0	6.4
PSG 9BAN	7.0	6.0	5.0	6.3	6.3	7.0	6.3	4.3	6.0	7.3	6.0	8.0	6.3
PSG 94524	6.7	5.7	4.0	6.7	6.7	6.0	6.3	5.0	6.0	7.3	7.0	8.0	6.3
PSG 91215	7.0	6.0	3.3	5.3	6.7	6.7	7.0	4.3	6.7	7.0	7.0	8.0	6.3
IS-01-201	7.0	5.7	4.3	5.7	6.7	5.3	6.7	5.3	6.0	7.3	6.7	8.0	6.2
SUNSPORT	5.3	5.7	3.5	6.3	6.0	6.7	7.0	4.3	6.0	7.3	7.3	7.3	6.1
NUMEX-SAHARA	5.0	5.7	3.5	6.0	6.0	6.3	6.7	4.7	4.3	7.3	6.7	7.7	5.8
LSD VALUE	0.6	1.0	1.7	1.0	0.9	1.6	0.6	1.6	1.3	0.8	1.0	0.4	0.3
C.V. (%)	5.5	10.6	21.4	9.9	8.5	14.8	5.1	17.4	13.6	6.6	8.8	3.3	10.5

TABLE 7C.

GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	MS1	NC1	OK1	TN1	TX1	VA4	MEAN
PATRIOT	8.3	6.7	8.0	6.3	8.7	7.3	6.3	8.7	6.0	9.0	8.0	8.7	7.7
TIFWAY	8.0	7.0	6.0	7.0	7.7	7.3	7.0	8.3	6.7	8.0	7.3	8.0	7.4
PREMIER	7.7	6.3	4.7	6.7	7.7	6.3	6.7	8.3	6.7	8.7	8.0	8.0	7.1
LATITUDE 36 (OKC 1119)	6.3	6.0	5.0	5.7	8.0	7.3	6.0	8.0	7.3	8.0	7.7	8.0	6.9
NORTHBRIDGE (OKC 1134)	7.0	5.7	4.3	6.3	6.0	7.3	6.0	8.0	7.0	8.0	8.0	7.7	6.8
MIDLAWN	6.3	5.0	4.0	6.3	7.3	7.0	6.3	6.7	5.7	7.0	7.3	7.7	6.4
LSD VALUE	0.8	0.9	1.1	0.8	1.2	1.8	0.7	1.0	1.2	0.4	0.7	0.7	0.3
C.V. (%)	6.5	9.4	12.5	8.2	9.9	15.9	6.4	7.8	11.4	2.9	5.3	5.1	8.8

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

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

TABLE 8A.

 SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS 1/  
 2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	KY1	MS1	NC1	OK1	TX1	VA1	VA4	MEAN
YUKON	4.0	7.7	2.0	5.7	7.7	8.0	4.7	6.7	5.7	6.3	7.3	5.3	5.9
NORTHBRIDGE (OKC 1134)	3.7	7.0	3.0	6.0	8.7	8.3	6.0	7.7	6.3	6.7	2.0	2.0	5.6
PSG 9Y20K	3.3	8.3	2.7	6.0	8.3	7.3	5.0	6.0	6.0	6.0	3.0	4.0	5.5
OKS 2004-2	4.0	8.0	2.3	5.0	8.7	7.3	5.0	7.0	6.0	5.7	1.0	5.3	5.4
RIVIERA	4.0	6.3	2.7	5.5	8.0	7.3	4.3	6.7	7.3	5.3	1.3	6.0	5.4
LATITUDE 36 (OKC 1119)	3.7	7.0	2.7	5.0	8.0	8.7	6.3	8.0	5.0	6.0	1.3	2.7	5.4
MIDLAWN	4.3	5.3	2.0	5.0	7.7	7.7	5.0	7.0	4.7	5.0	8.0	2.0	5.3
PREMIER	3.0	7.3	2.7	5.7	8.7	6.7	5.7	6.0	6.0	6.0	1.0	4.3	5.3
HOLLYWOOD (J-720)	3.0	7.3	3.3	5.3	8.0	7.0	4.3	5.7	7.0	5.7	1.0	4.7	5.2
RAD-CD1	2.7	7.3	2.0	5.0	8.0	7.3	5.0	5.7	3.7	5.0	2.7	5.0	4.9
PSG PROK	2.7	7.7	2.0	5.7	7.7	7.3	4.3	4.7	5.0	5.7	1.7	4.0	4.9
BAR 7CD5	3.0	7.7	1.3	5.7	7.3	7.3	4.3	5.0	3.3	5.7	3.7	3.3	4.8
SWI-1122	2.3	7.3	2.0	4.7	8.3	6.3	5.0	5.7	4.7	6.0	1.0	4.0	4.8
PYRAMID 2 (IS-CD10)	2.7	7.3	2.3	4.7	8.0	6.3	4.0	6.0	5.7	4.7	1.0	4.3	4.8
SWI-1070	2.7	7.7	2.3	6.0	7.7	6.7	4.7	4.3	5.3	4.0	1.0	4.3	4.7
SWI-1113	2.0	7.7	2.0	5.0	8.7	6.0	4.7	4.7	4.7	5.7	1.0	4.3	4.7
PATRIOT	3.3	8.0	1.3	5.0	8.3	7.3	4.3	4.3	3.3	4.0	1.0	5.3	4.6
PSG 94524	1.3	7.3	1.7	5.7	7.0	6.0	4.7	5.7	4.3	6.0	1.0	5.0	4.6
TIFWAY	1.7	7.7	3.7	5.0	8.3	5.3	4.3	4.7	4.3	5.7	1.0	4.0	4.6
PSG 9BAN	2.3	7.7	2.0	4.7	8.7	6.0	4.3	3.7	5.3	6.0	1.0	3.7	4.6
SWI-1083	1.7	6.7	2.3	4.3	8.0	6.3	4.0	6.0	6.0	4.3	1.0	4.7	4.6
GOLD GLOVE (PST-R6FLT)	2.0	7.0	2.3	5.7	7.3	5.3	4.0	5.7	4.3	5.0	1.0	4.7	4.5
SUNSPORT	1.7	6.7	2.0	6.0	7.7	5.7	4.7	5.3	4.0	5.3	1.0	2.7	4.4
PSG 91215	2.0	7.3	2.0	3.3	8.0	6.3	4.7	4.7	4.3	5.3	1.0	3.0	4.3
IS-01-201	2.0	7.0	2.0	5.0	6.3	5.7	4.0	5.0	4.7	4.3	1.0	4.3	4.3
SWI-1057	1.7	7.0	2.7	6.0	7.3	5.0	4.0	4.0	5.0	4.7	1.0	3.0	4.3
SWI-1117	2.3	6.3	2.0	5.0	7.7	6.0	4.7	5.3	4.0	3.3	1.0	3.7	4.3
SWI-1081	1.3	7.3	2.7	4.3	8.0	5.7	4.0	4.3	5.3	3.7	1.0	3.3	4.3
NUMEX-SAHARA	2.0	7.0	1.7	5.7	7.7	5.0	4.0	4.7	3.7	3.7	1.0	3.0	4.1
PRINCESS 77	1.0	7.3	1.7	5.0	8.0	3.7	4.0	3.7	3.3	5.0	1.0	3.0	3.9
VERACRUZ	1.0	7.0	1.7	5.3	7.7	4.0	4.0	4.3	3.3	5.0	1.0	2.0	3.9
LSD VALUE	0.9	1.1	1.1	1.4	1.2	1.2	0.8	1.3	1.4	1.2	0.9	1.9	0.4
C.V. (%)	21.3	9.1	30.5	16.1	9.6	11.6	10.6	14.8	17.6	13.9	31.5	30.8	15.9

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

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

TABLE 8B.

 SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDING) CULTIVARS 1/  
 2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	KY1	MS1	NC1	OK1	TX1	VA1	VA4	MEAN
YUKON	4.0	7.7	2.0	5.7	7.7	8.0	4.7	6.7	5.7	6.3	7.3	5.3	5.9
PSG 9Y20K	3.3	8.3	2.7	6.0	8.3	7.3	5.0	6.0	6.0	6.0	3.0	4.0	5.5
OKS 2004-2	4.0	8.0	2.3	5.0	8.7	7.3	5.0	7.0	6.0	5.7	1.0	5.3	5.4
RIVIERA	4.0	6.3	2.7	5.5	8.0	7.3	4.3	6.7	7.3	5.3	1.3	6.0	5.4
HOLLYWOOD (J-720)	3.0	7.3	3.3	5.3	8.0	7.0	4.3	5.7	7.0	5.7	1.0	4.7	5.2
RAD-CD1	2.7	7.3	2.0	5.0	8.0	7.3	5.0	5.7	3.7	5.0	2.7	5.0	4.9
PSG PROK	2.7	7.7	2.0	5.7	7.7	7.3	4.3	4.7	5.0	5.7	1.7	4.0	4.9
BAR 7CD5	3.0	7.7	1.3	5.7	7.3	7.3	4.3	5.0	3.3	5.7	3.7	3.3	4.8
SWI-1122	2.3	7.3	2.0	4.7	8.3	6.3	5.0	5.7	4.7	6.0	1.0	4.0	4.8
PYRAMID 2 (IS-CD10)	2.7	7.3	2.3	4.7	8.0	6.3	4.0	6.0	5.7	4.7	1.0	4.3	4.8
SWI-1070	2.7	7.7	2.3	6.0	7.7	6.7	4.7	4.3	5.3	4.0	1.0	4.3	4.7
SWI-1113	2.0	7.7	2.0	5.0	8.7	6.0	4.7	4.7	4.7	5.7	1.0	4.3	4.7
PSG 94524	1.3	7.3	1.7	5.7	7.0	6.0	4.7	5.7	4.3	6.0	1.0	5.0	4.6
PSG 9BAN	2.3	7.7	2.0	4.7	8.7	6.0	4.3	3.7	5.3	6.0	1.0	3.7	4.6
SWI-1083	1.7	6.7	2.3	4.3	8.0	6.3	4.0	6.0	6.0	4.3	1.0	4.7	4.6
GOLD GLOVE (PST-R6FLT)	2.0	7.0	2.3	5.7	7.3	5.3	4.0	5.7	4.3	5.0	1.0	4.7	4.5
SUNSPORT	1.7	6.7	2.0	6.0	7.7	5.7	4.7	5.3	4.0	5.3	1.0	2.7	4.4
PSG 91215	2.0	7.3	2.0	3.3	8.0	6.3	4.7	4.7	4.3	5.3	1.0	3.0	4.3
IS-01-201	2.0	7.0	2.0	5.0	6.3	5.7	4.0	5.0	4.7	4.3	1.0	4.3	4.3
SWI-1057	1.7	7.0	2.7	6.0	7.3	5.0	4.0	4.0	5.0	4.7	1.0	3.0	4.3
SWI-1117	2.3	6.3	2.0	5.0	7.7	6.0	4.7	5.3	4.0	3.3	1.0	3.7	4.3
SWI-1081	1.3	7.3	2.7	4.3	8.0	5.7	4.0	4.3	5.3	3.7	1.0	3.3	4.3
NUMEX-SAHARA	2.0	7.0	1.7	5.7	7.7	5.0	4.0	4.7	3.7	3.7	1.0	3.0	4.1
PRINCESS 77	1.0	7.3	1.7	5.0	8.0	3.7	4.0	3.7	3.3	5.0	1.0	3.0	3.9
VERACRUZ	1.0	7.0	1.7	5.3	7.7	4.0	4.0	4.3	3.3	5.0	1.0	2.0	3.9
LSD VALUE	0.8	1.0	1.1	1.4	1.2	1.2	0.7	1.2	1.4	1.2	0.8	1.9	0.3
C.V. (%)	21.4	8.4	30.9	16.6	9.3	12.2	10.1	14.9	18.2	14.9	33.4	29.2	16.0

TABLE 8C.

 SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
 2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	KY1	MS1	NC1	OK1	TX1	VA1	VA4	MEAN
NORTHBRIDGE (OKC 1134)	3.7	7.0	3.0	6.0	8.7	8.3	6.0	7.7	6.3	6.7	2.0	2.0	5.6
LATITUDE 36 (OKC 1119)	3.7	7.0	2.7	5.0	8.0	8.7	6.3	8.0	5.0	6.0	1.3	2.7	5.4
MIDLAWN	4.3	5.3	2.0	5.0	7.7	7.7	5.0	7.0	4.7	5.0	8.0	2.0	5.3
PREMIER	3.0	7.3	2.7	5.7	8.7	6.7	5.7	6.0	6.0	6.0	1.0	4.3	5.3
PATRIOT	3.3	8.0	1.3	5.0	8.3	7.3	4.3	4.3	3.3	4.0	1.0	5.3	4.6
TIFWAY	1.7	7.7	3.7	5.0	8.3	5.3	4.3	4.7	4.3	5.7	1.0	4.0	4.6
LSD VALUE	1.1	1.3	1.2	1.2	1.4	1.1	1.0	1.5	1.2	0.8	1.0	2.1	0.4
C.V. (%)	20.3	11.6	29.2	14.1	10.7	9.6	11.8	14.5	15.1	9.5	26.1	38.1	15.5

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 9A.

LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL3	MS1	NC1	OK1	TX1	VA1	MEAN
LATITUDE 36 (OKC 1119)	9.0	8.7	7.7	2.3	6.7	9.0	8.3	7.3	7.0	7.3
PREMIER	8.0	9.0	6.0	3.0	7.0	8.0	7.7	7.0	8.3	7.1
NORTHBRIDGE (OKC 1134)	8.3	9.0	6.7	2.7	7.0	7.7	8.0	7.3	7.0	7.1
TIFWAY	7.7	8.0	6.7	3.0	8.0	9.0	8.0	7.0	4.7	6.9
PATRIOT	7.7	7.7	5.7	3.0	6.0	7.7	7.0	6.0	7.7	6.5
MIDLAWN	7.3	6.7	5.3	3.7	6.3	7.0	7.0	6.3	8.3	6.4
YUKON	6.7	7.0	5.3	4.7	6.0	7.0	6.7	6.0	7.3	6.3
RIVIERA	6.7	6.3	5.0	5.3	5.0	7.0	7.0	6.0	7.0	6.1
SWI-1070	6.0	6.7	4.7	5.0	6.0	6.7	7.0	6.0	7.0	6.1
SWI-1113	7.3	7.0	5.3	4.3	6.0	7.3	6.3	6.3	5.0	6.1
PSG 9Y20K	6.7	6.7	4.3	4.7	6.0	5.3	6.3	6.0	8.0	6.0
HOLLYWOOD (J-720)	5.3	7.3	4.3	5.0	6.0	6.7	7.0	6.0	6.3	6.0
VERACRUZ	6.3	7.0	5.3	4.7	6.0	6.7	7.3	6.0	4.0	5.9
OKS 2004-2	6.0	6.3	4.0	4.7	6.0	6.7	5.7	5.7	8.0	5.9
PYRAMID 2 (IS-CD10)	5.7	6.7	4.0	5.0	5.7	6.7	7.0	5.7	6.0	5.8
PRINCESS 77	6.3	7.0	4.7	4.0	6.0	6.7	6.7	6.3	4.7	5.8
SWI-1057	6.7	7.0	4.3	4.0	6.0	7.0	5.7	6.0	5.7	5.8
RAD-CD1	6.0	6.0	4.0	4.7	6.0	7.0	5.7	6.0	6.3	5.7
PSG 9BAN	5.0	6.7	4.7	5.0	6.0	5.3	6.7	5.7	5.7	5.6
GOLD GLOVE (PST-R6FLT)	7.0	6.3	5.0	4.3	5.7	7.0	6.0	6.0	3.0	5.6
SWI-1122	5.3	6.3	4.7	5.0	6.0	5.7	5.7	6.0	5.3	5.6
IS-01-201	6.0	6.0	4.3	5.0	5.7	7.0	6.3	6.0	3.3	5.5
SWI-1081	5.7	6.0	3.7	5.0	5.7	6.0	6.3	5.7	5.0	5.4
SWI-1117	6.0	6.0	3.3	5.0	5.7	6.0	5.0	5.7	6.0	5.4
SUNSPORT	4.0	6.0	4.5	5.0	5.7	5.7	5.7	6.0	6.0	5.4
PSG PROK	5.7	6.3	4.0	5.0	6.0	5.0	5.7	6.0	4.7	5.4
SWI-1083	5.3	6.0	3.0	5.0	5.3	6.3	6.7	6.0	4.7	5.4
PSG 94524	5.0	5.7	4.0	5.3	5.7	5.3	5.7	6.0	5.3	5.3
BAR 7CD5	4.3	6.0	4.0	5.3	6.3	4.3	6.0	5.0	6.0	5.3
PSG 91215	4.3	5.3	4.0	5.3	5.7	5.0	5.7	6.0	4.3	5.1
NUMEX-SAHARA	4.0	5.3	3.5	5.0	5.0	5.0	4.7	5.0	5.3	4.8
LSD VALUE	0.9	0.7	1.3	0.7	0.6	0.9	0.9	0.5	2.6	0.4
C.V. (%)	8.9	6.7	16.4	10.3	6.7	8.8	8.6	5.4	27.5	12.5

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

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

TABLE 9B. LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									MEAN
	AR1	AZ1	CA3	FL3	MS1	NC1	OK1	TX1	VA1	
YUKON	6.7	7.0	5.3	4.7	6.0	7.0	6.7	6.0	7.3	6.3
RIVIERA	6.7	6.3	5.0	5.3	5.0	7.0	7.0	6.0	7.0	6.1
SWI-1070	6.0	6.7	4.7	5.0	6.0	6.7	7.0	6.0	7.0	6.1
SWI-1113	7.3	7.0	5.3	4.3	6.0	7.3	6.3	6.3	5.0	6.1
PSG 9Y20K	6.7	6.7	4.3	4.7	6.0	5.3	6.3	6.0	8.0	6.0
HOLLYWOOD (J-720)	5.3	7.3	4.3	5.0	6.0	6.7	7.0	6.0	6.3	6.0
VERACRUZ	6.3	7.0	5.3	4.7	6.0	6.7	7.3	6.0	4.0	5.9
OKS 2004-2	6.0	6.3	4.0	4.7	6.0	6.7	5.7	5.7	8.0	5.9
PYRAMID 2 (IS-CD10)	5.7	6.7	4.0	5.0	5.7	6.7	7.0	5.7	6.0	5.8
PRINCESS 77	6.3	7.0	4.7	4.0	6.0	6.7	6.7	6.3	4.7	5.8
SWI-1057	6.7	7.0	4.3	4.0	6.0	7.0	5.7	6.0	5.7	5.8
RAD-CD1	6.0	6.0	4.0	4.7	6.0	7.0	5.7	6.0	6.3	5.7
PSG 9BAN	5.0	6.7	4.7	5.0	6.0	5.3	6.7	5.7	5.7	5.6
GOLD GLOVE (PST-R6FLT)	7.0	6.3	5.0	4.3	5.7	7.0	6.0	6.0	3.0	5.6
SWI-1122	5.3	6.3	4.7	5.0	6.0	5.7	5.7	6.0	5.3	5.6
IS-01-201	6.0	6.0	4.3	5.0	5.7	7.0	6.3	6.0	3.3	5.5
SWI-1081	5.7	6.0	3.7	5.0	5.7	6.0	6.3	5.7	5.0	5.4
SWI-1117	6.0	6.0	3.3	5.0	5.7	6.0	5.0	5.7	6.0	5.4
SUNSPORT	4.0	6.0	4.5	5.0	5.7	5.7	5.7	6.0	6.0	5.4
PSG PROK	5.7	6.3	4.0	5.0	6.0	5.0	5.7	6.0	4.7	5.4
SWI-1083	5.3	6.0	3.0	5.0	5.3	6.3	6.7	6.0	4.7	5.4
PSG 94524	5.0	5.7	4.0	5.3	5.7	5.3	5.7	6.0	5.3	5.3
BAR 7CD5	4.3	6.0	4.0	5.3	6.3	4.3	6.0	5.0	6.0	5.3
PSG 91215	4.3	5.3	4.0	5.3	5.7	5.0	5.7	6.0	4.3	5.1
NUMEX-SAHARA	4.0	5.3	3.5	5.0	5.0	5.0	4.7	5.0	5.3	4.8
LSD VALUE	0.9	0.7	1.4	0.7	0.7	0.9	1.0	0.5	2.4	0.4
C.V. (%)	9.9	7.3	18.6	8.9	7.2	9.5	9.7	5.2	27.0	12.7

TABLE 9C. LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									MEAN
	AR1	AZ1	CA3	FL3	MS1	NC1	OK1	TX1	VA1	
LATITUDE 36 (OKC 1119)	9.0	8.7	7.7	2.3	6.7	9.0	8.3	7.3	7.0	7.3
PREMIER	8.0	9.0	6.0	3.0	7.0	8.0	7.7	7.0	8.3	7.1
NORTHBRIDGE (OKC 1134)	8.3	9.0	6.7	2.7	7.0	7.7	8.0	7.3	7.0	7.1
TIFWAY	7.7	8.0	6.7	3.0	8.0	9.0	8.0	7.0	4.7	6.9
PATRIOT	7.7	7.7	5.7	3.0	6.0	7.7	7.0	6.0	7.7	6.5
MIDLAWN	7.3	6.7	5.3	3.7	6.3	7.0	7.0	6.3	8.3	6.4
LSD VALUE	0.8	0.7	1.1	0.9	0.5	0.8	0.5	0.7	3.2	0.4
C.V. (%)	5.9	5.0	10.5	19.6	4.9	6.5	4.3	6.0	28.1	11.7

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

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

TABLE 10A. SPRING DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	FL3	TX1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	7.3	6.7	6.0	6.7	6.3	6.6
LATITUDE 36 (OKC 1119)	5.3	6.7	7.0	6.3	3.3	5.7
SWI-1057	5.7	6.5	4.7	5.7	.	5.6
MIDLAWN	5.7	7.0	3.3	4.7	7.3	5.6
TIFWAY	6.0	7.3	6.7	6.7	1.0	5.5
YUKON	4.7	6.0	4.7	5.7	6.3	5.5
PREMIER	5.3	6.0	5.0	6.3	3.3	5.2
PSG 9Y20K	5.3	6.3	3.7	5.3	5.0	5.1
SWI-1070	5.0	6.7	4.0	4.3	.	5.0
VERACRUZ	3.7	6.7	4.7	5.0	.	5.0
PRINCESS 77	3.7	6.7	4.3	5.0	.	4.9
PATRIOT	5.7	5.7	5.0	4.0	4.0	4.9
RIVIERA	5.0	6.0	4.0	5.7	3.7	4.9
BAR 7CD5	4.3	5.0	3.7	5.3	5.3	4.7
GOLD GLOVE (PST-R6FLT)	2.7	6.0	4.3	5.7	.	4.7
SWI-1083	4.0	6.0	4.0	4.7	.	4.7
HOLLYWOOD (J-720)	5.7	5.3	4.3	5.0	3.0	4.7
OKS 2004-2	4.3	6.0	4.3	5.0	3.3	4.6
PSG 9BAN	3.3	6.0	4.0	5.0	.	4.6
RAD-CD1	4.0	5.7	3.7	4.7	4.7	4.5
SWI-1081	3.7	6.0	4.0	4.3	.	4.5
PSG PROK	3.7	5.7	4.3	5.0	2.7	4.3
SWI-1122	4.0	5.7	4.0	5.3	2.0	4.2
SWI-1113	2.3	6.0	3.7	4.7	.	4.2
IS-01-201	3.0	5.0	3.7	4.7	.	4.1
PYRAMID 2 (IS-CD10)	4.0	5.7	4.3	4.3	2.0	4.1
PSG 94524	3.0	4.0	3.7	4.3	.	3.8
SUNSPORT	3.3	4.3	3.0	4.3	.	3.8
NUMEX-SAHARA	2.3	5.7	3.3	3.3	.	3.7
PSG 91215	2.0	4.0	4.0	4.7	.	3.7
SWI-1117	1.7	4.3	3.3	4.0	.	3.3
LSD VALUE	1.9	1.4	0.9	1.1	1.6	0.7
C.V. (%)	27.8	14.2	12.8	14.2	22.1	17.9

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

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

TABLE 10B. SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	AZ1	FL1	FL3	TX1	VA1	
SWI - 1057	5.7	6.5	4.7	5.7	.	5.6
YUKON	4.7	6.0	4.7	5.7	6.3	5.5
PSG 9Y20K	5.3	6.3	3.7	5.3	5.0	5.1
SWI - 1070	5.0	6.7	4.0	4.3	.	5.0
VERACRUZ	3.7	6.7	4.7	5.0	.	5.0
PRINCESS 77	3.7	6.7	4.3	5.0	.	4.9
RIVIERA	5.0	6.0	4.0	5.7	3.7	4.9
BAR 7CD5	4.3	5.0	3.7	5.3	5.3	4.7
GOLD GLOVE (PST-R6FLT)	2.7	6.0	4.3	5.7	.	4.7
SWI - 1083	4.0	6.0	4.0	4.7	.	4.7
HOLLYWOOD (J-720)	5.7	5.3	4.3	5.0	3.0	4.7
OKS 2004-2	4.3	6.0	4.3	5.0	3.3	4.6
PSG 9BAN	3.3	6.0	4.0	5.0	.	4.6
RAD-CD1	4.0	5.7	3.7	4.7	4.7	4.5
SWI - 1081	3.7	6.0	4.0	4.3	.	4.5
PSG PROK	3.7	5.7	4.3	5.0	2.7	4.3
SWI - 1122	4.0	5.7	4.0	5.3	2.0	4.2
SWI - 1113	2.3	6.0	3.7	4.7	.	4.2
IS-01-201	3.0	5.0	3.7	4.7	.	4.1
PYRAMID 2 (IS-CD10)	4.0	5.7	4.3	4.3	2.0	4.1
PSG 94524	3.0	4.0	3.7	4.3	.	3.8
SUNSPORT	3.3	4.3	3.0	4.3	.	3.8
NUMEX-SAHARA	2.3	5.7	3.3	3.3	.	3.7
PSG 91215	2.0	4.0	4.0	4.7	.	3.7
SWI - 1117	1.7	4.3	3.3	4.0	.	3.3
LSD VALUE	2.0	1.2	0.8	1.0	1.5	0.6
C.V. (%)	32.8	12.7	11.9	13.1	22.1	18.2

TABLE 10C. SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	AZ1	FL1	FL3	TX1	VA1	
NORTHBRIDGE (OKC 1134)	7.3	6.7	6.0	6.7	6.3	6.6
LATITUDE 36 (OKC 1119)	5.3	6.7	7.0	6.3	3.3	5.7
MIDLAWN	5.7	7.0	3.3	4.7	7.3	5.6
TIFWAY	6.0	7.3	6.7	6.7	1.0	5.5
PREMIER	5.3	6.0	5.0	6.3	3.3	5.2
PATRIOT	5.7	5.7	5.0	4.0	4.0	4.9
LSD VALUE	1.3	1.9	1.3	1.6	1.7	0.7
C.V. (%)	13.3	18.0	14.2	16.8	22.0	16.8

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 11A.

SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TX1	MEAN
TIFWAY	8.0	8.0	7.7	6.7	8.0	6.0	9.0	7.3	8.7	8.3	9.0	7.9
NORTHBRIDGE (OKC 1134)	8.3	9.0	7.0	6.3	8.0	7.7	7.3	7.0	8.7	8.0	9.0	7.8
LATITUDE 36 (OKC 1119)	8.7	8.7	8.0	6.3	7.7	5.7	8.0	6.3	8.7	8.0	9.0	7.7
PREMIER	8.0	8.3	6.7	6.7	8.3	6.3	8.7	6.7	8.3	7.7	9.0	7.7
PATRIOT	7.3	7.7	7.7	6.0	8.0	6.3	7.7	4.7	7.3	7.0	8.7	7.1
SWI-1113	6.3	7.3	6.3	6.3	7.3	6.7	7.3	6.0	7.3	7.0	8.7	7.0
MIDLAWN	7.3	7.7	6.3	6.0	7.3	5.3	6.7	5.3	8.0	6.0	9.0	6.8
SWI-1070	5.7	7.3	6.0	7.0	6.3	5.7	7.3	6.0	6.7	8.0	9.0	6.8
PRINCESS 77	5.7	6.7	6.0	7.0	7.0	6.3	7.0	6.0	7.0	7.3	8.7	6.8
HOLLYWOOD (J-720)	5.3	7.3	6.0	6.0	7.3	5.7	7.0	5.3	7.3	7.3	8.7	6.7
RIVIERA	6.3	6.3	5.3	6.5	6.7	6.3	8.0	5.3	7.0	6.7	8.7	6.7
SWI-1057	5.3	6.7	6.3	7.0	7.0	5.3	7.0	6.0	6.7	7.0	8.7	6.6
VERACRUZ	5.3	6.7	6.3	6.3	6.7	5.7	7.0	6.0	6.7	7.3	9.0	6.6
YUKON	6.0	7.3	6.0	6.0	6.7	5.3	7.3	6.0	7.3	6.0	9.0	6.6
OKS 2004-2	5.3	6.7	5.7	6.7	7.3	6.3	7.3	6.0	6.3	6.7	8.3	6.6
PSG 9Y20K	5.3	6.7	6.3	6.0	6.7	6.0	7.0	6.0	6.0	6.3	8.7	6.5
RAD-CD1	5.0	6.7	5.7	6.3	7.0	6.0	6.3	5.7	7.0	6.3	9.0	6.5
PYRAMID 2 (IS-CD10)	5.7	6.3	5.0	6.0	6.3	5.3	6.7	5.7	7.0	7.0	8.0	6.3
GOLD GLOVE (PST-R6FLT)	6.0	5.3	4.0	6.7	6.0	6.0	6.3	5.7	7.3	6.7	8.7	6.2
PSG PROK	5.0	6.0	4.7	6.3	6.7	5.7	6.3	6.0	6.7	6.7	8.3	6.2
SWI-1122	4.3	6.0	5.3	6.0	6.3	6.3	6.3	6.0	7.0	6.0	8.7	6.2
BAR 7CD5	5.0	6.3	6.0	6.0	7.0	5.7	5.3	6.0	5.3	6.7	8.3	6.2
PSG 9BAN	4.3	6.0	5.7	6.0	6.0	6.3	6.3	5.7	5.3	7.3	8.7	6.2
SWI-1081	5.7	6.3	4.7	6.3	6.3	5.3	6.3	5.3	5.7	6.7	8.7	6.1
SWI-1083	4.7	6.0	4.0	6.3	6.7	5.7	6.3	5.0	6.7	7.0	8.3	6.1
IS-01-201	5.3	5.3	5.0	5.7	6.0	5.0	6.3	5.7	6.7	6.7	8.0	6.0
SUNSPORT	3.7	5.7	4.7	5.7	6.3	5.7	6.0	5.7	6.3	5.7	8.0	5.8
PSG 94524	4.7	5.3	4.3	5.3	6.3	4.7	6.0	5.3	5.3	6.3	8.3	5.6
PSG 91215	3.7	4.3	5.3	5.3	6.3	5.3	6.3	5.3	4.7	5.7	8.3	5.5
SWI-1117	4.3	4.3	4.3	5.3	5.7	5.7	6.3	5.7	5.7	5.3	8.0	5.5
NUMEX-SAHARA	3.3	5.0	3.3	6.0	6.0	5.3	5.3	4.7	5.0	5.0	7.7	5.2
LSD VALUE	0.9	1.3	1.5	0.8	1.0	1.3	1.1	1.0	1.1	1.1	0.7	0.3
C.V. (%)	9.5	11.9	17.0	8.3	9.0	14.0	9.8	10.3	10.2	9.7	5.1	10.4

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 11B.

SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TX1	MEAN
SWI-1113	6.3	7.3	6.3	6.3	7.3	6.7	7.3	6.0	7.3	7.0	8.7	7.0
SWI-1070	5.7	7.3	6.0	7.0	6.3	5.7	7.3	6.0	6.7	8.0	9.0	6.8
PRINCESS 77	5.7	6.7	6.0	7.0	7.0	6.3	7.0	6.0	7.0	7.3	8.7	6.8
HOLLYWOOD (J-720)	5.3	7.3	6.0	6.0	7.3	5.7	7.0	5.3	7.3	7.3	8.7	6.7
RIVIERA	6.3	6.3	5.3	6.5	6.7	6.3	8.0	5.3	7.0	6.7	8.7	6.7
SWI-1057	5.3	6.7	6.3	7.0	7.0	5.3	7.0	6.0	6.7	7.0	8.7	6.6
VERACRUZ	5.3	6.7	6.3	6.3	6.7	5.7	7.0	6.0	6.7	7.3	9.0	6.6
YUKON	6.0	7.3	6.0	6.0	6.7	5.3	7.3	6.0	7.3	6.0	9.0	6.6
OKS 2004-2	5.3	6.7	5.7	6.7	7.3	6.3	7.3	6.0	6.3	6.7	8.3	6.6
PSG 9Y20K	5.3	6.7	6.3	6.0	6.7	6.0	7.0	6.0	6.0	6.3	8.7	6.5
RAD-CD1	5.0	6.7	5.7	6.3	7.0	6.0	6.3	5.7	7.0	6.3	9.0	6.5
PYRAMID 2 (IS-CD10)	5.7	6.3	5.0	6.0	6.3	5.3	6.7	5.7	7.0	7.0	8.0	6.3
GOLD GLOVE (PST-R6FLT)	6.0	5.3	4.0	6.7	6.0	6.0	6.3	5.7	7.3	6.7	8.7	6.2
PSG PROK	5.0	6.0	4.7	6.3	6.7	5.7	6.3	6.0	6.7	6.7	8.3	6.2
SWI-1122	4.3	6.0	5.3	6.0	6.3	6.3	6.3	6.0	7.0	6.0	8.7	6.2
BAR 7CD5	5.0	6.3	6.0	6.0	7.0	5.7	5.3	6.0	5.3	6.7	8.3	6.2
PSG 9BAN	4.3	6.0	5.7	6.0	6.0	6.3	6.3	5.7	5.3	7.3	8.7	6.2
SWI-1081	5.7	6.3	4.7	6.3	6.3	5.3	6.3	5.3	5.7	6.7	8.7	6.1
SWI-1083	4.7	6.0	4.0	6.3	6.7	5.7	6.3	5.0	6.7	7.0	8.3	6.1
IS-01-201	5.3	5.3	5.0	5.7	6.0	5.0	6.3	5.7	6.7	6.7	8.0	6.0
SUNSPORT	3.7	5.7	4.7	5.7	6.3	5.7	6.0	5.7	6.3	5.7	8.0	5.8
PSG 94524	4.7	5.3	4.3	5.3	6.3	4.7	6.0	5.3	5.3	6.3	8.3	5.6
PSG 91215	3.7	4.3	5.3	5.3	6.3	5.3	6.3	5.3	4.7	5.7	8.3	5.5
SWI-1117	4.3	4.3	4.3	5.3	5.7	5.7	6.3	5.7	5.7	5.3	8.0	5.5
NUMEX-SAHARA	3.3	5.0	3.3	6.0	6.0	5.3	5.3	4.7	5.0	5.0	7.7	5.2
LSD VALUE	0.9	1.4	1.7	0.8	1.0	1.3	1.1	0.9	1.1	1.1	0.8	0.3
C.V. (%)	10.9	13.6	19.8	7.8	9.5	14.0	10.4	10.2	10.8	10.4	5.6	11.2

TABLE 11C.

SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AR1	AZ1	CA3	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TX1	MEAN
TIFWAY	8.0	8.0	7.7	6.7	8.0	6.0	9.0	7.3	8.7	8.3	9.0	7.9
NORTHBRIDGE (OKC 1134)	8.3	9.0	7.0	6.3	8.0	7.7	7.3	7.0	8.7	8.0	9.0	7.8
LATITUDE 36 (OKC 1119)	8.7	8.7	8.0	6.3	7.7	5.7	8.0	6.3	8.7	8.0	9.0	7.7
PREMIER	8.0	8.3	6.7	6.7	8.3	6.3	8.7	6.7	8.3	7.7	9.0	7.7
PATRIOT	7.3	7.7	7.7	6.0	8.0	6.3	7.7	4.7	7.3	7.0	8.7	7.1
MIDLAWN	7.3	7.7	6.3	6.0	7.3	5.3	6.7	5.3	8.0	6.0	9.0	6.8
LSD VALUE	0.8	0.8	0.8	1.0	0.9	1.4	1.0	1.1	1.1	0.8	0.4	0.3
C.V. (%)	5.9	5.7	6.5	9.8	7.3	14.2	7.9	10.7	8.1	7.0	2.6	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 12A. FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	FL1	FL3	TX1	MEAN
NORTHBRIDGE (OKC 1134)	8.7	6.3	5.7	7.3	7.3	7.1
TIFWAY	8.0	7.0	5.3	8.0	7.0	7.1
LATITUDE 36 (OKC 1119)	8.7	6.0	5.0	8.0	6.7	6.9
PRINCESS 77	8.3	5.3	5.7	7.0	7.0	6.7
YUKON	7.7	5.7	5.0	8.0	7.0	6.7
PREMIER	8.7	5.7	5.7	7.3	6.0	6.7
SWI-1113	7.7	6.0	5.3	7.3	7.0	6.7
SWI-1057	7.7	5.3	6.0	7.3	6.3	6.5
VERACRUZ	8.0	5.3	5.3	6.7	7.3	6.5
PSG 9Y20K	7.7	5.3	5.3	7.3	6.7	6.5
RIVIERA	7.3	5.5	5.0	6.7	7.3	6.4
RAD-CD1	7.3	4.5	5.7	6.7	7.3	6.3
SWI-1070	7.3	4.7	5.3	6.7	7.3	6.3
OKS 2004-2	7.0	5.0	5.0	7.0	7.0	6.2
SWI-1122	7.3	5.0	5.0	7.0	6.7	6.2
HOLLYWOOD (J-720)	7.7	4.3	5.0	6.7	6.7	6.1
PSG PROK	6.3	5.5	5.0	6.3	7.0	6.0
BAR 7CD5	7.0	4.7	5.3	6.0	7.0	6.0
MIDLAWN	6.3	5.3	5.3	6.7	6.3	6.0
PSG 9BAN	6.7	4.3	6.0	6.3	6.7	6.0
PYRAMID 2 (IS-CD10)	6.7	3.7	5.3	7.3	6.3	5.9
PATRIOT	5.7	5.5	4.7	7.0	6.0	5.8
GOLD GLOVE (PST-R6FLT)	6.7	4.0	5.0	6.0	7.0	5.7
SUNSPORT	6.7	5.0	5.0	6.0	6.0	5.7
SWI-1081	6.7	3.3	5.0	6.7	6.7	5.7
SWI-1083	6.7	3.0	5.0	6.7	6.7	5.6
SWI-1117	6.0	4.0	5.3	6.0	6.7	5.6
PSG 91215	6.0	3.7	5.0	6.7	6.3	5.5
PSG 94524	5.7	4.5	5.0	6.0	6.3	5.5
IS-01-201	6.3	2.7	5.0	6.7	6.7	5.5
NUMEX-SAHARA	5.0	3.5	5.0	6.0	6.3	5.2
LSD VALUE	1.3	1.7	0.9	1.2	1.2	0.6
C.V. (%)	11.6	19.6	10.3	10.9	11.2	12.5

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

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

TABLE 12B. FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	AZ1	CA3	FL1	FL3	TX1	
PRINCESS 77	8.3	5.3	5.7	7.0	7.0	6.7
YUKON	7.7	5.7	5.0	8.0	7.0	6.7
SWI-1113	7.7	6.0	5.3	7.3	7.0	6.7
SWI-1057	7.7	5.3	6.0	7.3	6.3	6.5
VERACRUZ	8.0	5.3	5.3	6.7	7.3	6.5
PSG 9Y2OK	7.7	5.3	5.3	7.3	6.7	6.5
RIVIERA	7.3	5.5	5.0	6.7	7.3	6.4
RAD-CD1	7.3	4.5	5.7	6.7	7.3	6.3
SWI-1070	7.3	4.7	5.3	6.7	7.3	6.3
OKS 2004-2	7.0	5.0	5.0	7.0	7.0	6.2
SWI-1122	7.3	5.0	5.0	7.0	6.7	6.2
HOLLYWOOD (J-720)	7.7	4.3	5.0	6.7	6.7	6.1
PSG PROK	6.3	5.5	5.0	6.3	7.0	6.0
BAR 7CD5	7.0	4.7	5.3	6.0	7.0	6.0
PSG 9BAN	6.7	4.3	6.0	6.3	6.7	6.0
PYRAMID 2 (IS-CD10)	6.7	3.7	5.3	7.3	6.3	5.9
GOLD GLOVE (PST-R6FLT)	6.7	4.0	5.0	6.0	7.0	5.7
SUNSPORT	6.7	5.0	5.0	6.0	6.0	5.7
SWI-1081	6.7	3.3	5.0	6.7	6.7	5.7
SWI-1083	6.7	3.0	5.0	6.7	6.7	5.6
SWI-1117	6.0	4.0	5.3	6.0	6.7	5.6
PSG 91215	6.0	3.7	5.0	6.7	6.3	5.5
PSG 94524	5.7	4.5	5.0	6.0	6.3	5.5
IS-01-201	6.3	2.7	5.0	6.7	6.7	5.5
NUMEX-SAHARA	5.0	3.5	5.0	6.0	6.3	5.2
LSD VALUE	1.2	1.9	0.9	1.0	1.1	0.5
C.V. (%)	10.5	22.8	10.3	9.5	10.5	12.2

