

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 1999-2002 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>.

2008 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2013

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Massachusetts	Amherst	MA1
Minnesota	St. Paul	MN1
New Jersey	North Brunswick	NJ1
Pennsylvania	University Park	PA1
Quebec	Quebec City	QE1
Rhode Island	Kingston	RI1
Utah	Logan (Drought)	UT1
Virginia	Radford (Pete Dye River Course)	VA5
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

2008 NATIONAL BENTGRASS TEST
(Fairway/Tee)

Entries and Sponsors

Entry No.	Name	Species	Sponsor
* 1	Penncross	creeping	Standard entry
* 2	Crystal Bluelinks	creeping	Standard entry
* 3	Benchmark DSR	creeping	Turf Merchants
* 4	Declaration	creeping	Lebanon Seaboard Corp.
* 5	Proclamation (LTP-FEC)	creeping	Lebanon Seaboard Corp.
* 6	L-93	creeping	Standard entry
* 7	T-1	creeping	Jacklin Seed by Simplot
* 8	Authority	creeping	John Deere Landscapes
* 9	CY-2	creeping	Snow Brand Seed USA
*10	Barracuda (MVS-AP-101)	creeping	Mountain View Seeds
*11	Memorial	creeping	Landmark Turf+Native Seed
12	A08-EBM	colonial	The Scotts Company
*13	Luminary (A08-TDN2)	creeping	Landmark Turf+Native Seed
14	A08-FT12	colonial	The Scotts Company
15	SRP-1WM	creeping	Seed Research of Oregon
*16	007	creeping	Seed Research of Oregon
*17	Pure Select (PST-OJD)	creeping	Pure-Seed Testing
18	PST-R9D7	colonial	Pure-Seed Testing
*19	Princeville	creeping	John Deere Landscapes
*20	Pin-Up (HTM)	creeping	ProSeeds Marketing
21	BCD	colonial	ProSeeds Marketing
*22	Tiger II	colonial	Standard entry
*23	Greentime	colonial	Standard entry

* COMMERCIALY AVAILABLE IN THE USA IN 2014.

TABLE A.

2013 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2008 NATIONAL BENTGRASS (FAIRWAY/TEE) 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	6.6-7.0	61-150	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	241-375	2.1-3.0	UNIFORM SHADE	0.6-1.0	TO PREVENT DORMANCY
KY1	SILT LOAM AND SILT	-	-	-	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MA1	LOAM	5.6-6.0	0-60	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	151-270	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	7.1-7.5	0-60	151-240	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	-	-	-	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	-	-	-	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
UT1	-	-	-	-	-	-	-	-
VA5	SILTY CLAY LOAM	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
WA3	SANDY LOAM	4.6-5.5	0-60	0-150	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	-	-	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2013

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X						
IL1				X	X	X	X	X	X	X			X	X	
IL2			X	X	X	X	X	X	X	X	X			X	
KY1			X	X	X	X	X	X	X	X					
MA1				X	X	X	X	X	X	X	X			X	
MD1				X	X	X	X	X	X	X					
MN1					X	X	X	X	X	X					
NJ1				X	X	X	X	X	X	X			X		X
PA1					X	X	X	X	X	X				X	
QE1					X	X	X	X	X	X			X	X	X
RI1					X	X	X	X	X	X	X		X	X	
UT1				X	X	X	X	X	X	X				X	
VA5				X	X	X	X	X	X	X			X		
WA3	X	X	X	X	X	X	X	X	X	X	X	X		X	
WI1					X	X	X	X	X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2013

LOCATION	WEAR TOLERANCE	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE RECOVERY	THATCH MEASUREMENT	DOLLAR SPOT	RED THREAD	BROWN PATCH WARM TEMP.
AR1													
IL1													
IL2						X							
KY1								X					
MA1	X									X			
MD1													X
MN1											X		
NJ1				X					X		X		
PA1													
QE1		X	X	X									
RI1						X							
UT1					X	X	X						
VA5													
WA3								X				X	
WI1													

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2013

LOCATION	ANTHRACNOSE RATINGS	WHITE GRUB DAMAGE	FALL COLOR OCTOBER	FALL COLOR DECEMBER	WINTER CHILLING INJURY	COPPER SPOT	SCALPING RATINGS	UNIFORMITY RATINGS	SPRING COLOR	HEAT STRESS	DOLLAR SPOT		MICRODOCHIUM		
											JUL	SEP	JAN	FEB	
AR1															
IL1			X												
IL2															
KY1												X	X		
MA1															
MD1															
MN1															
NJ1						X									
PA1							X								
QE1															
RI1	X	X			X			X			X	X			
UT1															
VA5															
WA3				X						X				X	X
WI1															

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2013 DATA

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

NAME	MD1	VA5	IL1	WI1	MN1	MEAN
* 007	8.1	7.2	5.8	6.7	5.5	6.7
SRP-1WM	7.7	7.0	5.4	6.5	5.4	6.4
* BARRACUDA (MVS-AP-101)	7.7	6.9	5.4	6.4	5.3	6.3
* MEMORIAL	7.6	7.2	5.7	6.2	4.8	6.3
* PURE SELECT (PST-OJD)	7.6	6.9	5.3	6.4	5.2	6.3
* AUTHORITY	7.7	6.7	5.3	6.3	5.1	6.2
* LUMINARY (A08-TDN2)	7.5	6.9	5.2	6.3	5.2	6.2
* DECLARATION	7.5	6.8	5.2	6.3	5.1	6.2
* PIN-UP (HTM)	7.5	6.9	5.3	6.2	5.0	6.2
* CRYSTAL BLUELINKS	7.4	7.0	5.5	6.1	4.8	6.2
* L-93	7.4	6.9	5.4	6.1	4.8	6.1
* PROCLAMATION (LTP-FEC)	7.4	6.6	5.0	6.1	5.1	6.0
* T-1	7.3	6.9	5.2	6.0	4.7	6.0
* CY-2	7.1	6.8	5.1	5.9	4.7	5.9
* BENCHMARK DSR	7.2	6.5	5.1	5.8	4.5	5.8
* PENNCROSS	6.3	6.4	4.7	5.0	3.5	5.2
* PRINCEVILLE	6.2	6.2	4.6	4.8	3.3	5.0
A08-EBM	5.4	6.6	4.1	4.6	3.5	4.9
A08-FT12	5.1	6.7	4.0	4.4	3.3	4.7
* GREENTIME	4.9	6.5	4.0	4.1	2.8	4.4
* TIGER II	4.8	6.3	3.9	4.0	2.7	4.3
BCD	4.6	6.3	3.8	3.8	2.5	4.2
PST-R9D7	4.0	6.0	3.4	3.2	1.8	3.7
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	9.3	9.3	12.7	11.2	14.5	11.1

*/ COMMERCIALY AVAILABLE IN THE USA IN 2014

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

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. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MD1	VA5	IL1	WI1	MN1	MEAN
007	8.1	7.2	5.8	6.7	5.5	6.7
SRP-1WM	7.7	7.0	5.4	6.5	5.4	6.4
BARRACUDA (MVS-AP-101)	7.7	6.9	5.4	6.4	5.3	6.3
MEMORIAL	7.6	7.2	5.7	6.2	4.8	6.3
PURE SELECT (PST-OJD)	7.6	6.9	5.3	6.4	5.2	6.3
AUTHORITY	7.7	6.7	5.3	6.3	5.1	6.2
LUMINARY (A08-TDN2)	7.5	6.9	5.2	6.3	5.2	6.2
DECLARATION	7.5	6.8	5.2	6.3	5.1	6.2
PIN-UP (HTM)	7.5	6.9	5.3	6.2	5.0	6.2
CRYSTAL BLUELINKS	7.4	7.0	5.5	6.1	4.8	6.2
L-93	7.4	6.9	5.4	6.1	4.8	6.1
PROCLAMATION (LTP-FEC)	7.4	6.6	5.0	6.1	5.1	6.0
T-1	7.3	6.9	5.2	6.0	4.7	6.0
CY-2	7.1	6.8	5.1	5.9	4.7	5.9
BENCHMARK DSR	7.2	6.5	5.1	5.8	4.5	5.8
PENNCROSS	6.3	6.4	4.7	5.0	3.5	5.2
PRINCEVILLE	6.2	6.2	4.6	4.8	3.3	5.0
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	8.4	9.1	11.8	10.2	12.9	10.2

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MD1	VA5	IL1	WI1	MN1	MEAN
A08-EBM	5.4	6.6	4.1	4.6	3.5	4.9
A08-FT12	5.1	6.7	4.0	4.4	3.3	4.7
GREENTIME	4.9	6.5	4.0	4.1	2.8	4.4
TIGER II	4.8	6.3	3.9	4.0	2.7	4.3
BCD	4.6	6.3	3.8	3.8	2.5	4.2
PST-R9D7	4.0	6.0	3.4	3.2	1.8	3.7
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	12.9	9.7	16.0	15.5	22.6	14.2

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

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

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

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2013 DATA

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

NAME	MA1	RI1	KY1	QE1	MEAN
A08-FT12	6.4	7.4	6.5	4.1	6.1
A08-EBM	6.2	6.9	6.3	4.0	5.9
SRP-1WM	6.1	6.1	6.3	4.0	5.6
GREENTIME	5.9	6.4	6.3	3.8	5.6
007	6.0	5.8	6.4	4.1	5.6
LUMINARY (A08-TDN2)	6.0	6.1	6.2	3.9	5.6
BCD	5.7	6.3	6.2	3.7	5.5
CRYSTAL BLUELINKS	5.8	5.5	6.4	3.9	5.4
TIGER II	5.7	6.1	6.1	3.6	5.4
PURE SELECT (PST-OJD)	5.8	5.8	6.1	3.8	5.4
MEMORIAL	5.7	5.3	6.5	4.0	5.4
CY-2	5.8	5.7	6.2	3.8	5.4
BARRACUDA (MVS-AP-101)	5.8	5.6	6.1	3.8	5.3
DECLARATION	5.8	5.7	6.1	3.7	5.3
T-1	5.7	5.6	6.2	3.8	5.3
PIN-UP (HTM)	5.7	5.6	6.1	3.8	5.3
L-93	5.6	5.3	6.2	3.8	5.2
PST-R9D7	5.4	5.9	6.0	3.4	5.2
PROCLAMATION (LTP-FEC)	5.6	5.6	5.8	3.5	5.1
AUTHORITY	5.5	5.1	5.9	3.5	5.0
BENCHMARK DSR	5.2	4.8	5.8	3.3	4.8
PENNCROSS	5.0	4.7	5.8	3.3	4.7
PRINCEVILLE	4.7	4.3	5.6	3.1	4.4
LSD VALUE	1.0	1.0	1.0	1.0	1.0
C.V. (%)	10.9	10.8	10.1	16.7	11.7

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

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

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

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	RI1	KY1	QE1	MEAN
SRP-1WM	6.1	6.1	6.3	4.0	5.6
007	6.0	5.8	6.4	4.1	5.6
LUMINARY (A08-TDN2)	6.0	6.1	6.2	3.9	5.6
CRYSTAL BLUELINKS	5.8	5.5	6.4	3.9	5.4
PURE SELECT (PST-OJD)	5.8	5.8	6.1	3.8	5.4
MEMORIAL	5.7	5.3	6.5	4.0	5.4
CY-2	5.8	5.7	6.2	3.8	5.4
BARRACUDA (MVS-AP-101)	5.8	5.6	6.1	3.8	5.3
DECLARATION	5.8	5.7	6.1	3.7	5.3
T-1	5.7	5.6	6.2	3.8	5.3
PIN-UP (HTM)	5.7	5.6	6.1	3.8	5.3
L-93	5.6	5.3	6.2	3.8	5.2
PROCLAMATION (LTP-FEC)	5.6	5.6	5.8	3.5	5.1
AUTHORITY	5.5	5.1	5.9	3.5	5.0
BENCHMARK DSR	5.2	4.8	5.8	3.3	4.8
PENNCROSS	5.0	4.7	5.8	3.3	4.7
PRINCEVILLE	4.7	4.3	5.6	3.1	4.4
LSD VALUE	1.0	1.0	1.0	1.0	1.0
C.V. (%)	11.0	11.4	10.2	16.7	11.9

