

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 2009-13

<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
New York	Farmingdale (Bethpage State Park - Low Input)	NY2
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.

2009-13 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	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	61-150	151-240	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	151-270	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NY2	LOAMY SAND	7.1-7.5	61-150	0-150	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	4.6-5.5	-	-	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
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	5.6-6.0	151-270	151-240	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	61-150	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2009-13

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1			X	X	X	X	X	X	X	X	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			X		
MA1			X	X	X	X	X	X	X	X	X	X	X	X	
MD1				X	X	X	X	X	X	X	X		X		
MN1				X	X	X	X	X	X	X			X	X	
NJ1				X	X	X	X	X	X	X	X		X	X	X
NY2				X	X	X	X	X	X	X				X	
PA1					X	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	X	
UT1				X	X	X	X	X	X	X			X	X	
VA5			X	X	X	X	X	X	X	X	X	X	X	X	
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WI1				X	X	X	X	X	X	X	X		X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2009-13

LOCATION	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE RECOVERY	THATCH MEASURE- MENT	MICRODO- CHIUM PATCH	DOLLAR SPOT
AR1		X											X	
IL1														
IL2			X			X	X	X						X
KY1		X		X		X				X				
MA1	X		X					X				X		
MD1														X
MN1														X
NJ1					X					X	X			X
NY2		X												
PA1		X								X				X
QE1			X	X	X									
RI1		X	X	X	X		X	X						X
UT1						X	X	X						
VA5										X				
WA3		X	X	X					X	X			X	X
WI1														

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2009-13

LOCATION	RED THREAD	BROWN PATCH WARM TEMP.	PYTHIUM BLIGHT	ANTHRACNOSE RATINGS	FAIRY RING	PINK SNOW MOLD	TAKE-ALL PATCH	SOD WEB WORM	WHITE GRUB DAMAGE	ARMY WORM DAMAGE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER
AR1												
IL1												
IL2												X
KY1		X										
MA1		X										
MD1		X										
MN1		X					X					
NJ1		X	X			X		X				
NY2												
PA1											X	
QE1												
RI1	X			X	X	X			X	X		
UT1												
VA5		X	X									
WA3	X										X	X
WI1						X						X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2009-13

LOCATION	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	POA ANNUA	MOWING QUALITY	PERCENT ESTABLISH- MENT	CHILLING INJURY	MECHANICAL DAMAGE IN SUMMER	DACONIL RECOVERY	COPPER SPOT	SCALPING RATINGS	HEAT STRESS	SPRING COLOR
AR1	X											
IL1	X				X							
IL2					X							
KY1					X							
MA1					X							
MD1							X					
MN1					X							
NJ1					X			X	X			
NY2												
PA1	X			X						X		
QE1												
RI1						X					X	
UT1					X							
VA5		X										
WA3		X	X									X
WI1					X							

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2009-13

LOCATION	DOLLAR SPOT RATINGS					DOLLAR SPOT COUNTS	WEAR TOLERANCE RATINGS				UNIFORMITY		MICRODOCHIUM RATINGS			
	JUN	JUL	AUG	SEP	OCT		JUN	AUG	SEP	OCT	SPR	SUM	JAN	FEB	NOV	DEC
AR1																
IL1																
IL2																
KY1	X	X		X												
MA1						X		X	X	X						
MD1																
MN1																
NJ1																
NY2																
PA1																
QE1																
RI1				X	X						X	X				
UT1																
VA5			X	X												
WA3													X	X	X	X
WI1																

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT SIX LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 **/
2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	PA1	MA1	NJ1	MD1	IL1	MN1	MEAN
* BARRACUDA (MVS-AP-101)	7.7	6.8	7.0	6.8	6.6	6.8	7.0
* PURE SELECT (PST-OJD)	7.6	6.7	6.9	6.7	6.4	6.5	6.8
* PROCLAMATION (LTP-FEC)	7.5	6.7	6.6	6.6	6.5	6.5	6.7
* T-1	7.4	6.8	6.5	6.7	6.6	6.5	6.7
SRP-1WM	7.4	6.7	6.6	6.6	6.5	6.5	6.7
* AUTHORITY	7.4	6.7	6.5	6.6	6.5	6.5	6.7
* LUMINARY (A08-TDN2)	7.4	6.6	6.7	6.5	6.4	6.5	6.7
* DECLARATION	7.4	6.6	6.6	6.4	6.4	6.6	6.6
* BENCHMARK DSR	7.4	6.6	6.5	6.5	6.4	6.4	6.6
* 007	7.3	6.7	6.3	6.6	6.5	6.3	6.6
* PIN-UP (HTM)	7.3	6.6	6.4	6.5	6.4	6.4	6.6
* CRYSTAL BLUELINKS	7.1	6.5	6.1	6.4	6.3	6.1	6.4
* CY-2	7.0	6.5	5.9	6.3	6.3	6.1	6.4
A08-FT12	6.6	6.1	5.6	5.7	6.3	6.6	6.1
* GREENTIME	6.4	6.0	5.4	5.5	6.1	6.5	6.0
BCD	6.4	5.9	5.5	5.4	6.0	6.6	6.0
* TIGER II	6.3	6.0	5.2	5.5	6.1	6.4	5.9
* MEMORIAL	6.4	6.3	5.0	6.0	6.0	5.5	5.9
* L-93	6.3	6.2	4.9	5.8	6.0	5.5	5.8
A08-EBM	6.1	6.0	4.8	5.5	6.1	6.0	5.7
* PENNCROSS	5.4	5.7	3.7	5.2	5.5	4.6	5.0
PST-R9D7	5.2	5.1	3.9	4.6	5.2	5.2	4.9
* PRINCEVILLE	4.9	5.4	3.0	4.9	5.2	4.1	4.6
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	7.1	7.6	8.4	7.9	7.7	7.8	7.7

* 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 AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF

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 AT SIX LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	MA1	NJ1	MD1	IL1	MN1	MEAN
BARRACUDA (MVS-AP-101)	7.7	6.8	7.0	6.8	6.6	6.8	7.0
PURE SELECT (PST-OJD)	7.6	6.7	6.9	6.7	6.4	6.5	6.8
PROCLAMATION (LTP-FEC)	7.5	6.7	6.6	6.6	6.5	6.5	6.7
T-1	7.4	6.8	6.5	6.7	6.6	6.5	6.7
SRP-1WM	7.4	6.7	6.6	6.6	6.5	6.5	6.7
AUTHORITY	7.4	6.7	6.5	6.6	6.5	6.5	6.7
LUMINARY (A08-TDN2)	7.4	6.6	6.7	6.5	6.4	6.5	6.7
DECLARATION	7.4	6.6	6.6	6.4	6.4	6.6	6.6
BENCHMARK DSR	7.4	6.6	6.5	6.5	6.4	6.4	6.6
007	7.3	6.7	6.3	6.6	6.5	6.3	6.6
PIN-UP (HTM)	7.3	6.6	6.4	6.5	6.4	6.4	6.6
CRYSTAL BLUELINKS	7.1	6.5	6.1	6.4	6.3	6.1	6.4
CY-2	7.0	6.5	5.9	6.3	6.3	6.1	6.4
MEMORIAL	6.4	6.3	5.0	6.0	6.0	5.5	5.9
L-93	6.3	6.2	4.9	5.8	6.0	5.5	5.8
PENNCROSS	5.4	5.7	3.7	5.2	5.5	4.6	5.0
PRINCEVILLE	4.9	5.4	3.0	4.9	5.2	4.1	4.6
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	6.8	7.4	8.0	7.6	7.6	7.8	7.5

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT SIX LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	MA1	NJ1	MD1	IL1	MN1	MEAN
A08-FT12	6.6	6.1	5.6	5.7	6.3	6.6	6.1
GREENTIME	6.4	6.0	5.4	5.5	6.1	6.5	6.0
BCD	6.4	5.9	5.5	5.4	6.0	6.6	6.0
TIGER II	6.3	6.0	5.2	5.5	6.1	6.4	5.9
A08-EBM	6.1	6.0	4.8	5.5	6.1	6.0	5.7
PST-R9D7	5.2	5.1	3.9	4.6	5.2	5.2	4.9
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	7.7	8.2	9.5	8.9	8.0	7.7	8.3

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

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 AT FOUR LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	KY1	AR1	WA3	QE1	MEAN
A08-FT12	7.4	7.6	5.9	6.4	6.8
A08-EBM	7.2	7.5	5.9	6.2	6.7
TIGER II	7.2	7.4	5.8	6.3	6.7
GREENTIME	7.3	7.4	5.7	6.3	6.7
BCD	7.2	7.3	5.6	6.2	6.6
T-1	7.2	7.5	5.8	5.7	6.6
AUTHORITY	7.2	7.5	5.8	5.6	6.5
BARRACUDA (MVS-AP-101)	7.2	7.5	5.7	5.6	6.5
007	7.1	7.5	5.8	5.5	6.5
SRP-1WM	7.1	7.4	5.7	5.6	6.5
PIN-UP (HTM)	7.1	7.4	5.7	5.6	6.5
CY-2	7.1	7.4	5.7	5.6	6.5
PROCLAMATION (LTP-FEC)	7.1	7.4	5.7	5.5	6.4
DECLARATION	7.1	7.3	5.6	5.6	6.4
MEMORIAL	6.9	7.3	5.7	5.5	6.4
BENCHMARK DSR	7.0	7.3	5.6	5.4	6.3
CRYSTAL BLUELINKS	7.0	7.3	5.6	5.4	6.3
LUMINARY (A08-TDN2)	7.0	7.3	5.6	5.4	6.3
L-93	6.8	7.2	5.6	5.5	6.3
PURE SELECT (PST-OJD)	7.0	7.3	5.5	5.3	6.3
PENNCROSS	6.5	7.0	5.3	5.2	6.0
PST-R9D7	6.4	6.7	5.1	5.5	5.9
PRINCEVILLE	6.2	6.8	5.2	5.0	5.8
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	6.8	6.5	8.5	8.5	7.5

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

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 AT FOUR LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	AR1	WA3	QE1	MEAN
T-1	7.2	7.5	5.8	5.7	6.6
AUTHORITY	7.2	7.5	5.8	5.6	6.5
BARRACUDA (MVS-AP-101)	7.2	7.5	5.7	5.6	6.5
007	7.1	7.5	5.8	5.5	6.5
SRP-1WM	7.1	7.4	5.7	5.6	6.5
PIN-UP (HTM)	7.1	7.4	5.7	5.6	6.5
CY-2	7.1	7.4	5.7	5.6	6.5
PROCLAMATION (LTP-FEC)	7.1	7.4	5.7	5.5	6.4
DECLARATION	7.1	7.3	5.6	5.6	6.4
MEMORIAL	6.9	7.3	5.7	5.5	6.4
BENCHMARK DSR	7.0	7.3	5.6	5.4	6.3
CRYSTAL BLUELINKS	7.0	7.3	5.6	5.4	6.3
LUMINARY (A08-TDN2)	7.0	7.3	5.6	5.4	6.3
L-93	6.8	7.2	5.6	5.5	6.3
PURE SELECT (PST-OJD)	7.0	7.3	5.5	5.3	6.3
PENNCROSS	6.5	7.0	5.3	5.2	6.0
PRINCEVILLE	6.2	6.8	5.2	5.0	5.8
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	6.8	6.5	8.5	8.7	7.5

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FOUR LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	AR1	WA3	QE1	MEAN
A08-FT12	7.4	7.6	5.9	6.4	6.8
A08-EBM	7.2	7.5	5.9	6.2	6.7
TIGER II	7.2	7.4	5.8	6.3	6.7
GREENTIME	7.3	7.4	5.7	6.3	6.7
BCD	7.2	7.3	5.6	6.2	6.6
PST-R9D7	6.4	6.7	5.1	5.5	5.9
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	6.7	6.5	8.5	7.8	7.3

- */ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF
- 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 AT THREE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
 2009 DATA