TABLE 12C. FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					MEAN
	AZ1	CA3	FL1	FL3	TX1	
NORTHBRIDGE (OKC 1134)	8.7	6.3	5.7	7.3	7.3	7.1
TIFWAY	8.0	7.0	5.3	8.0	7.0	7.1
LATITUDE 36 (OKC 1119)	8.7	6.0	5.0	8.0	6.7	6.9
PREMIER	8.7	5.7	5.7	7.3	6.0	6.7
MIDLAWN	6.3	5.3	5.3	6.7	6.3	6.0
PATRIOT	5.7	5.5	4.7	7.0	6.0	5.8
LSD VALUE	1.8	0.8	0.8	1.7	1.5	0.6
C.V. (%)	14.7	8.0	10.0	14.6	13.9	13.3

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 13A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AZ1	GA1	MS1	NC1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	94.3	99.0	93.3	99.0	81.0	94.7	93.6
PATRIOT	86.7	89.7	93.3	99.0	84.7	83.0	89.4
MIDLAWN	83.3	93.0	90.0	92.7	73.3	99.0	88.6
PSG 9Y20K	75.0	93.0	88.3	99.0	84.0	88.3	87.9
YUKON	65.0	83.0	90.0	99.0	75.0	97.7	84.9
BAR 7CD5	61.7	83.3	90.0	99.0	73.3	93.3	83.4
RAD-CD1	43.3	93.0	88.3	99.0	84.0	88.3	82.7
HOLLYWOOD (J-720)	80.0	99.0	88.3	99.0	79.0	43.3	81.4
RIVIERA	65.0	96.0	83.3	99.0	85.7	58.3	81.2
LATITUDE 36 (OKC 1119)	66.7	96.0	93.3	99.0	91.3	40.0	81.1
PREMIER	75.0	99.0	83.3	99.0	82.3	45.0	80.6
OKS 2004-2	60.0	99.0	88.3	99.0	81.0	43.3	78.4
TIFWAY	80.0	99.0	95.0	99.0	71.7	15.7	76.7
PSG PROK	45.0	96.0	88.3	99.0	73.3	56.7	76.4
SWI-1070	73.3	99.0	90.0	99.0	76.7	7.3	74.2
SWI-1122	60.0	99.0	88.3	99.0	71.7	17.3	72.6
SWI-1057	85.0	93.0	88.3	99.0	56.7	5.0	71.2
PYRAMID 2 (IS-CD10)	51.7	93.0	88.3	99.0	71.7	19.0	70.4
SWI-1113	31.7	99.0	91.7	99.0	80.7	4.0	67.7
PRINCESS 77	51.7	99.0	88.3	99.0	63.3	4.0	67.6
SWI-1081	51.7	93.0	83.3	97.7	63.3	10.0	66.5
SWI-1083	38.3	93.0	85.0	99.0	71.7	6.0	65.5
PSG 9BAN	41.7	99.0	85.0	88.0	59.0	8.7	63.6
IS-01-201	33.3	86.7	85.0	99.0	68.3	4.0	62.7
GOLD GLOVE (PST-R6FLT)	28.3	96.0	83.3	99.0	63.3	6.0	62.7
VERACRUZ	51.7	89.3	88.3	97.7	36.7	11.7	62.6
SUNSPORT	36.7	89.7	86.7	99.0	53.3	5.0	61.7
PSG 94524	25.0	86.7	88.3	99.0	66.0	4.7	61.6
NUMEX-SAHARA	25.0	90.0	81.7	97.7	59.0	2.3	59.3
SWI-1117	16.7	89.7	85.0	99.0	55.0	6.3	58.6
PSG 91215	10.0	86.7	85.0	96.0	68.3	3.7	58.3
LSD VALUE	33.5	10.8	5.6	4.7	6.5	13.5	6.5
C.V. (%)	38.2	7.2	4.0	3.0	5.7	24.3	13.5

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

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

TABLE 13B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AZ1	GA1	MS1	NC1	TN1	VA1	MEAN
PSG 9Y20K	75.0	93.0	88.3	99.0	84.0	88.3	87.9
YUKON	65.0	83.0	90.0	99.0	75.0	97.7	84.9
BAR 7CD5	61.7	83.3	90.0	99.0	73.3	93.3	83.4
RAD-CD1	43.3	93.0	88.3	99.0	84.0	88.3	82.7
HOLLYWOOD (J-720)	80.0	99.0	88.3	99.0	79.0	43.3	81.4
RIVIERA	65.0	96.0	83.3	99.0	85.7	58.3	81.2
OKS 2004-2	60.0	99.0	88.3	99.0	81.0	43.3	78.4
PSG PROK	45.0	96.0	88.3	99.0	73.3	56.7	76.4
SWI-1070	73.3	99.0	90.0	99.0	76.7	7.3	74.2
SWI-1122	60.0	99.0	88.3	99.0	71.7	17.3	72.6
SWI-1057	85.0	93.0	88.3	99.0	56.7	5.0	71.2
PYRAMID 2 (IS-CD10)	51.7	93.0	88.3	99.0	71.7	19.0	70.4
SWI-1113	31.7	99.0	91.7	99.0	80.7	4.0	67.7
PRINCESS 77	51.7	99.0	88.3	99.0	63.3	4.0	67.6
SWI-1081	51.7	93.0	83.3	97.7	63.3	10.0	66.5
SWI-1083	38.3	93.0	85.0	99.0	71.7	6.0	65.5
PSG 9BAN	41.7	99.0	85.0	88.0	59.0	8.7	63.6
IS-01-201	33.3	86.7	85.0	99.0	68.3	4.0	62.7
GOLD GLOVE (PST-R6FLT)	28.3	96.0	83.3	99.0	63.3	6.0	62.7
VERACRUZ	51.7	89.3	88.3	97.7	36.7	11.7	62.6
SUNSPORT	36.7	89.7	86.7	99.0	53.3	5.0	61.7
PSG 94524	25.0	86.7	88.3	99.0	66.0	4.7	61.6
NUMEX-SAHARA	25.0	90.0	81.7	97.7	59.0	2.3	59.3
SWI-1117	16.7	89.7	85.0	99.0	55.0	6.3	58.6
PSG 91215	10.0	86.7	85.0	96.0	68.3	3.7	58.3
LSD VALUE	36.6	11.4	5.7	3.8	6.1	11.5	6.8
C.V. (%)	47.1	7.6	4.1	2.4	5.5	25.7	14.8

TABLE 13C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AZ1	GA1	MS1	NC1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	94.3	99.0	93.3	99.0	81.0	94.7	93.6
PATRIOT	86.7	89.7	93.3	99.0	84.7	83.0	89.4
MIDLAWN	83.3	93.0	90.0	92.7	73.3	99.0	88.6
LATITUDE 36 (OKC 1119)	66.7	96.0	93.3	99.0	91.3	40.0	81.1
PREMIER	75.0	99.0	83.3	99.0	82.3	45.0	80.6
TIFWAY	80.0	99.0	95.0	99.0	71.7	15.7	76.7
LSD VALUE	15.3	7.9	5.0	7.2	8.1	19.7	4.8
C.V. (%)	11.7	5.1	3.4	4.6	6.2	19.5	8.6

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 14A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	92.0	99.0	95.3	99.0	96.3
PSG 9Y20K	92.3	96.0	96.7	99.0	96.0
MIDLAWN	91.0	91.7	95.7	99.0	94.3
PATRIOT	83.7	96.3	95.3	99.0	93.6
HOLLYWOOD (J-720)	92.0	93.3	97.0	90.0	93.1
YUKON	90.3	85.0	96.7	99.0	92.8
LATITUDE 36 (OKC 1119)	96.7	90.7	98.7	81.7	91.9
BAR 7CD5	90.7	81.7	96.0	99.0	91.8
RIVIERA	88.3	84.3	97.7	96.3	91.7
RAD-CD1	92.0	80.0	95.7	97.7	91.3
OKS 2004-2	92.7	84.3	96.3	90.0	90.8
PREMIER	90.3	94.3	97.0	76.7	89.6
SWI-1122	90.3	89.0	97.0	73.3	87.4
TIFWAY	91.0	98.3	97.0	51.7	84.5
PYRAMID 2 (IS-CD10)	88.3	80.0	96.3	73.3	84.5
SWI-1070	94.3	91.3	96.3	50.0	83.0
PSG PROK	87.7	69.0	96.0	78.3	82.8
SWI-1081	91.0	83.3	95.0	31.7	75.3
SWI-1057	92.7	97.3	96.3	11.7	74.5
PSG 9BAN	89.3	68.3	97.0	38.3	73.3
VERACRUZ	95.0	78.3	96.7	21.7	72.9
SWI-1083	90.0	75.0	96.7	23.3	71.3
PRINCESS 77	90.7	76.7	96.3	8.0	67.9
SUNSPORT	90.7	68.3	97.3	11.7	67.0
IS-01-201	87.3	65.0	95.7	14.3	65.6
SWI-1113	90.0	63.3	95.7	11.7	65.2
PSG 94524	88.7	48.3	96.3	26.7	65.0
GOLD GLOVE (PST-R6FLT)	80.0	61.7	96.0	15.0	63.2
SWI-1117	90.7	41.7	94.3	17.7	61.1
PSG 91215	83.3	45.0	95.0	18.3	60.4
NUMEX-SAHARA	85.0	47.3	95.0	8.3	58.9
LSD VALUE	6.2	32.0	1.8	14.7	9.0
C.V. (%)	4.3	25.4	1.1	16.6	13.9

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

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

TABLE 14B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
PSG 9Y20K	92.3	96.0	96.7	99.0	96.0
HOLLYWOOD (J-720)	92.0	93.3	97.0	90.0	93.1
YUKON	90.3	85.0	96.7	99.0	92.8
BAR 7CD5	90.7	81.7	96.0	99.0	91.8
RIVIERA	88.3	84.3	97.7	96.3	91.7
RAD-CD1	92.0	80.0	95.7	97.7	91.3
OKS 2004-2	92.7	84.3	96.3	90.0	90.8
SWI-1122	90.3	89.0	97.0	73.3	87.4
PYRAMID 2 (IS-CD10)	88.3	80.0	96.3	73.3	84.5
SWI-1070	94.3	91.3	96.3	50.0	83.0
PSG PROK	87.7	69.0	96.0	78.3	82.8
SWI-1081	91.0	83.3	95.0	31.7	75.3
SWI-1057	92.7	97.3	96.3	11.7	74.5
PSG 9BAN	89.3	68.3	97.0	38.3	73.3
VERACRUZ	95.0	78.3	96.7	21.7	72.9
SWI-1083	90.0	75.0	96.7	23.3	71.3
PRINCESS 77	90.7	76.7	96.3	8.0	67.9
SUNSPORT	90.7	68.3	97.3	11.7	67.0
IS-01-201	87.3	65.0	95.7	14.3	65.6
SWI-1113	90.0	63.3	95.7	11.7	65.2
PSG 94524	88.7	48.3	96.3	26.7	65.0
GOLD GLOVE (PST-R6FLT)	80.0	61.7	96.0	15.0	63.2
SWI-1117	90.7	41.7	94.3	17.7	61.1
PSG 91215	83.3	45.0	95.0	18.3	60.4
NUMEX-SAHARA	85.0	47.3	95.0	8.3	58.9
LSD VALUE	5.9	35.4	1.7	15.2	9.8
C.V. (%)	4.1	29.7	1.1	19.6	15.7

TABLE 14C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	92.0	99.0	95.3	99.0	96.3
MIDLAWN	91.0	91.7	95.7	99.0	94.3
PATRIOT	83.7	96.3	95.3	99.0	93.6
LATITUDE 36 (OKC 1119)	96.7	90.7	98.7	81.7	91.9
PREMIER	90.3	94.3	97.0	76.7	89.6
TIFWAY	91.0	98.3	97.0	51.7	84.5
LSD VALUE	7.1	7.8	2.0	12.7	4.2
C.V. (%)	4.8	5.1	1.3	9.4	5.6

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 15A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	91.3	99.0	90.7	99.0	95.0
YUKON	93.3	97.3	90.3	99.0	95.0
LATITUDE 36 (OKC 1119)	82.7	98.7	90.7	99.0	92.8
TIFWAY	99.0	96.3	87.3	88.3	92.8
BAR 7CD5	92.7	95.7	82.7	99.0	92.5
OKS 2004-2	91.0	98.7	81.3	99.0	92.5
MIDLAWN	97.3	90.0	83.0	99.0	92.3
HOLLYWOOD (J-720)	85.7	96.0	88.0	99.0	92.2
PATRIOT	87.0	98.3	83.3	99.0	91.9
SWI-1122	87.7	97.3	86.3	96.0	91.8
PREMIER	88.7	96.0	87.3	94.7	91.7
SWI-1070	84.7	97.0	85.7	97.7	91.3
RAD-CD1	84.3	97.0	84.7	99.0	91.3
PSG 9Y20K	85.3	99.0	81.0	99.0	91.1
RIVIERA	86.7	96.3	82.3	99.0	91.1
PSG PROK	86.7	97.7	82.0	97.7	91.0
PSG 9BAN	85.0	98.7	87.0	89.3	90.0
PYRAMID 2 (IS-CD10)	81.0	97.3	81.7	99.0	89.8
SWI-1081	80.7	97.7	84.7	89.3	88.1
PSG 91215	84.0	98.7	85.3	83.3	87.8
SWI-1083	80.3	96.0	83.7	88.0	87.0
SWI-1113	89.3	94.0	85.3	75.0	85.9
PSG 94524	79.7	98.7	83.7	80.0	85.5
SUNSPORT	79.0	96.3	80.0	76.7	83.0
VERACRUZ	91.7	98.7	84.0	53.3	81.9
GOLD GLOVE (PST-R6FLT)	82.7	96.0	81.7	66.7	81.8
SWI-1057	89.0	96.0	85.3	53.3	80.9
NUMEX-SAHARA	84.3	96.3	77.3	61.7	79.9
IS-01-201	77.3	97.0	85.7	58.3	79.6
PRINCESS 77	91.0	97.3	83.0	40.0	77.8
SWI-1117	76.7	94.3	81.0	55.0	76.8
LSD VALUE	7.3	5.2	6.6	17.7	5.2
C.V. (%)	5.3	3.3	4.8	13.0	7.4

