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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 2012

<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 2013.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE A.

2012 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	151-240	2.1-3.0	DENSE SHADE	0.6-1.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.6-7.0	451+	241-375	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	5.6-6.0	151-270	151-240	2.1-3.0	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	-	-	-	-	FULL SUN	0.0-0.5	-
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

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2012

LOCATION	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	X		X		X
IL1			X	X	X	X	X	X	X			X	X	
IL2		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			X	
MD1			X	X		X	X		X					
MN1			X	X	X	X	X	X	X			X		
NJ1			X	X	X	X	X	X	X			X	X	X
PA1				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	X	X	X		
WA3	X		X	X	X	X	X	X	X	X	X	X	X	
WI1			X	X	X	X	X	X	X	X		X	X	

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DOLLAR SPOT	BROWN PATCH WARM TEMP.	PYTHIUM BLIGHT	SOD WEBWORM DAMAGE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	POA ANNUA
AR1													
IL1													
IL2				X	X							X	
KY1						X							
MA1													
MD1							X	X					
MN1													
NJ1			X							X			
PA1							X						
QE1	X	X	X										
RI1			X				X						
UT1				X									
VA5									X				
WA3	X	X									X	X	X
WI1													

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2012

LOCATION	CHILLING	DACONIL	HEAT	WEAR TOLERANCE		UNIFORMITY		MICRODOCHIUM PATCH	
	INJURY	RECOVERY	STRESS RATINGS	JUNE	SEPTEMBER	SPRING	FALL	NOVEMBER	DECEMBER
AR1									
IL1									
IL2									
KY1									
MA1				X	X				
MD1									
MN1									
NJ1		X							
PA1									
QE1									
RI1	X		X			X	X		
UT1									
VA5									
WA3						X		X	X
WI1									

Taken from the 2008 Bentgrass (Fairway) test - 12 data points with permission from NTEP
 TABLE 1A: MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
 A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
 2012 DATA

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

NAME	PA1	NJ1	IL1	MN1	MEAN
SRP-1WM	7.4	7.3	6.5	6.4	6.9
* PIN-UP (HTM)	7.1	7.3	6.2	6.3	6.7
* PURE SELECT (PST-OJD)	6.8	7.4	6.1	6.2	6.6
* LUMINARY (A08-TDN2)	6.7	7.0	6.1	6.4	6.5
* PROCLAMATION (LTP-FEC)	6.7	6.9	6.0	6.1	6.4
* AUTHORITY	6.8	6.6	6.1	6.2	6.4
* 007	6.8	6.4	6.2	6.3	6.4
* DECLARATION	6.7	6.5	6.0	6.1	6.3
* CY-2	6.5	6.2	5.9	6.1	6.2
* BARRACUDA (MVS-AP-101)	6.7	5.8	6.1	6.1	6.2
* T-1	6.4	5.7	5.9	6.1	6.0
* BENCHMARK DSR	6.6	5.8	5.8	5.8	6.0
* CRYSTAL BLUELINKS	6.3	5.7	5.8	6.1	6.0
* MEMORIAL	5.8	4.9	5.6	5.9	5.5
* L-93	5.8	4.3	5.5	5.9	5.4
A08-FT12	4.2	4.9	4.6	5.6	4.8
* GREENTIME	4.1	4.6	4.4	5.2	4.6
BCD	4.1	4.5	4.4	5.3	4.6
A08-EBM	3.9	4.3	4.4	5.4	4.5
* TIGER II	3.7	4.3	4.2	5.2	4.4
* PRINCEVILLE	4.1	2.8	4.3	5.0	4.1
* PENNCROSS	4.0	2.8	4.3	5.0	4.0
PST-R9D7	2.4	2.9	3.1	4.4	3.2
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	9.3	9.6	9.7	9.0	9.4

*/ COMMERCIALLY AVAILABLE IN THE USA IN 2013

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

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

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

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
 Taken from the 2008 Bentgrass (Fairway) test - 1/2 data report with permission from NTEP
 A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */

2012 DATA					
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	PA1	NJ1	IL1	MN1	MEAN
SRP-1WM	7.4	7.3	6.5	6.4	6.9
PIN-UP (HTM)	7.1	7.3	6.2	6.3	6.7
PURE SELECT (PST-OJD)	6.8	7.4	6.1	6.2	6.6
LUMINARY (A08-TDN2)	6.7	7.0	6.1	6.4	6.5
PROCLAMATION (LTP-FEC)	6.7	6.9	6.0	6.1	6.4
AUTHORITY	6.8	6.6	6.1	6.2	6.4
007	6.8	6.4	6.2	6.3	6.4
DECLARATION	6.7	6.5	6.0	6.1	6.3
CY-2	6.5	6.2	5.9	6.1	6.2
BARRACUDA (MVS-AP-101)	6.7	5.8	6.1	6.1	6.2
T-1	6.4	5.7	5.9	6.1	6.0
BENCHMARK DSR	6.6	5.8	5.8	5.8	6.0
CRYSTAL BLUELINKS	6.3	5.7	5.8	6.1	6.0
MEMORIAL	5.8	4.9	5.6	5.9	5.5
L-93	5.8	4.3	5.5	5.9	5.4
PRINCEVILLE	4.1	2.8	4.3	5.0	4.1
PENNCROSS	4.0	2.8	4.3	5.0	4.0
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.3	8.9	9.0	8.7	8.7

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 */

2012 DATA					
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	PA1	NJ1	IL1	MN1	MEAN
A08-FT12	4.2	4.9	4.6	5.6	4.8
GREENTIME	4.1	4.6	4.4	5.2	4.6
BCD	4.1	4.5	4.4	5.3	4.6
A08-EBM	3.9	4.3	4.4	5.4	4.5
TIGER II	3.7	4.3	4.2	5.2	4.4
PST-R9D7	2.4	2.9	3.1	4.4	3.2
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	14.1	12.2	12.5	10.1	12.1

*/ 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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2012 DATA

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

NAME	MA1	VA5	WA3	MEAN
LUMINARY (A08-TDN2)	6.3	6.9	5.0	6.1
007	6.2	6.8	4.9	6.0
AUTHORITY	6.2	6.8	4.9	5.9
CRYSTAL BLUELINKS	6.0	6.8	4.9	5.9
SRP-1WM	6.3	6.7	4.8	5.9
CY-2	6.1	6.7	4.9	5.9
PIN-UP (HTM)	6.2	6.6	4.8	5.9
T-1	6.0	6.7	4.9	5.9
BARRACUDA (MVS-AP-101)	6.0	6.7	4.8	5.9
MEMORIAL	5.8	6.7	4.9	5.8
L-93	5.8	6.8	4.9	5.8
PURE SELECT (PST-OJD)	6.2	6.5	4.7	5.8
PROCLAMATION (LTP-FEC)	6.1	6.6	4.7	5.8
DECLARATION	6.0	6.6	4.7	5.8
A08-FT12	5.6	6.6	4.8	5.7
A08-EBM	5.4	6.5	4.7	5.6
BENCHMARK DSR	5.7	6.4	4.5	5.5
TIGER II	5.2	6.3	4.5	5.3
BCD	5.3	6.2	4.5	5.3
GREENTIME	5.2	6.2	4.4	5.3
PENNCROSS	4.9	6.2	4.3	5.1
PRINCEVILLE	4.9	6.1	4.3	5.1
PST-R9D7	4.4	5.6	3.8	4.6
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	9.1	8.0	11.2	9.3

*/ 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/
Taken from the 2008 Bentgrass (Fairway) test - 1A data report with permission from NTEP

2012 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	VA5	WA3	MEAN
LUMINARY (A08-TDN2)	6.3	6.9	5.0	6.1
007	6.2	6.8	4.9	6.0
AUTHORITY	6.2	6.8	4.9	5.9
CRYSTAL BLUELINKS	6.0	6.8	4.9	5.9
SRP-1WM	6.3	6.7	4.8	5.9
CY-2	6.1	6.7	4.9	5.9
PIN-UP (HTM)	6.2	6.6	4.8	5.9
T-1	6.0	6.7	4.9	5.9
BARRACUDA (MVS-AP-101)	6.0	6.7	4.8	5.9
MEMORIAL	5.8	6.7	4.9	5.8
L-93	5.8	6.8	4.9	5.8
PURE SELECT (PST-OJD)	6.2	6.5	4.7	5.8
PROCLAMATION (LTP-FEC)	6.1	6.6	4.7	5.8
DECLARATION	6.0	6.6	4.7	5.8
BENCHMARK DSR	5.7	6.4	4.5	5.5
PENNCROSS	4.9	6.2	4.3	5.1
PRINCEVILLE	4.9	6.1	4.3	5.1
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	8.8	7.9	11.0	9.1

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 */

2012 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	VA5	WA3	MEAN
A08-FT12	5.6	6.6	4.8	5.7
A08-EBM	5.4	6.5	4.7	5.6
TIGER II	5.2	6.3	4.5	5.3
BCD	5.3	6.2	4.5	5.3
GREENTIME	5.2	6.2	4.4	5.3
PST-R9D7	4.4	5.6	3.8	4.6
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	10.0	8.4	11.7	9.9

- */ 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.