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	RI1	KY1	QE1	MEAN
A08-FT12	6.4	7.4	6.5	4.1	6.1
A08-EBM	6.2	6.9	6.3	4.0	5.9
GREENTIME	5.9	6.4	6.3	3.8	5.6
BCD	5.7	6.3	6.2	3.7	5.5
TIGER II	5.7	6.1	6.1	3.6	5.4
PST-R9D7	5.4	5.9	6.0	3.4	5.2
LSD VALUE	1.0	1.0	1.0	1.0	1.0
C.V. (%)	10.6	9.5	10.0	16.5	11.1

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

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2013 DATA

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

NAME	AR1	WA3	MEAN
MEMORIAL	7.6	5.2	6.4
CRYSTAL BLUELINKS	7.3	5.0	6.1
007	7.1	5.0	6.1
GREENTIME	7.1	4.8	5.9
A08-FT12	6.9	4.9	5.9
L-93	7.0	4.8	5.9
T-1	6.9	4.8	5.8
CY-2	6.9	4.7	5.8
BCD	6.9	4.6	5.8
TIGER II	6.9	4.6	5.8
SRP-1WM	6.7	4.8	5.8
A08-EBM	6.8	4.7	5.8
PIN-UP (HTM)	6.8	4.7	5.7
LUMINARY (A08-TDN2)	6.7	4.8	5.7
PENNCROSS	7.0	4.5	5.7
PURE SELECT (PST-OJD)	6.7	4.7	5.7
BARRACUDA (MVS-AP-101)	6.7	4.7	5.7
PST-R9D7	6.9	4.4	5.7
DECLARATION	6.6	4.6	5.6
PRINCEVILLE	6.9	4.3	5.6
BENCHMARK DSR	6.6	4.4	5.5
AUTHORITY	6.5	4.5	5.5
PROCLAMATION (LTP-FEC)	6.3	4.4	5.3
LSD VALUE	1.0	1.0	1.0
C.V. (%)	9.1	13.3	10.8

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

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

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

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	WA3	MEAN
MEMORIAL	7.6	5.2	6.4
CRYSTAL BLUELINKS	7.3	5.0	6.1
007	7.1	5.0	6.1
L-93	7.0	4.8	5.9
T-1	6.9	4.8	5.8
CY-2	6.9	4.7	5.8
SRP-1WM	6.7	4.8	5.8
PIN-UP (HTM)	6.8	4.7	5.7
LUMINARY (A08-TDN2)	6.7	4.8	5.7
PENNCROSS	7.0	4.5	5.7
PURE SELECT (PST-OJD)	6.7	4.7	5.7
BARRACUDA (MVS-AP-101)	6.7	4.7	5.7
DECLARATION	6.6	4.6	5.6
PRINCEVILLE	6.9	4.3	5.6
BENCHMARK DSR	6.6	4.4	5.5
AUTHORITY	6.5	4.5	5.5
PROCLAMATION (LTP-FEC)	6.3	4.4	5.3
LSD VALUE	1.0	1.0	1.0
C.V. (%)	9.1	13.2	10.8

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	WA3	MEAN
GREENTIME	7.1	4.8	5.9
A08-FT12	6.9	4.9	5.9
BCD	6.9	4.6	5.8
TIGER II	6.9	4.6	5.8
A08-EBM	6.8	4.7	5.8
PST-R9D7	6.9	4.4	5.7
LSD VALUE	1.0	1.0	1.0
C.V. (%)	9.0	13.3	10.7

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

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2013 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/		
	PA1	NJ1	MEAN
SRP-1WM	7.4	6.3	6.8
LUMINARY (A08-TDN2)	7.1	6.1	6.6
007	7.3	5.7	6.5
PROCLAMATION (LTP-FEC)	7.1	5.9	6.5
PURE SELECT (PST-OJD)	7.1	5.8	6.5
BARRACUDA (MVS-AP-101)	7.2	5.7	6.5
DECLARATION	7.0	5.7	6.4
AUTHORITY	7.0	5.2	6.1
PIN-UP (HTM)	6.8	5.4	6.1
CY-2	6.2	5.1	5.7
T-1	6.3	5.0	5.6
L-93	6.3	4.6	5.5
CRYSTAL BLUELINKS	6.2	4.6	5.4
A08-EBM	4.7	5.6	5.2
BENCHMARK DSR	6.1	4.2	5.2
A08-FT12	4.4	5.8	5.1
MEMORIAL	6.0	4.0	5.0
PENNCROSS	4.5	3.0	3.7
GREENTIME	3.4	4.0	3.7
TIGER II	3.3	3.8	3.6
BCD	3.0	3.8	3.4
PRINCEVILLE	4.1	2.3	3.2
PST-R9D7	2.1	2.9	2.5
LSD VALUE	1.0	1.0	1.0
C.V. (%)	11.0	12.9	11.8

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

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

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

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	NJ1	MEAN
SRP-1WM	7.4	6.3	6.8
LUMINARY (A08-TDN2)	7.1	6.1	6.6
007	7.3	5.7	6.5
PROCLAMATION (LTP-FEC)	7.1	5.9	6.5
PURE SELECT (PST-OJD)	7.1	5.8	6.5
BARRACUDA (MVS-AP-101)	7.2	5.7	6.5
DECLARATION	7.0	5.7	6.4
AUTHORITY	7.0	5.2	6.1
PIN-UP (HTM)	6.8	5.4	6.1
CY-2	6.2	5.1	5.7
T-1	6.3	5.0	5.6
L-93	6.3	4.6	5.5
CRYSTAL BLUELINKS	6.2	4.6	5.4
BENCHMARK DSR	6.1	4.2	5.2
MEMORIAL	6.0	4.0	5.0
PENNCROSS	4.5	3.0	3.7
PRINCEVILLE	4.1	2.3	3.2
LSD VALUE	1.0	1.0	1.0
C.V. (%)	9.6	12.4	10.9

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	NJ1	MEAN
A08-EBM	4.7	5.6	5.2
A08-FT12	4.4	5.8	5.1
GREENTIME	3.4	4.0	3.7
TIGER II	3.3	3.8	3.6
BCD	3.0	3.8	3.4
PST-R9D7	2.1	2.9	2.5
LSD VALUE	1.0	1.0	1.0
C.V. (%)	17.8	14.4	15.9

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

TABLE 5A.

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

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

NAME	SPRING GREENUP	PERCENT COVER SUMMER	QUALITY RATINGS									
			MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DECLARATION	6.0	77.0	4.7	6.3	8.0	7.7	8.0	7.3	8.7	8.7	8.3	7.5
CRYSTAL BLUELINKS	5.3	61.0	5.0	6.0	7.3	7.7	6.3	6.7	7.0	6.7	6.7	6.6
MEMORIAL	5.3	68.0	4.3	5.7	6.7	7.3	6.7	6.3	7.0	7.0	7.0	6.4
BARRACUDA (MVS-AP-101)	5.3	74.3	4.0	5.0	6.0	6.7	7.3	6.7	7.3	6.7	6.7	6.3
T-1	5.0	54.0	4.0	5.3	6.7	8.3	7.3	6.3	7.0	6.0	5.0	6.2
PENNCROSS	5.0	58.0	4.3	5.7	7.3	7.3	6.3	5.0	6.3	5.3	5.3	5.9
A08-EBM	5.3	53.3	4.0	5.3	7.0	8.3	6.0	5.7	5.3	5.3	5.0	5.8
BCD	6.0	44.3	4.3	5.7	7.0	7.0	6.3	5.3	5.7	5.3	5.3	5.8
L-93	5.3	53.3	3.7	5.0	6.0	6.0	6.3	5.7	6.0	5.7	5.7	5.6
PROCLAMATION (LTP-FEC)	4.0	49.7	3.7	4.3	5.0	6.3	6.0	6.0	6.7	6.3	6.3	5.6
PURE SELECT (PST-OJD)	4.0	57.0	3.7	5.0	5.7	6.3	6.3	5.7	6.0	5.7	5.7	5.6
A08-FT12	4.7	40.0	3.7	4.7	5.7	7.0	5.7	5.7	5.7	5.7	5.3	5.4
AUTHORITY	4.0	41.7	4.0	5.0	5.3	5.7	6.0	5.3	6.0	6.0	5.7	5.4
PRINCEVILLE	5.7	46.7	3.7	4.7	6.3	5.7	5.3	5.7	5.7	5.3	5.0	5.3
TIGER II	4.0	33.7	4.0	5.3	6.0	7.3	5.7	4.3	4.0	4.3	4.7	5.1
PIN-UP (HTM)	5.0	41.3	3.0	4.0	5.3	5.7	5.7	4.7	5.0	5.3	5.3	4.9
007	4.3	33.7	3.7	5.0	6.0	5.3	5.0	4.3	4.3	4.3	4.7	4.7
CY-2	5.0	46.0	2.7	4.3	5.3	5.7	4.7	4.7	5.0	5.0	5.0	4.7
BENCHMARK DSR	4.7	27.7	3.3	4.0	4.3	5.3	5.0	4.3	4.3	4.3	4.3	4.4
LUMINARY (A08-TDN2)	5.3	25.7	3.0	3.7	4.3	5.3	4.7	4.3	4.7	4.7	4.7	4.4
PST-R9D7	3.7	38.3	3.3	4.0	4.7	5.7	5.3	4.3	4.0	4.3	4.3	4.4
GREENTIME	5.0	15.3	3.0	3.7	4.3	4.7	4.0	3.0	3.0	3.0	3.7	3.6
SRP-1WM	4.7	5.0	1.7	2.0	2.3	2.7	2.7	2.3	2.0	2.0	2.0	2.2
LSD VALUE	2.8	63.6	2.5	1.8	3.8	3.6	4.2	5.5	5.0	4.1	5.0	3.4
C.V. (%)	20.6	55.1	27.5	20.5	28.8	25.7	28.6	36.5	37.6	33.2	35.3	27.4