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 15B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
YUKON	93.3	97.3	90.3	99.0	95.0
BAR 7CD5	92.7	95.7	82.7	99.0	92.5
OKS 2004-2	91.0	98.7	81.3	99.0	92.5
HOLLYWOOD (J-720)	85.7	96.0	88.0	99.0	92.2
SWI-1122	87.7	97.3	86.3	96.0	91.8
SWI-1070	84.7	97.0	85.7	97.7	91.3
RAD-CD1	84.3	97.0	84.7	99.0	91.3
PSG 9Y20K	85.3	99.0	81.0	99.0	91.1
RIVIERA	86.7	96.3	82.3	99.0	91.1
PSG PROK	86.7	97.7	82.0	97.7	91.0
PSG 9BAN	85.0	98.7	87.0	89.3	90.0
PYRAMID 2 (IS-CD10)	81.0	97.3	81.7	99.0	89.8
SWI-1081	80.7	97.7	84.7	89.3	88.1
PSG 91215	84.0	98.7	85.3	83.3	87.8
SWI-1083	80.3	96.0	83.7	88.0	87.0
SWI-1113	89.3	94.0	85.3	75.0	85.9
PSG 94524	79.7	98.7	83.7	80.0	85.5
SUNSPORT	79.0	96.3	80.0	76.7	83.0
VERACRUZ	91.7	98.7	84.0	53.3	81.9
GOLD GLOVE (PST-R6FLT)	82.7	96.0	81.7	66.7	81.8
SWI-1057	89.0	96.0	85.3	53.3	80.9
NUMEX-SAHARA	84.3	96.3	77.3	61.7	79.9
IS-01-201	77.3	97.0	85.7	58.3	79.6
PRINCESS 77	91.0	97.3	83.0	40.0	77.8
SWI-1117	76.7	94.3	81.0	55.0	76.8
LSD VALUE	7.8	4.7	6.9	19.6	5.7
C.V. (%)	5.7	3.0	5.1	14.9	8.1

TABLE 15C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	AZ1	TN1	VA1	MEAN
NORTHBRIDGE (OKC 1134)	91.3	99.0	90.7	99.0	95.0
LATITUDE 36 (OKC 1119)	82.7	98.7	90.7	99.0	92.8
TIFWAY	99.0	96.3	87.3	88.3	92.8
MIDLAWN	97.3	90.0	83.0	99.0	92.3
PATRIOT	87.0	98.3	83.3	99.0	91.9
PREMIER	88.7	96.0	87.3	94.7	91.7
LSD VALUE	5.2	6.8	5.2	3.5	2.7
C.V. (%)	3.5	4.4	3.7	2.3	3.6

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 16A. FROST TOLERANCE RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	CA3
TIFWAY	4.3
RIVIERA	2.5
SWI-1057	2.3
BAR 7CD5	2.0
MIDLAWN	2.0
NORTHBRIDGE (OKC 1134)	2.0
OKS 2004-2	2.0
PREMIER	2.0
PRINCESS 77	2.0
PSG 94524	2.0
PSG 9Y20K	2.0
PSG PROK	2.0
RAD-CD1	2.0
SWI-1081	2.0
SWI-1122	2.0
YUKON	2.0
HOLLYWOOD (J-720)	1.7
LATITUDE 36 (OKC 1119)	1.7
PSG 91215	1.7
PSG 9BAN	1.7
SWI-1070	1.7
SWI-1113	1.7
VERACRUZ	1.7
NUMEX-SAHARA	1.5
PATRIOT	1.5
SUNSPORT	1.5
PYRAMID 2 (IS-CD10)	1.3
GOLD GLOVE (PST-R6FLT)	1.0
IS-01-201	1.0
SWI-1083	1.0
SWI-1117	1.0
LSD VALUE	1.1
C.V. (%)	33.1

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 16B. FROST TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	CA3
RIVIERA	2.5
SWI-1057	2.3
BAR 7CD5	2.0
OKS 2004-2	2.0
PRINCESS 77	2.0
PSG 94524	2.0
PSG 9Y20K	2.0
PSG PROK	2.0
RAD-CD1	2.0
SWI-1081	2.0
SWI-1122	2.0
YUKON	2.0
HOLLYWOOD (J-720)	1.7
PSG 91215	1.7
PSG 9BAN	1.7
SWI-1070	1.7
SWI-1113	1.7
VERACRUZ	1.7
NUMEX-SAHARA	1.5
SUNSPORT	1.5
PYRAMID 2 (IS-CD10)	1.3
GOLD GLOVE (PST-R6FLT)	1.0
IS-01-201	1.0
SWI-1083	1.0
SWI-1117	1.0
LSD VALUE	1.1
C.V. (%)	35.3

TABLE 16C. FROST TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	CA3
TIFWAY	4.3
MIDLAWN	2.0
NORTHBRIDGE (OKC 1134)	2.0
PREMIER	2.0
LATITUDE 36 (OKC 1119)	1.7
PATRIOT	1.5
LSD VALUE	1.0
C.V. (%)	26.2

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 17A. WINTER COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/					
NAME	AZ1	CA3	GA1	VA1	MEAN
TIFWAY	2.7	4.7	6.0	7.3	5.2
PREMIER	1.3	3.0	4.7	6.7	3.9
PRINCESS 77	2.0	1.7	6.0	6.0	3.9
NORTHBRIDGE (OKC 1134)	1.3	3.0	4.7	6.3	3.8
BAR 7CD5	2.0	2.3	5.7	5.0	3.8
HOLLYWOOD (J-720)	1.3	2.7	5.0	6.0	3.8
RIVIERA	1.3	3.7	4.7	5.3	3.8
SWI-1057	1.7	3.0	4.7	5.7	3.8
LATITUDE 36 (OKC 1119)	1.7	2.3	4.7	6.0	3.7
MIDLAWN	1.3	2.7	5.0	5.7	3.7
YUKON	1.7	2.3	5.3	5.3	3.7
SWI-1113	1.3	1.7	5.3	6.0	3.6
VERACRUZ	1.7	1.7	5.7	5.3	3.6
OKS 2004-2	1.0	3.3	4.0	5.7	3.5
RAD-CD1	1.7	1.7	4.7	6.0	3.5
PSG 91215	1.3	2.7	4.0	5.7	3.4
PYRAMID 2 (IS-CD10)	1.0	2.3	5.0	5.3	3.4
SWI-1083	1.0	2.3	4.7	5.7	3.4
GOLD GLOVE (PST-R6FLT)	1.0	2.3	4.3	6.0	3.4
SUNSPORT	1.0	2.3	5.3	5.0	3.4
PSG 94524	1.0	1.7	5.7	5.0	3.3
SWI-1081	1.0	2.7	4.7	5.0	3.3
PSG 9Y20K	1.3	1.3	5.3	5.3	3.3
PSG 9BAN	1.0	2.3	4.3	5.3	3.3
PSG PROK	1.0	2.0	5.0	5.0	3.3
SWI-1070	1.3	1.7	4.7	5.3	3.3
SWI-1122	1.0	2.0	4.7	5.0	3.2
NUMEX-SAHARA	1.0	2.0	4.3	5.0	3.1
IS-01-201	1.0	2.0	4.0	5.0	3.0
PATRIOT	1.0	1.0	5.0	5.0	3.0
SWI-1117	1.0	2.0	3.7	5.3	3.0
LSD VALUE	0.7	1.5	1.7	0.7	0.6
C.V. (%)	33.3	38.7	21.9	8.1	21.8

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 17B. WINTER COLOR RATINGS OF BERMU DAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	GA1	VA1	MEAN
PRINCESS 77	2.0	1.7	6.0	6.0	3.9
BAR 7CD5	2.0	2.3	5.7	5.0	3.8
HOLLYWOOD (J-720)	1.3	2.7	5.0	6.0	3.8
RIVIERA	1.3	3.7	4.7	5.3	3.8
SWI-1057	1.7	3.0	4.7	5.7	3.8
YUKON	1.7	2.3	5.3	5.3	3.7
SWI-1113	1.3	1.7	5.3	6.0	3.6
VERACRUZ	1.7	1.7	5.7	5.3	3.6
OKS 2004-2	1.0	3.3	4.0	5.7	3.5
RAD-CD1	1.7	1.7	4.7	6.0	3.5
PSG 91215	1.3	2.7	4.0	5.7	3.4
PYRAMID 2 (IS-CD10)	1.0	2.3	5.0	5.3	3.4
SWI-1083	1.0	2.3	4.7	5.7	3.4
GOLD GLOVE (PST-R6FLT)	1.0	2.3	4.3	6.0	3.4
SUNSPORT	1.0	2.3	5.3	5.0	3.4
PSG 94524	1.0	1.7	5.7	5.0	3.3
SWI-1081	1.0	2.7	4.7	5.0	3.3
PSG 9Y20K	1.3	1.3	5.3	5.3	3.3
PSG 9BAN	1.0	2.3	4.3	5.3	3.3
PSG PROK	1.0	2.0	5.0	5.0	3.3
SWI-1070	1.3	1.7	4.7	5.3	3.3
SWI-1122	1.0	2.0	4.7	5.0	3.2
NUMEX-SAHARA	1.0	2.0	4.3	5.0	3.1
IS-01-201	1.0	2.0	4.0	5.0	3.0
SWI-1117	1.0	2.0	3.7	5.3	3.0
LSD VALUE	0.7	1.5	1.7	0.6	0.6
C.V. (%)	32.9	40.5	21.9	7.4	21.9

TABLE 17C. WINTER COLOR RATINGS OF BERMU DAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	GA1	VA1	MEAN
TIFWAY	2.7	4.7	6.0	7.3	5.2
PREMIER	1.3	3.0	4.7	6.7	3.9
NORTHBRIDGE (OKC 1134)	1.3	3.0	4.7	6.3	3.8
LATITUDE 36 (OKC 1119)	1.7	2.3	4.7	6.0	3.7
MIDLAWN	1.3	2.7	5.0	5.7	3.7
PATRIOT	1.0	1.0	5.0	5.0	3.0
LSD VALUE	0.8	1.5	1.7	1.0	0.7
C.V. (%)	33.9	32.9	21.6	10.1	21.1

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

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

TABLE 18A. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	MEAN
SWI-1113	7.7	6.0	7.0	6.9
SWI-1057	7.3	6.5	6.7	6.8
SWI-1081	7.0	6.0	7.3	6.8
TIFWAY	7.0	6.0	7.3	6.8
PSG 9Y20K	6.7	6.3	7.0	6.7
RAD-CD1	7.0	6.3	6.7	6.7
SWI-1070	7.0	6.3	6.7	6.7
VERACRUZ	6.7	6.3	6.7	6.6
PREMIER	6.3	6.3	7.0	6.6
SWI-1117	6.3	6.3	7.0	6.6
HOLLYWOOD (J-720)	6.0	6.0	7.3	6.4
PSG 9BAN	6.3	6.3	6.7	6.4
PSG PROK	6.3	6.0	7.0	6.4
SWI-1122	6.3	6.0	7.0	6.4
PRINCESS 77	5.3	6.3	7.3	6.3
YUKON	6.3	6.0	6.7	6.3
IS-01-201	6.0	5.7	7.0	6.2
NORTHBRIDGE (OKC 1134)	5.7	6.3	6.7	6.2
PSG 91215	6.3	5.7	6.7	6.2
RIVIERA	6.0	6.0	6.7	6.2
SWI-1083	6.0	6.0	6.7	6.2
OKS 2004-2	6.3	6.0	6.3	6.2
GOLD GLOVE (PST-R6FLT)	5.7	6.0	6.7	6.1
LATITUDE 36 (OKC 1119)	5.7	6.0	6.7	6.1
PSG 94524	6.3	5.3	6.7	6.1
BAR 7CD5	6.0	5.7	6.3	6.0
NUMEX-SAHARA	5.7	6.0	6.3	6.0
PYRAMID 2 (IS-CD10)	5.0	6.0	7.0	6.0
SUNSPORT	5.7	5.7	6.7	6.0
MIDLAWN	4.3	5.7	7.3	5.8
PATRIOT	4.7	5.3	7.0	5.7
LSD VALUE	1.2	0.7	1.0	0.6
C.V. (%)	12.4	7.2	8.8	9.7