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

NAME	MD1	WI1	MEAN
BARRACUDA (MVS-AP-101)	7.6	6.1	6.9
SRP-1WM	7.5	6.1	6.8
007	7.5	6.0	6.7
L-93	7.5	6.0	6.7
T-1	7.4	6.0	6.7
AUTHORITY	7.3	6.0	6.7
CRYSTAL BLUELINKS	7.3	5.9	6.6
MEMORIAL	7.3	5.9	6.6
CY-2	7.2	5.9	6.6
DECLARATION	7.3	5.9	6.6
PIN-UP (HTM)	7.2	5.9	6.5
LUMINARY (A08-TDN2)	7.1	5.9	6.5
BENCHMARK DSR	7.3	5.7	6.5
PROCLAMATION (LTP-FEC)	7.0	5.7	6.4
PURE SELECT (PST-OJD)	6.8	5.7	6.3
PRINCEVILLE	6.3	5.1	5.7
PENNCROSS	6.3	5.1	5.7
A08-FT12	5.6	5.1	5.3
A08-EBM	5.6	5.0	5.3
BCD	5.5	4.8	5.2
GREENTIME	5.5	4.8	5.1
TIGER II	5.3	4.7	5.0
PST-R9D7	4.3	3.9	4.1
LSD VALUE	0.8	0.8	0.8
C.V. (%)	7.8	9.4	8.6

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

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

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

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

2012 DATA

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

NAME	MD1	WI1	MEAN
BARRACUDA (MVS-AP-101)	7.6	6.1	6.9
SRP-1WM	7.5	6.1	6.8
007	7.5	6.0	6.7
L-93	7.5	6.0	6.7
T-1	7.4	6.0	6.7
AUTHORITY	7.3	6.0	6.7
CRYSTAL BLUELINKS	7.3	5.9	6.6
MEMORIAL	7.3	5.9	6.6
CY-2	7.2	5.9	6.6
DECLARATION	7.3	5.9	6.6
PIN-UP (HTM)	7.2	5.9	6.5
LUMINARY (A08-TDN2)	7.1	5.9	6.5
BENCHMARK DSR	7.3	5.7	6.5
PROCLAMATION (LTP-FEC)	7.0	5.7	6.4
PURE SELECT (PST-OJD)	6.8	5.7	6.3
PRINCEVILLE	6.3	5.1	5.7
PENNCROSS	6.3	5.1	5.7
LSD VALUE	0.8	0.8	0.8
C.V. (%)	7.3	9.0	8.0

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 */

2012 DATA

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

NAME	MD1	WI1	MEAN
A08-FT12	5.6	5.1	5.3
A08-EBM	5.6	5.0	5.3
BCD	5.5	4.8	5.2
GREENTIME	5.5	4.8	5.1
TIGER II	5.3	4.7	5.0
PST-R9D7	4.3	3.9	4.1
LSD VALUE	0.8	0.8	0.8
C.V. (%)	9.9	11.0	10.4

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

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

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

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

NAME	KY1	AR1	MEAN
L-93	7.3	7.5	7.4
MEMORIAL	7.3	7.2	7.2
A08-EBM	6.9	7.4	7.2
A08-FT12	7.0	7.3	7.1
CRYSTAL BLUELINKS	7.2	6.9	7.1
PENNCROSS	6.8	7.4	7.1
PRINCEVILLE	6.7	7.3	7.0
T-1	7.2	6.8	7.0
BARRACUDA (MVS-AP-101)	7.2	6.7	6.9
CY-2	7.1	6.7	6.9
LUMINARY (A08-TDN2)	7.2	6.6	6.9
007	7.2	6.6	6.9
TIGER II	6.7	7.1	6.9
AUTHORITY	7.1	6.5	6.8
BCD	6.7	6.9	6.8
GREENTIME	6.6	6.8	6.7
DECLARATION	7.0	6.3	6.7
SRP-1WM	7.0	6.0	6.5
PROCLAMATION (LTP-FEC)	6.9	6.1	6.5
PIN-UP (HTM)	6.9	6.0	6.5
BENCHMARK DSR	6.8	6.2	6.5
PST-R9D7	6.0	6.8	6.4
PURE SELECT (PST-OJD)	6.8	5.9	6.4
LSD VALUE	0.8	0.8	0.8
C.V. (%)	7.5	7.8	7.6

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

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

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

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
Taken from the 2008 Bentgrass (Fairway) test data report with permission from NTEP

2012 DATA			
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	KY1	AR1	MEAN
L-93	7.3	7.5	7.4
MEMORIAL	7.3	7.2	7.2
CRYSTAL BLUELINKS	7.2	6.9	7.1
PENNCROSS	6.8	7.4	7.1
PRINCEVILLE	6.7	7.3	7.0
T-1	7.2	6.8	7.0
BARRACUDA (MVS-AP-101)	7.2	6.7	6.9
CY-2	7.1	6.7	6.9
LUMINARY (A08-TDN2)	7.2	6.6	6.9
007	7.2	6.6	6.9
AUTHORITY	7.1	6.5	6.8
DECLARATION	7.0	6.3	6.7
SRP-1WM	7.0	6.0	6.5
PROCLAMATION (LTP-FEC)	6.9	6.1	6.5
PIN-UP (HTM)	6.9	6.0	6.5
BENCHMARK DSR	6.8	6.2	6.5
PURE SELECT (PST-OJD)	6.8	5.9	6.4
LSD VALUE	0.8	0.8	0.8
C.V. (%)	7.4	7.9	7.6

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 */

2012 DATA			
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	KY1	AR1	MEAN
A08-EBM	6.9	7.4	7.2
A08-FT12	7.0	7.3	7.1
TIGER II	6.7	7.1	6.9
BCD	6.7	6.9	6.8
GREENTIME	6.6	6.8	6.7
PST-R9D7	6.0	6.8	6.4
LSD VALUE	0.8	0.8	0.8
C.V. (%)	7.9	7.4	7.6

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

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

NAME	RI1	QE1	MEAN
A08-FT12	7.0	5.8	6.4
A08-EBM	6.7	5.6	6.2
TIGER II	6.6	5.5	6.0
BCD	6.4	5.2	5.8
LUMINARY (A08-TDN2)	6.5	5.0	5.8
GREENTIME	6.3	5.1	5.7
PST-R9D7	6.0	5.0	5.5
PURE SELECT (PST-OJD)	6.3	4.6	5.4
CRYSTAL BLUELINKS	5.9	4.8	5.4
CY-2	6.0	4.7	5.3
PROCLAMATION (LTP-FEC)	6.1	4.6	5.3
PIN-UP (HTM)	6.1	4.6	5.3
AUTHORITY	6.0	4.7	5.3
007	5.9	4.6	5.2
MEMORIAL	5.7	4.7	5.2
T-1	5.7	4.6	5.1
DECLARATION	5.8	4.4	5.1
SRP-1WM	5.8	4.3	5.1
L-93	5.4	4.7	5.0
BARRACUDA (MVS-AP-101)	5.5	4.4	4.9
PENNCROSS	5.1	4.5	4.8
PRINCEVILLE	5.1	4.5	4.8
BENCHMARK DSR	5.2	4.0	4.6
LSD VALUE	0.8	0.8	0.8
C.V. (%)	8.8	10.9	9.7

*/ 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 5B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
Taken from the 2008 Bentgrass (Fairway) test- 1-2 data report with permission from NTEP

2012 DATA			
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	RI1	QE1	MEAN
LUMINARY (A08-TDN2)	6.5	5.0	5.8
PURE SELECT (PST-0JD)	6.3	4.6	5.4
CRYSTAL BLUELINKS	5.9	4.8	5.4
CY-2	6.0	4.7	5.3
PROCLAMATION (LTP-FEC)	6.1	4.6	5.3
PIN-UP (HTM)	6.1	4.6	5.3
AUTHORITY	6.0	4.7	5.3
007	5.9	4.6	5.2
MEMORIAL	5.7	4.7	5.2
T-1	5.7	4.6	5.1
DECLARATION	5.8	4.4	5.1
SRP-1WM	5.8	4.3	5.1
L-93	5.4	4.7	5.0
BARRACUDA (MVS-AP-101)	5.5	4.4	4.9
PENNCROSS	5.1	4.5	4.8
PRINCEVILLE	5.1	4.5	4.8
BENCHMARK DSR	5.2	4.0	4.6
LSD VALUE	0.8	0.8	0.8
C.V. (%)	9.1	11.4	10.1

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 5 */

2012 DATA			
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/			
NAME	RI1	QE1	MEAN
A08-FT12	7.0	5.8	6.4
A08-EBM	6.7	5.6	6.2
TIGER II	6.6	5.5	6.0
BCD	6.4	5.2	5.8
GREENTIME	6.3	5.1	5.7
PST-R9D7	6.0	5.0	5.5
LSD VALUE	0.8	0.8	0.8
C.V. (%)	8.1	9.7	8.8

*/ 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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 6A.

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

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

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS									
			MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DECLARATION	72.3	63.0	6.3	6.7	6.7	7.0	7.3	7.7	7.7	8.0	8.3	7.3
MEMORIAL	57.7	65.3	4.7	5.3	5.7	6.0	5.7	7.0	7.3	6.7	7.3	6.2
A08-EBM	54.3	54.7	5.0	6.0	5.7	5.7	6.3	6.0	6.3	5.7	6.0	5.9
BCD	51.3	46.3	5.7	6.3	5.3	5.7	5.7	5.7	6.0	6.3	6.7	5.9
PURE SELECT (PST-OJD)	52.0	43.3	5.3	6.0	5.7	5.3	5.7	6.3	6.0	5.7	6.7	5.9
AUTHORITY	46.7	49.7	4.7	4.7	4.7	5.0	5.0	5.7	6.0	7.0	7.3	5.6
CRYSTAL BLUELINKS	36.3	56.7	4.0	5.0	4.7	4.7	5.7	5.7	6.0	6.7	7.0	5.5
TIGER II	47.0	53.3	4.7	6.0	5.7	5.3	4.7	5.3	5.7	6.0	6.3	5.5
PENNCROSS	51.7	61.7	4.0	5.0	4.7	5.0	5.3	6.0	6.0	6.3	6.0	5.4
A08-FT12	32.3	44.0	4.3	5.3	5.0	4.7	4.7	5.0	5.7	5.3	5.3	5.0
PST-R9D7	29.3	39.3	4.7	5.0	4.7	4.7	5.0	5.3	5.3	5.3	5.3	5.0
BARRACUDA (MVS-AP-101)	28.7	52.3	3.7	4.3	4.3	4.7	4.7	5.0	5.7	5.3	6.0	4.9
L-93	39.7	46.0	3.3	4.3	4.3	4.0	5.0	5.0	5.3	5.7	5.7	4.7
CY-2	35.0	32.0	3.7	5.0	4.7	4.3	4.0	5.0	4.7	5.0	5.0	4.6
PRINCEVILLE	37.7	38.7	3.0	4.0	4.0	4.3	4.3	5.0	5.3	5.7	6.0	4.6
PROCLAMATION (LTP-FEC)	37.3	48.3	4.0	4.3	4.3	4.0	4.3	4.7	5.0	4.7	5.7	4.6
T-1	31.0	38.3	3.3	4.3	4.3	4.3	5.0	5.0	4.7	5.7	5.0	4.6
007	37.3	44.7	3.7	4.3	4.0	4.0	4.3	5.0	5.0	5.0	5.3	4.5
PIN-UP (HTM)	26.0	32.0	3.3	4.0	4.0	3.7	3.7	4.0	4.0	5.0	5.0	4.1
LUMINARY (A08-TDN2)	20.0	28.0	4.0	3.7	3.7	4.0	3.7	4.0	4.7	4.3	4.3	4.0
BENCHMARK DSR	27.0	24.7	3.0	3.7	3.3	3.3	3.3	4.3	4.7	4.7	5.0	3.9
GREENTIME	13.7	19.0	3.7	4.3	3.7	3.7	2.7	3.7	4.3	3.7	4.0	3.7
SRP-1WM	6.3	3.3	2.7	3.0	2.7	2.0	2.3	2.3	2.0	2.7	2.3	2.4
LSD VALUE	55.6	36.9	1.4	1.9	2.4	2.4	2.6	2.6	2.3	3.0	2.9	2.1
C.V. (%)	57.4	41.2	19.9	20.7	24.1	25.9	27.3	24.8	22.7	25.3	25.3	21.9