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 5B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT COVER SUMMER	MAR	APR	MAY	JUN	QUALITY RATINGS					MEAN
							JUL	AUG	SEP	OCT	NOV	
DECLARATION	6.0	77.0	4.7	6.3	8.0	7.7	8.0	7.3	8.7	8.7	8.3	7.5
CRYSTAL BLUELINKS	5.3	61.0	5.0	6.0	7.3	7.7	6.3	6.7	7.0	6.7	6.7	6.6
MEMORIAL	5.3	68.0	4.3	5.7	6.7	7.3	6.7	6.3	7.0	7.0	7.0	6.4
BARRACUDA (MVS-AP-101)	5.3	74.3	4.0	5.0	6.0	6.7	7.3	6.7	7.3	6.7	6.7	6.3
T-1	5.0	54.0	4.0	5.3	6.7	8.3	7.3	6.3	7.0	6.0	5.0	6.2
PENNCROSS	5.0	58.0	4.3	5.7	7.3	7.3	6.3	5.0	6.3	5.3	5.3	5.9
L-93	5.3	53.3	3.7	5.0	6.0	6.0	6.3	5.7	6.0	5.7	5.7	5.6
PROCLAMATION (LTP-FEC)	4.0	49.7	3.7	4.3	5.0	6.3	6.0	6.0	6.7	6.3	6.3	5.6
PURE SELECT (PST-OJD)	4.0	57.0	3.7	5.0	5.7	6.3	6.3	5.7	6.0	5.7	5.7	5.6
AUTHORITY	4.0	41.7	4.0	5.0	5.3	5.7	6.0	5.3	6.0	6.0	5.7	5.4
PRINCEVILLE	5.7	46.7	3.7	4.7	6.3	5.7	5.3	5.7	5.7	5.3	5.0	5.3
PIN-UP (HTM)	5.0	41.3	3.0	4.0	5.3	5.7	5.7	4.7	5.0	5.3	5.3	4.9
O07	4.3	33.7	3.7	5.0	6.0	5.3	5.0	4.3	4.3	4.3	4.7	4.7
CY-2	5.0	46.0	2.7	4.3	5.3	5.7	4.7	4.7	5.0	5.0	5.0	4.7
BENCHMARK DSR	4.7	27.7	3.3	4.0	4.3	5.3	5.0	4.3	4.3	4.3	4.3	4.4
LUMINARY (A08-TDN2)	5.3	25.7	3.0	3.7	4.3	5.3	4.7	4.3	4.7	4.7	4.7	4.4
SRP-1WM	4.7	5.0	1.7	2.0	2.3	2.7	2.7	2.3	2.0	2.0	2.0	2.2
LSD VALUE	2.9	60.0	2.5	1.9	3.7	4.1	3.7	5.0	4.8	3.9	4.5	3.3
C.V. (%)	20.8	52.1	28.8	21.5	29.1	28.5	27.6	35.0	35.1	31.5	34.1	27.6

TABLE 5C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME NAME	SPRING GREENUP GREENUP	PERCENT COVER SUMMER GRCOVSUM	MAR MAR	APR APR	MAY MAY	JUN JUN	QUALITY RATINGS					MEAN MEAN
							JUL JUL	AUG AUG	SEP SEP	OCT OCT	NOV NOV	
A08-EBM	5.3	53.3	4.0	5.3	7.0	8.3	6.0	5.7	5.3	5.3	5.0	5.8
BCD	6.0	44.3	4.3	5.7	7.0	7.0	6.3	5.3	5.7	5.3	5.3	5.8
A08-FT12	4.7	40.0	3.7	4.7	5.7	7.0	5.7	5.7	5.7	5.7	5.3	5.4
TIGER II	4.0	33.7	4.0	5.3	6.0	7.3	5.7	4.3	4.0	4.3	4.7	5.1
PST-R9D7	3.7	38.3	3.3	4.0	4.7	5.7	5.3	4.3	4.0	4.3	4.3	4.4
GREENTIME	5.0	15.3	3.0	3.7	4.3	4.7	4.0	3.0	3.0	3.0	3.7	3.6
LSD VALUE	2.2	56.3	1.5	0.8	2.1	2.1	3.9	4.1	4.7	3.7	3.5	2.3
C.V. (%)	21.5	62.8	18.1	9.1	17.8	16.2	29.5	37.0	42.6	33.9	30.4	21.4

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

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

TABLE 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2013 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
								JUL	AUG	SEP	OCT	
A08-EBM	5.3	99.0	96.0	96.0	7.0	7.0	7.7	7.0	5.7	4.3	4.0	6.1
PRINCEVILLE	2.7	99.0	93.0	99.0	4.3	5.3	4.7	6.3	7.7	7.0	5.3	5.8
TIGER II	2.7	99.0	92.7	99.0	6.0	4.7	5.7	6.7	6.7	4.3	5.7	5.7
GREENTIME	5.7	93.0	96.0	96.0	6.0	3.7	5.7	6.3	6.0	4.3	7.0	5.6
PENNCROSS	2.7	99.0	90.0	99.0	4.3	5.7	5.7	7.3	7.7	4.0	4.3	5.6
BCD	4.7	96.0	86.7	99.0	6.7	4.3	4.3	5.7	5.7	5.3	6.0	5.4
L-93	2.7	93.0	80.0	96.0	3.7	5.7	6.3	5.7	6.0	5.3	5.3	5.4
DECLARATION	4.3	92.7	83.3	86.7	4.0	5.0	5.7	5.0	5.0	4.7	4.7	4.9
A08-FT12	2.0	96.0	93.0	99.0	4.3	3.0	4.0	5.7	4.3	3.7	6.3	4.5
LUMINARY (A08-TDN2)	4.7	93.0	73.3	86.3	4.3	5.7	6.7	4.7	4.0	3.3	3.0	4.5
MEMORIAL	2.7	92.7	73.3	93.0	4.0	5.0	4.0	4.0	5.0	5.0	4.0	4.4
SRP-1WM	2.3	80.0	70.0	96.0	3.0	4.7	4.3	3.3	5.3	5.3	5.0	4.4
AUTHORITY	4.3	89.7	76.7	92.7	3.3	4.0	5.7	3.3	4.0	5.3	4.7	4.3
CRYSTAL BLUELINKS	3.7	86.7	73.3	96.0	2.0	3.0	3.3	3.3	4.7	5.7	5.7	4.0
PST-R9D7	6.0	99.0	89.7	99.0	6.3	2.3	3.7	5.7	4.0	2.3	3.0	3.9
BENCHMARK DSR	3.3	76.7	73.3	86.7	2.3	3.0	3.7	4.0	4.3	4.7	4.7	3.8
CY-2	6.3	86.7	66.7	83.0	3.7	3.7	5.0	3.7	4.0	3.7	3.0	3.8
PIN-UP (HTM)	5.0	80.0	76.7	86.7	3.7	3.7	3.3	3.7	4.0	3.7	3.7	3.7
007	3.3	76.7	73.3	86.3	2.7	3.0	3.0	3.3	4.7	3.7	4.3	3.5
PROCLAMATION (LTP-FEC)	3.7	73.3	66.7	90.0	2.7	2.3	2.3	2.3	3.3	3.0	3.7	2.8
PURE SELECT (PST-OJD)	4.0	50.0	66.7	93.0	1.7	1.7	1.3	2.0	3.0	4.0	5.7	2.8
BARRACUDA (MVS-AP-101)	3.3	63.3	60.0	86.3	1.7	2.0	1.7	2.7	3.7	3.7	3.7	2.7
T-1	1.7	70.0	56.7	89.7	2.3	2.0	2.7	2.0	3.0	3.7	3.3	2.7
LSD VALUE	1.7	13.6	15.5	18.8	1.7	2.2	2.5	2.1	3.9	5.9	3.4	1.9
C.V. (%)	27.2	10.0	11.9	8.1	27.7	32.0	32.6	28.4	35.2	42.6	32.2	24.0

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 6B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT	PERCENT	PERCENT	QUALITY RATINGS							MEAN
		COVER SPRING	COVER SUMMER	COVER FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PRINCEVILLE	2.7	99.0	93.0	99.0	4.3	5.3	4.7	6.3	7.7	7.0	5.3	5.8
PENNCROSS	2.7	99.0	90.0	99.0	4.3	5.7	5.7	7.3	7.7	4.0	4.3	5.6
L-93	2.7	93.0	80.0	96.0	3.7	5.7	6.3	5.7	6.0	5.3	5.3	5.4
DECLARATION	4.3	92.7	83.3	86.7	4.0	5.0	5.7	5.0	5.0	4.7	4.7	4.9
LUMINARY (A08-TDN2)	4.7	93.0	73.3	86.3	4.3	5.7	6.7	4.7	4.0	3.3	3.0	4.5
MEMORIAL	2.7	92.7	73.3	93.0	4.0	5.0	4.0	4.0	5.0	5.0	4.0	4.4
SRP-1WM	2.3	80.0	70.0	96.0	3.0	4.7	4.3	3.3	5.3	5.3	5.0	4.4
AUTHORITY	4.3	89.7	76.7	92.7	3.3	4.0	5.7	3.3	4.0	5.3	4.7	4.3
CRYSTAL BLUELINKS	3.7	86.7	73.3	96.0	2.0	3.0	3.3	3.3	4.7	5.7	5.7	4.0
BENCHMARK DSR	3.3	76.7	73.3	86.7	2.3	3.0	3.7	4.0	4.3	4.7	4.7	3.8
CY-2	6.3	86.7	66.7	83.0	3.7	3.7	5.0	3.7	4.0	3.7	3.0	3.8
PIN-UP (HTM)	5.0	80.0	76.7	86.7	3.7	3.7	3.3	3.7	4.0	3.7	3.7	3.7
007	3.3	76.7	73.3	86.3	2.7	3.0	3.0	3.3	4.7	3.7	4.3	3.5
PROCLAMATION (LTP-FEC)	3.7	73.3	66.7	90.0	2.7	2.3	2.3	2.3	3.3	3.0	3.7	2.8
PURE SELECT (PST-OJD)	4.0	50.0	66.7	93.0	1.7	1.7	1.3	2.0	3.0	4.0	5.7	2.8
BARRACUDA (MVS-AP-101)	3.3	63.3	60.0	86.3	1.7	2.0	1.7	2.7	3.7	3.7	3.7	2.7
T-1	1.7	70.0	56.7	89.7	2.3	2.0	2.7	2.0	3.0	3.7	3.3	2.7
LSD VALUE	1.5	16.0	17.5	24.8	2.0	2.2	2.6	2.2	3.3	5.5	4.1	1.9
C.V. (%)	24.5	11.7	12.7	9.5	31.8	32.8	35.6	31.8	34.2	42.2	33.8	24.8

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT	PERCENT	PERCENT	QUALITY RATINGS							MEAN
		COVER SPRING	COVER SUMMER	COVER FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT	
A08-EBM	5.3	99.0	96.0	96.0	7.0	7.0	7.7	7.0	5.7	4.3	4.0	6.1
TIGER II	2.7	99.0	92.7	99.0	6.0	4.7	5.7	6.7	6.7	4.3	5.7	5.7
GREENTIME	5.7	93.0	96.0	96.0	6.0	3.7	5.7	6.3	6.0	4.3	7.0	5.6
BCD	4.7	96.0	86.7	99.0	6.7	4.3	4.3	5.7	5.7	5.3	6.0	5.4
A08-FT12	2.0	96.0	93.0	99.0	4.3	3.0	4.0	5.7	4.3	3.7	6.3	4.5
PST-R9D7	6.0	99.0	89.7	99.0	6.3	2.3	3.7	5.7	4.0	2.3	3.0	3.9
LSD VALUE	2.0	8.1	12.1	7.6	2.7	2.4	2.4	2.4	3.9	4.5	3.2	2.4
C.V. (%)	24.8	3.7	5.8	3.2	19.9	30.0	23.7	16.5	31.0	46.7	29.0	20.7