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

NAME	VA5	WI1	UT1	MEAN
007	6.3	6.9	6.9	6.7
T-1	6.2	6.9	6.6	6.6
PROCLAMATION (LTP-FEC)	6.1	6.7	6.6	6.5
PURE SELECT (PST-OJD)	6.1	6.5	6.7	6.4
CRYSTAL BLUELINKS	6.1	6.7	6.5	6.4
SRP-1WM	6.1	6.7	6.4	6.4
AUTHORITY	6.1	6.7	6.3	6.4
BARRACUDA (MVS-AP-101)	6.0	6.6	6.4	6.4
CY-2	6.0	6.8	6.2	6.3
PIN-UP (HTM)	6.0	6.7	6.2	6.3
LUMINARY (A08-TDN2)	5.9	6.5	6.3	6.3
MEMORIAL	6.0	6.8	6.0	6.3
BENCHMARK DSR	5.9	6.5	6.3	6.2
L-93	5.8	6.7	5.7	6.0
DECLARATION	5.7	6.5	5.8	6.0
PENNCROSS	5.5	6.5	5.3	5.8
PRINCEVILLE	5.5	6.5	5.2	5.7
A08-EBM	5.1	6.6	3.6	5.1
A08-FT12	4.8	6.4	3.1	4.8
TIGER II	4.7	6.3	2.9	4.6
GREENTIME	4.6	6.2	2.8	4.5
BCD	4.3	6.0	2.4	4.2
PST-R9D7	4.0	5.7	2.3	4.0
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	8.5	7.3	9.0	8.2

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

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 AT THREE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA5	WI1	UT1	MEAN
007	6.3	6.9	6.9	6.7
T-1	6.2	6.9	6.6	6.6
PROCLAMATION (LTP-FEC)	6.1	6.7	6.6	6.5
PURE SELECT (PST-OJD)	6.1	6.5	6.7	6.4
CRYSTAL BLUELINKS	6.1	6.7	6.5	6.4
SRP-1WM	6.1	6.7	6.4	6.4
AUTHORITY	6.1	6.7	6.3	6.4
BARRACUDA (MVS-AP-101)	6.0	6.6	6.4	6.4
CY-2	6.0	6.8	6.2	6.3
PIN-UP (HTM)	6.0	6.7	6.2	6.3
LUMINARY (A08-TDN2)	5.9	6.5	6.3	6.3
MEMORIAL	6.0	6.8	6.0	6.3
BENCHMARK DSR	5.9	6.5	6.3	6.2
L-93	5.8	6.7	5.7	6.0
DECLARATION	5.7	6.5	5.8	6.0
PENNCROSS	5.5	6.5	5.3	5.8
PRINCEVILLE	5.5	6.5	5.2	5.7
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	8.0	7.2	7.7	7.6

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT THREE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	VA5	WI1	UT1	MEAN
A08-EBM	5.1	6.6	3.6	5.1
A08-FT12	4.8	6.4	3.1	4.8
TIGER II	4.7	6.3	2.9	4.6
GREENTIME	4.6	6.2	2.8	4.5
BCD	4.3	6.0	2.4	4.2
PST-R9D7	4.0	5.7	2.3	4.0
LSD VALUE	0.8	0.8	0.8	0.8
C.V. (%)	10.4	7.7	16.8	10.5

- */ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF
- 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 AT ONE LOCATION IN THE U.S. AND CANADA FOR AMMI GROUP 4 */
2009 DATA

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

NAME	RI1
T-1	6.4
BARRACUDA (MVS-AP-101)	6.4
007	6.4
PROCLAMATION (LTP-FEC)	6.3
AUTHORITY	6.3
SRP-1WM	6.3
PURE SELECT (PST-OJD)	6.3
PIN-UP (HTM)	6.2
LUMINARY (A08-TDN2)	6.2
BENCHMARK DSR	6.2
CY-2	6.2
CRYSTAL BLUELINKS	6.2
DECLARATION	6.1
MEMORIAL	5.9
L-93	5.8
A08-FT12	5.7
A08-EBM	5.7
TIGER II	5.6
GREENTIME	5.6
BCD	5.4
PENNCROSS	5.4
PRINCEVILLE	5.2
PST-R9D7	4.8
LSD VALUE	0.8
C.V. (%)	8.1

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

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 AT ONE LOCATION IN THE U.S. AND CANADA FOR AMMI GROUP 4 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	RI1
T-1	6.4
BARRACUDA (MVS-AP-101)	6.4
007	6.4
PROCLAMATION (LTP-FEC)	6.3
AUTHORITY	6.3
SRP-1WM	6.3
PURE SELECT (PST-OJD)	6.3
PIN-UP (HTM)	6.2
LUMINARY (A08-TDN2)	6.2
BENCHMARK DSR	6.2
CY-2	6.2
CRYSTAL BLUELINKS	6.2
DECLARATION	6.1
MEMORIAL	5.9
L-93	5.8
PENNCROSS	5.4
PRINCEVILLE	5.2
LSD VALUE	0.8
C.V. (%)	7.8

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT ONE LOCATION IN THE U.S. AND CANADA FOR AMMI GROUP 4 */
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	RI1
A08-FT12	5.7
A08-EBM	5.7
TIGER II	5.6
GREENTIME	5.6
BCD	5.4
PST-R9D7	4.8
LSD VALUE	0.8
C.V. (%)	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 AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF
- 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 RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT SEVEN LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2010 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	PA1	MA1	NJ1	MD1	VA5	IL1	WA3	MEAN
007	8.3	5.9	6.6	6.8	6.8	6.1	6.6	6.8
AUTHORITY	8.2	5.9	6.6	6.7	6.7	6.0	6.6	6.7
SRP-1WM	8.1	5.9	6.5	6.7	6.7	6.0	6.6	6.6
BARRACUDA (MVS-AP-101)	7.8	6.0	6.5	6.6	6.5	5.9	6.6	6.6
PROCLAMATION (LTP-FEC)	8.0	5.7	6.6	6.5	6.5	5.8	6.5	6.5
PIN-UP (HTM)	7.9	5.7	6.5	6.5	6.4	5.7	6.4	6.4
DECLARATION	8.0	5.6	6.8	6.3	6.3	5.6	6.4	6.4
LUMINARY (A08-TDN2)	7.3	6.0	6.2	6.5	6.2	5.7	6.6	6.4
PURE SELECT (PST-OJD)	7.9	5.5	5.9	6.4	6.4	5.8	6.1	6.3
T-1	7.4	5.9	5.1	6.6	6.5	6.1	6.2	6.2
CY-2	7.2	5.8	5.5	6.5	6.3	5.8	6.2	6.2
MEMORIAL	6.7	5.8	4.6	6.5	6.1	5.9	6.0	6.0
BENCHMARK DSR	6.7	5.4	5.0	6.0	5.8	5.4	5.8	5.7
CRYSTAL BLUELINKS	6.4	5.6	4.7	6.2	5.8	5.6	5.9	5.7
L-93	6.4	5.6	4.5	6.2	5.8	5.6	5.8	5.7
A08-FT12	6.0	5.6	5.7	5.8	5.3	5.0	6.3	5.7
BCD	5.7	5.5	5.3	5.7	5.1	4.9	6.0	5.5
A08-EBM	5.6	5.5	4.7	5.8	5.3	5.1	5.9	5.4
GREENTIME	5.1	5.3	4.6	5.4	4.8	4.6	5.7	5.1
TIGER II	5.3	5.2	4.5	5.4	4.8	4.6	5.6	5.0
PRINCEVILLE	5.2	4.6	2.7	5.3	4.9	4.8	4.6	4.6
PENNCROSS	4.6	4.8	2.3	5.3	4.7	4.8	4.7	4.5
PST-R9D7	4.4	4.3	3.2	4.6	4.1	3.9	4.5	4.1
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	9.4	11.3	12.0	10.3	10.8	11.6	10.5	10.8

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

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

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT SEVEN LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	MA1	NJ1	MD1	VA5	IL1	WA3	MEAN
007	8.3	5.9	6.6	6.8	6.8	6.1	6.6	6.8
AUTHORITY	8.2	5.9	6.6	6.7	6.7	6.0	6.6	6.7
SRP-1WM	8.1	5.9	6.5	6.7	6.7	6.0	6.6	6.6
BARRACUDA (MVS-AP-101)	7.8	6.0	6.5	6.6	6.5	5.9	6.6	6.6
PROCLAMATION (LTP-FEC)	8.0	5.7	6.6	6.5	6.5	5.8	6.5	6.5
PIN-UP (HTM)	7.9	5.7	6.5	6.5	6.4	5.7	6.4	6.4
DECLARATION	8.0	5.6	6.8	6.3	6.3	5.6	6.4	6.4
LUMINARY (A08-TDN2)	7.3	6.0	6.2	6.5	6.2	5.7	6.6	6.4
PURE SELECT (PST-OJD)	7.9	5.5	5.9	6.4	6.4	5.8	6.1	6.3
T-1	7.4	5.9	5.1	6.6	6.5	6.1	6.2	6.2
CY-2	7.2	5.8	5.5	6.5	6.3	5.8	6.2	6.2
MEMORIAL	6.7	5.8	4.6	6.5	6.1	5.9	6.0	6.0
BENCHMARK DSR	6.7	5.4	5.0	6.0	5.8	5.4	5.8	5.7
CRYSTAL BLUELINKS	6.4	5.6	4.7	6.2	5.8	5.6	5.9	5.7
L-93	6.4	5.6	4.5	6.2	5.8	5.6	5.8	5.7
PRINCEVILLE	5.2	4.6	2.7	5.3	4.9	4.8	4.6	4.6
PENNCROSS	4.6	4.8	2.3	5.3	4.7	4.8	4.7	4.5
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	8.7	11.1	11.5	9.9	10.2	11.0	10.3	10.3

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT SEVEN LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	MA1	NJ1	MD1	VA5	IL1	WA3	MEAN
A08-FT12	6.0	5.6	5.7	5.8	5.3	5.0	6.3	5.7
BCD	5.7	5.5	5.3	5.7	5.1	4.9	6.0	5.5
A08-EBM	5.6	5.5	4.7	5.8	5.3	5.1	5.9	5.4
GREENTIME	5.1	5.3	4.6	5.4	4.8	4.6	5.7	5.1
TIGER II	5.3	5.2	4.5	5.4	4.8	4.6	5.6	5.0
PST-R9D7	4.4	4.3	3.2	4.6	4.1	3.9	4.5	4.1
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	11.7	12.0	13.4	11.5	12.8	13.4	11.1	12.2

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

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 RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2010 DATA

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

NAME	KY1	WI1	AR1	UT1	QE1	MEAN
MEMORIAL	7.5	7.2	7.9	5.3	6.6	6.9
T-1	7.4	7.4	7.7	5.3	6.4	6.8
L-93	7.2	6.8	7.5	5.0	6.4	6.6
CRYSTAL BLUELINKS	7.1	6.8	7.4	4.9	6.4	6.5
PENNCROSS	7.1	6.3	7.8	4.9	6.2	6.5
CY-2	7.0	7.0	7.2	4.8	6.3	6.4
LUMINARY (A08-TDN2)	6.8	6.7	6.7	4.5	6.5	6.2
SRP-1WM	6.7	7.1	6.7	4.6	6.0	6.2
007	6.7	7.2	6.7	4.6	6.0	6.2
BARRACUDA (MVS-AP-101)	6.7	6.9	6.7	4.5	6.2	6.2
AUTHORITY	6.6	7.1	6.6	4.5	5.9	6.2
A08-EBM	6.7	6.1	6.8	4.4	6.5	6.1
BENCHMARK DSR	6.6	6.6	6.8	4.5	5.9	6.1
PRINCEVILLE	6.7	6.2	7.3	4.6	5.6	6.1
PURE SELECT (PST-OJD)	6.5	6.9	6.6	4.4	5.6	6.0
PIN-UP (HTM)	6.4	6.7	6.3	4.2	5.8	5.9
PROCLAMATION (LTP-FEC)	6.3	6.7	6.2	4.2	5.7	5.8
BCD	6.3	5.8	6.2	3.9	6.3	5.7
A08-FT12	6.3	5.8	6.1	3.9	6.4	5.7
GREENTIME	6.3	5.5	6.2	3.9	6.3	5.6
TIGER II	6.2	5.6	6.2	3.8	6.1	5.6
DECLARATION	6.0	6.5	5.8	3.8	5.5	5.5
PST-R9D7	5.6	5.0	5.9	3.4	5.3	5.0
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	9.5	9.6	9.3	14.1	10.3	10.3