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 6B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2012 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DECLARATION	72.3	63.0	6.3	6.7	6.7	7.0	7.3	7.7	7.7	8.0	8.3	7.3
MEMORIAL	57.7	65.3	4.7	5.3	5.7	6.0	5.7	7.0	7.3	6.7	7.3	6.2
PURE SELECT (PST-OJD)	52.0	43.3	5.3	6.0	5.7	5.3	5.7	6.3	6.0	5.7	6.7	5.9
AUTHORITY	46.7	49.7	4.7	4.7	4.7	5.0	5.0	5.7	6.0	7.0	7.3	5.6
CRYSTAL BLUELINKS	36.3	56.7	4.0	5.0	4.7	4.7	5.7	5.7	6.0	6.7	7.0	5.5
PENNCROSS	51.7	61.7	4.0	5.0	4.7	5.0	5.3	6.0	6.0	6.3	6.0	5.4
BARRACUDA (MVS-AP-101)	28.7	52.3	3.7	4.3	4.3	4.7	4.7	5.0	5.7	5.3	6.0	4.9
L-93	39.7	46.0	3.3	4.3	4.3	4.0	5.0	5.0	5.3	5.7	5.7	4.7
CY-2	35.0	32.0	3.7	5.0	4.7	4.3	4.0	5.0	4.7	5.0	5.0	4.6
PRINCEVILLE	37.7	38.7	3.0	4.0	4.0	4.3	4.3	5.0	5.3	5.7	6.0	4.6
PROCLAMATION (LTP-FEC)	37.3	48.3	4.0	4.3	4.3	4.0	4.3	4.7	5.0	4.7	5.7	4.6
T-1	31.0	38.3	3.3	4.3	4.3	4.3	5.0	5.0	4.7	5.7	5.0	4.6
007	37.3	44.7	3.7	4.3	4.0	4.0	4.3	5.0	5.0	5.0	5.3	4.5
PIN-UP (HTM)	26.0	32.0	3.3	4.0	4.0	3.7	3.7	4.0	4.0	5.0	5.0	4.1
LUMINARY (A08-TDN2)	20.0	28.0	4.0	3.7	3.7	4.0	3.7	4.0	4.7	4.3	4.3	4.0
BENCHMARK DSR	27.0	24.7	3.0	3.7	3.3	3.3	3.3	4.3	4.7	4.7	5.0	3.9
SRP-1WM	6.3	3.3	2.7	3.0	2.7	2.0	2.3	2.3	2.0	2.7	2.3	2.4
LSD VALUE	53.6	38.2	1.7	2.3	2.7	2.5	2.7	2.6	2.2	3.1	2.9	2.2
C.V. (%)	57.6	42.9	23.3	23.5	26.6	27.9	28.3	25.7	23.0	26.4	25.4	23.5

TABLE 6C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/
2012 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
A08-EBM	54.3	54.7	5.0	6.0	5.7	5.7	6.3	6.0	6.3	5.7	6.0	5.9
BCD	51.3	46.3	5.7	6.3	5.3	5.7	5.7	5.7	6.0	6.3	6.7	5.9
TIGER II	47.0	53.3	4.7	6.0	5.7	5.3	4.7	5.3	5.7	6.0	6.3	5.5
A08-FT12	32.3	44.0	4.3	5.3	5.0	4.7	4.7	5.0	5.7	5.3	5.3	5.0
PST-R9D7	29.3	39.3	4.7	5.0	4.7	4.7	5.0	5.3	5.3	5.3	5.3	5.0
GREENTIME	13.7	19.0	3.7	4.3	3.7	3.7	2.7	3.7	4.3	3.7	4.0	3.7
LSD VALUE	45.0	22.4	0.9	1.6	1.4	2.0	1.8	1.6	1.9	1.1	1.8	1.3
C.V. (%)	53.6	26.4	10.4	13.7	14.1	18.7	19.6	15.4	15.6	11.1	15.8	12.7

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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2012 DATA

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

NAME	SPRING GREENUP	PERCENT COVER FALL	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
CRYSTAL BLUELINKS	7.0	90.0	7.7	6.7	8.0	6.7	6.7	8.3	7.0	7.3
AUTHORITY	4.0	89.7	7.7	7.3	7.3	5.7	6.7	8.3	6.0	7.0
007	4.3	86.7	6.7	5.7	6.7	6.0	6.7	8.0	6.3	6.6
LUMINARY (A08-TDN2)	5.0	80.0	7.0	8.3	7.0	4.7	5.3	7.0	6.3	6.5
BENCHMARK DSR	4.7	86.7	7.3	8.0	7.7	5.7	5.3	6.0	4.3	6.3
DECLARATION	5.3	80.0	6.0	6.3	6.3	5.3	5.0	8.0	7.3	6.3
SRP-1WM	5.0	93.0	7.0	6.3	6.3	5.3	6.7	7.7	5.0	6.3
CY-2	5.3	96.0	7.0	6.3	6.7	4.7	6.0	6.7	6.3	6.2
PIN-UP (HTM)	4.3	83.3	5.7	6.7	6.7	6.7	4.7	7.0	6.3	6.2
L-93	2.7	93.0	6.0	6.7	6.3	5.0	6.0	6.7	6.0	6.1
PROCLAMATION (LTP-FEC)	4.0	73.3	6.0	7.3	7.3	5.0	4.3	6.7	6.0	6.1
T-1	4.7	83.3	5.3	8.0	7.7	7.0	5.0	5.7	4.0	6.1
PENNCROSS	3.3	96.0	6.3	6.0	5.3	4.3	6.3	7.3	5.3	5.9
MEMORIAL	4.0	92.7	6.3	5.3	6.0	5.3	6.7	6.7	4.3	5.8
BARRACUDA (MVS-AP-101)	4.7	80.0	6.0	6.7	7.3	6.0	5.3	4.3	4.0	5.7
PURE SELECT (PST-OJD)	2.0	80.0	6.3	7.0	5.7	4.3	3.7	6.7	5.7	5.6
A08-EBM	4.0	89.7	5.3	6.0	5.0	5.0	5.7	5.3	5.0	5.3
PRINCEVILLE	4.3	92.7	6.7	4.3	4.0	3.3	5.0	5.3	5.3	4.9
BCD	4.7	86.3	5.7	4.0	3.3	3.0	1.7	5.7	4.0	3.9
TIGER II	3.3	93.0	4.0	4.0	2.7	2.7	2.3	4.3	4.0	3.4
A08-FT12	4.3	92.7	5.7	4.7	2.7	2.3	2.3	2.3	2.7	3.2
GREENTIME	4.0	90.0	4.0	3.3	2.3	1.7	2.0	4.7	3.3	3.0
PST-R9D7	3.3	93.0	4.0	3.3	2.7	2.3	2.0	2.7	2.7	2.8
LSD VALUE	1.6	21.3	2.1	2.0	1.5	1.9	1.8	2.7	2.1	1.1
C.V. (%)	21.8	9.8	18.1	19.5	17.1	24.4	23.0	24.6	23.6	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 7B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with omission from NTEP
 GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
 2012 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
						JUL	AUG	SEP	OCT	
CRYSTAL BLUELINKS	7.0	90.0	7.7	6.7	8.0	6.7	6.7	8.3	7.0	7.3
AUTHORITY	4.0	89.7	7.7	7.3	7.3	5.7	6.7	8.3	6.0	7.0
007	4.3	86.7	6.7	5.7	6.7	6.0	6.7	8.0	6.3	6.6
LUMINARY (A08-TDN2)	5.0	80.0	7.0	8.3	7.0	4.7	5.3	7.0	6.3	6.5
BENCHMARK DSR	4.7	86.7	7.3	8.0	7.7	5.7	5.3	6.0	4.3	6.3
DECLARATION	5.3	80.0	6.0	6.3	6.3	5.3	5.0	8.0	7.3	6.3
SRP-1WM	5.0	93.0	7.0	6.3	6.3	5.3	6.7	7.7	5.0	6.3
CY-2	5.3	96.0	7.0	6.3	6.7	4.7	6.0	6.7	6.3	6.2
PIN-UP (HTM)	4.3	83.3	5.7	6.7	6.7	6.7	4.7	7.0	6.3	6.2
L-93	2.7	93.0	6.0	6.7	6.3	5.0	6.0	6.7	6.0	6.1
PROCLAMATION (LTP-FEC)	4.0	73.3	6.0	7.3	7.3	5.0	4.3	6.7	6.0	6.1
T-1	4.7	83.3	5.3	8.0	7.7	7.0	5.0	5.7	4.0	6.1
PENNCROSS	3.3	96.0	6.3	6.0	5.3	4.3	6.3	7.3	5.3	5.9
MEMORIAL	4.0	92.7	6.3	5.3	6.0	5.3	6.7	6.7	4.3	5.8
BARRACUDA (MVS-AP-101)	4.7	80.0	6.0	6.7	7.3	6.0	5.3	4.3	4.0	5.7
PURE SELECT (PST-OJD)	2.0	80.0	6.3	7.0	5.7	4.3	3.7	6.7	5.7	5.6
PRINCEVILLE	4.3	92.7	6.7	4.3	4.0	3.3	5.0	5.3	5.3	4.9
LSD VALUE	1.6	21.0	3.6	2.8	2.1	2.2	2.2	3.8	3.0	1.7
C.V. (%)	21.0	10.4	18.7	19.0	16.1	20.1	19.2	22.5	23.2	11.7