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 7A. GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1	NJ1	QE1	RI1	VA5	WI1	MEAN
T-1	7.7	7.3	7.3	7.7	7.0	8.0	7.5
O07	6.7	7.3	7.7	7.3	7.7	7.3	7.3
BENCHMARK DSR	6.7	7.3	6.7	8.0	7.0	7.7	7.2
LUMINARY (A08-TDN2)	6.7	7.7	7.3	6.7	7.0	7.3	7.1
CRYSTAL BLUELINKS	7.0	6.0	7.3	7.0	7.7	7.3	7.1
PIN-UP (HTM)	6.0	6.7	7.0	7.0	7.7	8.0	7.1
L-93	7.0	6.3	7.3	7.0	6.7	7.3	6.9
DECLARATION	6.3	5.7	7.7	7.0	7.0	7.0	6.8
PROCLAMATION (LTP-FEC)	6.3	6.3	6.7	6.0	8.0	7.3	6.8
BARRACUDA (MVS-AP-101)	6.0	6.7	6.7	6.0	7.7	7.3	6.7
MEMORIAL	6.7	5.7	7.7	6.0	7.0	7.0	6.7
PURE SELECT (PST-OJD)	6.3	6.0	7.0	5.3	7.3	7.3	6.6
CY-2	6.3	5.0	7.7	6.0	7.0	7.0	6.5
AUTHORITY	6.7	5.0	7.0	6.0	6.7	7.3	6.4
GREENTIME	5.0	5.7	7.0	6.0	8.0	7.0	6.4
PENNCROSS	6.3	4.3	7.7	6.0	6.3	6.7	6.2
SRP-1WM	6.0	6.0	6.7	5.0	6.3	7.0	6.2
A08-FT12	5.0	5.0	7.0	5.0	8.0	6.3	6.1
BCD	5.0	4.3	6.3	6.0	7.3	6.7	5.9
TIGER II	5.0	3.7	6.7	5.7	7.3	7.0	5.9
A08-EBM	5.0	3.3	8.0	4.0	7.3	6.3	5.7
PRINCEVILLE	5.3	4.3	7.0	5.3	5.7	6.3	5.7
PST-R9D7	5.0	2.7	7.0	4.7	6.3	7.3	5.5
LSD VALUE	0.7	1.9	1.3	0.5	1.3	0.8	0.5
C.V. (%)	7.7	21.7	10.9	5.2	11.6	7.2	11.4

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

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

TABLE 7B. GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/						
	IL1	NJ1	QE1	RI1	VA5	WI1	MEAN
T-1	7.7	7.3	7.3	7.7	7.0	8.0	7.5
007	6.7	7.3	7.7	7.3	7.7	7.3	7.3
BENCHMARK DSR	6.7	7.3	6.7	8.0	7.0	7.7	7.2
LUMINARY (A08-TDN2)	6.7	7.7	7.3	6.7	7.0	7.3	7.1
CRYSTAL BLUELINKS	7.0	6.0	7.3	7.0	7.7	7.3	7.1
PIN-UP (HTM)	6.0	6.7	7.0	7.0	7.7	8.0	7.1
L-93	7.0	6.3	7.3	7.0	6.7	7.3	6.9
DECLARATION	6.3	5.7	7.7	7.0	7.0	7.0	6.8
PROCLAMATION (LTP-FEC)	6.3	6.3	6.7	6.0	8.0	7.3	6.8
BARRACUDA (MVS-AP-101)	6.0	6.7	6.7	6.0	7.7	7.3	6.7
MEMORIAL	6.7	5.7	7.7	6.0	7.0	7.0	6.7
PURE SELECT (PST-OJD)	6.3	6.0	7.0	5.3	7.3	7.3	6.6
CY-2	6.3	5.0	7.7	6.0	7.0	7.0	6.5
AUTHORITY	6.7	5.0	7.0	6.0	6.7	7.3	6.4
PENNCROSS	6.3	4.3	7.7	6.0	6.3	6.7	6.2
SRP-1WM	6.0	6.0	6.7	5.0	6.3	7.0	6.2
PRINCEVILLE	5.3	4.3	7.0	5.3	5.7	6.3	5.7
LSD VALUE	0.9	2.0	1.3	0.5	1.1	0.8	0.5
C.V. (%)	8.4	19.9	10.8	4.9	9.9	7.2	10.9

TABLE 7C. GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/						
	IL1	NJ1	QE1	RI1	VA5	WI1	MEAN
GREENTIME	5	5.7	7.0	6.0	8.0	7.0	6.4
A08-FT12	5	5.0	7.0	5.0	8.0	6.3	6.1
BCD	5	4.3	6.3	6.0	7.3	6.7	5.9
TIGER II	5	3.7	6.7	5.7	7.3	7.0	5.9
A08-EBM	5	3.3	8.0	4.0	7.3	6.3	5.7
PST-R9D7	5	2.7	7.0	4.7	6.3	7.3	5.5
LSD VALUE	0	1.9	1.3	0.5	1.8	0.8	0.5
C.V. (%)	0	29.2	11.2	6.4	15.0	7.0	13.1

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 8A. SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1	MA1	PA1	QE1	RI1	WA3	MEAN
CRYSTAL BLUELINKS	5.0	5.3	7.0	4.0	7.3	6.0	5.8
TIGER II	6.7	6.7	6.3	3.0	5.0	6.7	5.7
GREENTIME	7.0	6.0	5.3	3.3	5.7	6.7	5.7
L-93	5.3	5.3	7.3	2.7	6.3	6.7	5.6
PST-R9D7	6.3	6.0	5.7	3.3	5.7	6.7	5.6
DECLARATION	5.0	4.7	6.7	3.3	8.0	5.7	5.6
MEMORIAL	4.7	5.0	7.0	3.7	6.3	6.0	5.4
A08-FT12	6.3	6.0	5.7	3.0	5.7	5.7	5.4
BCD	6.3	6.0	5.7	2.7	5.0	6.7	5.4
PENNCROSS	5.7	4.0	7.3	2.7	5.7	7.0	5.4
007	4.3	4.3	7.7	3.7	5.7	6.0	5.3
A08-EBM	6.3	5.3	6.7	3.0	4.7	5.3	5.2
LUMINARY (A08-TDN2)	6.0	4.0	5.7	3.0	7.0	5.7	5.2
BENCHMARK DSR	5.0	3.7	7.7	2.3	5.7	6.7	5.2
AUTHORITY	5.0	4.0	7.0	2.7	6.3	5.7	5.1
T-1	5.7	3.3	5.0	4.0	6.0	6.7	5.1
PRINCEVILLE	5.3	4.0	6.3	2.3	6.3	5.7	5.0
BARRACUDA (MVS-AP-101)	4.7	4.0	8.7	2.7	4.7	5.0	4.9
CY-2	3.7	5.7	6.3	3.7	4.7	5.3	4.9
SRP-1WM	3.7	4.0	7.0	2.7	6.0	5.3	4.8
PIN-UP (HTM)	4.3	3.7	7.0	2.3	5.0	5.7	4.7
PROCLAMATION (LTP-FEC)	4.0	3.3	7.7	2.0	5.0	5.7	4.6
PURE SELECT (PST-OJD)	4.7	2.7	6.3	3.3	5.0	5.3	4.6
LSD VALUE	1.0	1.3	1.9	1.1	1.3	0.8	0.5
C.V. (%)	12.1	17.4	17.4	22.2	14.3	8.5	15.2

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 8B. SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1	MA1	PA1	QE1	RI1	WA3	MEAN
CRYSTAL BLUELINKS	5.0	5.3	7.0	4.0	7.3	6.0	5.8
L-93	5.3	5.3	7.3	2.7	6.3	6.7	5.6
DECLARATION	5.0	4.7	6.7	3.3	8.0	5.7	5.6
MEMORIAL	4.7	5.0	7.0	3.7	6.3	6.0	5.4
PENNCROSS	5.7	4.0	7.3	2.7	5.7	7.0	5.4
007	4.3	4.3	7.7	3.7	5.7	6.0	5.3
LUMINARY (A08-TDN2)	6.0	4.0	5.7	3.0	7.0	5.7	5.2
BENCHMARK DSR	5.0	3.7	7.7	2.3	5.7	6.7	5.2
AUTHORITY	5.0	4.0	7.0	2.7	6.3	5.7	5.1
T-1	5.7	3.3	5.0	4.0	6.0	6.7	5.1
PRINCEVILLE	5.3	4.0	6.3	2.3	6.3	5.7	5.0
BARRACUDA (MVS-AP-101)	4.7	4.0	8.7	2.7	4.7	5.0	4.9
CY-2	3.7	5.7	6.3	3.7	4.7	5.3	4.9
SRP-1WM	3.7	4.0	7.0	2.7	6.0	5.3	4.8
PIN-UP (HTM)	4.3	3.7	7.0	2.3	5.0	5.7	4.7
PROCLAMATION (LTP-FEC)	4.0	3.3	7.7	2.0	5.0	5.7	4.6
PURE SELECT (PST-OJD)	4.7	2.7	6.3	3.3	5.0	5.3	4.6
LSD VALUE	1.0	1.3	2.1	1.2	1.4	0.8	0.6
C.V. (%)	13.0	19.5	18.8	24.7	14.3	8.2	16.4

TABLE 8C. SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1	MA1	PA1	QE1	RI1	WA3	MEAN
TIGER II	6.7	6.7	6.3	3.0	5.0	6.7	5.7
GREENTIME	7.0	6.0	5.3	3.3	5.7	6.7	5.7
PST-R9D7	6.3	6.0	5.7	3.3	5.7	6.7	5.6
A08-FT12	6.3	6.0	5.7	3.0	5.7	5.7	5.4
BCD	6.3	6.0	5.7	2.7	5.0	6.7	5.4
A08-EBM	6.3	5.3	6.7	3.0	4.7	5.3	5.2
LSD VALUE	1.1	1.3	0.9	0.7	1.2	0.9	0.4
C.V. (%)	10.3	13.0	9.8	13.4	14.1	9.2	11.6

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

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

TABLE 9A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
BARRACUDA (MVS-AP-101)	8.0	8.0	8.0
PURE SELECT (PST-OJD)	7.3	8.7	8.0
007	7.3	8.0	7.7
GREENTIME	7.0	8.0	7.5
CY-2	6.3	8.3	7.3
SRP-1WM	7.7	7.0	7.3
T-1	6.7	8.0	7.3
A08-FT12	6.7	7.7	7.2
PIN-UP (HTM)	6.7	7.7	7.2
A08-EBM	7.3	7.0	7.2
BCD	7.3	7.0	7.2
LUMINARY (A08-TDN2)	7.0	7.3	7.2
CRYSTAL BLUELINKS	5.7	8.3	7.0
PROCLAMATION (LTP-FEC)	7.3	6.7	7.0
TIGER II	7.0	7.0	7.0
BENCHMARK DSR	7.0	6.7	6.8
PST-R9D7	6.0	7.7	6.8
AUTHORITY	7.3	6.3	6.8
DECLARATION	6.3	7.3	6.8
MEMORIAL	4.7	7.7	6.2
L-93	5.3	6.7	6.0
PENNCROSS	3.3	8.7	6.0
PRINCEVILLE	3.3	7.0	5.2
LSD VALUE	1.6	1.7	1.2
C.V. (%)	15.4	14.3	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 9B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
BARRACUDA (MVS-AP-101)	8.0	8.0	8.0
PURE SELECT (PST-OJD)	7.3	8.7	8.0
007	7.3	8.0	7.7
CY-2	6.3	8.3	7.3
SRP-1WM	7.7	7.0	7.3
T-1	6.7	8.0	7.3
PIN-UP (HTM)	6.7	7.7	7.2
LUMINARY (A08-TDN2)	7.0	7.3	7.2
CRYSTAL BLUELINKS	5.7	8.3	7.0
PROCLAMATION (LTP-FEC)	7.3	6.7	7.0
BENCHMARK DSR	7.0	6.7	6.8
AUTHORITY	7.3	6.3	6.8
DECLARATION	6.3	7.3	6.8
MEMORIAL	4.7	7.7	6.2
L-93	5.3	6.7	6.0
PENNCROSS	3.3	8.7	6.0
PRINCEVILLE	3.3	7.0	5.2
LSD VALUE	1.8	1.6	1.2
C.V. (%)	17.9	13.2	15.4

TABLE 9C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
GREENTIME	7.0	8.0	7.5
A08-FT12	6.7	7.7	7.2
A08-EBM	7.3	7.0	7.2
BCD	7.3	7.0	7.2
TIGER II	7.0	7.0	7.0
PST-R9D7	6.0	7.7	6.8
LSD VALUE	0.7	2.0	1.1
C.V. (%)	5.9	17.2	13.2