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

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 RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	WI1	AR1	UT1	QE1	MEAN
MEMORIAL	7.5	7.2	7.9	5.3	6.6	6.9
T-1	7.4	7.4	7.7	5.3	6.4	6.8
L-93	7.2	6.8	7.5	5.0	6.4	6.6
CRYSTAL BLUELINKS	7.1	6.8	7.4	4.9	6.4	6.5
PENNCROSS	7.1	6.3	7.8	4.9	6.2	6.5
CY-2	7.0	7.0	7.2	4.8	6.3	6.4
LUMINARY (A08-TDN2)	6.8	6.7	6.7	4.5	6.5	6.2
SRP-1WM	6.7	7.1	6.7	4.6	6.0	6.2
007	6.7	7.2	6.7	4.6	6.0	6.2
BARRACUDA (MVS-AP-101)	6.7	6.9	6.7	4.5	6.2	6.2
AUTHORITY	6.6	7.1	6.6	4.5	5.9	6.2
BENCHMARK DSR	6.6	6.6	6.8	4.5	5.9	6.1
PRINCEVILLE	6.7	6.2	7.3	4.6	5.6	6.1
PURE SELECT (PST-OJD)	6.5	6.9	6.6	4.4	5.6	6.0
PIN-UP (HTM)	6.4	6.7	6.3	4.2	5.8	5.9
PROCLAMATION (LTP-FEC)	6.3	6.7	6.2	4.2	5.7	5.8
DECLARATION	6.0	6.5	5.8	3.8	5.5	5.5
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	9.3	9.2	9.0	13.5	10.4	10.1

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	WI1	AR1	UT1	QE1	MEAN
A08-EBM	6.7	6.1	6.8	4.4	6.5	6.1
BCD	6.3	5.8	6.2	3.9	6.3	5.7
A08-FT12	6.3	5.8	6.1	3.9	6.4	5.7
GREENTIME	6.3	5.5	6.2	3.9	6.3	5.6
TIGER II	6.2	5.6	6.2	3.8	6.1	5.6
PST-R9D7	5.6	5.0	5.9	3.4	5.3	5.0
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	10.1	11.1	10.1	16.2	10.2	11.2

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

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. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2010 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF		2/ MEAN
	RI1	MN1	
A08-FT12	7.2	7.5	7.3
BCD	6.9	7.2	7.1
GREENTIME	6.8	7.1	7.0
LUMINARY (A08-TDN2)	6.7	7.0	6.8
A08-EBM	6.6	6.9	6.7
TIGER II	6.4	6.6	6.5
BARRACUDA (MVS-AP-101)	6.2	6.5	6.3
CRYSTAL BLUELINKS	5.8	6.2	6.0
CY-2	5.8	6.1	6.0
SRP-1WM	5.7	6.2	5.9
PROCLAMATION (LTP-FEC)	5.7	6.1	5.9
DECLARATION	5.7	6.1	5.9
PIN-UP (HTM)	5.7	6.1	5.9
007	5.7	6.1	5.9
MEMORIAL	5.7	6.1	5.9
AUTHORITY	5.6	6.1	5.9
L-93	5.6	6.0	5.8
T-1	5.4	5.8	5.6
BENCHMARK DSR	5.4	5.7	5.5
PST-R9D7	5.1	5.4	5.3
PURE SELECT (PST-OJD)	5.0	5.5	5.2
PENNCROSS	4.8	5.1	5.0
PRINCEVILLE	4.2	4.5	4.4
LSD VALUE	1.0	1.0	1.0
C.V. (%)	10.8	10.2	10.5

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

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 RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	RI1	MN1	MEAN
LUMINARY (A08-TDN2)	6.7	7.0	6.8
BARRACUDA (MVS-AP-101)	6.2	6.5	6.3
CRYSTAL BLUELINKS	5.8	6.2	6.0
CY-2	5.8	6.1	6.0
SRP-1WM	5.7	6.2	5.9
PROCLAMATION (LTP-FEC)	5.7	6.1	5.9
DECLARATION	5.7	6.1	5.9
PIN-UP (HTM)	5.7	6.1	5.9
007	5.7	6.1	5.9
MEMORIAL	5.7	6.1	5.9
AUTHORITY	5.6	6.1	5.9
L-93	5.6	6.0	5.8
T-1	5.4	5.8	5.6
BENCHMARK DSR	5.4	5.7	5.5
PURE SELECT (PST-OJD)	5.0	5.5	5.2
PENNCROSS	4.8	5.1	5.0
PRINCEVILLE	4.2	4.5	4.4
LSD VALUE	1.0	1.0	1.0
C.V. (%)	11.3	10.5	10.9

TABLE 7C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2010 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	RI1	MN1	MEAN
A08-FT12	7.2	7.5	7.3
BCD	6.9	7.2	7.1
GREENTIME	6.8	7.1	7.0
A08-EBM	6.6	6.9	6.7
TIGER II	6.4	6.6	6.5
PST-R9D7	5.1	5.4	5.3
LSD VALUE	1.0	1.0	1.0
C.V. (%)	9.6	9.3	9.4

- */ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF
- 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. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2011 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	PA1	MD1	VA5	KY1	IL1	MEAN
AUTHORITY	7.5	7.0	7.0	7.2	6.0	6.9
SRP-1WM	7.4	6.9	6.9	7.1	5.9	6.8
007	7.2	6.8	6.9	7.0	5.9	6.8
T-1	7.2	6.9	6.8	7.2	5.8	6.8
LUMINARY (A08-TDN2)	6.9	6.8	7.0	7.1	6.0	6.7
BARRACUDA (MVS-AP-101)	6.8	6.8	6.9	7.1	5.9	6.7
PROCLAMATION (LTP-FEC)	7.3	6.7	6.7	6.8	5.8	6.7
CY-2	6.6	6.6	6.7	6.8	5.7	6.5
CRYSTAL BLUELINKS	6.3	6.6	6.7	6.9	5.7	6.5
BENCHMARK DSR	6.8	6.6	6.5	6.8	5.5	6.4
PIN-UP (HTM)	6.9	6.4	6.6	6.5	5.6	6.4
PURE SELECT (PST-OJD)	7.0	6.4	6.5	6.6	5.6	6.4
L-93	6.1	6.6	6.7	7.0	5.6	6.4
DECLARATION	6.6	6.3	6.5	6.6	5.5	6.3
MEMORIAL	5.6	6.5	6.7	6.9	5.6	6.3
A08-EBM	4.1	5.4	5.9	5.7	4.7	5.2
PENNCROSS	4.2	5.5	5.6	5.9	4.5	5.2
A08-FT12	4.4	5.2	5.8	5.4	4.6	5.1
GREENTIME	3.7	5.3	5.8	5.7	4.6	5.0
PRINCEVILLE	4.0	5.2	5.5	5.6	4.4	4.9
TIGER II	3.8	5.1	5.6	5.4	4.5	4.9
BCD	4.0	4.9	5.5	5.1	4.4	4.8
PST-R9D7	2.5	4.3	4.8	4.7	3.6	4.0
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	10.2	9.7	9.3	9.2	11.2	9.9

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

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

TABLE 8B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	PA1	MD1	VA5	KY1	IL1	MEAN
AUTHORITY	7.5	7.0	7.0	7.2	6.0	6.9
SRP-1WM	7.4	6.9	6.9	7.1	5.9	6.8
007	7.2	6.8	6.9	7.0	5.9	6.8
T-1	7.2	6.9	6.8	7.2	5.8	6.8
LUMINARY (A08-TDN2)	6.9	6.8	7.0	7.1	6.0	6.7
BARRACUDA (MVS-AP-101)	6.8	6.8	6.9	7.1	5.9	6.7
PROCLAMATION (LTP-FEC)	7.3	6.7	6.7	6.8	5.8	6.7
CY-2	6.6	6.6	6.7	6.8	5.7	6.5
CRYSTAL BLUELINKS	6.3	6.6	6.7	6.9	5.7	6.5
BENCHMARK DSR	6.8	6.6	6.5	6.8	5.5	6.4
PIN-UP (HTM)	6.9	6.4	6.6	6.5	5.6	6.4
PURE SELECT (PST-OJD)	7.0	6.4	6.5	6.6	5.6	6.4
L-93	6.1	6.6	6.7	7.0	5.6	6.4
DECLARATION	6.6	6.3	6.5	6.6	5.5	6.3
MEMORIAL	5.6	6.5	6.7	6.9	5.6	6.3
PENNCROSS	4.2	5.5	5.6	5.9	4.5	5.2
PRINCEVILLE	4.0	5.2	5.5	5.6	4.4	4.9
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	9.1	9.1	9.0	8.7	10.6	9.3

TABLE 8C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 1 */
2011 DATA

NAME	PA1	MD1	VA5	KY1	IL1	MEAN
A08-EBM	4.1	5.4	5.9	5.7	4.7	5.2
A08-FT12	4.4	5.2	5.8	5.4	4.6	5.1
GREENTIME	3.7	5.3	5.8	5.7	4.6	5.0
TIGER II	3.8	5.1	5.6	5.4	4.5	4.9
BCD	4.0	4.9	5.5	5.1	4.4	4.8
PST-R9D7	2.5	4.3	4.8	4.7	3.6	4.0
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	15.8	11.8	10.6	11.1	13.5	12.3

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

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. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2011 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					MEAN
	MA1	NJ1	RI1	WI1	WA3	
PIN-UP (HTM)	6.5	7.3	6.4	6.5	5.7	6.5
LUMINARY (A08-TDN2)	6.6	6.6	6.5	6.9	5.9	6.5
007	6.5	6.8	6.2	6.8	5.7	6.4
BARRACUDA (MVS-AP-101)	6.5	6.3	6.4	6.9	5.8	6.4
AUTHORITY	6.4	6.5	6.0	6.9	5.6	6.3
PROCLAMATION (LTP-FEC)	6.4	6.8	6.0	6.6	5.5	6.3
SRP-1WM	6.3	6.4	5.9	6.8	5.5	6.2
DECLARATION	6.2	6.6	6.1	6.4	5.5	6.2
CY-2	6.2	6.1	6.1	6.6	5.6	6.1
PURE SELECT (PST-OJD)	6.2	6.6	5.9	6.4	5.3	6.1
CRYSTAL BLUELINKS	6.1	5.5	6.1	6.7	5.5	6.0
A08-FT12	5.9	6.2	6.7	5.8	5.4	6.0
MEMORIAL	6.1	4.9	6.3	6.7	5.6	5.9
BCD	5.7	6.1	6.7	5.5	5.3	5.9
A08-EBM	5.8	5.2	6.7	5.9	5.4	5.8
L-93	5.9	5.0	5.9	6.6	5.4	5.7
T-1	5.9	5.4	5.4	6.7	5.2	5.7
TIGER II	5.5	5.1	6.5	5.6	5.2	5.6
BENCHMARK DSR	5.8	5.4	5.3	6.4	5.0	5.6
GREENTIME	5.5	4.5	6.4	5.8	5.2	5.5
PRINCEVILLE	4.9	3.7	5.5	5.5	4.6	4.8
PENNCROSS	4.8	3.2	5.2	5.6	4.5	4.7
PST-R9D7	4.4	3.1	5.4	4.8	4.2	4.4
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	10.0	10.5	9.8	9.4	11.1	10.1

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

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. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	RI1	WI1	WA3	MEAN
PIN-UP (HTM)	6.5	7.3	6.4	6.5	5.7	6.5
LUMINARY (A08-TDN2)	6.6	6.6	6.5	6.9	5.9	6.5
007	6.5	6.8	6.2	6.8	5.7	6.4
BARRACUDA (MVS-AP-101)	6.5	6.3	6.4	6.9	5.8	6.4
AUTHORITY	6.4	6.5	6.0	6.9	5.6	6.3
PROCLAMATION (LTP-FEC)	6.4	6.8	6.0	6.6	5.5	6.3
SRP-1WM	6.3	6.4	5.9	6.8	5.5	6.2
DECLARATION	6.2	6.6	6.1	6.4	5.5	6.2
CY-2	6.2	6.1	6.1	6.6	5.6	6.1
PURE SELECT (PST-OJD)	6.2	6.6	5.9	6.4	5.3	6.1
CRYSTAL BLUELINKS	6.1	5.5	6.1	6.7	5.5	6.0
MEMORIAL	6.1	4.9	6.3	6.7	5.6	5.9
L-93	5.9	5.0	5.9	6.6	5.4	5.7
T-1	5.9	5.4	5.4	6.7	5.2	5.7
BENCHMARK DSR	5.8	5.4	5.3	6.4	5.0	5.6
PRINCEVILLE	4.9	3.7	5.5	5.5	4.6	4.8
PENNCROSS	4.8	3.2	5.2	5.6	4.5	4.7
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	9.7	10.2	10.0	9.1	11.0	9.9