TABLE 7C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
 2012 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
						JUL	AUG	SEP	OCT	
A08-EBM	4.0	89.7	5.3	6.0	5.0	5.0	5.7	5.3	5.0	5.3
BCD	4.7	86.3	5.7	4.0	3.3	3.0	1.7	5.7	4.0	3.9
TIGER II	3.3	93.0	4.0	4.0	2.7	2.7	2.3	4.3	4.0	3.4
A08-FT12	4.3	92.7	5.7	4.7	2.7	2.3	2.3	2.3	2.7	3.2
GREENTIME	4.0	90.0	4.0	3.3	2.3	1.7	2.0	4.7	3.3	3.0
PST-R9D7	3.3	93.0	4.0	3.3	2.7	2.3	2.0	2.7	2.7	2.8
LSD VALUE	2.4	20.4	1.2	1.7	1.4	2.8	2.5	2.5	1.7	1.5
C.V. (%)	25.2	8.9	13.1	20.1	23.2	46.5	47.9	30.0	23.5	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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 8A. GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										
NAME	AR1	IL1	MN1	NJ1	QE1	RI1	VA5	WA3	WI1	MEAN
T-1	8.0	7.0	9.0	5.0	7.0	9.0	7.3	6.0	7.3	7.3
LUMINARY (A08-TDN2)	6.7	5.3	7.7	9.0	7.0	8.0	7.0	5.0	7.0	7.0
PURE SELECT (PST-OJD)	6.7	5.3	5.7	8.0	7.0	7.7	7.3	5.3	7.0	6.7
BENCHMARK DSR	6.3	5.7	7.7	4.7	7.0	9.0	7.7	5.0	6.3	6.6
CRYSTAL BLUELINKS	6.7	5.7	6.3	6.0	7.0	8.3	7.3	5.0	7.0	6.6
CY-2	7.0	5.3	5.3	9.0	7.0	6.7	7.0	5.7	6.3	6.6
PIN-UP (HTM)	6.7	5.3	4.7	9.0	6.7	6.7	6.3	5.7	6.7	6.4
BARRACUDA (MVS-AP-101)	6.7	5.7	5.7	6.3	6.7	8.3	6.0	5.0	7.0	6.4
PROCLAMATION (LTP-FEC)	6.3	6.0	5.0	5.7	7.0	8.7	6.3	5.3	6.3	6.3
007	6.7	5.7	5.3	6.3	7.0	7.0	6.7	5.0	6.3	6.2
AUTHORITY	7.0	5.3	4.7	7.0	7.0	6.3	6.3	5.0	6.7	6.1
PENNCROSS	7.7	5.3	7.0	2.3	6.3	7.3	7.0	5.0	6.3	6.0
MEMORIAL	7.3	5.3	6.0	4.0	7.0	6.0	6.7	5.3	6.7	6.0
SRP-1WM	6.3	6.0	4.3	6.0	6.7	7.0	6.7	5.0	6.3	6.0
L-93	7.0	6.0	5.3	4.7	6.7	4.7	6.7	6.0	6.0	5.9
DECLARATION	6.0	5.3	4.7	5.7	7.0	6.0	6.7	5.0	6.0	5.8
GREENTIME	7.0	4.0	4.0	2.3	6.3	5.0	7.3	6.3	6.0	5.4
TIGER II	7.0	4.7	3.3	1.3	7.0	6.3	6.7	6.0	6.0	5.4
BCD	6.3	4.0	3.3	2.7	7.0	4.0	6.7	6.7	7.0	5.3
PRINCEVILLE	8.0	4.7	2.7	4.3	6.7	3.0	6.3	5.0	6.3	5.2
PST-R9D7	6.3	3.7	2.7	2.3	6.3	6.0	6.7	6.3	6.7	5.2
A08-FT12	7.3	4.0	2.7	1.3	6.7	4.0	6.3	6.0	6.0	4.9
A08-EBM	6.3	3.3	2.3	1.3	6.3	5.0	5.3	6.3	6.0	4.7
LSD VALUE	1.1	1.1	1.5	2.0	0.6	0.7	0.8	0.9	0.8	0.4
C.V. (%)	10.1	13.0	18.1	24.7	5.6	6.7	7.8	10.0	7.9	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 8B. GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										
NAME	AR1	IL1	MN1	NJ1	QE1	RI1	VA5	WA3	WI1	MEAN
T-1	8.0	7.0	9.0	5.0	7.0	9.0	7.3	6.0	7.3	7.3
LUMINARY (A08-TDN2)	6.7	5.3	7.7	9.0	7.0	8.0	7.0	5.0	7.0	7.0
PURE SELECT (PST-OJD)	6.7	5.3	5.7	8.0	7.0	7.7	7.3	5.3	7.0	6.7
BENCHMARK DSR	6.3	5.7	7.7	4.7	7.0	9.0	7.7	5.0	6.3	6.6
CRYSTAL BLUELINKS	6.7	5.7	6.3	6.0	7.0	8.3	7.3	5.0	7.0	6.6
CY-2	7.0	5.3	5.3	9.0	7.0	6.7	7.0	5.7	6.3	6.6
PIN-UP (HTM)	6.7	5.3	4.7	9.0	6.7	6.7	6.3	5.7	6.7	6.4
BARRACUDA (MVS-AP-101)	6.7	5.7	5.7	6.3	6.7	8.3	6.0	5.0	7.0	6.4
PROCLAMATION (LTP-FEC)	6.3	6.0	5.0	5.7	7.0	8.7	6.3	5.3	6.3	6.3
007	6.7	5.7	5.3	6.3	7.0	7.0	6.7	5.0	6.3	6.2
AUTHORITY	7.0	5.3	4.7	7.0	7.0	6.3	6.3	5.0	6.7	6.1
PENNCROSS	7.7	5.3	7.0	2.3	6.3	7.3	7.0	5.0	6.3	6.0
MEMORIAL	7.3	5.3	6.0	4.0	7.0	6.0	6.7	5.3	6.7	6.0
SRP-1WM	6.3	6.0	4.3	6.0	6.7	7.0	6.7	5.0	6.3	6.0
L-93	7.0	6.0	5.3	4.7	6.7	4.7	6.7	6.0	6.0	5.9
DECLARATION	6.0	5.3	4.7	5.7	7.0	6.0	6.7	5.0	6.0	5.8
PRINCEVILLE	8.0	4.7	2.7	4.3	6.7	3.0	6.3	5.0	6.3	5.2
LSD VALUE	1.2	1.1	1.6	2.2	0.6	0.8	0.8	0.9	0.8	0.4
C.V. (%)	11.0	11.8	17.2	22.9	5.0	6.9	7.4	11.0	8.0	11.9

TABLE 8C. GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										
NAME	AR1	IL1	MN1	NJ1	QE1	RI1	VA5	WA3	WI1	MEAN
GREENTIME	7.0	4.0	4.0	2.3	6.3	5.0	7.3	6.3	6.0	5.4
TIGER II	7.0	4.7	3.3	1.3	7.0	6.3	6.7	6.0	6.0	5.4
BCD	6.3	4.0	3.3	2.7	7.0	4.0	6.7	6.7	7.0	5.3
PST-R9D7	6.3	3.7	2.7	2.3	6.3	6.0	6.7	6.3	6.7	5.2
A08-FT12	7.3	4.0	2.7	1.3	6.7	4.0	6.3	6.0	6.0	4.9
A08-EBM	6.3	3.3	2.3	1.3	6.3	5.0	5.3	6.3	6.0	4.7
LSD VALUE	0.8	1.1	1.1	0.9	0.8	0.4	0.9	0.8	0.8	0.3
C.V. (%)	7.0	17.9	21.8	30.6	7.1	4.7	8.9	7.5	7.5	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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 9A. SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	IL1	MA1	NJ1	QE1	WA3	WI1	MEAN
A08-FT12	6.7	5.7	6.0	5.0	6.7	6.0	6.0
TIGER II	5.7	7.0	3.0	4.3	7.3	6.0	5.6
BCD	6.7	5.3	5.0	4.3	6.3	5.3	5.5
GREENTIME	6.3	5.3	3.7	4.7	7.3	5.7	5.5
DECLARATION	6.0	4.7	7.3	3.7	5.0	5.7	5.4
CRYSTAL BLUELINKS	5.3	5.7	4.3	3.7	7.0	6.0	5.3
CY-2	4.3	6.7	7.7	2.7	5.7	4.7	5.3
PST-R9D7	5.7	5.0	4.0	3.7	7.0	6.0	5.2
A08-EBM	5.7	4.7	5.0	4.3	6.0	5.3	5.2
LUMINARY (A08-TDN2)	5.7	4.0	7.7	3.0	5.3	5.3	5.2
AUTHORITY	5.0	3.7	7.7	2.3	6.3	6.0	5.2
MEMORIAL	6.3	5.0	5.3	3.0	6.0	5.3	5.2
T-1	6.0	3.3	4.7	3.7	6.3	6.7	5.1
L-93	5.3	4.7	4.0	3.3	6.7	6.3	5.1
PIN-UP (HTM)	5.3	3.0	7.0	3.0	5.3	6.3	5.0
SRP-1WM	5.3	4.0	7.0	3.0	5.3	4.7	4.9
007	5.7	4.0	4.7	3.0	6.3	5.0	4.8
PURE SELECT (PST-OJD)	5.3	1.7	6.0	4.0	6.0	5.7	4.8
BARRACUDA (MVS-AP-101)	5.3	3.3	6.0	3.7	5.3	4.7	4.7
BENCHMARK DSR	5.7	2.7	6.0	3.0	5.3	5.7	4.7
PENNCROSS	4.7	3.0	3.3	3.7	6.3	6.7	4.6
PROCLAMATION (LTP-FEC)	5.3	2.3	6.3	3.0	5.3	5.3	4.6
PRINCEVILLE	5.0	3.0	2.7	3.0	6.7	4.3	4.1
LSD VALUE	1.4	1.9	1.3	1.3	0.9	1.7	0.6
C.V. (%)	15.6	28.1	14.4	23.2	9.4	18.9	17.8

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. SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/							
NAME	IL1	MA1	NJ1	QE1	WA3	WI1	MEAN
DECLARATION	6.0	4.7	7.3	3.7	5.0	5.7	5.4
CRYSTAL BLUELINKS	5.3	5.7	4.3	3.7	7.0	6.0	5.3
CY-2	4.3	6.7	7.7	2.7	5.7	4.7	5.3
LUMINARY (A08-TDN2)	5.7	4.0	7.7	3.0	5.3	5.3	5.2
AUTHORITY	5.0	3.7	7.7	2.3	6.3	6.0	5.2
MEMORIAL	6.3	5.0	5.3	3.0	6.0	5.3	5.2
T-1	6.0	3.3	4.7	3.7	6.3	6.7	5.1
L-93	5.3	4.7	4.0	3.3	6.7	6.3	5.1
PIN-UP (HTM)	5.3	3.0	7.0	3.0	5.3	6.3	5.0
SRP-1WM	5.3	4.0	7.0	3.0	5.3	4.7	4.9
007	5.7	4.0	4.7	3.0	6.3	5.0	4.8
PURE SELECT (PST-OJD)	5.3	1.7	6.0	4.0	6.0	5.7	4.8
BARRACUDA (MVS-AP-101)	5.3	3.3	6.0	3.7	5.3	4.7	4.7
BENCHMARK DSR	5.7	2.7	6.0	3.0	5.3	5.7	4.7
PENNCROSS	4.7	3.0	3.3	3.7	6.3	6.7	4.6
PROCLAMATION (LTP-FEC)	5.3	2.3	6.3	3.0	5.3	5.3	4.6
PRINCEVILLE	5.0	3.0	2.7	3.0	6.7	4.3	4.1
LSD VALUE	1.5	1.9	1.1	1.1	1.0	1.6	0.6
C.V. (%)	17.0	31.5	12.4	22.2	10.3	17.8	17.8