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 10A. WEAR TOLERANCE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	MA1
A08-EBM	7.7
PST-R9D7	7.7
GREENTIME	6.7
MEMORIAL	6.7
TIGER II	6.7
CY-2	6.3
A08-FT12	6.0
BCD	6.0
CRYSTAL BLUELINKS	6.0
LUMINARY (A08-TDN2)	6.0
T-1	6.0
PENNCROSS	5.7
BENCHMARK DSR	5.3
SRP-1WM	5.3
L-93	5.0
PRINCEVILLE	5.0
007	4.7
PIN-UP (HTM)	4.7
AUTHORITY	4.3
BARRACUDA (MVS-AP-101)	4.3
PURE SELECT (PST-OJD)	4.3
PROCLAMATION (LTP-FEC)	4.0
DECLARATION	3.7
LSD VALUE	1.5
C.V. (%)	16.3

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

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

TABLE 10B. WEAR TOLERANCE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	MA1
MEMORIAL	6.7
CY-2	6.3
CRYSTAL BLUELINKS	6.0
LUMINARY (A08-TDN2)	6.0
T-1	6.0
PENNCROSS	5.7
BENCHMARK DSR	5.3
SRP-1WM	5.3
L-93	5.0
PRINCEVILLE	5.0
007	4.7
PIN-UP (HTM)	4.7
AUTHORITY	4.3
BARRACUDA (MVS-AP-101)	4.3
PURE SELECT (PST-OJD)	4.3
PROCLAMATION (LTP-FEC)	4.0
DECLARATION	3.7
LSD VALUE	1.6
C.V. (%)	19.3

TABLE 10C. WEAR TOLERANCE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	MA1
A08-EBM	7.7
PST-R9D7	7.7
GREENTIME	6.7
TIGER II	6.7
A08-FT12	6.0
BCD	6.0
LSD VALUE	1.0
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 11A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
007	6.7
PST-R9D7	6.3
MEMORIAL	6.0
PURE SELECT (PST-OJD)	6.0
T-1	6.0
A08-FT12	5.7
CRYSTAL BLUELINKS	5.7
CY-2	5.7
GREENTIME	5.7
A08-EBM	5.3
DECLARATION	5.3
SRP-1WM	5.3
LUMINARY (A08-TDN2)	5.0
TIGER II	4.7
BARRACUDA (MVS-AP-101)	4.3
L-93	4.3
AUTHORITY	4.0
BCD	3.7
PIN-UP (HTM)	3.7
PENNCROSS	3.0
PRINCEVILLE	3.0
PROCLAMATION (LTP-FEC)	2.7
BENCHMARK DSR	2.3
LSD VALUE	2.6
C.V. (%)	33.5

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 11B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
007	6.7
MEMORIAL	6.0
PURE SELECT (PST-OJD)	6.0
T-1	6.0
CRYSTAL BLUELINKS	5.7
CY-2	5.7
DECLARATION	5.3
SRP-1WM	5.3
LUMINARY (A08-TDN2)	5.0
BARRACUDA (MVS-AP-101)	4.3
L-93	4.3
AUTHORITY	4.0
PIN-UP (HTM)	3.7
PENNCROSS	3.0
PRINCEVILLE	3.0
PROCLAMATION (LTP-FEC)	2.7
BENCHMARK DSR	2.3
LSD VALUE	2.8
C.V. (%)	37.8

TABLE 11C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
PST-R9D7	6.3
A08-FT12	5.7
GREENTIME	5.7
A08-EBM	5.3
TIGER II	4.7
BCD	3.7
LSD VALUE	1.7
C.V. (%)	20.7

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 12A. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
PURE SELECT (PST-OJD)	7.3
007	7.0
LUMINARY (A08-TDN2)	7.0
MEMORIAL	7.0
PST-R9D7	7.0
A08-EBM	6.3
CY-2	6.3
GREENTIME	6.3
T-1	6.3
DECLARATION	6.0
SRP-1WM	6.0
A08-FT12	5.7
AUTHORITY	5.3
BARRACUDA (MVS-AP-101)	5.3
CRYSTAL BLUELINKS	5.0
PRINCEVILLE	5.0
L-93	4.3
TIGER II	4.3
BCD	4.0
BENCHMARK DSR	3.3
PENNCROSS	3.3
PIN-UP (HTM)	3.3
PROCLAMATION (LTP-FEC)	3.0
LSD VALUE	2.2
C.V. (%)	25.3

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 12B. SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
PURE SELECT (PST-OJD)	7.3
007	7.0
LUMINARY (A08-TDN2)	7.0
MEMORIAL	7.0
CY-2	6.3
T-1	6.3
DECLARATION	6.0
SRP-1WM	6.0
AUTHORITY	5.3
BARRACUDA (MVS-AP-101)	5.3
CRYSTAL BLUELINKS	5.0
PRINCEVILLE	5.0
L-93	4.3
BENCHMARK DSR	3.3
PENNCROSS	3.3
PIN-UP (HTM)	3.3
PROCLAMATION (LTP-FEC)	3.0
LSD VALUE	2.3
C.V. (%)	26.4

TABLE 12C. SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	QE1
PST-R9D7	7.0
A08-EBM	6.3
GREENTIME	6.3
A08-FT12	5.7
TIGER II	4.3
BCD	4.0
LSD VALUE	2.0
C.V. (%)	22.2

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 13A. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
PURE SELECT (PST-OJD)	7.7	7.0	7.3
007	7.3	7.0	7.2
LUMINARY (A08-TDN2)	6.7	6.3	6.5
CY-2	6.0	6.7	6.3
A08-EBM	6.3	6.3	6.3
GREENTIME	6.7	5.7	6.2
A08-FT12	7.3	5.0	6.2
SRP-1WM	7.3	5.0	6.2
AUTHORITY	7.0	5.0	6.0
T-1	5.7	6.3	6.0
BARRACUDA (MVS-AP-101)	6.7	5.0	5.8
PST-R9D7	5.0	6.7	5.8
DECLARATION	6.3	5.0	5.7
CRYSTAL BLUELINKS	5.3	5.7	5.5
MEMORIAL	4.0	7.0	5.5
PIN-UP (HTM)	7.0	3.7	5.3
TIGER II	6.3	4.3	5.3
BCD	6.3	4.0	5.2
L-93	5.7	4.3	5.0
PROCLAMATION (LTP-FEC)	7.0	2.7	4.8
BENCHMARK DSR	6.3	2.7	4.5
PRINCEVILLE	3.0	4.3	3.7
PENNCROSS	3.7	3.0	3.3
LSD VALUE	1.4	2.2	1.3
C.V. (%)	14.2	26.0	20.0

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 13B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
PURE SELECT (PST-OJD)	7.7	7.0	7.3
007	7.3	7.0	7.2
LUMINARY (A08-TDN2)	6.7	6.3	6.5
CY-2	6.0	6.7	6.3
SRP-1WM	7.3	5.0	6.2
AUTHORITY	7.0	5.0	6.0
T-1	5.7	6.3	6.0
BARRACUDA (MVS-AP-101)	6.7	5.0	5.8
DECLARATION	6.3	5.0	5.7
CRYSTAL BLUELINKS	5.3	5.7	5.5
MEMORIAL	4.0	7.0	5.5
PIN-UP (HTM)	7.0	3.7	5.3
L-93	5.7	4.3	5.0
PROCLAMATION (LTP-FEC)	7.0	2.7	4.8
BENCHMARK DSR	6.3	2.7	4.5
PRINCEVILLE	3.0	4.3	3.7
PENNCROSS	3.7	3.0	3.3
LSD VALUE	1.5	2.3	1.4
C.V. (%)	15.4	27.7	21.5

TABLE 13C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1	QE1	MEAN
A08-EBM	6.3	6.3	6.3
GREENTIME	6.7	5.7	6.2
A08-FT12	7.3	5.0	6.2
PST-R9D7	5.0	6.7	5.8
TIGER II	6.3	4.3	5.3
BCD	6.3	4.0	5.2
LSD VALUE	1.1	1.8	1.0
C.V. (%)	10.5	20.7	15.6

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

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

TABLE 14A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
A08-FT12	99.0
TIGER II	99.0
GREENTIME	96.0
PST-R9D7	94.7
A08-EBM	94.3
PIN-UP (HTM)	93.0
SRP-1WM	91.7
CY-2	91.3
L-93	91.3
007	86.7
AUTHORITY	86.3
BCD	86.3
CRYSTAL BLUELINKS	86.3
BARRACUDA (MVS-AP-101)	85.0
MEMORIAL	85.0
DECLARATION	84.7
LUMINARY (A08-TDN2)	84.7
T-1	84.7
PURE SELECT (PST-OJD)	81.7
PRINCEVILLE	80.0
PENNCROSS	79.7
PROCLAMATION (LTP-FEC)	76.7
BENCHMARK DSR	66.7
LSD VALUE	16.3
C.V. (%)	11.6

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

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

TABLE 14B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
PIN-UP (HTM)	93.0
SRP-1WM	91.7
CY-2	91.3
L-93	91.3
007	86.7
AUTHORITY	86.3
CRYSTAL BLUELINKS	86.3
BARRACUDA (MVS-AP-101)	85.0
MEMORIAL	85.0
DECLARATION	84.7
LUMINARY (A08-TDN2)	84.7
T-1	84.7
PURE SELECT (PST-OJD)	81.7
PRINCEVILLE	80.0
PENNCROSS	79.7
PROCLAMATION (LTP-FEC)	76.7
BENCHMARK DSR	66.7
LSD VALUE	17.9
C.V. (%)	13.2

TABLE 14C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
A08-FT12	99.0
TIGER II	99.0
GREENTIME	96.0
PST-R9D7	94.7
A08-EBM	94.3
BCD	86.3
LSD VALUE	10.5
C.V. (%)	6.9

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 15A. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	KY1	WA3	MEAN
TIGER II	4.7	6.0	5.3
GREENTIME	4.3	5.7	5.0
PST-R9D7	3.3	6.7	5.0
A08-FT12	4.0	5.0	4.5
A08-EBM	3.7	5.0	4.3
AUTHORITY	3.3	5.0	4.2
CY-2	3.0	5.3	4.2
BCD	3.0	5.0	4.0
CRYSTAL BLUELINKS	3.0	5.0	4.0
L-93	3.0	5.0	4.0
PRINCEVILLE	2.7	5.3	4.0
PURE SELECT (PST-OJD)	3.0	5.0	4.0
DECLARATION	3.0	4.7	3.8
MEMORIAL	2.7	5.0	3.8
T-1	2.7	5.0	3.8
BARRACUDA (MVS-AP-101)	2.7	4.7	3.7
LUMINARY (A08-TDN2)	2.7	4.7	3.7
007	2.7	4.3	3.5
BENCHMARK DSR	2.7	4.3	3.5
PENNCROSS	2.7	4.0	3.3
PIN-UP (HTM)	2.3	4.3	3.3
PROCLAMATION (LTP-FEC)	2.7	4.0	3.3
SRP-1WM	2.0	4.0	3.0
LSD VALUE	0.7	0.8	0.6
C.V. (%)	15.4	10.7	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 15B. WINTER COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	KY1	WA3	MEAN
AUTHORITY	3.3	5.0	4.2
CY-2	3.0	5.3	4.2
CRYSTAL BLUELINKS	3.0	5.0	4.0
L-93	3.0	5.0	4.0
PRINCEVILLE	2.7	5.3	4.0
PURE SELECT (PST-OJD)	3.0	5.0	4.0
DECLARATION	3.0	4.7	3.8
MEMORIAL	2.7	5.0	3.8
T-1	2.7	5.0	3.8
BARRACUDA (MVS-AP-101)	2.7	4.7	3.7
LUMINARY (A08-TDN2)	2.7	4.7	3.7
007	2.7	4.3	3.5
BENCHMARK DSR	2.7	4.3	3.5
PENNCROSS	2.7	4.0	3.3
PIN-UP (HTM)	2.3	4.3	3.3
PROCLAMATION (LTP-FEC)	2.7	4.0	3.3
SRP-1WM	2.0	4.0	3.0
LSD VALUE	0.7	0.8	0.6
C.V. (%)	16.9	11.2	13.3