TABLE 9C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT FIVE LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 2 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	RI1	WI1	WA3	MEAN
A08-FT12	5.9	6.2	6.7	5.8	5.4	6.0
BCD	5.7	6.1	6.7	5.5	5.3	5.9
A08-EBM	5.8	5.2	6.7	5.9	5.4	5.8
TIGER II	5.5	5.1	6.5	5.6	5.2	5.6
GREENTIME	5.5	4.5	6.4	5.8	5.2	5.5
PST-R9D7	4.4	3.1	5.4	4.8	4.2	4.4
LSD VALUE	0.9	0.9	0.9	0.9	0.9	0.9
C.V. (%)	10.8	11.8	9.2	10.6	11.6	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 AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF

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. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2011 DATA

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

NAME	MN1	AR1	MEAN
MEMORIAL	6.6	6.4	6.5
L-93	6.5	6.1	6.3
CRYSTAL BLUELINKS	6.3	6.1	6.2
T-1	6.5	5.6	6.1
BARRACUDA (MVS-AP-101)	6.1	6.1	6.1
LUMINARY (A08-TDN2)	6.0	6.0	6.0
AUTHORITY	6.1	5.7	5.9
SRP-1WM	6.0	5.6	5.8
CY-2	5.8	5.8	5.8
PENNCROSS	5.9	5.6	5.8
BENCHMARK DSR	6.1	5.4	5.8
Q07	5.7	5.7	5.7
GREENTIME	5.2	6.1	5.6
PROCLAMATION (LTP-FEC)	5.5	5.4	5.4
A08-EBM	4.8	6.0	5.4
PRINCEVILLE	5.3	5.5	5.4
DECLARATION	5.2	5.4	5.3
PURE SELECT (PST-OJD)	5.2	5.2	5.2
PIN-UP (HTM)	4.8	5.4	5.1
TIGER II	4.4	5.7	5.1
PST-R9D7	4.3	5.2	4.8
A08-FT12	4.0	5.5	4.7
BCD	3.6	5.3	4.4
LSD VALUE	0.9	0.9	0.9
C.V. (%)	10.8	10.4	10.6

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

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. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MN1	AR1	MEAN
MEMORIAL	6.6	6.4	6.5
L-93	6.5	6.1	6.3
CRYSTAL BLUELINKS	6.3	6.1	6.2
T-1	6.5	5.6	6.1
BARRACUDA (MVS-AP-101)	6.1	6.1	6.1
LUMINARY (A08-TDN2)	6.0	6.0	6.0
AUTHORITY	6.1	5.7	5.9
SRP-1WM	6.0	5.6	5.8
CY-2	5.8	5.8	5.8
PENNCROSS	5.9	5.6	5.8
BENCHMARK DSR	6.1	5.4	5.8
007	5.7	5.7	5.7
PROCLAMATION (LTP-FEC)	5.5	5.4	5.4
PRINCEVILLE	5.3	5.5	5.4
DECLARATION	5.2	5.4	5.3
PURE SELECT (PST-OJD)	5.2	5.2	5.2
PIN-UP (HTM)	4.8	5.4	5.1
LSD VALUE	0.9	0.9	0.9
C.V. (%)	10.8	10.4	10.6

TABLE 10C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE AT TWO LOCATIONS IN THE U.S. AND CANADA FOR AMMI GROUP 3 */
2011 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MN1	AR1	MEAN
GREENTIME	5.2	6.1	5.6
A08-EBM	4.8	6.0	5.4
TIGER II	4.4	5.7	5.1
PST-R9D7	4.3	5.2	4.8
A08-FT12	4.0	5.5	4.7
BCD	3.6	5.3	4.4
LSD VALUE	0.9	0.9	0.9
C.V. (%)	13.5	10.5	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 AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO WWW.NTEP.OR/AMMI_Q&A.PDF
- 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. 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-0JD)	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

*/ 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 11B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING 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
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 11C. 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.

TABLE 12A. 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 12B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING 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
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 12C. 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.

TABLE 13A. MEAN TURFGRASS QUALITY RATINGS OF 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
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 13B. 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 13C. 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.

TABLE 14A. MEAN TURFGRASS QUALITY RATINGS OF 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
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 14B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING 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
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 14C. 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.

TABLE 15A. MEAN TURFGRASS QUALITY RATINGS OF 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
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 15B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING 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
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 15C. 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.

TABLE 16A. 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
O07	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

*/ 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 16B. 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 16C. 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 17A. 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 17B. 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 17C. 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 18A. 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 18B. 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 18C. 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 19A. 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 19B. 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 19C. 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 20A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER SHADE AT CARBONDALE, IL 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SPRING DENSITY	PERCENT	PERCENT	PERCENT	DOLLAR SPOT	PERCENT	MAR	APR	MAY	JUN	QUALITY RATINGS					MEAN
			COVER SPRING	COVER SUMMER	COVER FALL		ESTABLISH- MENT					JUL	AUG	SEP	OCT	NOV	
DECLARATION	6.0	5.3	75.3	66.7	61.4	7.0	63.7	4.8	6.3	6.1	5.7	6.3	5.9	6.4	6.8	7.3	6.1
CRYSTAL BLUELINKS	5.3	6.3	79.7	56.7	68.1	8.7	70.0	4.6	6.0	6.0	5.6	6.1	5.9	5.9	6.3	6.4	5.9
PENNCROSS	5.0	4.7	80.8	61.7	68.8	7.0	66.0	4.8	6.3	5.7	5.8	6.4	5.8	5.9	5.7	5.7	5.8
AUTHORITY	4.0	7.0	75.3	56.6	65.0	8.0	67.3	4.3	5.5	5.3	5.5	6.2	5.5	5.5	6.0	5.8	5.5
BARRACUDA (MVS-AP-101)	5.3	6.0	74.8	55.4	53.7	7.0	62.0	4.1	5.5	4.9	5.4	5.7	5.4	5.7	5.4	6.1	5.4
PROCLAMATION (LTP-FEC)	4.0	8.0	86.8	55.3	66.9	8.0	66.3	4.4	5.7	5.3	5.4	5.6	5.3	5.5	5.4	5.6	5.4
MEMORIAL	5.3	4.0	69.8	52.7	56.9	6.0	66.3	4.3	5.6	5.1	5.2	5.4	5.2	5.5	5.8	6.4	5.3
L-93	5.3	6.7	83.0	54.9	61.3	7.3	67.7	4.3	5.7	5.0	4.9	5.5	5.1	5.3	5.4	5.1	5.2
PURE SELECT (PST-OJD)	4.0	6.0	85.7	54.2	61.4	5.3	85.7	4.3	5.6	5.2	5.0	5.7	5.0	5.4	5.3	5.9	5.2
A08-FT12	4.7	7.0	77.5	39.8	59.7	6.3	55.0	4.5	5.5	5.0	5.1	5.0	4.7	5.1	5.5	5.6	5.1
T-1	5.0	7.7	76.7	52.3	56.2	8.3	61.0	3.9	5.4	5.3	5.8	5.9	4.9	4.9	5.2	4.7	5.1
CY-2	5.0	6.0	85.8	48.5	54.6	6.0	66.0	4.1	5.7	5.1	4.9	5.2	4.6	4.9	4.9	5.0	5.0
A08-EBM	5.3	5.7	75.0	45.3	49.3	6.0	72.7	4.3	5.4	4.9	4.8	4.9	4.5	4.8	5.4	5.0	4.9
007	4.3	6.0	80.7	46.1	56.2	6.7	68.0	4.1	5.6	4.9	4.7	5.1	4.6	4.5	4.6	4.8	4.8
BCD	6.0	4.7	61.3	39.5	43.4	7.7	62.3	4.1	5.6	5.2	4.6	5.1	4.3	4.5	5.0	5.3	4.8
LUMINARY (A08-TDN2)	5.3	8.0	87.3	44.1	60.6	7.0	71.7	4.5	5.5	4.4	4.7	5.1	4.5	4.9	4.8	4.8	4.8
PST-R9D7	3.7	4.0	61.7	38.5	46.3	9.0	67.3	3.9	4.9	4.7	4.5	4.7	4.5	4.4	4.7	4.9	4.6
BENCHMARK DSR	4.7	6.0	79.0	41.3	49.6	8.3	76.0	3.9	4.9	4.3	4.5	4.9	4.5	4.3	4.6	4.4	4.5
PIN-UP (HTM)	5.0	6.0	68.2	38.8	45.2	6.0	74.0	3.6	4.9	4.7	4.7	5.1	4.1	4.2	4.9	4.8	4.5
PRINCEVILLE	5.7	3.0	65.3	43.7	43.6	5.0	80.0	3.3	4.9	4.4	4.3	4.7	4.7	4.6	4.8	4.9	4.5
TIGER II	4.0	2.0	53.3	29.1	31.6	8.7	90.3	3.3	4.7	4.3	4.0	3.7	3.4	3.4	4.0	4.3	3.8
SRP-1WM	4.7	7.0	82.2	32.1	46.9	8.3	75.7	3.5	4.4	4.0	3.6	4.1	3.4	3.2	3.6	2.8	3.7
GREENTIME	5.0	2.0	32.0	9.0	13.4	8.3	66.3	2.4	3.5	3.0	2.6	2.2	2.1	2.3	2.3	3.1	2.5
LSD VALUE	2.8	1.9	16.1	15.6	19.1	2.6	17.0	0.9	1.0	1.3	1.2	1.2	1.1	1.2	1.2	1.5	0.8
C.V. (%)	20.6	20.9	19.2	47.5	37.4	18.1	12.5	29.4	25.0	32.9	33.3	31.5	33.6	33.9	29.7	30.9	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 20B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER SHADE AT CARBONDALE, IL 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SPRING DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	DOLLAR SPOT	PERCENT ESTABLISH- MENT	QUALITY RATINGS									MEAN
								MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DECLARATION	6.0	5.3	75.3	66.7	61.4	7.0	63.7	4.8	6.3	6.1	5.7	6.3	5.9	6.4	6.8	7.3	6.1
CRYSTAL BLUELINKS	5.3	6.3	79.7	56.7	68.1	8.7	70.0	4.6	6.0	6.0	5.6	6.1	5.9	5.9	6.3	6.4	5.9
PENNCROSS	5.0	4.7	80.8	61.7	68.8	7.0	66.0	4.8	6.3	5.7	5.8	6.4	5.8	5.9	5.7	5.7	5.8
AUTHORITY	4.0	7.0	75.3	56.6	65.0	8.0	67.3	4.3	5.5	5.3	5.5	6.2	5.5	5.5	6.0	5.8	5.5
BARRACUDA (MVS-AP-101)	5.3	6.0	74.8	55.4	53.7	7.0	62.0	4.1	5.5	4.9	5.4	5.7	5.4	5.7	5.4	6.1	5.4
PROCLAMATION (LTP-FEC)	4.0	8.0	86.8	55.3	66.9	8.0	66.3	4.4	5.7	5.3	5.4	5.6	5.3	5.5	5.4	5.6	5.4
MEMORIAL	5.3	4.0	69.8	52.7	56.9	6.0	66.3	4.3	5.6	5.1	5.2	5.4	5.2	5.5	5.8	6.4	5.3
L-93	5.3	6.7	83.0	54.9	61.3	7.3	67.7	4.3	5.7	5.0	4.9	5.5	5.1	5.3	5.4	5.1	5.2
PURE SELECT (PST-OJD)	4.0	6.0	85.7	54.2	61.4	5.3	85.7	4.3	5.6	5.2	5.0	5.7	5.0	5.4	5.3	5.9	5.2
T-1	5.0	7.7	76.7	52.3	56.2	8.3	61.0	3.9	5.4	5.3	5.8	5.9	4.9	4.9	5.2	4.7	5.1
CY-2	5.0	6.0	85.8	48.5	54.6	6.0	66.0	4.1	5.7	5.1	4.9	5.2	4.6	4.9	4.9	5.0	5.0
007	4.3	6.0	80.7	46.1	56.2	6.7	68.0	4.1	5.6	4.9	4.7	5.1	4.6	4.5	4.6	4.8	4.8
LUMINARY (A08-TDN2)	5.3	8.0	87.3	44.1	60.6	7.0	71.7	4.5	5.5	4.4	4.7	5.1	4.5	4.9	4.8	4.8	4.8
BENCHMARK DSR	4.7	6.0	79.0	41.3	49.6	8.3	76.0	3.9	4.9	4.3	4.5	4.9	4.5	4.3	4.6	4.4	4.5
PIN-UP (HTM)	5.0	6.0	68.2	38.8	45.2	6.0	74.0	3.6	4.9	4.7	4.7	5.1	4.1	4.2	4.9	4.8	4.5
PRINCEVILLE	5.7	3.0	65.3	43.7	43.6	5.0	80.0	3.3	4.9	4.4	4.3	4.7	4.7	4.6	4.8	4.9	4.5
SRP-1WM	4.7	7.0	82.2	32.1	46.9	8.3	75.7	3.5	4.4	4.0	3.6	4.1	3.4	3.2	3.6	2.8	3.7
LSD VALUE	2.9	1.3	27.3	19.8	31.3	2.9	21.0	1.0	1.3	1.5	1.3	1.5	1.3	1.2	1.3	1.4	0.8
C.V. (%)	20.8	13.3	18.3	44.8	36.0	19.1	12.7	27.4	25.5	31.8	30.1	30.4	31.7	31.4	28.6	28.3	22.1