TABLE 9C. SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/							
NAME	IL1	MA1	NJ1	QE1	WA3	WI1	MEAN
A08-FT12	6.7	5.7	6.0	5.0	6.7	6.0	6.0
TIGER II	5.7	7.0	3.0	4.3	7.3	6.0	5.6
BCD	6.7	5.3	5.0	4.3	6.3	5.3	5.5
GREENTIME	6.3	5.3	3.7	4.7	7.3	5.7	5.5
PST-R9D7	5.7	5.0	4.0	3.7	7.0	6.0	5.2
A08-EBM	5.7	4.7	5.0	4.3	6.0	5.3	5.2
LSD VALUE	1.1	1.9	1.5	1.7	0.8	2.0	0.6
C.V. (%)	11.6	21.4	21.2	24.0	7.0	21.4	17.6

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 10A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	AR1	NJ1	QE1	MEAN
PURE SELECT (PST-0JD)	9.0	9.0	6.7	8.2
SRP-1WM	8.7	8.0	6.7	7.8
007	8.7	7.7	6.0	7.4
AUTHORITY	9.0	7.3	6.0	7.4
BARRACUDA (MVS-AP-101)	8.3	6.3	6.7	7.1
LUMINARY (A08-TDN2)	8.3	7.0	6.0	7.1
DECLARATION	8.7	6.7	6.0	7.1
PIN-UP (HTM)	7.3	7.7	6.3	7.1
PROCLAMATION (LTP-FEC)	8.7	6.3	6.0	7.0
CY-2	8.0	6.7	6.0	6.9
BENCHMARK DSR	8.3	5.7	6.0	6.7
CRYSTAL BLUELINKS	8.7	5.3	6.0	6.7
T-1	8.0	6.0	6.0	6.7
L-93	8.3	4.0	6.0	6.1
A08-EBM	8.0	3.3	6.7	6.0
A08-FT12	8.0	3.3	6.7	6.0
MEMORIAL	7.3	4.7	6.0	6.0
BCD	8.0	3.0	6.7	5.9
PST-R9D7	6.7	2.7	6.7	5.3
GREENTIME	6.7	2.0	7.0	5.2
TIGER II	6.7	2.3	6.7	5.2
PRINCEVILLE	7.7	2.3	5.3	5.1
PENNCROSS	6.3	2.0	6.3	4.9
LSD VALUE	1.0	1.5	0.6	0.6
C.V. (%)	7.6	18.0	6.4	10.5

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

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

TABLE 10B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	AR1	NJ1	QE1	MEAN
PURE SELECT (PST-OJD)	9.0	9.0	6.7	8.2
SRP-1WM	8.7	8.0	6.7	7.8
007	8.7	7.7	6.0	7.4
AUTHORITY	9.0	7.3	6.0	7.4
BARRACUDA (MVS-AP-101)	8.3	6.3	6.7	7.1
LUMINARY (A08-TDN2)	8.3	7.0	6.0	7.1
DECLARATION	8.7	6.7	6.0	7.1
PIN-UP (HTM)	7.3	7.7	6.3	7.1
PROCLAMATION (LTP-FEC)	8.7	6.3	6.0	7.0
CY-2	8.0	6.7	6.0	6.9
BENCHMARK DSR	8.3	5.7	6.0	6.7
CRYSTAL BLUELINKS	8.7	5.3	6.0	6.7
T-1	8.0	6.0	6.0	6.7
L-93	8.3	4.0	6.0	6.1
MEMORIAL	7.3	4.7	6.0	6.0
PRINCEVILLE	7.7	2.3	5.3	5.1
PENNCROSS	6.3	2.0	6.3	4.9
LSD VALUE	0.9	1.4	0.6	0.6
C.V. (%)	6.8	14.3	5.6	9.2

TABLE 10C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	AR1	NJ1	QE1	MEAN
A08-EBM	8.0	3.3	6.7	6.0
A08-FT12	8.0	3.3	6.7	6.0
BCD	8.0	3.0	6.7	5.9
PST-R9D7	6.7	2.7	6.7	5.3
GREENTIME	6.7	2.0	7.0	5.2
TIGER II	6.7	2.3	6.7	5.2
LSD VALUE	1.1	1.8	0.8	0.8
C.V. (%)	9.6	39.8	7.8	14.6

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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 11A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	QE1	WA3	MEAN
BARRACUDA (MVS-AP-101)	6.7	8.0	7.3
PURE SELECT (PST-OJD)	6.7	7.0	6.8
LUMINARY (A08-TDN2)	6.3	7.3	6.8
SRP-1WM	6.7	6.7	6.7
A08-EBM	7.3	6.0	6.7
CRYSTAL BLUELINKS	6.3	7.0	6.7
CY-2	6.0	7.3	6.7
DECLARATION	6.0	7.0	6.5
MEMORIAL	6.0	7.0	6.5
PROCLAMATION (LTP-FEC)	6.7	6.0	6.3
PIN-UP (HTM)	6.3	6.3	6.3
A08-FT12	7.3	5.0	6.2
L-93	6.3	5.7	6.0
T-1	6.3	5.7	6.0
PRINCEVILLE	6.0	5.7	5.8
TIGER II	7.0	4.7	5.8
BCD	6.3	5.3	5.8
BENCHMARK DSR	6.3	5.3	5.8
007	6.0	5.3	5.7
AUTHORITY	6.0	5.3	5.7
GREENTIME	7.0	4.3	5.7
PENNCROSS	5.7	5.3	5.5
PST-R9D7	6.7	4.3	5.5
LSD VALUE	1.0	1.7	1.0
C.V. (%)	9.7	17.4	13.8

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 11B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	QE1	WA3	MEAN
BARRACUDA (MVS-AP-101)	6.7	8.0	7.3
PURE SELECT (PST-OJD)	6.7	7.0	6.8
LUMINARY (A08-TDN2)	6.3	7.3	6.8
SRP-1WM	6.7	6.7	6.7
CRYSTAL BLUELINKS	6.3	7.0	6.7
CY-2	6.0	7.3	6.7
DECLARATION	6.0	7.0	6.5
MEMORIAL	6.0	7.0	6.5
PROCLAMATION (LTP-FEC)	6.7	6.0	6.3
PIN-UP (HTM)	6.3	6.3	6.3
L-93	6.3	5.7	6.0
T-1	6.3	5.7	6.0
PRINCEVILLE	6.0	5.7	5.8
BENCHMARK DSR	6.3	5.3	5.8
007	6.0	5.3	5.7
AUTHORITY	6.0	5.3	5.7
PENNCROSS	5.7	5.3	5.5
LSD VALUE	0.7	1.9	1.0
C.V. (%)	7.4	18.2	14.0

TABLE 11C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	QE1	WA3	MEAN
A08-EBM	7.3	6.0	6.7
A08-FT12	7.3	5.0	6.2
TIGER II	7.0	4.7	5.8
BCD	6.3	5.3	5.8
GREENTIME	7.0	4.3	5.7
PST-R9D7	6.7	4.3	5.5
LSD VALUE	1.5	1.0	0.9
C.V. (%)	13.6	12.6	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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 12A. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	QE1	WA3	MEAN
A08-FT12	6.0	9.0	7.5
A08-EBM	5.7	9.0	7.3
BCD	5.0	9.0	7.0
LUMINARY (A08-TDN2)	5.0	9.0	7.0
MEMORIAL	5.0	9.0	7.0
PRINCEVILLE	5.0	9.0	7.0
TIGER II	5.0	9.0	7.0
PURE SELECT (PST-OJD)	4.7	9.0	6.8
CRYSTAL BLUELINKS	4.3	8.7	6.5
CY-2	4.0	9.0	6.5
PENNCROSS	4.0	9.0	6.5
PST-R9D7	4.7	8.3	6.5
DECLARATION	4.3	8.3	6.3
T-1	4.3	8.3	6.3
BARRACUDA (MVS-AP-101)	4.0	8.7	6.3
L-93	4.0	8.7	6.3
007	4.0	8.3	6.2
AUTHORITY	4.0	8.3	6.2
PROCLAMATION (LTP-FEC)	4.0	8.3	6.2
GREENTIME	3.7	8.7	6.2
PIN-UP (HTM)	3.7	8.3	6.0
BENCHMARK DSR	3.7	8.0	5.8
SRP-1WM	3.0	8.0	5.5
LSD VALUE	1.7	0.8	1.0
C.V. (%)	24.7	5.7	12.9

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

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

TABLE 12B. SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	QE1	WA3	MEAN
LUMINARY (A08-TDN2)	5.0	9.0	7.0
MEMORIAL	5.0	9.0	7.0
PRINCEVILLE	5.0	9.0	7.0
PURE SELECT (PST-OJD)	4.7	9.0	6.8
CRYSTAL BLUELINKS	4.3	8.7	6.5
CY-2	4.0	9.0	6.5
PENNCROSS	4.0	9.0	6.5
DECLARATION	4.3	8.3	6.3
T-1	4.3	8.3	6.3
BARRACUDA (MVS-AP-101)	4.0	8.7	6.3
L-93	4.0	8.7	6.3
007	4.0	8.3	6.2
AUTHORITY	4.0	8.3	6.2
PROCLAMATION (LTP-FEC)	4.0	8.3	6.2
PIN-UP (HTM)	3.7	8.3	6.0
BENCHMARK DSR	3.7	8.0	5.8
SRP-1WM	3.0	8.0	5.5
LSD VALUE	1.7	0.9	1.0
C.V. (%)	25.3	6.3	13.2