TABLE 15C. WINTER COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	KY1	WA3	MEAN
TIGER II	4.7	6.0	5.3
GREENTIME	4.3	5.7	5.0
PST-R9D7	3.3	6.7	5.0
A08-FT12	4.0	5.0	4.5
A08-EBM	3.7	5.0	4.3
BCD	3.0	5.0	4.0
LSD VALUE	0.8	0.8	0.6
C.V. (%)	12.3	9.5	10.7

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 16A. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
A08-EBM	9.0
A08-FT12	9.0
BCD	8.7
GREENTIME	8.7
TIGER II	8.7
L-93	7.3
PST-R9D7	7.3
CRYSTAL BLUELINKS	7.0
CY-2	7.0
PROCLAMATION (LTP-FEC)	7.0
T-1	7.0
SRP-1WM	6.3
007	6.0
AUTHORITY	6.0
PENNCROSS	5.7
PRINCEVILLE	5.3
PURE SELECT (PST-OJD)	5.3
BARRACUDA (MVS-AP-101)	5.0
DECLARATION	4.3
LUMINARY (A08-TDN2)	4.3
MEMORIAL	4.3
PIN-UP (HTM)	4.3
BENCHMARK DSR	1.7
LSD VALUE	3.1
C.V. (%)	30.5

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 16B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
L-93	7.3
CRYSTAL BLUELINKS	7.0
CY-2	7.0
PROCLAMATION (LTP-FEC)	7.0
T-1	7.0
SRP-1WM	6.3
007	6.0
AUTHORITY	6.0
PENNCROSS	5.7
PRINCEVILLE	5.3
PURE SELECT (PST-OJD)	5.3
BARRACUDA (MVS-AP-101)	5.0
DECLARATION	4.3
LUMINARY (A08-TDN2)	4.3
MEMORIAL	4.3
PIN-UP (HTM)	4.3
BENCHMARK DSR	1.7
LSD VALUE	3.6
C.V. (%)	40.3

TABLE 16C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
A08-EBM	9.0
A08-FT12	9.0
BCD	8.7
GREENTIME	8.7
TIGER II	8.7
PST-R9D7	7.3
LSD VALUE	0.8
C.V. (%)	5.5

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

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

TABLE 17A. THATCH MEASUREMENTS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	MA1
LUMINARY (A08-TDN2)	25.3
BARRACUDA (MVS-AP-101)	25.0
007	24.7
PIN-UP (HTM)	24.3
L-93	24.0
A08-FT12	23.7
AUTHORITY	23.7
BCD	23.7
MEMORIAL	23.7
PROCLAMATION (LTP-FEC)	23.7
T-1	23.7
PURE SELECT (PST-OJD)	23.3
SRP-1WM	22.7
GREENTIME	22.3
TIGER II	22.3
CY-2	21.7
BENCHMARK DSR	21.3
CRYSTAL BLUELINKS	21.3
DECLARATION	21.0
PENNCROSS	21.0
A08-EBM	20.7
PRINCEVILLE	20.7
PST-R9D7	19.0
LSD VALUE	3.2
C.V. (%)	8.7

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

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

TABLE 17B. THATCH MEASUREMENTS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	MA1
LUMINARY (A08-TDN2)	25.3
BARRACUDA (MVS-AP-101)	25.0
007	24.7
PIN-UP (HTM)	24.3
L-93	24.0
AUTHORITY	23.7
MEMORIAL	23.7
PROCLAMATION (LTP-FEC)	23.7
T-1	23.7
PURE SELECT (PST-OJD)	23.3
SRP-1WM	22.7
CY-2	21.7
BENCHMARK DSR	21.3
CRYSTAL BLUELINKS	21.3
DECLARATION	21.0
PENNCROSS	21.0
PRINCEVILLE	20.7
LSD VALUE	3.2
C.V. (%)	8.7

TABLE 17C. THATCH MEASUREMENTS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	MA1
A08-FT12	23.7
BCD	23.7
GREENTIME	22.3
TIGER II	22.3
A08-EBM	20.7
PST-R9D7	19.0
LSD VALUE	3.1
C.V. (%)	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 18A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MN1	NJ1	MEAN
DECLARATION	7.7	8.0	7.8
SRP-1WM	6.7	8.7	7.7
A08-EBM	5.7	9.0	7.3
A08-FT12	5.7	9.0	7.3
007	6.7	7.7	7.2
BARRACUDA (MVS-AP-101)	6.7	7.7	7.2
BENCHMARK DSR	6.0	8.3	7.2
TIGER II	4.7	9.0	6.8
GREENTIME	5.0	8.7	6.8
LUMINARY (A08-TDN2)	6.3	7.0	6.7
MEMORIAL	5.0	8.0	6.5
PIN-UP (HTM)	6.0	6.7	6.3
PST-R9D7	4.7	8.0	6.3
PROCLAMATION (LTP-FEC)	6.0	6.3	6.2
CRYSTAL BLUELINKS	5.3	6.7	6.0
CY-2	4.3	7.0	5.7
PURE SELECT (PST-OJD)	6.0	5.3	5.7
L-93	4.7	6.3	5.5
BCD	2.0	8.7	5.3
T-1	4.7	5.0	4.8
PENNCROSS	3.3	6.3	4.8
AUTHORITY	3.7	5.3	4.5
PRINCEVILLE	2.3	6.3	4.3
LSD VALUE	1.8	1.4	1.1
C.V. (%)	21.1	11.9	15.8

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

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

TABLE 18B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MN1	NJ1	MEAN
DECLARATION	7.7	8.0	7.8
SRP-1WM	6.7	8.7	7.7
007	6.7	7.7	7.2
BARRACUDA (MVS-AP-101)	6.7	7.7	7.2
BENCHMARK DSR	6.0	8.3	7.2
LUMINARY (A08-TDN2)	6.3	7.0	6.7
MEMORIAL	5.0	8.0	6.5
PIN-UP (HTM)	6.0	6.7	6.3
PROCLAMATION (LTP-FEC)	6.0	6.3	6.2
CRYSTAL BLUELINKS	5.3	6.7	6.0
CY-2	4.3	7.0	5.7
PURE SELECT (PST-OJD)	6.0	5.3	5.7
L-93	4.7	6.3	5.5
T-1	4.7	5.0	4.8
PENNCROSS	3.3	6.3	4.8
AUTHORITY	3.7	5.3	4.5
PRINCEVILLE	2.3	6.3	4.3
LSD VALUE	1.2	1.6	1.0
C.V. (%)	14.3	14.1	14.3

TABLE 18C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MN1	NJ1	MEAN
A08-EBM	5.7	9.0	7.3
A08-FT12	5.7	9.0	7.3
TIGER II	4.7	9.0	6.8
GREENTIME	5.0	8.7	6.8
PST-R9D7	4.7	8.0	6.3
BCD	2.0	8.7	5.3
LSD VALUE	2.7	0.8	1.4
C.V. (%)	36.9	6.0	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 19A. RED THREAD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
PST-R9D7	7.0
GREENTIME	6.7
A08-EBM	6.0
T-1	6.0
BENCHMARK DSR	5.7
TIGER II	5.7
BCD	5.3
MEMORIAL	5.3
BARRACUDA (MVS-AP-101)	5.0
CRYSTAL BLUELINKS	5.0
DECLARATION	5.0
PRINCEVILLE	5.0
PROCLAMATION (LTP-FEC)	5.0
SRP-1WM	5.0
A08-FT12	4.7
AUTHORITY	4.7
L-93	4.7
LUMINARY (A08-TDN2)	4.7
007	4.3
PENNCROSS	4.3
CY-2	4.0
PIN-UP (HTM)	4.0
PURE SELECT (PST-OJD)	4.0
LSD VALUE	1.6
C.V. (%)	19.9

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 19B. RED THREAD RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
T-1	6.0
BENCHMARK DSR	5.7
MEMORIAL	5.3
BARRACUDA (MVS-AP-101)	5.0
CRYSTAL BLUELINKS	5.0
DECLARATION	5.0
PRINCEVILLE	5.0
PROCLAMATION (LTP-FEC)	5.0
SRP-1WM	5.0
AUTHORITY	4.7
L-93	4.7
LUMINARY (A08-TDN2)	4.7
007	4.3
PENNCROSS	4.3
CY-2	4.0
PIN-UP (HTM)	4.0
PURE SELECT (PST-OJD)	4.0
LSD VALUE	1.8
C.V. (%)	23.3

TABLE 19C. RED THREAD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
PST-R9D7	7.0
GREENTIME	6.7
A08-EBM	6.0
TIGER II	5.7
BCD	5.3
A08-FT12	4.7
LSD VALUE	1.0
C.V. (%)	10.6

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

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

TABLE 20A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MD1
007	9.0
AUTHORITY	9.0
BARRACUDA (MVS-AP-101)	9.0
BENCHMARK DSR	9.0
CRYSTAL BLUELINKS	9.0
CY-2	9.0
DECLARATION	9.0
L-93	9.0
LUMINARY (A08-TDN2)	9.0
MEMORIAL	9.0
PENNCROSS	9.0
PIN-UP (HTM)	9.0
PRINCEVILLE	9.0
PROCLAMATION (LTP-FEC)	9.0
PURE SELECT (PST-OJD)	9.0
SRP-1WM	9.0
T-1	9.0
BCD	7.3
GREENTIME	7.0
A08-EBM	6.3
A08-FT12	6.3
TIGER II	5.3
PST-R9D7	3.3
LSD VALUE	0.7
C.V. (%)	4.9

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. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MD1
007	9
AUTHORITY	9
BARRACUDA (MVS-AP-101)	9
BENCHMARK DSR	9
CRYSTAL BLUELINKS	9
CY-2	9
DECLARATION	9
L-93	9
LUMINARY (A08-TDN2)	9
MEMORIAL	9
PENNCROSS	9
PIN-UP (HTM)	9
PRINCEVILLE	9
PROCLAMATION (LTP-FEC)	9
PURE SELECT (PST-OJD)	9
SRP-1WM	9
T-1	9
LSD VALUE	0
C.V. (%)	0

TABLE 20C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	MD1
BCD	7.3
GREENTIME	7.0
A08-EBM	6.3
A08-FT12	6.3
TIGER II	5.3
PST-R9D7	3.3
LSD VALUE	1.3
C.V. (%)	13.2

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 21A. ANTHRACNOSE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/

NAME	RI1
A08-EBM	6.0
LUMINARY (A08-TDN2)	5.7
CRYSTAL BLUELINKS	5.3
SRP-1WM	5.3
PST-R9D7	5.0
A08-FT12	4.0
MEMORIAL	4.0
CY-2	3.7
DECLARATION	3.7
BARRACUDA (MVS-AP-101)	3.3
007	3.0
PRINCEVILLE	3.0
PROCLAMATION (LTP-FEC)	3.0
AUTHORITY	2.7
BENCHMARK DSR	2.7
PENNCROSS	2.7
PIN-UP (HTM)	2.7
TIGER II	2.7
T-1	2.3
PURE SELECT (PST-OJD)	1.7
L-93	1.3
BCD	1.0
GREENTIME	1.0
LSD VALUE	2.5
C.V. (%)	46.4