TABLE 20C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER SHADE AT CARBONDALE, IL 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SPRING DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	DOLLAR SPOT	PERCENT ESTABLISH- MENT	QUALITY RATINGS									MEAN
								MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
A08-FT12	4.7	7.0	77.5	39.8	59.7	6.3	55.0	4.5	5.5	5.0	5.1	5.0	4.7	5.1	5.5	5.6	5.1
A08-EBM	5.3	5.7	75.0	45.3	49.3	6.0	72.7	4.3	5.4	4.9	4.8	4.9	4.5	4.8	5.4	5.0	4.9
BCD	6.0	4.7	61.3	39.5	43.4	7.7	62.3	4.1	5.6	5.2	4.6	5.1	4.3	4.5	5.0	5.3	4.8
PST-R9D7	3.7	4.0	61.7	38.5	46.3	9.0	67.3	3.9	4.9	4.7	4.5	4.7	4.5	4.4	4.7	4.9	4.6
TIGER II	4.0	2.0	53.3	29.1	31.6	8.7	90.3	3.3	4.7	4.3	4.0	3.7	3.4	3.4	4.0	4.3	3.8
GREENTIME	5.0	2.0	32.0	9.0	13.4	8.3	66.3	2.4	3.5	3.0	2.6	2.2	2.1	2.3	2.3	3.1	2.5
LSD VALUE	2.2	2.3	14.6	12.6	13.3	2.1	14.8	0.9	0.7	1.2	1.4	1.0	1.0	1.1	1.0	1.7	0.8
C.V. (%)	21.5	29.2	21.6	54.3	36.8	14.1	11.5	34.5	21.2	34.3	42.9	33.4	36.8	39.4	28.9	33.1	27.0

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 21A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER LOW INPUT AT FARMINGDALE (BETHPAGE STATE PARK), NY 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
DECLARATION	7.5	7.7	6.5	7.5	7.0	6.9	6.7	7.1	7.4	7.1
PST-R9D7	6.8	7.0	6.7	7.0	7.3	6.9	6.7	7.1	7.0	7.0
007	7.5	7.7	6.5	7.3	7.0	6.8	6.6	6.8	7.1	6.9
PURE SELECT (PST-OJD)	6.7	6.7	6.7	6.8	7.3	6.7	6.7	7.0	6.9	6.9
MEMORIAL	7.0	7.0	6.5	7.0	7.0	6.9	6.6	6.8	6.9	6.8
T-1	8.3	8.0	6.5	7.7	6.7	6.7	6.4	6.7	7.2	6.8
LUMINARY (A08-TDN2)	6.0	6.0	6.7	6.0	7.3	6.6	6.7	7.0	6.7	6.7
PRINCEVILLE	6.5	6.3	6.5	6.7	7.0	6.7	6.7	6.8	6.7	6.7
AUTHORITY	7.5	7.7	6.5	7.3	6.5	6.3	6.2	6.7	6.9	6.6
CY-2	6.3	6.0	6.5	6.3	6.7	6.6	6.4	6.7	6.6	6.6
PROCLAMATION (LTP-FEC)	6.2	6.0	6.5	6.2	6.7	6.6	6.4	6.7	6.6	6.6
BCD	6.0	6.0	6.5	6.0	6.7	6.6	6.3	6.7	6.6	6.5
BENCHMARK DSR	7.2	7.0	6.2	7.0	6.5	6.2	6.1	6.6	6.7	6.5
GREENTIME	6.0	6.0	6.5	6.0	6.7	6.4	6.2	6.7	6.6	6.5
L-93	6.0	6.0	6.5	6.0	6.5	6.2	6.4	6.8	6.4	6.5
PIN-UP (HTM)	6.3	6.0	6.5	6.3	6.5	6.2	6.2	6.7	6.4	6.5
A08-EBM	5.5	5.7	6.5	5.7	6.7	6.2	6.2	6.7	6.3	6.4
A08-FT12	4.5	4.7	6.5	4.7	7.0	6.0	6.6	6.8	6.1	6.4
BARRACUDA (MVS-AP-101)	6.5	6.7	6.3	6.7	6.5	6.1	6.0	6.7	6.2	6.4
SRP-1WM	5.8	6.0	6.5	6.0	6.5	6.0	6.2	6.7	6.3	6.4
CRYSTAL BLUELINKS	6.3	6.0	6.2	6.3	6.5	6.0	6.0	6.6	6.3	6.3
PENNCROSS	6.5	6.7	6.5	6.8	6.5	6.2	5.9	6.3	6.3	6.3
TIGER II	6.3	6.0	6.3	6.3	6.5	6.1	5.9	6.7	6.3	6.3
LSD VALUE	0.5	0.4	1.7	0.5	0.8	0.7	0.7	0.9	0.6	0.4
C.V. (%)	6.8	4.6	8.2	7.9	7.8	9.2	8.7	7.5	8.7	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 21B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER LOW INPUT AT FARMINGDALE (BETHPAGE STATE PARK), NY 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
DECLARATION	7.5	7.7	6.5	7.5	7.0	6.9	6.7	7.1	7.4	7.1
007	7.5	7.7	6.5	7.3	7.0	6.8	6.6	6.8	7.1	6.9
PURE SELECT (PST-OJD)	6.7	6.7	6.7	6.8	7.3	6.7	6.7	7.0	6.9	6.9
MEMORIAL	7.0	7.0	6.5	7.0	7.0	6.9	6.6	6.8	6.9	6.8
T-1	8.3	8.0	6.5	7.7	6.7	6.7	6.4	6.7	7.2	6.8
LUMINARY (A08-TDN2)	6.0	6.0	6.7	6.0	7.3	6.6	6.7	7.0	6.7	6.7
PRINCEVILLE	6.5	6.3	6.5	6.7	7.0	6.7	6.7	6.8	6.7	6.7
AUTHORITY	7.5	7.7	6.5	7.3	6.5	6.3	6.2	6.7	6.9	6.6
CY-2	6.3	6.0	6.5	6.3	6.7	6.6	6.4	6.7	6.6	6.6
PROCLAMATION (LTP-FEC)	6.2	6.0	6.5	6.2	6.7	6.6	6.4	6.7	6.6	6.6
BENCHMARK DSR	7.2	7.0	6.2	7.0	6.5	6.2	6.1	6.6	6.7	6.5
L-93	6.0	6.0	6.5	6.0	6.5	6.2	6.4	6.8	6.4	6.5
PIN-UP (HTM)	6.3	6.0	6.5	6.3	6.5	6.2	6.2	6.7	6.4	6.5
BARRACUDA (MVS-AP-101)	6.5	6.7	6.3	6.7	6.5	6.1	6.0	6.7	6.2	6.4
SRP-1WM	5.8	6.0	6.5	6.0	6.5	6.0	6.2	6.7	6.3	6.4
CRYSTAL BLUELINKS	6.3	6.0	6.2	6.3	6.5	6.0	6.0	6.6	6.3	6.3
PENNCROSS	6.5	6.7	6.5	6.8	6.5	6.2	5.9	6.3	6.3	6.3
LSD VALUE	0.5	0.5	1.5	0.6	0.8	0.5	0.7	0.9	0.5	0.4
C.V. (%)	6.8	4.6	8.2	8.4	8.0	7.4	9.1	7.8	7.6	5.5

TABLE 21C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN
A FAIRWAY OR TEE UNDER LOW INPUT AT FARMINGDALE (BETHPAGE STATE PARK), NY 1/
2009-13 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-R9D7	6.8	7.0	6.7	7.0	7.3	6.9	6.7	7.1	7.0	7.0
BCD	6.0	6.0	6.5	6.0	6.7	6.6	6.3	6.7	6.6	6.5
GREENTIME	6.0	6.0	6.5	6.0	6.7	6.4	6.2	6.7	6.6	6.5
A08-EBM	5.5	5.7	6.5	5.7	6.7	6.2	6.2	6.7	6.3	6.4
A08-FT12	4.5	4.7	6.5	4.7	7.0	6.0	6.6	6.8	6.1	6.4
TIGER II	6.3	6.0	6.3	6.3	6.5	6.1	5.9	6.7	6.3	6.3
LSD VALUE	0.5	0.5	1.1	0.4	0.7	1.1	0.5	0.6	1.0	0.4
C.V. (%)	7.2	5.1	8.5	6.0	7.5	13.4	7.3	7.0	11.7	5.7

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

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

TABLE 22A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2009-13 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	
CRYSTAL BLUELINKS	4.9	83.3	81.7	96.0	4.8	4.3	5.7	5.8	6.4	7.3	6.8	6.0
AUTHORITY	4.2	91.3	83.2	92.7	5.5	5.2	6.8	5.3	5.4	6.8	6.0	5.9
L-93	3.0	88.2	86.5	96.0	4.8	5.8	6.7	6.0	5.6	6.1	5.7	5.9
A08-EBM	5.2	95.8	92.8	96.0	6.2	5.9	6.3	5.9	5.8	5.2	4.9	5.7
LUMINARY (A08-TDN2)	4.6	93.0	76.7	86.3	5.7	6.3	6.9	4.9	5.1	5.6	5.3	5.7
SRP-1WM	4.2	81.7	81.5	96.0	5.0	5.1	5.4	5.0	6.6	6.7	5.7	5.7
DECLARATION	5.0	88.0	81.7	86.7	5.0	5.0	5.8	5.3	5.2	6.1	6.3	5.6
PENNCROSS	3.2	95.8	93.0	99.0	5.3	5.2	5.2	5.8	7.0	5.9	5.0	5.6
MEMORIAL	3.8	88.0	83.0	93.0	5.2	4.8	5.8	5.4	5.8	6.1	5.1	5.5
007	4.0	79.8	80.0	86.3	4.7	4.3	5.0	5.2	5.7	6.1	5.9	5.3
BENCHMARK DSR	4.3	80.0	80.0	86.7	4.8	4.9	6.2	5.3	5.0	5.6	5.1	5.3
CY-2	5.2	83.3	81.3	83.0	5.3	4.6	6.0	4.8	5.0	5.6	5.3	5.2
PIN-UP (HTM)	4.9	83.3	80.0	86.7	4.7	4.8	5.3	5.6	4.8	5.8	5.3	5.2
T-1	3.7	78.2	70.0	89.7	3.8	4.7	5.9	5.7	4.7	5.7	4.7	5.1
PRINCEVILLE	3.4	94.5	92.8	99.0	5.5	4.4	4.2	4.6	5.6	5.8	5.6	5.0
PROCLAMATION (LTP-FEC)	4.4	83.2	70.0	90.0	4.3	4.7	5.3	4.6	4.7	5.3	5.4	5.0
BARRACUDA (MVS-AP-101)	4.7	73.3	70.0	86.3	3.8	4.2	5.1	4.8	5.2	4.9	4.9	4.8
BCD	5.3	93.0	86.5	99.0	6.2	4.1	4.7	4.7	3.7	5.1	5.0	4.7
PURE SELECT (PST-OJD)	3.0	60.0	73.3	93.0	4.0	3.8	3.7	4.0	4.3	5.8	5.9	4.6
TIGER II	3.7	94.5	92.8	99.0	5.0	4.1	4.3	4.6	4.3	4.3	4.4	4.4
GREENTIME	5.0	91.3	93.0	96.0	5.0	3.6	4.1	4.3	3.8	4.3	4.6	4.2
A08-FT12	4.7	91.3	92.8	99.0	5.0	3.8	3.9	4.1	3.3	3.4	4.6	4.0
PST-R9D7	5.6	96.0	91.3	99.0	5.2	3.3	3.9	3.8	2.9	2.9	3.2	3.5
LSD VALUE	1.5	10.1	14.0	18.8	5.8	2.5	2.0	3.5	1.7	1.9	2.1	1.5
C.V. (%)	32.7	10.5	13.4	8.1	40.5	38.5	34.5	37.8	34.0	33.3	31.5	26.2