TABLE 12C. SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			
NAME	QE1	WA3	MEAN
A08-FT12	6.0	9.0	7.5
A08-EBM	5.7	9.0	7.3
BCD	5.0	9.0	7.0
TIGER II	5.0	9.0	7.0
PST-R9D7	4.7	8.3	6.5
GREENTIME	3.7	8.7	6.2
LSD VALUE	1.9	0.5	1.0
C.V. (%)	23.1	3.8	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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 13A. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	NJ1	QE1	RI1	MEAN
LUMINARY (A08-TDN2)	8.3	5.0	6.0	6.4
PIN-UP (HTM)	8.3	3.7	6.7	6.2
PURE SELECT (PST-OJD)	9.0	4.7	4.7	6.1
PROCLAMATION (LTP-FEC)	7.3	4.0	7.0	6.1
AUTHORITY	7.0	4.0	7.0	6.0
CY-2	8.0	4.0	5.7	5.9
DECLARATION	6.7	4.7	6.3	5.9
007	7.3	4.0	6.3	5.9
BARRACUDA (MVS-AP-101)	6.3	4.0	6.0	5.4
SRP-1WM	7.0	3.0	6.3	5.4
CRYSTAL BLUELINKS	5.7	4.3	6.0	5.3
T-1	6.3	4.3	5.0	5.2
A08-EBM	3.7	5.7	6.0	5.1
BENCHMARK DSR	6.7	3.7	5.0	5.1
A08-FT12	3.7	6.0	5.0	4.9
MEMORIAL	4.3	5.0	5.3	4.9
PST-R9D7	2.3	5.0	5.7	4.3
PENNCROSS	4.0	4.0	4.7	4.2
PRINCEVILLE	3.7	5.0	4.0	4.2
TIGER II	1.7	5.0	6.0	4.2
L-93	4.7	4.0	3.7	4.1
GREENTIME	2.7	3.7	5.0	3.8
BCD	2.3	4.7	4.0	3.7
LSD VALUE	1.4	1.8	0.8	0.8
C.V. (%)	15.6	25.0	9.5	16.7

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

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

TABLE 13B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	NJ1	QE1	RI1	MEAN
LUMINARY (A08-TDN2)	8.3	5.0	6.0	6.4
PIN-UP (HTM)	8.3	3.7	6.7	6.2
PURE SELECT (PST-OJD)	9.0	4.7	4.7	6.1
PROCLAMATION (LTP-FEC)	7.3	4.0	7.0	6.1
AUTHORITY	7.0	4.0	7.0	6.0
CY-2	8.0	4.0	5.7	5.9
DECLARATION	6.7	4.7	6.3	5.9
007	7.3	4.0	6.3	5.9
BARRACUDA (MVS-AP-101)	6.3	4.0	6.0	5.4
SRP-1WM	7.0	3.0	6.3	5.4
CRYSTAL BLUELINKS	5.7	4.3	6.0	5.3
T-1	6.3	4.3	5.0	5.2
BENCHMARK DSR	6.7	3.7	5.0	5.1
MEMORIAL	4.3	5.0	5.3	4.9
PENNCROSS	4.0	4.0	4.7	4.2
PRINCEVILLE	3.7	5.0	4.0	4.2
L-93	4.7	4.0	3.7	4.1
LSD VALUE	1.2	1.7	1.0	0.8
C.V. (%)	11.2	25.2	10.6	15.0

TABLE 13C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	NJ1	QE1	RI1	MEAN
A08-EBM	3.7	5.7	6.0	5.1
A08-FT12	3.7	6.0	5.0	4.9
PST-R9D7	2.3	5.0	5.7	4.3
TIGER II	1.7	5.0	6.0	4.2
GREENTIME	2.7	3.7	5.0	3.8
BCD	2.3	4.7	4.0	3.7
LSD VALUE	1.9	2.0	0.4	0.9
C.V. (%)	42.4	24.5	4.5	22.6

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. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	KY1
TIGER II	8.0
PST-R9D7	7.3
A08-FT12	7.0
GREENTIME	7.0
T-1	7.0
A08-EBM	6.7
CRYSTAL BLUELINKS	6.7
007	6.3
BARRACUDA (MVS-AP-101)	6.3
BCD	6.3
LUMINARY (A08-TDN2)	6.3
PROCLAMATION (LTP-FEC)	6.3
BENCHMARK DSR	6.0
CY-2	6.0
DECLARATION	6.0
L-93	6.0
MEMORIAL	6.0
PRINCEVILLE	6.0
AUTHORITY	5.7
PIN-UP (HTM)	5.7
PURE SELECT (PST-OJD)	5.7
SRP-1WM	5.3
PENNCROSS	5.0
LSD VALUE	1.1
C.V. (%)	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 14B. WINTER COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	KY1
T-1	7.0
CRYSTAL BLUELINKS	6.7
007	6.3
BARRACUDA (MVS-AP-101)	6.3
LUMINARY (A08-TDN2)	6.3
PROCLAMATION (LTP-FEC)	6.3
BENCHMARK DSR	6.0
CY-2	6.0
DECLARATION	6.0
L-93	6.0
MEMORIAL	6.0
PRINCEVILLE	6.0
AUTHORITY	5.7
PIN-UP (HTM)	5.7
PURE SELECT (PST-OJD)	5.7
SRP-1WM	5.3
PENNCROSS	5.0
LSD VALUE	1.2
C.V. (%)	12.7

TABLE 14C. WINTER COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	KY1
TIGER II	8.0
PST-R9D7	7.3
A08-FT12	7.0
GREENTIME	7.0
A08-EBM	6.7
BCD	6.3
LSD VALUE	0.7
C.V. (%)	5.8

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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 15A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	MD1	PA1	RI1	MEAN
TIGER II	8.7	9.0	8.0	8.6
A08-EBM	9.0	9.0	6.7	8.2
A08-FT12	8.3	9.0	7.3	8.2
PROCLAMATION (LTP-FEC)	7.5	9.0	7.7	8.1
PST-R9D7	9.0	9.0	5.3	7.8
SRP-1WM	8.0	8.3	5.7	7.3
DECLARATION	8.5	9.0	4.3	7.3
CY-2	6.3	8.3	6.3	7.0
LUMINARY (A08-TDN2)	7.7	7.7	5.3	6.9
PIN-UP (HTM)	7.0	8.3	5.3	6.9
BCD	9.0	8.7	3.0	6.9
BARRACUDA (MVS-AP-101)	7.3	9.0	4.0	6.8
007	7.3	8.3	4.3	6.7
GREENTIME	8.7	8.7	2.3	6.6
MEMORIAL	8.7	8.3	2.0	6.3
BENCHMARK DSR	8.0	8.7	1.7	6.1
CRYSTAL BLUELINKS	6.7	8.0	3.3	6.0
PURE SELECT (PST-OJD)	6.0	7.7	3.0	5.6
AUTHORITY	6.0	8.0	2.3	5.4
L-93	6.3	8.0	1.0	5.1
PENNCROSS	7.3	6.0	1.0	4.8
T-1	6.0	6.3	1.0	4.4
PRINCEVILLE	5.0	5.7	2.0	4.2
LSD VALUE	1.6	0.9	2.0	0.9
C.V. (%)	12.9	7.2	31.1	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 15B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	MD1	PA1	RI1	MEAN
PROCLAMATION (LTP-FEC)	7.5	9.0	7.7	8.1
SRP-1WM	8.0	8.3	5.7	7.3
DECLARATION	8.5	9.0	4.3	7.3
CY-2	6.3	8.3	6.3	7.0
LUMINARY (A08-TDN2)	7.7	7.7	5.3	6.9
PIN-UP (HTM)	7.0	8.3	5.3	6.9
BARRACUDA (MVS-AP-101)	7.3	9.0	4.0	6.8
007	7.3	8.3	4.3	6.7
MEMORIAL	8.7	8.3	2.0	6.3
BENCHMARK DSR	8.0	8.7	1.7	6.1
CRYSTAL BLUELINKS	6.7	8.0	3.3	6.0
PURE SELECT (PST-QJD)	6.0	7.7	3.0	5.6
AUTHORITY	6.0	8.0	2.3	5.4
L-93	6.3	8.0	1.0	5.1
PENNCROSS	7.3	6.0	1.0	4.8
T-1	6.0	6.3	1.0	4.4
PRINCEVILLE	5.0	5.7	2.0	4.2
LSD VALUE	1.9	1.1	2.2	1.0
C.V. (%)	15.8	8.3	38.8	17.6

TABLE 15C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	MD1	PA1	RI1	MEAN
TIGER II	8.7	9.0	8.0	8.6
A08-EBM	9.0	9.0	6.7	8.2
A08-FT12	8.3	9.0	7.3	8.2
PST-R9D7	9.0	9.0	5.3	7.8
BCD	9.0	8.7	3.0	6.9
GREENTIME	8.7	8.7	2.3	6.6
LSD VALUE	0.7	0.5	1.4	0.5
C.V. (%)	4.7	3.8	15.6	7.5

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

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

TABLE 16A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 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	8.0
A08-FT12	7.3
GREENTIME	7.3
A08-EBM	6.7
TIGER II	6.3
PST-R9D7	4.3
LSD VALUE	0.5
C.V. (%)	3.3

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 16B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 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 16C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	MD1
BCD	8.0
A08-FT12	7.3
GREENTIME	7.3
A08-EBM	6.7
TIGER II	6.3
PST-R9D7	4.3
LSD VALUE	0.8
C.V. (%)	7.9

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 17A. PYTHIUM BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA5
007	9.0
PRINCEVILLE	9.0
PURE SELECT (PST-OJD)	8.7
CY-2	8.3
L-93	8.3
LUMINARY (A08-TDN2)	8.3
PENNCROSS	8.3
PIN-UP (HTM)	8.3
SRP-1WM	8.3
T-1	8.3
AUTHORITY	8.0
BARRACUDA (MVS-AP-101)	8.0
BENCHMARK DSR	8.0
CRYSTAL BLUELINKS	8.0
PROCLAMATION (LTP-FEC)	8.0
DECLARATION	7.7
MEMORIAL	7.7
BCD	6.3
A08-FT12	5.7
PST-R9D7	5.7
TIGER II	5.0
GREENTIME	4.3
A08-EBM	3.3
LSD VALUE	1.5
C.V. (%)	12.6

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 17B. PYTHIUM BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA5
007	9.0
PRINCEVILLE	9.0
PURE SELECT (PST-OJD)	8.7
CY-2	8.3
L-93	8.3
LUMINARY (A08-TDN2)	8.3
PENNCROSS	8.3
PIN-UP (HTM)	8.3
SRP-1WM	8.3
T-1	8.3
AUTHORITY	8.0
BARRACUDA (MVS-AP-101)	8.0
BENCHMARK DSR	8.0
CRYSTAL BLUELINKS	8.0
PROCLAMATION (LTP-FEC)	8.0
DECLARATION	7.7
MEMORIAL	7.7
LSD VALUE	1.1
C.V. (%)	8.0