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 21B. ANTHRACNOSE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/

NAME	RI1
LUMINARY (A08-TDN2)	5.7
CRYSTAL BLUELINKS	5.3
SRP-1WM	5.3
MEMORIAL	4.0
CY-2	3.7
DECLARATION	3.7
BARRACUDA (MVS-AP-101)	3.3
007	3.0
PRINCEVILLE	3.0
PROCLAMATION (LTP-FEC)	3.0
AUTHORITY	2.7
BENCHMARK DSR	2.7
PENNCROSS	2.7
PIN-UP (HTM)	2.7
T-1	2.3
PURE SELECT (PST-OJD)	1.7
L-93	1.3
LSD VALUE	2.6
C.V. (%)	49.0

TABLE 21C. ANTHRACNOSE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/

NAME	RI1
A08-EBM	6.0
PST-R9D7	5.0
A08-FT12	4.0
TIGER II	2.7
BCD	1.0
GREENTIME	1.0
LSD VALUE	2.0
C.V. (%)	38.1

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. WHITE GRUB DAMAGE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	RI1
DECLARATION	8.7
MEMORIAL	7.3
BARRACUDA (MVS-AP-101)	7.0
PIN-UP (HTM)	6.7
GREENTIME	6.3
A08-FT12	6.0
SRP-1WM	6.0
PENNCROSS	5.7
TIGER II	5.7
BCD	5.3
CY-2	4.7
PST-R9D7	4.7
T-1	4.7
LUMINARY (A08-TDN2)	4.3
PURE SELECT (PST-OJD)	4.3
PRINCEVILLE	3.7
A08-EBM	3.0
BENCHMARK DSR	3.0
CRYSTAL BLUELINKS	3.0
L-93	3.0
007	2.7
AUTHORITY	2.7
PROCLAMATION (LTP-FEC)	2.7
LSD VALUE	3.4
C.V. (%)	43.7

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. WHITE GRUB DAMAGE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	RI1
DECLARATION	8.7
MEMORIAL	7.3
BARRACUDA (MVS-AP-101)	7.0
PIN-UP (HTM)	6.7
SRP-1WM	6.0
PENNGROSS	5.7
CY-2	4.7
T-1	4.7
LUMINARY (A08-TDN2)	4.3
PURE SELECT (PST-OJD)	4.3
PRINCEVILLE	3.7
BENCHMARK DSR	3.0
CRYSTAL BLUELINKS	3.0
L-93	3.0
007	2.7
AUTHORITY	2.7
PROCLAMATION (LTP-FEC)	2.7
LSD VALUE	3.8
C.V. (%)	49.7

TABLE 22C. WHITE GRUB DAMAGE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	RI1
GREENTIME	6.3
A08-FT12	6.0
TIGER II	5.7
BCD	5.3
PST-R9D7	4.7
A08-EBM	3.0
LSD VALUE	2.0
C.V. (%)	24.1

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 23A. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2013 DATA

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

NAME	IL1
T-1	7.3
A08-EBM	7.0
A08-FT12	7.0
BCD	7.0
GREENTIME	7.0
PST-R9D7	7.0
TIGER II	7.0
AUTHORITY	6.7
BENCHMARK DSR	6.7
CRYSTAL BLUELINKS	6.7
L-93	6.7
SRP-1WM	6.7
007	6.3
PROCLAMATION (LTP-FEC)	6.3
BARRACUDA (MVS-AP-101)	6.0
CY-2	6.0
DECLARATION	6.0
LUMINARY (A08-TDN2)	6.0
MEMORIAL	6.0
PURE SELECT (PST-OJD)	6.0
PIN-UP (HTM)	5.7
PRINCEVILLE	5.7
PENNCROSS	5.3
LSD VALUE	0.6
C.V. (%)	6.2

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. FALL COLOR (OCTOBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1
T-1	7.3
AUTHORITY	6.7
BENCHMARK DSR	6.7
CRYSTAL BLUELINKS	6.7
L-93	6.7
SRP-1WM	6.7
007	6.3
PROCLAMATION (LTP-FEC)	6.3
BARRACUDA (MVS-AP-101)	6.0
CY-2	6.0
DECLARATION	6.0
LUMINARY (A08-TDN2)	6.0
MEMORIAL	6.0
PURE SELECT (PST-OJD)	6.0
PIN-UP (HTM)	5.7
PRINCEVILLE	5.7
PENNCROSS	5.3
LSD VALUE	0.7
C.V. (%)	7.4

TABLE 23C. FALL COLOR (OCTOBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	IL1
A08-EBM	7
A08-FT12	7
BCD	7
GREENTIME	7
PST-R9D7	7
TIGER II	7
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 24A. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
CRYSTAL BLUELINKS	6.7
GREENTIME	6.7
T-1	6.7
A08-FT12	6.3
MEMORIAL	6.3
TIGER II	6.3
BCD	6.0
CY-2	6.0
L-93	6.0
PENNCROSS	6.0
AUTHORITY	5.7
BENCHMARK DSR	5.7
PST-R9D7	5.7
007	5.3
A08-EBM	5.3
DECLARATION	5.3
LUMINARY (A08-TDN2)	5.3
PRINCEVILLE	5.3
SRP-1WM	5.3
BARRACUDA (MVS-AP-101)	5.0
PIN-UP (HTM)	5.0
PROCLAMATION (LTP-FEC)	5.0
PURE SELECT (PST-OJD)	5.0
LSD VALUE	0.9
C.V. (%)	9.6

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

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

TABLE 24B. FALL COLOR (DECEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
CRYSTAL BLUELINKS	6.7
T-1	6.7
MEMORIAL	6.3
CY-2	6.0
L-93	6.0
PENNGROSS	6.0
AUTHORITY	5.7
BENCHMARK DSR	5.7
007	5.3
DECLARATION	5.3
LUMINARY (A08-TDN2)	5.3
PRINCEVILLE	5.3
SRP-1WM	5.3
BARRACUDA (MVS-AP-101)	5.0
PIN-UP (HTM)	5.0
PROCLAMATION (LTP-FEC)	5.0
PURE SELECT (PST-OJD)	5.0
LSD VALUE	0.9
C.V. (%)	10.0

TABLE 24C. FALL COLOR (DECEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	WA3
GREENTIME	6.7
A08-FT12	6.3
TIGER II	6.3
BCD	6.0
PST-R9D7	5.7
A08-EBM	5.3
LSD VALUE	0.8
C.V. (%)	8.7

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

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

TABLE 25A. WINTER CHILLING INJURY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WINTER CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	RI1
DECLARATION	6.3
LUMINARY (A08-TDN2)	5.7
TIGER II	5.7
L-93	5.0
PROCLAMATION (LTP-FEC)	4.7
BENCHMARK DSR	4.3
CRYSTAL BLUELINKS	4.3
MEMORIAL	4.3
PRINCEVILLE	4.3
PST-R9D7	4.3
AUTHORITY	4.0
CY-2	4.0
GREENTIME	4.0
T-1	4.0
BARRACUDA (MVS-AP-101)	3.3
PURE SELECT (PST-OJD)	3.0
SRP-1WM	3.0
A08-EBM	2.7
A08-FT12	2.7
PENNCROSS	2.7
BCD	2.3
PIN-UP (HTM)	2.3
007	2.0
LSD VALUE	2.3
C.V. (%)	37.7

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 25B. WINTER CHILLING INJURY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WINTER CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	RI1
DECLARATION	6.3
LUMINARY (A08-TDN2)	5.7
L-93	5.0
PROCLAMATION (LTP-FEC)	4.7
BENCHMARK DSR	4.3
CRYSTAL BLUELINKS	4.3
MEMORIAL	4.3
PRINCEVILLE	4.3
AUTHORITY	4.0
CY-2	4.0
T-1	4.0
BARRACUDA (MVS-AP-101)	3.3
PURE SELECT (PST-OJD)	3.0
SRP-1WM	3.0
PENNCROSS	2.7
PIN-UP (HTM)	2.3
007	2.0
LSD VALUE	2.5
C.V. (%)	38.9

TABLE 25C. WINTER CHILLING INJURY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

WINTER CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	RI1
TIGER II	5.7
PST-R9D7	4.3
GREENTIME	4.0
A08-EBM	2.7
A08-FT12	2.7
BCD	2.3
LSD VALUE	1.9
C.V. (%)	33.3

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 26A. COPPER SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1
A08-EBM	9.0
A08-FT12	9.0
BCD	9.0
GREENTIME	9.0
PST-R9D7	9.0
TIGER II	9.0
CY-2	8.3
T-1	8.3
L-93	7.7
PRINCEVILLE	7.7
AUTHORITY	6.3
PENNCROSS	6.3
BENCHMARK DSR	6.0
MEMORIAL	6.0
007	5.7
CRYSTAL BLUELINKS	5.7
PROCLAMATION (LTP-FEC)	5.7
SRP-1WM	5.7
PIN-UP (HTM)	5.0
DECLARATION	4.7
BARRACUDA (MVS-AP-101)	4.3
PURE SELECT (PST-OJD)	4.3
LUMINARY (A08-TDN2)	3.7
LSD VALUE	1.8
C.V. (%)	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 26B. COPPER SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1
CY-2	8.3
T-1	8.3
L-93	7.7
PRINCEVILLE	7.7
AUTHORITY	6.3
PENNGROSS	6.3
BENCHMARK DSR	6.0
MEMORIAL	6.0
007	5.7
CRYSTAL BLUELINKS	5.7
PROCLAMATION (LTP-FEC)	5.7
SRP-1WM	5.7
PIN-UP (HTM)	5.0
DECLARATION	4.7
BARRACUDA (MVS-AP-101)	4.3
PURE SELECT (PST-OJD)	4.3
LUMINARY (A08-TDN2)	3.7
LSD VALUE	2.1
C.V. (%)	22.2

TABLE 26C. COPPER SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	NJ1
A08-EBM	9
A08-FT12	9
BCD	9
GREENTIME	9
PST-R9D7	9
TIGER II	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. SCALPING (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	PA1
A08-EBM	9.0
A08-FT12	9.0
AUTHORITY	9.0
BCD	9.0
GREENTIME	9.0
MEMORIAL	9.0
PRINCEVILLE	9.0
PST-R9D7	9.0
TIGER II	9.0
CRYSTAL BLUELINKS	8.3
LUMINARY (A08-TDN2)	8.0
PENNCROSS	8.0
T-1	8.0
PURE SELECT (PST-OJD)	7.7
L-93	7.3
SRP-1WM	7.3
CY-2	7.0
007	6.7
PIN-UP (HTM)	6.3
BARRACUDA (MVS-AP-101)	6.0
BENCHMARK DSR	6.0
PROCLAMATION (LTP-FEC)	5.7
DECLARATION	4.0
LSD VALUE	2.3
C.V. (%)	18.6

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

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

TABLE 27B. SCALPING (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	PA1
AUTHORITY	9.0
MEMORIAL	9.0
PRINCEVILLE	9.0
CRYSTAL BLUELINKS	8.3
LUMINARY (A08-TDN2)	8.0
PENNCROSS	8.0
T-1	8.0
PURE SELECT (PST-OJD)	7.7
L-93	7.3
SRP-1WM	7.3
CY-2	7.0
007	6.7
PIN-UP (HTM)	6.3
BARRACUDA (MVS-AP-101)	6.0
BENCHMARK DSR	6.0
PROCLAMATION (LTP-FEC)	5.7
DECLARATION	4.0
LSD VALUE	2.7
C.V. (%)	23.0