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 18B. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	MEAN
SWI-1113	7.7	6.0	7.0	6.9
SWI-1057	7.3	6.5	6.7	6.8
SWI-1081	7.0	6.0	7.3	6.8
PSG 9Y20K	6.7	6.3	7.0	6.7
RAD-CD1	7.0	6.3	6.7	6.7
SWI-1070	7.0	6.3	6.7	6.7
VERACRUZ	6.7	6.3	6.7	6.6
SWI-1117	6.3	6.3	7.0	6.6
HOLLYWOOD (J-720)	6.0	6.0	7.3	6.4
PSG 9BAN	6.3	6.3	6.7	6.4
PSG PROK	6.3	6.0	7.0	6.4
SWI-1122	6.3	6.0	7.0	6.4
PRINCESS 77	5.3	6.3	7.3	6.3
YUKON	6.3	6.0	6.7	6.3
IS-01-201	6.0	5.7	7.0	6.2
PSG 91215	6.3	5.7	6.7	6.2
RIVIERA	6.0	6.0	6.7	6.2
SWI-1083	6.0	6.0	6.7	6.2
OKS 2004-2	6.3	6.0	6.3	6.2
GOLD GLOVE (PST-R6FLT)	5.7	6.0	6.7	6.1
PSG 94524	6.3	5.3	6.7	6.1
BAR 7CD5	6.0	5.7	6.3	6.0
NUMEX-SAHARA	5.7	6.0	6.3	6.0
PYRAMID 2 (IS-CD10)	5.0	6.0	7.0	6.0
SUNSPORT	5.7	5.7	6.7	6.0
LSD VALUE	1.0	0.7	0.9	0.5
C.V. (%)	10.2	7.0	8.3	8.7

TABLE 18C. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	MEAN
TIFWAY	7.0	6.0	7.3	6.8
PREMIER	6.3	6.3	7.0	6.6
NORTHBRIDGE (OKC 1134)	5.7	6.3	6.7	6.2
LATITUDE 36 (OKC 1119)	5.7	6.0	6.7	6.1
MIDLAWN	4.3	5.7	7.3	5.8
PATRIOT	4.7	5.3	7.0	5.7
LSD VALUE	1.8	0.8	1.2	0.8
C.V. (%)	20.1	7.9	10.6	13.4

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 19A. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TN1	MEAN
TIFWAY	7.3	6.0	7.3	7.7	7.0	7.0	7.3	8.7	8.0	7.4
LATITUDE 36 (OKC 1119)	6.7	6.0	7.3	6.7	7.3	5.3	6.3	7.7	7.3	6.7
SWI-1057	6.0	6.5	7.7	6.7	7.3	6.0	5.7	7.0	7.7	6.7
PREMIER	5.7	6.0	7.0	7.0	8.0	4.7	6.3	7.7	7.3	6.6
SWI-1113	6.3	6.0	7.0	7.3	6.0	6.0	5.7	7.3	7.7	6.6
YUKON	7.0	6.0	7.7	7.0	5.3	6.0	6.3	6.3	7.3	6.6
NORTHBRIDGE (OKC 1134)	6.3	5.7	7.0	7.0	7.3	4.7	5.7	8.0	7.3	6.6
PSG 9Y20K	7.7	6.3	7.0	7.0	5.7	6.0	5.0	7.0	7.3	6.6
PRINCESS 77	6.3	6.3	7.0	7.0	5.7	6.0	5.7	7.0	8.0	6.6
RAD-CD1	6.7	6.3	7.7	6.7	5.0	6.0	6.3	7.0	6.7	6.5
SWI-1070	6.3	6.3	7.7	6.7	5.7	6.0	5.7	7.3	6.7	6.5
HOLLYWOOD (J-720)	7.0	5.7	7.7	7.0	5.3	5.7	5.3	7.0	7.3	6.4
PSG PROK	7.0	6.0	7.0	6.7	6.3	6.0	4.3	7.0	7.7	6.4
SWI-1122	6.7	6.0	7.0	7.0	5.0	6.0	6.0	6.7	7.3	6.4
OKS 2004-2	7.7	6.0	7.0	7.0	4.7	5.7	4.3	7.0	7.0	6.3
PSG 9BAN	6.7	6.3	6.0	7.0	5.7	5.7	3.7	7.7	7.7	6.3
VERACRUZ	6.3	6.3	6.3	6.3	5.0	6.0	6.0	7.3	6.7	6.3
PYRAMID 2 (IS-CD10)	6.7	6.0	6.7	7.0	4.7	5.7	5.3	7.0	7.0	6.2
BAR 7CD5	7.0	5.7	6.7	6.3	4.3	5.0	7.0	6.3	7.7	6.2
PATRIOT	7.3	5.3	7.0	7.3	4.3	3.3	4.3	8.3	8.0	6.1
PSG 91215	6.7	6.0	7.3	6.3	5.0	5.3	4.0	7.0	7.7	6.1
GOLD GLOVE (PST-R6FLT)	6.3	6.0	5.7	6.3	5.7	5.3	5.0	7.0	7.7	6.1
SWI-1083	5.7	6.0	6.0	7.0	5.3	5.0	5.0	7.7	7.3	6.1
PSG 94524	6.3	5.7	6.0	6.3	5.7	5.3	4.7	6.7	7.3	6.0
RIVIERA	5.7	6.0	6.0	6.7	5.0	5.7	4.7	7.3	7.0	6.0
NUMEX-SAHARA	5.7	6.0	6.0	6.3	6.0	5.3	4.3	7.0	7.0	6.0
SWI-1081	6.3	6.0	6.0	6.7	4.7	5.3	4.0	7.3	7.0	5.9
SWI-1117	5.7	6.3	5.3	7.0	5.0	5.7	4.3	6.3	7.0	5.9
MIDLAWN	5.0	5.7	6.0	7.0	4.0	5.3	6.0	5.7	7.0	5.7
SUNSPORT	5.7	5.7	7.0	6.3	4.0	5.3	5.0	6.7	6.0	5.7
IS-01-201	6.3	5.7	5.7	6.7	4.0	5.0	3.7	7.0	7.3	5.7
LSD VALUE	1.3	0.7	1.0	0.8	1.3	0.7	1.8	0.9	0.9	0.4
C.V. (%)	12.6	7.0	9.5	7.0	15.0	8.4	21.6	7.6	8.0	11.0

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 19B. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TN1	MEAN
SWI-1057	6.0	6.5	7.7	6.7	7.3	6.0	5.7	7.0	7.7	6.7
SWI-1113	6.3	6.0	7.0	7.3	6.0	6.0	5.7	7.3	7.7	6.6
YUKON	7.0	6.0	7.7	7.0	5.3	6.0	6.3	6.3	7.3	6.6
PSG 9Y20K	7.7	6.3	7.0	7.0	5.7	6.0	5.0	7.0	7.3	6.6
PRINCESS 77	6.3	6.3	7.0	7.0	5.7	6.0	5.7	7.0	8.0	6.6
RAD-CD1	6.7	6.3	7.7	6.7	5.0	6.0	6.3	7.0	6.7	6.5
SWI-1070	6.3	6.3	7.7	6.7	5.7	6.0	5.7	7.3	6.7	6.5
HOLLYWOOD (J-720)	7.0	5.7	7.7	7.0	5.3	5.7	5.3	7.0	7.3	6.4
PSG PROK	7.0	6.0	7.0	6.7	6.3	6.0	4.3	7.0	7.7	6.4
SWI-1122	6.7	6.0	7.0	7.0	5.0	6.0	6.0	6.7	7.3	6.4
OKS 2004-2	7.7	6.0	7.0	7.0	4.7	5.7	4.3	7.0	7.0	6.3
PSG 9BAN	6.7	6.3	6.0	7.0	5.7	5.7	3.7	7.7	7.7	6.3
VERACRUZ	6.3	6.3	6.3	6.3	5.0	6.0	6.0	7.3	6.7	6.3
PYRAMID 2 (IS-CD10)	6.7	6.0	6.7	7.0	4.7	5.7	5.3	7.0	7.0	6.2
BAR 7CD5	7.0	5.7	6.7	6.3	4.3	5.0	7.0	6.3	7.7	6.2
PSG 91215	6.7	6.0	7.3	6.3	5.0	5.3	4.0	7.0	7.7	6.1
GOLD GLOVE (PST-R6FLT)	6.3	6.0	5.7	6.3	5.7	5.3	5.0	7.0	7.7	6.1
SWI-1083	5.7	6.0	6.0	7.0	5.3	5.0	5.0	7.7	7.3	6.1
PSG 94524	6.3	5.7	6.0	6.3	5.7	5.3	4.7	6.7	7.3	6.0
RIVIERA	5.7	6.0	6.0	6.7	5.0	5.7	4.7	7.3	7.0	6.0
NUMEX-SAHARA	5.7	6.0	6.0	6.3	6.0	5.3	4.3	7.0	7.0	6.0
SWI-1081	6.3	6.0	6.0	6.7	4.7	5.3	4.0	7.3	7.0	5.9
SWI-1117	5.7	6.3	5.3	7.0	5.0	5.7	4.3	6.3	7.0	5.9
SUNSPORT	5.7	5.7	7.0	6.3	4.0	5.3	5.0	6.7	6.0	5.7
IS-01-201	6.3	5.7	5.7	6.7	4.0	5.0	3.7	7.0	7.3	5.7
LSD VALUE	1.3	0.7	1.0	0.7	1.4	0.7	1.9	0.8	0.9	0.4
C.V. (%)	12.2	7.0	9.0	6.6	16.5	7.9	23.7	7.2	8.1	11.2

TABLE 19C. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	FL3	GA1	KY1	MS1	NC1	OK1	TN1	MEAN
TIFWAY	7.3	6.0	7.3	7.7	7.0	7.0	7.3	8.7	8.0	7.4
LATITUDE 36 (OKC 1119)	6.7	6.0	7.3	6.7	7.3	5.3	6.3	7.7	7.3	6.7
PREMIER	5.7	6.0	7.0	7.0	8.0	4.7	6.3	7.7	7.3	6.6
NORTHBRIDGE (OKC 1134)	6.3	5.7	7.0	7.0	7.3	4.7	5.7	8.0	7.3	6.6
PATRIOT	7.3	5.3	7.0	7.3	4.3	3.3	4.3	8.3	8.0	6.1
MIDLAWN	5.0	5.7	6.0	7.0	4.0	5.3	6.0	5.7	7.0	5.7
LSD VALUE	1.4	0.7	1.3	0.9	0.9	0.8	1.3	1.1	0.9	0.4
C.V. (%)	13.8	7.1	11.3	8.1	9.1	10.4	13.0	8.7	7.7	10.1

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

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

TABLE 20A. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	FL1	GA1	NC1	OK1	TN1	MEAN
TIFWAY	6.7	6.0	6.0	6.7	4.3	7.3	6.0	6.1
PREMIER	6.0	4.7	6.3	7.0	2.3	6.3	5.3	5.4
PRINCESS 77	6.0	4.7	6.0	6.7	2.7	5.0	6.0	5.3
RAD-CD1	6.0	4.0	6.3	6.7	3.0	6.3	4.7	5.3
PSG 9Y20K	6.0	4.7	6.3	6.7	1.7	5.3	5.3	5.1
SWI-1113	5.7	4.0	5.7	7.0	2.3	5.7	5.7	5.1
PSG PROK	6.3	5.5	6.0	6.3	1.7	4.3	5.7	5.1
SWI-1057	5.0	5.3	6.5	6.3	1.7	5.0	5.7	5.1
YUKON	6.0	3.3	6.0	6.3	3.0	5.3	5.3	5.0
BAR 7CD5	5.0	4.0	5.7	6.3	3.0	5.0	5.7	5.0
PSG 9BAN	6.3	3.7	6.3	6.7	1.3	4.7	5.7	5.0
SWI-1070	5.7	5.0	6.3	6.7	1.3	5.0	4.7	5.0
PATRIOT	6.7	2.5	5.3	6.7	1.0	6.3	6.0	4.9
LATITUDE 36 (OKC 1119)	4.7	4.3	5.7	6.7	1.0	6.3	5.3	4.9
SWI-1117	5.7	5.0	6.0	6.3	1.7	4.0	5.0	4.8
NORTHBRIDGE (OKC 1134)	5.0	3.0	6.3	6.7	1.0	6.3	5.3	4.8
PSG 91215	6.3	4.3	5.7	6.0	1.0	4.7	5.7	4.8
VERACRUZ	5.3	5.0	6.3	6.0	2.0	4.3	4.7	4.8
HOLLYWOOD (J-720)	5.7	4.0	6.0	7.0	1.7	3.7	5.3	4.8
PYRAMID 2 (IS-CD10)	6.3	3.3	6.0	6.3	2.0	4.0	5.0	4.7
RIVIERA	5.0	5.0	5.5	6.3	1.7	4.3	5.0	4.7
MIDLAWN	3.7	2.7	5.3	6.3	3.3	6.3	5.0	4.7
SWI-1122	5.0	4.3	5.7	6.0	2.0	4.3	5.3	4.7
PSG 94524	5.7	3.7	5.3	6.0	2.0	4.3	5.3	4.6
SWI-1081	6.0	4.0	6.0	6.3	1.3	3.7	5.0	4.6
OKS 2004-2	5.0	3.5	6.0	6.3	1.7	4.7	5.0	4.6
SWI-1083	6.0	3.0	5.7	6.3	1.7	4.0	5.3	4.6
GOLD GLOVE (PST-R6FLT)	6.0	2.0	5.7	6.0	1.3	4.3	5.7	4.4
SUNSPORT	6.0	3.5	5.7	6.3	1.3	4.0	4.0	4.4
NUMEX-SAHARA	6.0	3.0	5.7	6.0	1.7	3.3	5.0	4.4
IS-01-201	5.3	2.3	5.3	6.0	1.0	4.0	5.0	4.1
LSD VALUE	1.2	1.7	0.9	0.8	1.0	1.6	0.9	0.4
C.V. (%)	13.4	24.3	9.4	7.4	31.9	20.5	10.9	14.9