TABLE 17C. PYTHIUM BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA5
BCD	6.3
A08-FT12	5.7
PST-R9D7	5.7
TIGER II	5.0
GREENTIME	4.3
A08-EBM	3.3
LSD VALUE	2.3
C.V. (%)	28.7

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 18A. SOD WEBWORM DAMAGE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	NJ1
A08-EBM	9.0
A08-FT12	9.0
BCD	9.0
GREENTIME	9.0
PST-R9D7	9.0
PURE SELECT (PST-OJD)	9.0
TIGER II	9.0
PIN-UP (HTM)	8.7
PROCLAMATION (LTP-FEC)	8.3
AUTHORITY	8.0
LUMINARY (A08-TDN2)	8.0
SRP-1WM	8.0
007	7.3
DECLARATION	7.3
L-93	5.7
BARRACUDA (MVS-AP-101)	5.3
PRINCEVILLE	5.0
BENCHMARK DSR	4.7
CY-2	4.7
MEMORIAL	4.7
CRYSTAL BLUELINKS	4.3
T-1	4.0
PENNCROSS	2.7
LSD VALUE	2.3
C.V. (%)	20.3

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 18B. SOD WEBWORM DAMAGE RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	NJ1
PURE SELECT (PST-OJD)	9.0
PIN-UP (HTM)	8.7
PROCLAMATION (LTP-FEC)	8.3
AUTHORITY	8.0
LUMINARY (A08-TDN2)	8.0
SRP-1WM	8.0
007	7.3
DECLARATION	7.3
L-93	5.7
BARRACUDA (MVS-AP-101)	5.3
PRINCEVILLE	5.0
BENCHMARK DSR	4.7
CY-2	4.7
MEMORIAL	4.7
CRYSTAL BLUELINKS	4.3
T-1	4.0
PENNCROSS	2.7
LSD VALUE	2.6
C.V. (%)	26.4

TABLE 18C. SOD WEBWORM DAMAGE RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 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 19A. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	WA3
L-93	7.0
007	6.7
BENCHMARK DSR	6.7
CRYSTAL BLUELINKS	6.7
MEMORIAL	6.7
PENNCROSS	6.7
PROCLAMATION (LTP-FEC)	6.7
BCD	6.3
CY-2	6.3
DECLARATION	6.3
LUMINARY (A08-TDN2)	6.3
PST-R9D7	6.3
T-1	6.3
TIGER II	6.3
A08-EBM	6.0
A08-FT12	6.0
AUTHORITY	6.0
BARRACUDA (MVS-AP-101)	6.0
PIN-UP (HTM)	6.0
PRINCEVILLE	6.0
PURE SELECT (PST-OJD)	6.0
SRP-1WM	6.0
GREENTIME	5.7
LSD VALUE	1.0
C.V. (%)	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 19B. FALL COLOR (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
L-93	7.0
007	6.7
BENCHMARK DSR	6.7
CRYSTAL BLUELINKS	6.7
MEMORIAL	6.7
PENNCROSS	6.7
PROCLAMATION (LTP-FEC)	6.7
CY-2	6.3
DECLARATION	6.3
LUMINARY (A08-TDN2)	6.3
T-1	6.3
AUTHORITY	6.0
BARRACUDA (MVS-AP-101)	6.0
PIN-UP (HTM)	6.0
PRINCEVILLE	6.0
PURE SELECT (PST-OJD)	6.0
SRP-1WM	6.0
LSD VALUE	0.7
C.V. (%)	6.9

TABLE 19C. FALL COLOR (SEPTEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
BCD	6.3
PST-R9D7	6.3
TIGER II	6.3
A08-EBM	6.0
A08-FT12	6.0
GREENTIME	5.7
LSD VALUE	1.5
C.V. (%)	15.4

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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 20A. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	WA3
T-1	7.0
007	7.0
BENCHMARK DSR	7.0
L-93	6.7
PROCLAMATION (LTP-FEC)	6.7
CRYSTAL BLUELINKS	6.7
PENNCROSS	7.0
PIN-UP (HTM)	7.0
BARRACUDA (MVS-AP-101)	6.3
LUMINARY (A08-TDN2)	6.7
MEMORIAL	6.7
SRP-1WM	6.0
CY-2	6.3
AUTHORITY	6.0
DECLARATION	6.0
PURE SELECT (PST-OJD)	6.0
PRINCEVILLE	6.0
TIGER II	6.0
BCD	6.0
GREENTIME	6.0
PST-R9D7	5.7
A08-FT12	5.0
A08-EBM	5.0
LSD VALUE	0.8
C.V. (%)	7.9

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 (OCTOBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
T-1	7.0
007	7.0
BENCHMARK DSR	7.0
L-93	6.7
PROCLAMATION (LTP-FEC)	6.7
CRYSTAL BLUELINKS	6.7
PENNCROSS	7.0
PIN-UP (HTM)	7.0
BARRACUDA (MVS-AP-101)	6.3
LUMINARY (A08-TDN2)	6.7
MEMORIAL	6.7
SRP-1WM	6.0
CY-2	6.3
AUTHORITY	6.0
DECLARATION	6.0
PURE SELECT (PST-OJD)	6.0
PRINCEVILLE	6.0
LSD VALUE	0.6
C.V. (%)	5.7

TABLE 20C. FALL COLOR (OCTOBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
TIGER II	6.0
BCD	6.0
GREENTIME	6.0
PST-R9D7	5.7
A08-FT12	5.0
A08-EBM	5.0
LSD VALUE	1.2
C.V. (%)	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.

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

NAME	WA3
007	6.7
DECLARATION	6.3
SRP-1WM	6.3
BARRACUDA (MVS-AP-101)	6.0
MEMORIAL	6.0
PIN-UP (HTM)	6.0
PROCLAMATION (LTP-FEC)	6.0
PURE SELECT (PST-OJD)	6.0
AUTHORITY	5.7
BENCHMARK DSR	5.7
PENNCROSS	5.7
BCD	5.3
CRYSTAL BLUELINKS	5.3
L-93	5.3
T-1	5.3
A08-EBM	5.0
A08-FT12	5.0
LUMINARY (A08-TDN2)	5.0
CY-2	4.3
PRINCEVILLE	4.3
GREENTIME	3.3
TIGER II	3.3
PST-R9D7	2.7
LSD VALUE	1.5
C.V. (%)	17.8

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 21B. POA ANNUA RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
007	6.7
DECLARATION	6.3
SRP-1WM	6.3
BARRACUDA (MVS-AP-101)	6.0
MEMORIAL	6.0
PIN-UP (HTM)	6.0
PROCLAMATION (LTP-FEC)	6.0
PURE SELECT (PST-OJD)	6.0
AUTHORITY	5.7
BENCHMARK DSR	5.7
PENNCROSS	5.7
CRYSTAL BLUELINKS	5.3
L-93	5.3
T-1	5.3
LUMINARY (A08-TDN2)	5.0
CY-2	4.3
PRINCEVILLE	4.3
LSD VALUE	1.6
C.V. (%)	17.5

TABLE 21C. POA ANNUA RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	WA3
BCD	5.3
A08-EBM	5.0
A08-FT12	5.0
GREENTIME	3.3
TIGER II	3.3
PST-R9D7	2.7
LSD VALUE	1.2
C.V. (%)	18.1

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.

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

NAME	RI1
TIGER II	7.7
BCD	6.3
GREENTIME	6.3
CRYSTAL BLUELINKS	5.7
A08-EBM	5.3
A08-FT12	5.3
CY-2	4.7
MEMORIAL	4.7
PRINCEVILLE	4.7
PST-R9D7	4.7
007	4.3
T-1	4.0
L-93	3.7
LUMINARY (A08-TDN2)	3.7
PENNCROSS	3.7
SRP-1WM	3.7
BENCHMARK DSR	3.3
DECLARATION	3.3
PIN-UP (HTM)	3.3
PURE SELECT (PST-OJD)	3.3
BARRACUDA (MVS-AP-101)	3.0
AUTHORITY	2.7
PROCLAMATION (LTP-FEC)	2.0
LSD VALUE	1.9
C.V. (%)	28.0

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 22B. CHILLING INJURY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	RI1
CRYSTAL BLUELINKS	5.7
CY-2	4.7
MEMORIAL	4.7
PRINCEVILLE	4.7
007	4.3
T-1	4.0
L-93	3.7
LUMINARY (A08-TDN2)	3.7
PENNCROSS	3.7
SRP-1WM	3.7
BENCHMARK DSR	3.3
DECLARATION	3.3
PIN-UP (HTM)	3.3
PURE SELECT (PST-OJD)	3.3
BARRACUDA (MVS-AP-101)	3.0
AUTHORITY	2.7
PROCLAMATION (LTP-FEC)	2.0
LSD VALUE	1.9
C.V. (%)	32.2

TABLE 22C. CHILLING INJURY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	RI1
TIGER II	7.7
BCD	6.3
GREENTIME	6.3
A08-EBM	5.3
A08-FT12	5.3
PST-R9D7	4.7
LSD VALUE	2.0
C.V. (%)	20.6

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 23A. DACONIL RECOVERY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
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
PST-R9D7	6.3
A08-FT12	5.7
A08-EBM	3.7
GREENTIME	2.3
BCD	1.3
TIGER II	1.3
LSD VALUE	1.0
C.V. (%)	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.