TABLE 27C. SCALPING (SEPTEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	PA1
A08-EBM	9
A08-FT12	9
BCD	9
GREENTIME	9
PST-R9D7	9
TIGER II	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 28A. TURF UNIFORMITY RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2013 DATA

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

NAME	RI1
A08-EBM	7.7
DECLARATION	7.0
BARRACUDA (MVS-AP-101)	6.7
CY-2	6.7
GREENTIME	6.7
SRP-1WM	6.7
A08-FT12	6.3
TIGER II	6.0
007	5.7
CRYSTAL BLUELINKS	5.7
L-93	5.7
LUMINARY (A08-TDN2)	5.7
MEMORIAL	5.7
PIN-UP (HTM)	5.7
PROCLAMATION (LTP-FEC)	5.7
T-1	5.7
BENCHMARK DSR	5.3
BCD	5.0
PST-R9D7	4.7
AUTHORITY	4.3
PURE SELECT (PST-OJD)	4.3
PENNCROSS	4.0
PRINCEVILLE	3.3
LSD VALUE	1.7
C.V. (%)	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 28B. TURF UNIFORMITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	RI1
DECLARATION	7.0
BARRACUDA (MVS-AP-101)	6.7
CY-2	6.7
SRP-1WM	6.7
007	5.7
CRYSTAL BLUELINKS	5.7
L-93	5.7
LUMINARY (A08-TDN2)	5.7
MEMORIAL	5.7
PIN-UP (HTM)	5.7
PROCLAMATION (LTP-FEC)	5.7
T-1	5.7
BENCHMARK DSR	5.3
AUTHORITY	4.3
PURE SELECT (PST-OJD)	4.3
PENNCROSS	4.0
PRINCEVILLE	3.3
LSD VALUE	1.9
C.V. (%)	21.1

TABLE 28C. TURF UNIFORMITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

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

NAME	RI1
A08-EBM	7.7
GREENTIME	6.7
A08-FT12	6.3
TIGER II	6.0
BCD	5.0
PST-R9D7	4.7
LSD VALUE	1.2
C.V. (%)	12.3

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

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

TABLE 29A. SPRING COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	WA3
PST-R9D7	6.7
TIGER II	6.7
BENCHMARK DSR	6.3
CRYSTAL BLUELINKS	6.3
GREENTIME	6.3
MEMORIAL	6.3
PRINCEVILLE	6.3
T-1	6.3
007	6.0
AUTHORITY	6.0
L-93	6.0
PURE SELECT (PST-OJD)	6.0
A08-EBM	5.7
BCD	5.7
CY-2	5.7
DECLARATION	5.7
LUMINARY (A08-TDN2)	5.7
PENNCROSS	5.7
PIN-UP (HTM)	5.7
A08-FT12	5.3
PROCLAMATION (LTP-FEC)	5.3
SRP-1WM	5.3
BARRACUDA (MVS-AP-101)	5.0
LSD VALUE	1.1
C.V. (%)	11.2

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 29B. SPRING COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	WA3
BENCHMARK DSR	6.3
CRYSTAL BLUELINKS	6.3
MEMORIAL	6.3
PRINCEVILLE	6.3
T-1	6.3
007	6.0
AUTHORITY	6.0
L-93	6.0
PURE SELECT (PST-OJD)	6.0
CY-2	5.7
DECLARATION	5.7
LUMINARY (A08-TDN2)	5.7
PENNCROSS	5.7
PIN-UP (HTM)	5.7
PROCLAMATION (LTP-FEC)	5.3
SRP-1WM	5.3
BARRACUDA (MVS-AP-101)	5.0
LSD VALUE	1.1
C.V. (%)	11.7

TABLE 29C. SPRING COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	WA3
PST-R9D7	6.7
TIGER II	6.7
GREENTIME	6.3
A08-EBM	5.7
BCD	5.7
A08-FT12	5.3
LSD VALUE	0.9
C.V. (%)	9.5

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

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

TABLE 30A. HEAT STRESS RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/

NAME	RI1
A08-FT12	7.3
A08-EBM	6.3
BCD	5.7
TIGER II	5.7
GREENTIME	4.7
PST-R9D7	4.3
SRP-1WM	4.3
T-1	4.3
LUMINARY (A08-TDN2)	4.0
PIN-UP (HTM)	4.0
007	3.3
CRYSTAL BLUELINKS	3.3
BARRACUDA (MVS-AP-101)	3.0
AUTHORITY	2.7
CY-2	2.7
PRINCEVILLE	2.7
L-93	2.3
MEMORIAL	2.3
PURE SELECT (PST-OJD)	2.0
DECLARATION	1.7
PENNCROSS	1.3
PROCLAMATION (LTP-FEC)	1.3
BENCHMARK DSR	1.0
LSD VALUE	2.2
C.V. (%)	39.1

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 30B. HEAT STRESS RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/

NAME	RI1
SRP-1WM	4.3
T-1	4.3
LUMINARY (A08-TDN2)	4.0
PIN-UP (HTM)	4.0
007	3.3
CRYSTAL BLUELINKS	3.3
BARRACUDA (MVS-AP-101)	3.0
AUTHORITY	2.7
CY-2	2.7
PRINCEVILLE	2.7
L-93	2.3
MEMORIAL	2.3
PURE SELECT (PST-OJD)	2.0
DECLARATION	1.7
PENNCROSS	1.3
PROCLAMATION (LTP-FEC)	1.3
BENCHMARK DSR	1.0
LSD VALUE	2.2
C.V. (%)	50.3

TABLE 30C. HEAT STRESS RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2013 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/

NAME	RI1
A08-FT12	7.3
A08-EBM	6.3
BCD	5.7
TIGER II	5.7
GREENTIME	4.7
PST-R9D7	4.3
LSD VALUE	2.2
C.V. (%)	23.9

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 31A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2013 DATA

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

NAME	JUL	SEP	MEAN
DECLARATION	8.0	4.0	6.0
PST-R9D7	8.0	3.7	5.8
007	7.3	4.0	5.7
BARRACUDA (MVS-AP-101)	6.7	4.7	5.7
TIGER II	8.3	3.0	5.7
BENCHMARK DSR	6.7	4.3	5.5
GREENTIME	8.3	2.7	5.5
A08-EBM	8.0	2.7	5.3
A08-FT12	8.0	2.7	5.3
AUTHORITY	5.7	5.0	5.3
MEMORIAL	7.0	3.7	5.3
BCD	6.7	3.7	5.2
CY-2	5.3	5.0	5.2
PIN-UP (HTM)	6.7	3.7	5.2
SRP-1WM	6.7	3.7	5.2
CRYSTAL BLUELINKS	6.0	4.0	5.0
L-93	6.0	4.0	5.0
LUMINARY (A08-TDN2)	6.3	3.7	5.0
PRINCEVILLE	5.3	4.7	5.0
PROCLAMATION (LTP-FEC)	5.7	4.3	5.0
PENNCROSS	6.0	3.7	4.8
PURE SELECT (PST-OJD)	5.0	4.7	4.8
T-1	4.0	4.3	4.2
LSD VALUE	2.1	1.0	1.7
C.V. (%)	17.3	15.2	11.5

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

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

TABLE 31B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2013 DATA

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

NAME	JUL	SEP	MEAN
DECLARATION	8.0	4.0	6.0
007	7.3	4.0	5.7
BARRACUDA (MVS-AP-101)	6.7	4.7	5.7
BENCHMARK DSR	6.7	4.3	5.5
AUTHORITY	5.7	5.0	5.3
MEMORIAL	7.0	3.7	5.3
CY-2	5.3	5.0	5.2
PIN-UP (HTM)	6.7	3.7	5.2
SRP-1WM	6.7	3.7	5.2
CRYSTAL BLUELINKS	6.0	4.0	5.0
L-93	6.0	4.0	5.0
LUMINARY (A08-TDN2)	6.3	3.7	5.0
PRINCEVILLE	5.3	4.7	5.0
PROCLAMATION (LTP-FEC)	5.7	4.3	5.0
PENNCROSS	6.0	3.7	4.8
PURE SELECT (PST-OJD)	5.0	4.7	4.8
T-1	4.0	4.3	4.2
LSD VALUE	2.8	1.4	1.6
C.V. (%)	20.0	14.7	12.2

TABLE 31C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2013 DATA

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

NAME	JUL	SEP	MEAN
PST-R9D7	8.0	3.7	5.8
TIGER II	8.3	3.0	5.7
GREENTIME	8.3	2.7	5.5
A08-EBM	8.0	2.7	5.3
A08-FT12	8.0	2.7	5.3
BCD	6.7	3.7	5.2
LSD VALUE	0.8	1.1	0.9
C.V. (%)	5.5	17.6	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 32A. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2013 DATA

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

NAME	JAN	FEB	MEAN
PST-R9D7	7.0	5.7	6.3
TIGER II	6.7	6.0	6.3
A08-EBM	6.0	6.0	6.0
DECLARATION	6.0	5.0	5.5
GREENTIME	5.3	5.7	5.5
LUMINARY (A08-TDN2)	5.3	5.7	5.5
MEMORIAL	5.7	5.3	5.5
A08-FT12	5.3	5.3	5.3
AUTHORITY	5.7	5.0	5.3
BCD	5.7	5.0	5.3
SRP-1WM	6.3	4.3	5.3
CRYSTAL BLUELINKS	5.0	5.3	5.2
L-93	5.3	4.7	5.0
PURE SELECT (PST-OJD)	4.7	5.3	5.0
CY-2	5.3	4.3	4.8
PIN-UP (HTM)	5.0	4.7	4.8
PRINCEVILLE	5.0	4.7	4.8
PROCLAMATION (LTP-FEC)	5.3	4.3	4.8
T-1	4.7	5.0	4.8
BARRACUDA (MVS-AP-101)	4.7	4.7	4.7
PENNCROSS	4.3	4.7	4.5
007	4.3	4.3	4.3
BENCHMARK DSR	4.0	4.7	4.3
LSD VALUE	1.4	1.6	1.1
C.V. (%)	14.0	13.9	10.9

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

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

TABLE 32B. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2013 DATA

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

NAME	JAN	FEB	MEAN
DECLARATION	6.0	5.0	5.5
LUMINARY (A08-TDN2)	5.3	5.7	5.5
MEMORIAL	5.7	5.3	5.5
AUTHORITY	5.7	5.0	5.3
SRP-1WM	6.3	4.3	5.3
CRYSTAL BLUELINKS	5.0	5.3	5.2
L-93	5.3	4.7	5.0
PURE SELECT (PST-OJD)	4.7	5.3	5.0
CY-2	5.3	4.3	4.8
PIN-UP (HTM)	5.0	4.7	4.8
PRINCEVILLE	5.0	4.7	4.8
PROCLAMATION (LTP-FEC)	5.3	4.3	4.8
T-1	4.7	5.0	4.8
BARRACUDA (MVS-AP-101)	4.7	4.7	4.7
PENNCROSS	4.3	4.7	4.5
007	4.3	4.3	4.3
BENCHMARK DSR	4.0	4.7	4.3
LSD VALUE	1.9	2.3	1.6
C.V. (%)	16.2	15.7	12.1

TABLE 32C. MICRODOCHIUM PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2013 DATA

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

NAME	JAN	FEB	MEAN
PST-R9D7	7.0	5.7	6.3
TIGER II	6.7	6.0	6.3
A08-EBM	6.0	6.0	6.0
GREENTIME	5.3	5.7	5.5
A08-FT12	5.3	5.3	5.3
BCD	5.7	5.0	5.3
LSD VALUE	0.9	1.2	1.0
C.V. (%)	8.1	9.6	8.3

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.