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

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

TABLE 22B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2009-13 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
CRYSTAL BLUELINKS	4.9	83.3	81.7	96.0	4.8	4.3	5.7	5.8	6.4	7.3	6.8	6.0
AUTHORITY	4.2	91.3	83.2	92.7	5.5	5.2	6.8	5.3	5.4	6.8	6.0	5.9
L-93	3.0	88.2	86.5	96.0	4.8	5.8	6.7	6.0	5.6	6.1	5.7	5.9
LUMINARY (A08-TDN2)	4.6	93.0	76.7	86.3	5.7	6.3	6.9	4.9	5.1	5.6	5.3	5.7
SRP-1WM	4.2	81.7	81.5	96.0	5.0	5.1	5.4	5.0	6.6	6.7	5.7	5.7
DECLARATION	5.0	88.0	81.7	86.7	5.0	5.0	5.8	5.3	5.2	6.1	6.3	5.6
PENNCROSS	3.2	95.8	93.0	99.0	5.3	5.2	5.2	5.8	7.0	5.9	5.0	5.6
MEMORIAL	3.8	88.0	83.0	93.0	5.2	4.8	5.8	5.4	5.8	6.1	5.1	5.5
007	4.0	79.8	80.0	86.3	4.7	4.3	5.0	5.2	5.7	6.1	5.9	5.3
BENCHMARK DSR	4.3	80.0	80.0	86.7	4.8	4.9	6.2	5.3	5.0	5.6	5.1	5.3
CY-2	5.2	83.3	81.3	83.0	5.3	4.6	6.0	4.8	5.0	5.6	5.3	5.2
PIN-UP (HTM)	4.9	83.3	80.0	86.7	4.7	4.8	5.3	5.6	4.8	5.8	5.3	5.2
T-1	3.7	78.2	70.0	89.7	3.8	4.7	5.9	5.7	4.7	5.7	4.7	5.1
PRINCEVILLE	3.4	94.5	92.8	99.0	5.5	4.4	4.2	4.6	5.6	5.8	5.6	5.0
PROCLAMATION (LTP-FEC)	4.4	83.2	70.0	90.0	4.3	4.7	5.3	4.6	4.7	5.3	5.4	5.0
BARRACUDA (MVS-AP-101)	4.7	73.3	70.0	86.3	3.8	4.2	5.1	4.8	5.2	4.9	4.9	4.8
PURE SELECT (PST-OJD)	3.0	60.0	73.3	93.0	4.0	3.8	3.7	4.0	4.3	5.8	5.9	4.6
LSD VALUE	1.3	11.5	18.7	24.8	6.0	3.6	2.5	3.6	2.0	3.7	3.0	2.8
C.V. (%)	29.9	11.8	15.3	9.5	45.6	40.6	34.3	35.8	29.6	32.6	30.1	26.2

TABLE 22C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2009-13 DATA

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

NAME	SPRING GREENUP	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
A08-EBM	5.2	95.8	92.8	96.0	6.2	5.9	6.3	5.9	5.8	5.2	4.9	5.7
BCD	5.3	93.0	86.5	99.0	6.2	4.1	4.7	4.7	3.7	5.1	5.0	4.7
TIGER II	3.7	94.5	92.8	99.0	5.0	4.1	4.3	4.6	4.3	4.3	4.4	4.4
GREENTIME	5.0	91.3	93.0	96.0	5.0	3.6	4.1	4.3	3.8	4.3	4.6	4.2
A08-FT12	4.7	91.3	92.8	99.0	5.0	3.8	3.9	4.1	3.3	3.4	4.6	4.0
PST-R9D7	5.6	96.0	91.3	99.0	5.2	3.3	3.9	3.8	2.9	2.9	3.2	3.5
LSD VALUE	2.4	11.0	10.9	7.6	2.2	1.1	1.7	2.6	2.1	1.5	2.1	1.1
C.V. (%)	37.5	6.7	7.1	3.2	24.8	28.9	35.2	43.9	47.5	34.1	36.9	25.6

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.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	AR1	IL1	KY1	MA1	MD1	MN1	NJ1	PA1	QE1	RI1	VA5	WA3	WI1	MEAN
T-1	8.7	7.7	9.0	8.0	8.0	8.8	7.0	8.7	7.0	8.4	7.0	7.5	8.2	7.8
BENCHMARK DSR	7.6	6.5	9.0	8.0	7.0	7.8	6.0	7.7	6.6	8.5	6.8	6.6	7.8	7.2
LUMINARY (A08-TDN2)	7.1	6.1	7.3	7.0	6.3	6.9	7.3	6.6	6.9	7.8	6.3	6.2	7.6	6.9
CRYSTAL BLUELINKS	7.1	6.3	7.7	7.0	6.0	6.8	5.9	6.3	7.0	7.9	6.9	6.6	7.3	6.8
PURE SELECT (PST-OJD)	7.2	6.1	8.0	7.0	6.0	6.6	6.5	5.9	6.8	6.9	6.8	6.4	7.7	6.7
007	6.9	6.1	7.3	7.0	6.0	6.1	6.3	6.0	7.0	7.3	6.8	6.4	7.3	6.7
PIN-UP (HTM)	6.3	6.1	7.3	7.0	6.0	5.3	6.7	5.7	6.6	7.3	6.8	6.4	7.4	6.5
L-93	7.4	6.2	8.7	6.7	6.0	5.9	5.5	5.9	6.7	6.7	6.6	6.8	7.0	6.5
PROCLAMATION (LTP-FEC)	6.9	6.2	8.3	7.0	5.3	5.4	5.9	5.8	6.6	7.4	6.8	6.4	7.2	6.5
SRP-1WM	7.1	6.3	8.0	7.0	6.3	5.5	6.1	6.9	6.5	6.5	6.3	6.3	7.2	6.4
CY-2	7.3	5.9	8.3	6.7	5.3	5.2	6.1	6.0	6.9	6.8	6.3	6.3	6.9	6.4
MEMORIAL	7.3	6.1	7.7	7.0	5.0	5.4	5.1	5.1	7.0	7.0	6.4	6.2	7.6	6.3
BARRACUDA (MVS-AP-101)	6.9	6.0	8.0	7.3	5.7	5.3	5.9	5.4	6.4	7.2	6.4	6.1	7.2	6.3
DECLARATION	6.7	6.1	8.3	6.7	5.0	5.2	5.3	5.9	7.0	7.3	6.3	6.1	6.8	6.3
AUTHORITY	7.1	6.1	7.7	6.7	5.3	4.7	5.4	5.7	6.6	6.8	6.2	6.1	7.1	6.2
PENNCROSS	7.2	5.6	6.7	6.7	4.3	6.1	3.7	5.2	6.8	6.8	6.6	6.3	7.2	6.1
GREENTIME	7.0	5.1	7.7	6.0	5.0	4.3	4.3	4.3	6.5	6.0	7.5	6.8	6.7	5.9
BCD	7.0	4.7	8.7	6.0	5.7	3.9	4.3	4.4	6.4	6.1	7.0	6.8	6.8	5.8
TIGER II	6.6	5.1	7.3	6.0	4.0	4.0	3.3	4.4	6.4	6.5	7.1	6.6	6.3	5.6
A08-FT12	7.0	4.7	7.7	6.0	5.0	3.3	4.0	4.3	6.6	5.0	7.0	6.1	6.0	5.4
PRINCEVILLE	7.2	5.1	6.7	5.7	4.0	3.3	3.5	4.7	6.6	5.9	5.3	5.8	6.4	5.3
PST-R9D7	6.3	3.8	8.3	5.7	4.0	3.2	2.3	4.2	6.5	6.7	6.9	6.4	6.3	5.2
A08-EBM	6.0	3.7	8.0	6.0	3.0	2.8	3.3	3.4	6.7	5.0	6.7	5.8	5.9	5.0
LSD VALUE	0.9	1.0	1.1	0.5	0.5	1.2	1.6	0.8	0.8	0.6	1.1	0.9	1.0	0.4
C.V. (%)	8.1	10.9	9.0	5.1	6.3	13.9	18.8	9.1	7.6	5.5	10.4	9.1	8.8	10.6

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

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

TABLE 23B.

GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/													MEAN
	AR1	IL1	KY1	MA1	MD1	MN1	NJ1	PA1	QE1	RI1	VA5	WA3	WI1	
T-1	8.7	7.7	9.0	8.0	8.0	8.8	7.0	8.7	7.0	8.4	7.0	7.5	8.2	7.8
BENCHMARK DSR	7.6	6.5	9.0	8.0	7.0	7.8	6.0	7.7	6.6	8.5	6.8	6.6	7.8	7.2
LUMINARY (A08-TDN2)	7.1	6.1	7.3	7.0	6.3	6.9	7.3	6.6	6.9	7.8	6.3	6.2	7.6	6.9
CRYSTAL BLUELINKS	7.1	6.3	7.7	7.0	6.0	6.8	5.9	6.3	7.0	7.9	6.9	6.6	7.3	6.8
PURE SELECT (PST-OJD)	7.2	6.1	8.0	7.0	6.0	6.6	6.5	5.9	6.8	6.9	6.8	6.4	7.7	6.7
007	6.9	6.1	7.3	7.0	6.0	6.1	6.3	6.0	7.0	7.3	6.8	6.4	7.3	6.7
PIN-UP (HTM)	6.3	6.1	7.3	7.0	6.0	5.3	6.7	5.7	6.6	7.3	6.8	6.4	7.4	6.5
L-93	7.4	6.2	8.7	6.7	6.0	5.9	5.5	5.9	6.7	6.7	6.6	6.8	7.0	6.5
PROCLAMATION (LTP-FEC)	6.9	6.2	8.3	7.0	5.3	5.4	5.9	5.8	6.6	7.4	6.8	6.4	7.2	6.5
SRP-1WM	7.1	6.3	8.0	7.0	6.3	5.5	6.1	6.9	6.5	6.5	6.3	6.3	7.2	6.4
CY-2	7.3	5.9	8.3	6.7	5.3	5.2	6.1	6.0	6.9	6.8	6.3	6.3	6.9	6.4
MEMORIAL	7.3	6.1	7.7	7.0	5.0	5.4	5.1	5.1	7.0	7.0	6.4	6.2	7.6	6.3
BARRACUDA (MVS-AP-101)	6.9	6.0	8.0	7.3	5.7	5.3	5.9	5.4	6.4	7.2	6.4	6.1	7.2	6.3
DECLARATION	6.7	6.1	8.3	6.7	5.0	5.2	5.3	5.9	7.0	7.3	6.3	6.1	6.8	6.3
AUTHORITY	7.1	6.1	7.7	6.7	5.3	4.7	5.4	5.7	6.6	6.8	6.2	6.1	7.1	6.2
PENNCROSS	7.2	5.6	6.7	6.7	4.3	6.1	3.7	5.2	6.8	6.8	6.6	6.3	7.2	6.1
PRINCEVILLE	7.2	5.1	6.7	5.7	4.0	3.3	3.5	4.7	6.6	5.9	5.3	5.8	6.4	5.3
LSD VALUE	0.9	0.9	1.2	0.6	0.6	1.3	1.7	0.8	0.8	0.6	1.1	0.9	0.9	0.4
C.V. (%)	8.1	9.5	9.7	5.3	6.4	13.4	18.1	8.3	7.5	5.1	10.3	8.9	8.1	10.2

TABLE 23C.

GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/													MEAN
	AR1	IL1	KY1	MA1	MD1	MN1	NJ1	PA1	QE1	RI1	VA5	WA3	WI1	
GREENTIME	7.0	5.1	7.7	6.0	5.0	4.3	4.3	4.3	6.5	6.0	7.5	6.8	6.7	5.9
BCD	7.0	4.7	8.7	6.0	5.7	3.9	4.3	4.4	6.4	6.1	7.0	6.8	6.8	5.8
TIGER II	6.6	5.1	7.3	6.0	4.0	4.0	3.3	4.4	6.4	6.5	7.1	6.6	6.3	5.6
A08-FT12	7.0	4.7	7.7	6.0	5.0	3.3	4.0	4.3	6.6	5.0	7.0	6.1	6.0	5.4
PST-R9D7	6.3	3.8	8.3	5.7	4.0	3.2	2.3	4.2	6.5	6.7	6.9	6.4	6.3	5.2
A08-EBM	6.0	3.7	8.0	6.0	3.0	2.8	3.3	3.4	6.7	5.0	6.7	5.8	5.9	5.0
LSD VALUE	0.8	1.1	0.8	0.4	0.4	0.9	1.2	0.8	0.8	0.6	1.2	1.0	1.1	0.4
C.V. (%)	7.7	15.1	6.6	4.0	5.3	15.3	21.5	12.7	7.8	6.5	10.4	9.5	10.9	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 24A.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	IL1	MA1	MN1	NJ1	PA1	QE1	RI1	WA3	WI1	MEAN
A08-FT12	6.3	5.9	5.3	6.6	7.3	4.8	6.4	6.1	7.8	6.3
BCD	6.5	6.1	6.3	6.1	7.2	4.8	6.4	6.3	6.6	6.2
TIGER II	6.3	6.3	6.0	4.5	7.7	4.8	5.9	6.3	7.0	6.0
GREENTIME	6.5	5.8	6.3	4.4	7.2	4.9	6.0	6.6	6.4	5.9
DECLARATION	5.5	5.0	7.0	6.9	6.7	4.3	5.8	5.7	6.3	5.8
A08-EBM	5.5	5.5	5.7	5.2	7.7	4.8	6.0	5.6	7.0	5.7
LUMINARY (A08-TDN2)	6.0	4.4	7.3	7.5	6.3	4.0	4.7	5.7	6.5	5.7
PST-R9D7	5.8	5.8	7.0	3.8	7.3	4.8	6.0	6.3	6.7	5.7
CRYSTAL BLUELINKS	5.6	5.5	6.7	4.5	6.5	4.7	6.2	5.6	6.5	5.6
BARRACUDA (MVS-AP-101)	5.5	4.5	7.3	7.0	7.3	3.9	4.2	5.3	6.3	5.6
MEMORIAL	5.9	5.1	6.0	5.1	6.7	3.9	5.2	5.8	6.3	5.4
CY-2	4.6	5.8	8.3	6.7	6.0	4.1	4.1	5.6	6.0	5.4
T-1	6.0	4.0	6.3	4.3	5.7	4.6	5.2	5.8	7.3	5.4
007	5.3	4.8	6.3	5.3	7.2	4.2	4.3	5.8	6.1	5.3
AUTHORITY	4.9	4.2	6.3	6.4	6.3	3.3	4.7	5.9	6.3	5.3
L-93	5.1	5.2	5.7	3.7	7.3	3.5	5.9	5.9	6.7	5.3
PIN-UP (HTM)	5.5	4.2	5.7	6.1	6.7	3.6	4.2	5.6	6.1	5.3
SRP-1WM	4.9	4.3	6.7	6.9	6.5	3.6	3.9	5.3	6.0	5.2
BENCHMARK DSR	5.3	4.0	6.0	5.6	7.3	3.4	4.8	5.8	6.3	5.2
PROCLAMATION (LTP-FEC)	4.9	4.1	5.7	6.3	6.3	3.4	4.1	5.3	6.7	5.2
PURE SELECT (PST-OJD)	5.1	3.2	5.3	5.7	6.0	4.5	4.2	5.3	6.3	5.1
PENNCROSS	4.7	3.8	5.3	3.1	6.3	4.2	5.7	5.6	6.9	5.0
PRINCEVILLE	4.9	4.3	5.7	3.5	6.5	3.5	5.9	5.7	6.0	4.9
LSD VALUE	1.3	1.3	1.3	1.7	1.5	1.6	1.7	0.9	1.9	0.6
C.V. (%)	14.6	16.8	12.9	19.4	14.2	24.3	20.7	10.2	19.0	17.4

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 24B.

SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/									
	IL1	MA1	MN1	NJ1	PA1	QE1	RI1	WA3	WI1	MEAN
DECLARATION	5.5	5.0	7.0	6.9	6.7	4.3	5.8	5.7	6.3	5.8
LUMINARY (A08-TDN2)	6.0	4.4	7.3	7.5	6.3	4.0	4.7	5.7	6.5	5.7
CRYSTAL BLUELINKS	5.6	5.5	6.7	4.5	6.5	4.7	6.2	5.6	6.5	5.6
BARRACUDA (MVS-AP-101)	5.5	4.5	7.3	7.0	7.3	3.9	4.2	5.3	6.3	5.6
MEMORIAL	5.9	5.1	6.0	5.1	6.7	3.9	5.2	5.8	6.3	5.4
CY-2	4.6	5.8	8.3	6.7	6.0	4.1	4.1	5.6	6.0	5.4
T-1	6.0	4.0	6.3	4.3	5.7	4.6	5.2	5.8	7.3	5.4
007	5.3	4.8	6.3	5.3	7.2	4.2	4.3	5.8	6.1	5.3
AUTHORITY	4.9	4.2	6.3	6.4	6.3	3.3	4.7	5.9	6.3	5.3
L-93	5.1	5.2	5.7	3.7	7.3	3.5	5.9	5.9	6.7	5.3
PIN-UP (HTM)	5.5	4.2	5.7	6.1	6.7	3.6	4.2	5.6	6.1	5.3
SRP-1WM	4.9	4.3	6.7	6.9	6.5	3.6	3.9	5.3	6.0	5.2
BENCHMARK DSR	5.3	4.0	6.0	5.6	7.3	3.4	4.8	5.8	6.3	5.2
PROCLAMATION (LTP-FEC)	4.9	4.1	5.7	6.3	6.3	3.4	4.1	5.3	6.7	5.2
PURE SELECT (PST-OJD)	5.1	3.2	5.3	5.7	6.0	4.5	4.2	5.3	6.3	5.1
PENNCROSS	4.7	3.8	5.3	3.1	6.3	4.2	5.7	5.6	6.9	5.0
PRINCEVILLE	4.9	4.3	5.7	3.5	6.5	3.5	5.9	5.7	6.0	4.9
LSD VALUE	1.3	1.3	1.1	1.7	1.7	1.6	1.7	1.0	2.0	0.6
C.V. (%)	15.8	18.6	10.6	19.0	16.3	26.1	22.8	10.7	19.8	18.4

TABLE 24C.

SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/									
	IL1	MA1	MN1	NJ1	PA1	QE1	RI1	WA3	WI1	MEAN
A08-FT12	6.3	5.9	5.3	6.6	7.3	4.8	6.4	6.1	7.8	6.3
BCD	6.5	6.1	6.3	6.1	7.2	4.8	6.4	6.3	6.6	6.2
TIGER II	6.3	6.3	6.0	4.5	7.7	4.8	5.9	6.3	7.0	6.0
GREENTIME	6.5	5.8	6.3	4.4	7.2	4.9	6.0	6.6	6.4	5.9
A08-EBM	5.5	5.5	5.7	5.2	7.7	4.8	6.0	5.6	7.0	5.7
PST-R9D7	5.8	5.8	7.0	3.8	7.3	4.8	6.0	6.3	6.7	5.7
LSD VALUE	1.1	1.2	1.8	1.7	0.7	1.4	1.6	0.9	1.8	0.6
C.V. (%)	11.7	13.2	18.1	20.9	6.8	18.7	16.4	8.8	16.9	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.

TABLE 25A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

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

NAME	AR1	NJ1	QE1	MEAN
PURE SELECT (PST-OJD)	8.2	7.9	7.3	7.8
007	8.3	7.7	6.7	7.7
BARRACUDA (MVS-AP-101)	8.2	7.3	6.9	7.5
LUMINARY (A08-TDN2)	8.0	7.2	6.8	7.4
SRP-1WM	8.1	7.2	6.5	7.3
AUTHORITY	8.3	7.4	6.2	7.3
PIN-UP (HTM)	7.3	7.2	6.8	7.3
PROCLAMATION (LTP-FEC)	8.2	7.1	6.3	7.3
DECLARATION	8.1	6.8	6.7	7.1
CY-2	7.7	6.6	6.8	7.0
T-1	7.9	6.5	7.0	6.9
A08-FT12	7.7	6.1	6.9	6.8
BCD	7.8	6.2	6.8	6.8
BENCHMARK DSR	8.0	6.4	6.3	6.7
A08-EBM	7.4	6.1	6.7	6.6
GREENTIME	7.1	5.7	7.2	6.5
CRYSTAL BLUELINKS	8.2	5.4	6.8	6.4
TIGER II	7.1	5.7	6.6	6.3
PST-R9D7	6.9	4.9	7.2	5.9
L-93	7.8	5.0	6.2	5.8
MEMORIAL	7.3	4.7	6.4	5.7
PRINCEVILLE	7.1	2.7	6.1	4.7
PENNCROSS	6.1	2.5	6.9	4.5
LSD VALUE	0.9	1.4	1.1	0.9
C.V. (%)	7.2	14.5	10.1	11.8

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 25B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	AR1	NJ1	QE1	MEAN
PURE SELECT (PST-0JD)	8.2	7.9	7.3	7.8
007	8.3	7.7	6.7	7.7
BARRACUDA (MVS-AP-101)	8.2	7.3	6.9	7.5
LUMINARY (A08-TDN2)	8.0	7.2	6.8	7.4
SRP-1WM	8.1	7.2	6.5	7.3
AUTHORITY	8.3	7.4	6.2	7.3
PIN-UP (HTM)	7.3	7.2	6.8	7.3
PROCLAMATION (LTP-FEC)	8.2	7.1	6.3	7.3
DECLARATION	8.1	6.8	6.7	7.1
CY-2	7.7	6.6	6.8	7.0
T-1	7.9	6.5	7.0	6.9
BENCHMARK DSR	8.0	6.4	6.3	6.7
CRYSTAL BLUELINKS	8.2	5.4	6.8	6.4
L-93	7.8	5.0	6.2	5.8
MEMORIAL	7.3	4.7	6.4	5.7
PRINCEVILLE	7.1	2.7	6.1	4.7
PENNCROSS	6.1	2.5	6.9	4.5
LSD VALUE	0.8	1.5	1.1	0.9
C.V. (%)	6.7	14.8	9.9	11.9

TABLE 25C. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	AR1	NJ1	QE1	MEAN
A08-FT12	7.7	6.1	6.9	6.8
BCD	7.8	6.2	6.8	6.8
A08-EBM	7.4	6.1	6.7	6.6
GREENTIME	7.1	5.7	7.2	6.5
TIGER II	7.1	5.7	6.6	6.3
PST-R9D7	6.9	4.9	7.2	5.9
LSD VALUE	1.0	1.2	1.2	0.8
C.V. (%)	8.6	15.7	10.6	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 26A. WEAR TOLERANCE RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/ 3/

NAME	MA1
A08-EBM	6.7
CY-2	6.5
MEMORIAL	6.5
T-1	6.5
CRYSTAL BLUELINKS	6.3
LUMINARY (A08-TDN2)	6.3
PST-R9D7	6.3
BENCHMARK DSR	6.3
SRP-1WM	6.3
PENNCROSS	6.2
GREENTIME	6.0
L-93	6.0
PURE SELECT (PST-OJD)	6.0
TIGER II	6.0
007	5.8
PIN-UP (HTM)	5.8
A08-FT12	5.7
AUTHORITY	5.7
BARRACUDA (MVS-AP-101)	5.7
BCD	5.7
PROCLAMATION (LTP-FEC)	5.7
PRINCEVILLE	5.3
DECLARATION	5.3
LSD VALUE	1.3
C.V. (%)	13.5

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

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

3/ WEAR TOLERANCE RATED IN 2009 AND 2013.