TABLE 23B. DACONIL RECOVERY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
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 23C. DACONIL RECOVERY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	NJ1
PST-R9D7	6.3
A08-FT12	5.7
A08-EBM	3.7
GREENTIME	2.3
BCD	1.3
TIGER II	1.3
LSD VALUE	2.0
C.V. (%)	35.6

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 24A. HEAT STRESS RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2012 DATA

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

NAME	RI1
A08-FT12	6.7
TIGER II	6.0
GREENTIME	5.3
BCD	4.7
SRP-1WM	4.7
007	4.0
PST-R9D7	3.3
A08-EBM	2.7
LUMINARY (A08-TDN2)	2.7
PROCLAMATION (LTP-FEC)	2.3
PURE SELECT (PST-OJD)	2.3
AUTHORITY	2.0
CY-2	2.0
MEMORIAL	2.0
PRINCEVILLE	2.0
CRYSTAL BLUELINKS	1.7
DECLARATION	1.7
BARRACUDA (MVS-AP-101)	1.3
L-93	1.3
PENNCROSS	1.3
PIN-UP (HTM)	1.3
BENCHMARK DSR	1.0
T-1	1.0
LSD VALUE	1.6
C.V. (%)	37.1

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 24B. HEAT STRESS RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	RI1
SRP-1WM	4.7
007	4.0
LUMINARY (A08-TDN2)	2.7
PROCLAMATION (LTP-FEC)	2.3
PURE SELECT (PST-OJD)	2.3
AUTHORITY	2.0
CY-2	2.0
MEMORIAL	2.0
PRINCEVILLE	2.0
CRYSTAL BLUELINKS	1.7
DECLARATION	1.7
BARRACUDA (MVS-AP-101)	1.3
L-93	1.3
PENNCROSS	1.3
PIN-UP (HTM)	1.3
BENCHMARK DSR	1.0
T-1	1.0
LSD VALUE	1.6
C.V. (%)	48.1

TABLE 24C. HEAT STRESS RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2012 DATA

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

NAME	RI1
A08-FT12	6.7
TIGER II	6.0
GREENTIME	5.3
BCD	4.7
PST-R9D7	3.3
A08-EBM	2.7
LSD VALUE	1.8
C.V. (%)	23.7

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.

Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP

TABLE 25A. WEAR TOLERANCE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT AMHERST, MA 1/
2012 DATA

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

NAME	JUNE	SEPTEMBER	MEAN
BENCHMARK DSR	6.3	6.3	6.3
T-1	5.3	7.3	6.3
AUTHORITY	6.0	6.3	6.2
BARRACUDA (MVS-AP-101)	6.0	6.3	6.2
CRYSTAL BLUELINKS	6.3	6.0	6.2
SRP-1WM	4.7	7.7	6.2
PURE SELECT (PST-OJD)	5.3	6.7	6.0
CY-2	5.3	6.3	5.8
DECLARATION	6.0	5.7	5.8
GREENTIME	6.0	5.7	5.8
L-93	5.3	6.3	5.8
PRINCEVILLE	5.7	6.0	5.8
PROCLAMATION (LTP-FEC)	5.3	6.3	5.8
007	5.7	5.7	5.7
LUMINARY (A08-TDN2)	4.7	6.7	5.7
MEMORIAL	5.3	6.0	5.7
PIN-UP (HTM)	5.0	6.3	5.7
A08-EBM	6.0	5.0	5.5
PENNCROSS	6.0	5.0	5.5
PST-R9D7	6.0	4.7	5.3
TIGER II	5.7	4.7	5.2
A08-FT12	5.3	4.7	5.0
BCD	5.7	4.3	5.0
LSD VALUE	1.7	1.4	1.1
C.V. (%)	11.9	13.2	8.4

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 25B. WEAR TOLERANCE RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE AT AMHERST, MA 1/
 2012 DATA

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

NAME	JUNE	SEPTEMBER	MEAN
BENCHMARK DSR	6.3	6.3	6.3
T-1	5.3	7.3	6.3
AUTHORITY	6.0	6.3	6.2
BARRACUDA (MVS-AP-101)	6.0	6.3	6.2
CRYSTAL BLUELINKS	6.3	6.0	6.2
SRP-1WM	4.7	7.7	6.2
PURE SELECT (PST-OJD)	5.3	6.7	6.0
CY-2	5.3	6.3	5.8
DECLARATION	6.0	5.7	5.8
L-93	5.3	6.3	5.8
PRINCEVILLE	5.7	6.0	5.8
PROCLAMATION (LTP-FEC)	5.3	6.3	5.8
007	5.7	5.7	5.7
LUMINARY (A08-TDN2)	4.7	6.7	5.7
MEMORIAL	5.3	6.0	5.7
PIN-UP (HTM)	5.0	6.3	5.7
PENNCROSS	6.0	5.0	5.5
LSD VALUE	1.5	1.7	1.6
C.V. (%)	11.7	12.2	8.7

TABLE 25C. WEAR TOLERANCE RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE AT AMHERST, MA 1/
 2012 DATA

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

NAME	JUNE	SEPTEMBER	MEAN
GREENTIME	6.0	5.7	5.8
A08-EBM	6.0	5.0	5.5
PST-R9D7	6.0	4.7	5.3
TIGER II	5.7	4.7	5.2
A08-FT12	5.3	4.7	5.0
BCD	5.7	4.3	5.0
LSD VALUE	1.8	2.2	0.9
C.V. (%)	12.5	18.5	8.0

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

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

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

NAME	SPRING	FALL	MEAN
A08-EBM	6.3	8.7	7.5
CRYSTAL BLUELINKS	5.3	8.3	6.8
A08-FT12	5.3	8.0	6.7
007	5.3	6.3	5.8
MEMORIAL	5.7	6.0	5.8
TIGER II	5.3	6.3	5.8
BCD	5.7	5.7	5.7
GREENTIME	4.7	6.7	5.7
PROCLAMATION (LTP-FEC)	5.7	5.7	5.7
CY-2	5.3	5.7	5.5
PRINCEVILLE	4.7	6.3	5.5
BARRACUDA (MVS-AP-101)	4.7	6.0	5.3
BENCHMARK DSR	5.7	5.0	5.3
PENNCROSS	3.7	7.0	5.3
LUMINARY (A08-TDN2)	4.7	5.7	5.2
L-93	5.0	5.0	5.0
AUTHORITY	5.0	4.3	4.7
DECLARATION	5.0	4.3	4.7
SRP-1WM	4.7	4.7	4.7
PIN-UP (HTM)	4.3	4.7	4.5
PST-R9D7	4.0	3.7	3.8
PURE SELECT (PST-OJD)	3.7	3.3	3.5
T-1	4.0	2.0	3.0
LSD VALUE	2.7	2.7	1.8
C.V. (%)	20.6	27.0	19.0

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

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

TABLE 26B. TURF UNIFORMITY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data reports on 12 cultivars grown on a fairway or TEE AT KINGSTON, RI 1/
 2012 DATA

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

NAME	SPRING	FALL	MEAN
CRYSTAL BLUELINKS	5.3	8.3	6.8
007	5.3	6.3	5.8
MEMORIAL	5.7	6.0	5.8
PROCLAMATION (LTP-FEC)	5.7	5.7	5.7
CY-2	5.3	5.7	5.5
PRINCEVILLE	4.7	6.3	5.5
BARRACUDA (MVS-AP-101)	4.7	6.0	5.3
BENCHMARK DSR	5.7	5.0	5.3
PENNCROSS	3.7	7.0	5.3
LUMINARY (A08-TDN2)	4.7	5.7	5.2
L-93	5.0	5.0	5.0
AUTHORITY	5.0	4.3	4.7
DECLARATION	5.0	4.3	4.7
SRP-1WM	4.7	4.7	4.7
PIN-UP (HTM)	4.3	4.7	4.5
PURE SELECT (PST-OJD)	3.7	3.3	3.5
T-1	4.0	2.0	3.0
LSD VALUE	2.6	3.5	2.5
C.V. (%)	20.3	31.3	21.9

TABLE 26C. TURF UNIFORMITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
 2012 DATA

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

NAME	SPRING	FALL	MEAN
A08-EBM	6.3	8.7	7.5
A08-FT12	5.3	8.0	6.7
TIGER II	5.3	6.3	5.8
BCD	5.7	5.7	5.7
GREENTIME	4.7	6.7	5.7
PST-R9D7	4.0	3.7	3.8
LSD VALUE	2.0	2.0	1.1
C.V. (%)	17.7	16.9	10.5

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

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

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

NAME	NOVEMBER	DECEMBER	MEAN
LUMINARY (A08-TDN2)	6.0	5.3	5.7
DECLARATION	5.3	5.7	5.5
SRP-1WM	5.7	5.3	5.5
A08-FT12	5.3	5.3	5.3
BARRACUDA (MVS-AP-101)	5.7	5.0	5.3
MEMORIAL	5.7	4.7	5.2
PST-R9D7	4.7	5.7	5.2
BCD	5.0	4.7	4.8
007	5.0	4.3	4.7
A08-EBM	4.7	4.3	4.5
BENCHMARK DSR	4.7	4.3	4.5
L-93	4.3	4.7	4.5
PROCLAMATION (LTP-FEC)	5.0	4.0	4.5
T-1	4.3	4.7	4.5
TIGER II	4.0	5.0	4.5
AUTHORITY	4.3	4.3	4.3
PIN-UP (HTM)	4.7	4.0	4.3
CRYSTAL BLUELINKS	4.0	4.3	4.2
CY-2	4.3	4.0	4.2
PENNCROSS	3.7	4.3	4.0
PRINCEVILLE	3.3	4.0	3.7
PURE SELECT (PST-OJD)	4.0	3.3	3.7
GREENTIME	3.3	3.7	3.5
LSD VALUE	1.0	2.1	1.1
C.V. (%)	13.2	18.9	12.8

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

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

TABLE 27B. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the 2008 Bentgrass (Fairway) test - 12 data reports on permission from NTEP
 GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
 2012 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/			
NAME	NOVEMBER	DECEMBER	MEAN
LUMINARY (A08-TDN2)	6.0	5.3	5.7
DECLARATION	5.3	5.7	5.5
SRP-1WM	5.7	5.3	5.5
BARRACUDA (MVS-AP-101)	5.7	5.0	5.3
MEMORIAL	5.7	4.7	5.2
007	5.0	4.3	4.7
BENCHMARK DSR	4.7	4.3	4.5
L-93	4.3	4.7	4.5
PROCLAMATION (LTP-FEC)	5.0	4.0	4.5
T-1	4.3	4.7	4.5
AUTHORITY	4.3	4.3	4.3
PIN-UP (HTM)	4.7	4.0	4.3
CRYSTAL BLUELINKS	4.0	4.3	4.2
CY-2	4.3	4.0	4.2
PENNCROSS	3.7	4.3	4.0
PRINCEVILLE	3.3	4.0	3.7
PURE SELECT (PST-OJD)	4.0	3.3	3.7
LSD VALUE	0.9	2.4	1.1
C.V. (%)	11.8	20.1	12.9

TABLE 27C. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
 2012 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/			
NAME	NOVEMBER	DECEMBER	MEAN
A08-FT12	5.3	5.3	5.3
PST-R9D7	4.7	5.7	5.2
BCD	5.0	4.7	4.8
A08-EBM	4.7	4.3	4.5
TIGER II	4.0	5.0	4.5
GREENTIME	3.3	3.7	3.5
LSD VALUE	1.7	1.7	1.2
C.V. (%)	17.7	16.9	13.0

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.