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

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

TABLE 20B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	FL1	GA1	NC1	OK1	TN1	MEAN
PRINCESS 77	6.0	4.7	6.0	6.7	2.7	5.0	6.0	5.3
RAD-CD1	6.0	4.0	6.3	6.7	3.0	6.3	4.7	5.3
PSG 9Y20K	6.0	4.7	6.3	6.7	1.7	5.3	5.3	5.1
SWI-1113	5.7	4.0	5.7	7.0	2.3	5.7	5.7	5.1
PSG PROK	6.3	5.5	6.0	6.3	1.7	4.3	5.7	5.1
SWI-1057	5.0	5.3	6.5	6.3	1.7	5.0	5.7	5.1
YUKON	6.0	3.3	6.0	6.3	3.0	5.3	5.3	5.0
BAR 7CD5	5.0	4.0	5.7	6.3	3.0	5.0	5.7	5.0
PSG 9BAN	6.3	3.7	6.3	6.7	1.3	4.7	5.7	5.0
SWI-1070	5.7	5.0	6.3	6.7	1.3	5.0	4.7	5.0
SWI-1117	5.7	5.0	6.0	6.3	1.7	4.0	5.0	4.8
PSG 91215	6.3	4.3	5.7	6.0	1.0	4.7	5.7	4.8
VERACRUZ	5.3	5.0	6.3	6.0	2.0	4.3	4.7	4.8
HOLLYWOOD (J-720)	5.7	4.0	6.0	7.0	1.7	3.7	5.3	4.8
PYRAMID 2 (IS-CD10)	6.3	3.3	6.0	6.3	2.0	4.0	5.0	4.7
RIVIERA	5.0	5.0	5.5	6.3	1.7	4.3	5.0	4.7
SWI-1122	5.0	4.3	5.7	6.0	2.0	4.3	5.3	4.7
PSG 94524	5.7	3.7	5.3	6.0	2.0	4.3	5.3	4.6
SWI-1081	6.0	4.0	6.0	6.3	1.3	3.7	5.0	4.6
OKS 2004-2	5.0	3.5	6.0	6.3	1.7	4.7	5.0	4.6
SWI-1083	6.0	3.0	5.7	6.3	1.7	4.0	5.3	4.6
GOLD GLOVE (PST-R6FLT)	6.0	2.0	5.7	6.0	1.3	4.3	5.7	4.4
SUNSPORT	6.0	3.5	5.7	6.3	1.3	4.0	4.0	4.4
NUMEX-SAHARA	6.0	3.0	5.7	6.0	1.7	3.3	5.0	4.4
IS-01-201	5.3	2.3	5.3	6.0	1.0	4.0	5.0	4.1
LSD VALUE	1.2	1.8	0.9	0.7	0.9	1.6	0.9	0.4
C.V. (%)	12.9	24.7	9.5	7.3	31.6	22.2	11.0	15.1

TABLE 20C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	CA3	FL1	GA1	NC1	OK1	TN1	MEAN
TIFWAY	6.7	6.0	6.0	6.7	4.3	7.3	6.0	6.1
PREMIER	6.0	4.7	6.3	7.0	2.3	6.3	5.3	5.4
PATRIOT	6.7	2.5	5.3	6.7	1.0	6.3	6.0	4.9
LATITUDE 36 (OKC 1119)	4.7	4.3	5.7	6.7	1.0	6.3	5.3	4.9
NORTHBRIDGE (OKC 1134)	5.0	3.0	6.3	6.7	1.0	6.3	5.3	4.8
MIDLAWN	3.7	2.7	5.3	6.3	3.3	6.3	5.0	4.7
LSD VALUE	1.4	1.5	0.8	0.8	1.1	1.6	0.9	0.5
C.V. (%)	15.6	22.8	9.0	7.9	32.6	15.4	10.5	14.5

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

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

TABLE 21A. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	TX1	MEAN
TIFWAY	2.7	5.7	6.0	4.7	4.8
PRINCESS 77	2.0	6.0	6.0	2.3	4.1
VERACRUZ	1.7	6.0	5.7	2.7	4.0
NORTHBRIDGE (OKC 1134)	1.3	5.7	4.7	3.7	3.8
PSG 9Y20K	1.3	6.3	5.3	2.0	3.8
RAD-CD1	1.7	6.0	4.7	2.3	3.7
SWI-1113	1.3	5.7	5.3	2.3	3.7
BAR 7CD5	2.0	4.7	5.7	2.0	3.6
LATITUDE 36 (OKC 1119)	1.7	5.0	4.7	3.0	3.6
PREMIER	1.3	5.7	4.7	2.7	3.6
YUKON	1.7	5.0	5.3	2.3	3.6
SWI-1070	1.3	6.3	4.7	2.0	3.6
SWI-1057	1.7	5.5	4.7	2.3	3.5
PSG 94524	1.0	5.0	5.7	2.0	3.4
PYRAMID 2 (IS-CD10)	1.0	5.7	5.0	2.0	3.4
HOLLYWOOD (J-720)	1.3	5.3	5.0	2.0	3.4
MIDLAWN	1.3	5.0	5.0	2.3	3.4
SWI-1081	1.0	5.7	4.7	2.0	3.3
SWI-1122	1.0	5.7	4.7	2.0	3.3
SUNSPORT	1.0	5.0	5.3	2.0	3.3
PSG PROK	1.0	5.0	5.0	2.0	3.3
RIVIERA	1.3	5.0	4.7	2.0	3.3
SWI-1083	1.0	5.0	4.7	2.0	3.2
NUMEX-SAHARA	1.0	5.3	4.3	2.0	3.2
PSG 91215	1.3	5.3	4.0	2.0	3.2
PSG 9BAN	1.0	5.3	4.3	2.0	3.2
SWI-1117	1.0	5.7	3.7	2.0	3.1
GOLD GLOVE (PST-R6FLT)	1.0	5.0	4.3	2.0	3.1
OKS 2004-2	1.0	5.3	4.0	2.0	3.1
PATRIOT	1.0	4.3	5.0	2.0	3.1
IS-01-201	1.0	5.0	4.0	2.0	3.0
LSD VALUE	0.7	0.9	1.7	0.6	0.5
C.V. (%)	33.3	10.7	21.9	16.4	19.3

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 21B. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	TX1	MEAN
PRINCESS 77	2.0	6.0	6.0	2.3	4.1
VERACRUZ	1.7	6.0	5.7	2.7	4.0
PSG 9Y20K	1.3	6.3	5.3	2.0	3.8
RAD-CD1	1.7	6.0	4.7	2.3	3.7
SWI-1113	1.3	5.7	5.3	2.3	3.7
BAR 7CD5	2.0	4.7	5.7	2.0	3.6
YUKON	1.7	5.0	5.3	2.3	3.6
SWI-1070	1.3	6.3	4.7	2.0	3.6
SWI-1057	1.7	5.5	4.7	2.3	3.5
PSG 94524	1.0	5.0	5.7	2.0	3.4
PYRAMID 2 (IS-CD10)	1.0	5.7	5.0	2.0	3.4
HOLLYWOOD (J-720)	1.3	5.3	5.0	2.0	3.4
SWI-1081	1.0	5.7	4.7	2.0	3.3
SWI-1122	1.0	5.7	4.7	2.0	3.3
SUNSPORT	1.0	5.0	5.3	2.0	3.3
PSG PROK	1.0	5.0	5.0	2.0	3.3
RIVIERA	1.3	5.0	4.7	2.0	3.3
SWI-1083	1.0	5.0	4.7	2.0	3.2
NUMEX-SAHARA	1.0	5.3	4.3	2.0	3.2
PSG 91215	1.3	5.3	4.0	2.0	3.2
PSG 9BAN	1.0	5.3	4.3	2.0	3.2
SWI-1117	1.0	5.7	3.7	2.0	3.1
GOLD GLOVE (PST-R6FLT)	1.0	5.0	4.3	2.0	3.1
OKS 2004-2	1.0	5.3	4.0	2.0	3.1
IS-01-201	1.0	5.0	4.0	2.0	3.0
LSD VALUE	0.7	0.9	1.7	0.5	0.5
C.V. (%)	32.9	10.3	21.9	13.5	19.1

TABLE 21C. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

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

NAME	AZ1	FL1	GA1	TX1	MEAN
TIFWAY	2.7	5.7	6.0	4.7	4.8
NORTHBRIDGE (OKC 1134)	1.3	5.7	4.7	3.7	3.8
LATITUDE 36 (OKC 1119)	1.7	5.0	4.7	3.0	3.6
PREMIER	1.3	5.7	4.7	2.7	3.6
MIDLAWN	1.3	5.0	5.0	2.3	3.4
PATRIOT	1.0	4.3	5.0	2.0	3.1
LSD VALUE	0.8	1.0	1.7	1.0	0.6
C.V. (%)	33.9	11.9	21.6	20.4	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 22A. SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	AZ1	GA1	MS1	NC1	OK1	TN1	VA1	
PATRIOT	2.7	8.7	8.3	8.7	9.0	9.0	8.3	7.8
LATITUDE 36 (OKC 1119)	2.7	9.0	8.7	8.7	8.7	9.0	6.3	7.6
NORTHBRIDGE (OKC 1134)	2.0	8.0	9.0	8.0	9.0	9.0	7.0	7.4
TIFWAY	2.3	9.0	9.0	9.0	7.3	9.0	5.3	7.3
MIDLAWN	3.3	7.7	7.7	8.7	6.0	8.3	5.7	6.8
YUKON	2.7	7.7	7.0	7.3	6.0	9.0	7.7	6.8
PREMIER	4.0	8.0	7.0	8.0	6.7	8.3	4.3	6.6
OKS 2004-2	3.3	8.3	7.0	6.0	6.7	9.0	5.0	6.5
RIVIERA	3.0	8.0	6.7	7.0	5.7	8.3	6.0	6.4
RAD-CD1	2.7	7.3	6.3	6.0	5.7	8.7	7.0	6.2
SWI-1113	3.7	7.7	7.0	6.3	5.0	8.3	5.3	6.2
SWI-1070	4.0	7.7	6.3	6.0	6.0	8.0	5.0	6.1
PRINCESS 77	4.3	7.7	6.3	4.7	5.0	8.0	6.3	6.0
HOLLYWOOD (J-720)	3.0	7.3	7.0	4.7	5.0	8.7	6.0	6.0
PSG 9Y20K	3.0	6.3	7.0	4.7	4.3	8.7	7.3	5.9
VERACRUZ	3.7	8.3	7.0	4.7	5.7	8.3	3.7	5.9
BAR 7CD5	2.3	7.7	7.0	4.7	5.0	8.7	5.7	5.9
SWI-1057	4.0	7.7	6.0	3.3	5.7	8.3	6.0	5.9
SWI-1117	3.7	7.3	6.3	5.3	4.0	8.3	4.0	5.6
SWI-1122	3.3	7.0	6.7	4.7	3.7	9.0	4.7	5.6
PYRAMID 2 (IS-CD10)	3.7	7.7	6.3	4.3	5.3	8.0	3.7	5.6
SWI-1083	3.7	7.0	6.0	5.3	4.3	8.0	4.7	5.6
PSG 94524	3.0	6.7	5.7	4.0	3.3	8.7	7.3	5.5
PSG PROK	2.7	6.0	6.7	3.7	5.7	9.0	5.0	5.5
PSG 9BAN	3.7	6.7	6.0	4.0	6.0	8.3	3.7	5.5
SWI-1081	4.7	5.7	5.3	4.0	3.7	7.7	5.0	5.1
NUMEX-SAHARA	3.0	7.0	5.7	4.0	3.7	8.0	4.3	5.1
SUNSPORT	4.3	7.0	6.3	3.0	2.7	8.3	3.0	5.0
IS-01-201	4.0	5.7	6.0	3.7	3.3	8.3	3.0	4.9
GOLD GLOVE (PST-R6FLT)	4.0	6.7	6.0	2.0	2.3	8.0	4.0	4.7
PSG 91215	3.3	5.0	6.0	3.3	4.3	8.3	2.3	4.7
LSD VALUE	1.3	1.4	0.8	1.3	1.3	0.7	3.8	0.7
C.V. (%)	24.4	12.2	7.5	14.5	15.7	5.5	44.8	18.7

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 22B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	AZ1	GA1	MS1	NC1	OK1	TN1	VA1	
YUKON	2.7	7.7	7.0	7.3	6.0	9.0	7.7	6.8
OKS 2004-2	3.3	8.3	7.0	6.0	6.7	9.0	5.0	6.5
RIVIERA	3.0	8.0	6.7	7.0	5.7	8.3	6.0	6.4
RAD-CD1	2.7	7.3	6.3	6.0	5.7	8.7	7.0	6.2
SWI-1113	3.7	7.7	7.0	6.3	5.0	8.3	5.3	6.2
SWI-1070	4.0	7.7	6.3	6.0	6.0	8.0	5.0	6.1
PRINCESS 77	4.3	7.7	6.3	4.7	5.0	8.0	6.3	6.0
HOLLYWOOD (J-720)	3.0	7.3	7.0	4.7	5.0	8.7	6.0	6.0
PSG 9Y20K	3.0	6.3	7.0	4.7	4.3	8.7	7.3	5.9
VERACRUZ	3.7	8.3	7.0	4.7	5.7	8.3	3.7	5.9
BAR 7CD5	2.3	7.7	7.0	4.7	5.0	8.7	5.7	5.9
SWI-1057	4.0	7.7	6.0	3.3	5.7	8.3	6.0	5.9
SWI-1117	3.7	7.3	6.3	5.3	4.0	8.3	4.0	5.6
SWI-1122	3.3	7.0	6.7	4.7	3.7	9.0	4.7	5.6
PYRAMID 2 (IS-CD10)	3.7	7.7	6.3	4.3	5.3	8.0	3.7	5.6
SWI-1083	3.7	7.0	6.0	5.3	4.3	8.0	4.7	5.6
PSG 94524	3.0	6.7	5.7	4.0	3.3	8.7	7.3	5.5
PSG PROK	2.7	6.0	6.7	3.7	5.7	9.0	5.0	5.5
PSG 9BAN	3.7	6.7	6.0	4.0	6.0	8.3	3.7	5.5
SWI-1081	4.7	5.7	5.3	4.0	3.7	7.7	5.0	5.1
NUMEX-SAHARA	3.0	7.0	5.7	4.0	3.7	8.0	4.3	5.1
SUNSPORT	4.3	7.0	6.3	3.0	2.7	8.3	3.0	5.0
IS-01-201	4.0	5.7	6.0	3.7	3.3	8.3	3.0	4.9
GOLD GLOVE (PST-R6FLT)	4.0	6.7	6.0	2.0	2.3	8.0	4.0	4.7
PSG 91215	3.3	5.0	6.0	3.3	4.3	8.3	2.3	4.7
LSD VALUE	1.4	1.4	0.9	1.3	1.4	0.8	3.5	0.7
C.V. (%)	24.7	12.3	8.3	17.7	18.3	5.8	42.7	18.9

TABLE 22C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	AZ1	GA1	MS1	NC1	OK1	TN1	VA1	
PATRIOT	2.7	8.7	8.3	8.7	9.0	9.0	8.3	7.8
LATITUDE 36 (OKC 1119)	2.7	9.0	8.7	8.7	8.7	9.0	6.3	7.6
NORTHBRIDGE (OKC 1134)	2.0	8.0	9.0	8.0	9.0	9.0	7.0	7.4
TIFWAY	2.3	9.0	9.0	9.0	7.3	9.0	5.3	7.3
MIDLAWN	3.3	7.7	7.7	8.7	6.0	8.3	5.7	6.8
PREMIER	4.0	8.0	7.0	8.0	6.7	8.3	4.3	6.6
LSD VALUE	1.0	1.6	0.7	0.9	1.1	0.5	4.9	0.8
C.V. (%)	22.0	11.6	4.9	6.8	9.1	3.8	49.4	17.9

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

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



TABLE 23A. POA ANNUA RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/

NAME	CA3
LATITUDE 36 (OKC 1119)	8.0
NORTHBRIDGE (OKC 1134)	8.0
PATRIOT	8.0
RAD-CD1	8.0
BAR 7CD5	7.7
PREMIER	7.7
PRINCESS 77	7.7
PSG 9Y20K	7.7
PSG PROK	7.7
SWI-1070	7.7
TIFWAY	7.7
HOLLYWOOD (J-720)	7.3
OKS 2004-2	7.3
PYRAMID 2 (IS-CD10)	7.3
SWI-1113	7.3
YUKON	7.3
SWI-1081	7.0
MIDLAWN	6.7
PSG 91215	6.7
PSG 9BAN	6.7
SWI-1083	6.7
GOLD GLOVE (PST-R6FLT)	6.3
VERACRUZ	6.3
SWI-1057	6.0
SWI-1122	6.0
NUMEX-SAHARA	5.7
RIVIERA	5.7
PSG 94524	5.3
IS-01-201	5.0
SWI-1117	5.0
SUNSPORT	4.7
LSD VALUE	2.1
C.V. (%)	19.2

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

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

TABLE 23B. POA ANNUA RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	CA3
RAD-CD1	8.0
BAR 7CD5	7.7
PRINCESS 77	7.7
PSG 9Y20K	7.7
PSG PROK	7.7
SWI-1070	7.7
HOLLYWOOD (J-720)	7.3
OKS 2004-2	7.3
PYRAMID 2 (IS-CD10)	7.3
SWI-1113	7.3
YUKON	7.3
SWI-1081	7.0
PSG 91215	6.7
PSG 9BAN	6.7
SWI-1083	6.7
GOLD GLOVE (PST-R6FLT)	6.3
VERACRUZ	6.3
SWI-1057	6.0
SWI-1122	6.0
NUMEX-SAHARA	5.7
RIVIERA	5.7
PSG 94524	5.3
IS-01-201	5.0
SWI-1117	5.0
SUNSPORT	4.7
LSD VALUE	2.3
C.V. (%)	21.4

TABLE 23C. POA ANNUA RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	CA3
LATITUDE 36 (OKC 1119)	8.0
NORTHBRIDGE (OKC 1134)	8.0
PATRIOT	8.0
PREMIER	7.7
TIFWAY	7.7
MIDLAWN	6.7
LSD VALUE	1.1
C.V. (%)	9.2

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

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

TABLE 24A. CRABGRASS RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

CRABGRASS RATINGS 1-9; 9=NONE 2/

NAME	CA3
LATITUDE 36 (OKC 1119)	8.0
OKS 2004-2	8.0
TIFWAY	8.0
PREMIER	7.7
PSG 91215	7.7
RIVIERA	7.7
BAR 7CD5	7.3
PSG 9BAN	7.3
PSG 9Y20K	7.3
MIDLAWN	7.0
NORTHBRIDGE (OKC 1134)	7.0
PRINCESS 77	7.0
RAD-CD1	7.0
SWI-1113	7.0
VERACRUZ	7.0
SWI-1057	6.7
SWI-1070	6.7
YUKON	6.7
HOLLYWOOD (J-720)	6.3
PATRIOT	6.3
PSG 94524	6.3
SWI-1081	6.3
SWI-1083	6.3
SWI-1122	6.3
IS-01-201	6.0
PYRAMID 2 (IS-CD10)	6.0
NUMEX-SAHARA	5.3
PSG PROK	5.3
SUNSPORT	5.0
SWI-1117	4.3
GOLD GLOVE (PST-R6FLT)	4.0
LSD VALUE	2.9
C.V. (%)	27.2

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 24B. CRABGRASS RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

CRABGRASS RATINGS 1-9; 9=NONE 2/

NAME	CA3
OKS 2004-2	8.0
PSG 91215	7.7
RIVIERA	7.7
BAR 7CD5	7.3
PSG 9BAN	7.3
PSG 9Y20K	7.3
PRINCESS 77	7.0
RAD-CD1	7.0
SWI-1113	7.0
VERACRUZ	7.0
SWI-1057	6.7
SWI-1070	6.7
YUKON	6.7
HOLLYWOOD (J-720)	6.3
PSG 94524	6.3
SWI-1081	6.3
SWI-1083	6.3
SWI-1122	6.3
IS-01-201	6.0
PYRAMID 2 (IS-CD10)	6.0
NUMEX-SAHARA	5.3
PSG PROK	5.3
SUNSPORT	5.0
SWI-1117	4.3
GOLD GLOVE (PST-R6FLT)	4.0
LSD VALUE	3.0
C.V. (%)	28.7

TABLE 24C. CRABGRASS RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

CRABGRASS RATINGS 1-9; 9=NONE 2/

NAME	CA3
LATITUDE 36 (OKC 1119)	8.0
TIFWAY	8.0
PREMIER	7.7
MIDLAWN	7.0
NORTHBRIDGE (OKC 1134)	7.0
PATRIOT	6.3
LSD VALUE	2.5
C.V. (%)	21.3

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

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

TABLE 25A. SCALPING RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	KY1
IS-01-201	9.0
PSG 94524	9.0
RAD-CD1	9.0
SUNSPORT	9.0
SWI-1057	9.0
SWI-1081	9.0
GOLD GLOVE (PST-R6FLT)	8.7
OKS 2004-2	8.7
PRINCESS 77	8.7
PSG 9BAN	8.7
SWI-1083	8.7
SWI-1113	8.7
SWI-1117	8.7
SWI-1122	8.7
VERACRUZ	8.7
BAR 7CD5	8.3
PSG 91215	8.3
PSG 9Y20K	8.3
NUMEX-SAHARA	8.0
PYRAMID 2 (IS-CD10)	8.0
RIVIERA	8.0
HOLLYWOOD (J-720)	7.7
PSG PROK	7.3
SWI-1070	7.3
YUKON	6.0
MIDLAWN	5.7
LATITUDE 36 (OKC 1119)	4.7
TIFWAY	4.7
PREMIER	3.7
NORTHBRIDGE (OKC 1134)	3.3
PATRIOT	2.7
LSD VALUE	1.6
C.V. (%)	13.5

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

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

TABLE 25B. SCALPING RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	KY1
IS-01-201	9.0
PSG 94524	9.0
RAD-CD1	9.0
SUNSPORT	9.0
SWI-1057	9.0
SWI-1081	9.0
GOLD GLOVE (PST-R6FLT)	8.7
OKS 2004-2	8.7
PRINCESS 77	8.7
PSG 9BAN	8.7
SWI-1083	8.7
SWI-1113	8.7
SWI-1117	8.7
SWI-1122	8.7
VERACRUZ	8.7
BAR 7CD5	8.3
PSG 91215	8.3
PSG 9Y2OK	8.3
NUMEX-SAHARA	8.0
PYRAMID 2 (IS-CD10)	8.0
RIVIERA	8.0
HOLLYWOOD (J-720)	7.7
PSG PROK	7.3
SWI-1070	7.3
YUKON	6.0
LSD VALUE	1.3
C.V. (%)	9.8

TABLE 25C. SCALPING RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	KY1
MIDLAWN	5.7
LATITUDE 36 (OKC 1119)	4.7
TIFWAY	4.7
PREMIER	3.7
NORTHBRIDGE (OKC 1134)	3.3
PATRIOT	2.7
LSD VALUE	2.5
C.V. (%)	38.5

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 26A. SPRING DEAD SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	NC1
BAR 7CD5	9.0
GOLD GLOVE (PST-R6FLT)	9.0
HOLLYWOOD (J-720)	9.0
IS-01-201	9.0
LATITUDE 36 (OKC 1119)	9.0
MIDLAWN	9.0
NORTHBRIDGE (OKC 1134)	9.0
NUMEX-SAHARA	9.0
OKS 2004-2	9.0
PATRIOT	9.0
PREMIER	9.0
PRINCESS 77	9.0
PSG 94524	9.0
PSG 9Y20K	9.0
PSG PROK	9.0
PYRAMID 2 (IS-CD10)	9.0
RAD-CD1	9.0
RIVIERA	9.0
SUNSPORT	9.0
SWI-1057	9.0
SWI-1070	9.0
SWI-1081	9.0
SWI-1113	9.0
SWI-1117	9.0
SWI-1122	9.0
TIFWAY	9.0
YUKON	8.7
PSG 91215	8.3
SWI-1083	8.3
VERACRUZ	8.0
PSG 9BAN	5.0
LSD VALUE	1.2
C.V. (%)	8.2

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 26B. SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	NC1
BAR 7CD5	9.0
GOLD GLOVE (PST-R6FLT)	9.0
HOLLYWOOD (J-720)	9.0
IS-01-201	9.0
NUMEX-SAHARA	9.0
OKS 2004-2	9.0
PRINCESS 77	9.0
PSG 94524	9.0
PSG 9Y20K	9.0
PSG PROK	9.0
PYRAMID 2 (IS-CD10)	9.0
RAD-CD1	9.0
RIVIERA	9.0
SUNSPORT	9.0
SWI-1057	9.0
SWI-1070	9.0
SWI-1081	9.0
SWI-1113	9.0
SWI-1117	9.0
SWI-1122	9.0
YUKON	8.7
PSG 91215	8.3
SWI-1083	8.3
VERACRUZ	8.0
PSG 9BAN	5.0
LSD VALUE	1.3
C.V. (%)	9.2

TABLE 26C. SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	NC1
LATITUDE 36 (OKC 1119)	9
MIDLAWN	9
NORTHBRIDGE (OKC 1134)	9
PATRIOT	9
PREMIER	9
TIFWAY	9
LSD VALUE	0
C.V. (%)	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 27A. PERCENT SPRING DEAD SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/  
2011 DATA 2/

NAME	TN1
IS-01-201	21.7
NUMEX-SAHARA	18.3
PSG PROK	16.0
PSG 91215	15.7
PSG 9BAN	15.0
SWI-1113	15.0
SWI-1117	15.0
BAR 7CD5	14.0
GOLD GLOVE (PST-R6FLT)	13.7
PSG 94524	13.0
SWI-1083	13.0
SWI-1057	11.3
YUKON	11.3
OKS 2004-2	10.7
SWI-1070	10.7
SWI-1122	10.7
MIDLAWN	10.0
RIVIERA	9.3
HOLLYWOOD (J-720)	0.0
LATITUDE 36 (OKC 1119)	0.0
NORTHBRIDGE (OKC 1134)	0.0
PATRIOT	0.0
PREMIER	0.0
PRINCESS 77	0.0
PSG 9Y20K	0.0
PYRAMID 2 (IS-CD10)	0.0
RAD-CD1	0.0
SUNSPORT	0.0
SWI-1081	0.0
TIFWAY	0.0
VERACRUZ	0.0
LSD VALUE	2.7
C.V. (%)	20.9

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

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

TABLE 27B. PERCENT SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
2011 DATA 2/

NAME	TN1
IS-01-201	21.7
NUMEX-SAHARA	18.3
PSG PROK	16.0
PSG 91215	15.7
PSG 9BAN	15.0
SWI-1113	15.0
SWI-1117	15.0
BAR 7CD5	14.0
GOLD GLOVE (PST-R6FLT)	13.7
PSG 94524	13.0
SWI-1083	13.0
SWI-1057	11.3
YUKON	11.3
OKS 2004-2	10.7
SWI-1070	10.7
SWI-1122	10.7
RIVIERA	9.3
HOLLYWOOD (J-720)	0.0
PRINCESS 77	0.0
PSG 9Y20K	0.0
PYRAMID 2 (IS-CD10)	0.0
RAD-CD1	0.0
SUNSPORT	0.0
SWI-1081	0.0
VERACRUZ	0.0
LSD VALUE	2.9
C.V. (%)	19.1

TABLE 27C. PERCENT SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
2011 DATA 2/

NAME	TN1
MIDLAWN	10.0
LATITUDE 36 (OKC 1119)	0.0
NORTHBRIDGE (OKC 1134)	0.0
PATRIOT	0.0
PREMIER	0.0
TIFWAY	0.0
LSD VALUE	1.3
C.V. (%)	49.0

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.