TABLE 26B. WEAR TOLERANCE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/ 3/

NAME	MA1
CY-2	6.5
MEMORIAL	6.5
T-1	6.5
CRYSTAL BLUELINKS	6.3
LUMINARY (A08-TDN2)	6.3
BENCHMARK DSR	6.3
SRP-1WM	6.3
PENNCROSS	6.2
L-93	6.0
PURE SELECT (PST-OJD)	6.0
007	5.8
PIN-UP (HTM)	5.8
AUTHORITY	5.7
BARRACUDA (MVS-AP-101)	5.7
PROCLAMATION (LTP-FEC)	5.7
PRINCEVILLE	5.3
DECLARATION	5.3
LSD VALUE	1.4
C.V. (%)	14.7

TABLE 26C. WEAR TOLERANCE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/ 3/

NAME	MA1
A08-EBM	6.7
PST-R9D7	6.3
GREENTIME	6.0
TIGER II	6.0
A08-FT12	5.7
BCD	5.7
LSD VALUE	1.0
C.V. (%)	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.

3/ WEAR TOLERANCE RATED IN 2009 AND 2013.

TABLE 27A. SEEDLING VIGOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	AR1	KY1	PA1	RI1	WA3	MEAN
PRINCEVILLE	7.3	7.7	6.7	7.7	6.3	7.1
PENNCROSS	8.0	6.3	7.0	5.3	7.0	6.7
A08-EBM	7.0	7.0	5.7	6.0	5.7	6.3
CY-2	7.3	6.7	6.0	5.3	5.7	6.2
CRYSTAL BLUELINKS	6.7	7.0	6.0	5.3	5.0	6.0
L-93	7.0	6.7	6.0	4.3	6.0	6.0
PROCLAMATION (LTP-FEC)	7.3	5.3	6.7	6.0	4.7	6.0
T-1	6.7	7.7	6.7	5.0	4.0	6.0
MEMORIAL	7.0	6.7	5.0	4.3	6.7	5.9
AUTHORITY	7.0	6.3	6.0	5.3	5.0	5.9
BARRACUDA (MVS-AP-101)	6.3	6.3	6.3	5.3	5.3	5.9
007	7.3	6.3	5.7	4.3	5.7	5.9
BCD	6.0	5.7	6.0	5.0	5.7	5.7
LUMINARY (A08-TDN2)	7.0	5.7	6.0	5.7	4.0	5.7
BENCHMARK DSR	6.3	7.0	6.3	4.0	4.7	5.7
DECLARATION	6.3	7.0	6.0	4.3	4.7	5.7
TIGER II	6.0	6.0	6.0	4.7	5.0	5.5
A08-FT12	6.0	6.3	5.7	4.0	5.0	5.4
GREENTIME	5.3	6.0	5.0	5.0	4.0	5.1
PURE SELECT (PST-OJD)	6.7	4.0	5.7	5.0	3.7	5.0
SRP-1WM	6.7	4.0	5.0	4.0	3.7	4.7
PIN-UP (HTM)	6.3	3.3	5.0	4.7	4.0	4.7
PST-R9D7	6.0	4.0	5.7	3.3	4.3	4.7
LSD VALUE	1.3	2.0	1.0	1.8	2.0	0.7
C.V. (%)	11.8	20.3	10.2	22.5	25.3	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.

TABLE 27B. SEEDLING VIGOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/						
NAME	AR1	KY1	PA1	RI1	WA3	MEAN
PRINCEVILLE	7.3	7.7	6.7	7.7	6.3	7.1
PENNCROSS	8.0	6.3	7.0	5.3	7.0	6.7
CY-2	7.3	6.7	6.0	5.3	5.7	6.2
CRYSTAL BLUELINKS	6.7	7.0	6.0	5.3	5.0	6.0
L-93	7.0	6.7	6.0	4.3	6.0	6.0
PROCLAMATION (LTP-FEC)	7.3	5.3	6.7	6.0	4.7	6.0
T-1	6.7	7.7	6.7	5.0	4.0	6.0
MEMORIAL	7.0	6.7	5.0	4.3	6.7	5.9
AUTHORITY	7.0	6.3	6.0	5.3	5.0	5.9
BARRACUDA (MVS-AP-101)	6.3	6.3	6.3	5.3	5.3	5.9
007	7.3	6.3	5.7	4.3	5.7	5.9
LUMINARY (A08-TDN2)	7.0	5.7	6.0	5.7	4.0	5.7
BENCHMARK DSR	6.3	7.0	6.3	4.0	4.7	5.7
DECLARATION	6.3	7.0	6.0	4.3	4.7	5.7
PURE SELECT (PST-OJD)	6.7	4.0	5.7	5.0	3.7	5.0
SRP-1WM	6.7	4.0	5.0	4.0	3.7	4.7
PIN-UP (HTM)	6.3	3.3	5.0	4.7	4.0	4.7
LSD VALUE	1.3	2.1	1.0	1.7	2.0	0.7
C.V. (%)	11.7	21.0	10.2	20.9	25.1	17.8

TABLE 27C. SEEDLING VIGOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/						
NAME	AR1	KY1	PA1	RI1	WA3	MEAN
A08-EBM	7.0	7.0	5.7	6.0	5.7	6.3
BCD	6.0	5.7	6.0	5.0	5.7	5.7
TIGER II	6.0	6.0	6.0	4.7	5.0	5.5
A08-FT12	6.0	6.3	5.7	4.0	5.0	5.4
GREENTIME	5.3	6.0	5.0	5.0	4.0	5.1
PST-R9D7	6.0	4.0	5.7	3.3	4.3	4.7
LSD VALUE	1.2	1.7	0.9	2.0	2.1	0.7
C.V. (%)	12.3	18.1	10.2	27.2	26.1	18.9

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

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

TABLE 28A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	MA1	QE1	RI1	WA3	MEAN
A08-FT12	6.3	6.4	7.7	5.0	6.3
MEMORIAL	6.7	5.6	7.7	7.0	6.2
A08-EBM	5.7	6.3	7.3	6.0	6.2
SRP-1WM	7.7	5.5	7.3	6.7	6.1
CRYSTAL BLUELINKS	7.3	5.8	5.7	7.0	6.1
LUMINARY (A08-TDN2)	7.3	5.5	6.7	7.3	6.0
PURE SELECT (PST-OJD)	7.3	5.8	4.7	7.0	6.0
BARRACUDA (MVS-AP-101)	7.7	5.4	6.0	8.0	6.0
CY-2	6.7	5.6	5.7	7.3	6.0
DECLARATION	6.3	5.3	7.7	7.0	6.0
GREENTIME	6.3	6.3	5.7	4.3	5.9
PST-R9D7	6.0	6.3	5.3	4.3	5.9
T-1	7.0	5.8	4.7	5.7	5.8
007	7.0	5.8	4.0	5.3	5.8
TIGER II	5.7	5.8	6.7	4.7	5.6
BCD	6.7	5.3	6.0	5.3	5.4
L-93	6.0	5.1	6.0	5.7	5.3
PROCLAMATION (LTP-FEC)	7.3	4.8	6.3	6.0	5.2
PIN-UP (HTM)	7.0	5.1	3.7	6.3	5.1
BENCHMARK DSR	7.0	4.5	6.3	5.3	4.9
PENNCROSS	6.0	4.8	5.0	5.3	4.8
AUTHORITY	7.0	4.8	3.3	5.3	4.8
PRINCEVILLE	6.0	4.6	5.3	5.7	4.8
LSD VALUE	0.8	1.5	2.8	1.7	1.4
C.V. (%)	7.4	18.4	29.8	17.4	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 28B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	MA1	QE1	RI1	WA3	MEAN
MEMORIAL	6.7	5.6	7.7	7.0	6.2
SRP-1WM	7.7	5.5	7.3	6.7	6.1
CRYSTAL BLUELINKS	7.3	5.8	5.7	7.0	6.1
LUMINARY (A08-TDN2)	7.3	5.5	6.7	7.3	6.0
PURE SELECT (PST-OJD)	7.3	5.8	4.7	7.0	6.0
BARRACUDA (MVS-AP-101)	7.7	5.4	6.0	8.0	6.0
CY-2	6.7	5.6	5.7	7.3	6.0
DECLARATION	6.3	5.3	7.7	7.0	6.0
T-1	7.0	5.8	4.7	5.7	5.8
007	7.0	5.8	4.0	5.3	5.8
L-93	6.0	5.1	6.0	5.7	5.3
PROCLAMATION (LTP-FEC)	7.3	4.8	6.3	6.0	5.2
PIN-UP (HTM)	7.0	5.1	3.7	6.3	5.1
BENCHMARK DSR	7.0	4.5	6.3	5.3	4.9
PENNCROSS	6.0	4.8	5.0	5.3	4.8
AUTHORITY	7.0	4.8	3.3	5.3	4.8
PRINCEVILLE	6.0	4.6	5.3	5.7	4.8
LSD VALUE	0.8	1.5	2.5	1.9	1.5
C.V. (%)	7.0	18.9	27.9	18.2	21.3

TABLE 28C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	MA1	QE1	RI1	WA3	MEAN
A08-FT12	6.3	6.4	7.7	5.0	6.3
A08-EBM	5.7	6.3	7.3	6.0	6.2
GREENTIME	6.3	6.3	5.7	4.3	5.9
PST-R9D7	6.0	6.3	5.3	4.3	5.9
TIGER II	5.7	5.8	6.7	4.7	5.6
BCD	6.7	5.3	6.0	5.3	5.4
LSD VALUE	0.8	1.5	3.5	1.0	1.3
C.V. (%)	8.6	15.9	33.3	12.6	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.

TABLE 29A. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	QE1	RI1	WA3	MEAN
A08-EBM	8.7	6.3	8.0	9.0	7.1
A08-FT12	8.7	6.2	7.3	9.0	6.9
PST-R9D7	8.3	5.8	8.0	8.3	6.9
LUMINARY (A08-TDN2)	5.7	6.3	5.7	9.0	6.5
SRP-1WM	6.3	5.7	8.7	8.0	6.5
DECLARATION	7.7	5.3	7.3	8.3	6.3
MEMORIAL	4.7	5.6	7.0	9.0	6.3
PURE SELECT (PST-OJD)	5.7	6.3	1.7	9.0	6.1
BARRACUDA (MVS-AP-101)	7.0	5.3	6.7	8.7	6.1
GREENTIME	9.0	5.6	2.3	8.7	6.1
TIGER II	8.3	4.9	6.3	9.0	6.0
007	3.7	5.8	3.0	8.3	5.7
CY-2	5.0	5.2	4.3	9.0	5.7
PROCLAMATION (LTP-FEC)	7.0	5.2	6.3	8.3	5.7
CRYSTAL BLUELINKS	4.0	5.2	7.0	8.7	5.7
BCD	9.0	5.3	1.0	9.0	5.5
T-1	5.0	5.5	2.3	8.3	5.5
AUTHORITY	5.7	5.2	3.7	8.3	5.5
L-93	4.0	5.1	5.0	8.7	5.3
PRINCEVILLE	4.7	5.3	2.3	9.0	5.3
PIN-UP (HTM)	5.3	4.7	4.3	8.3	5.0
BENCHMARK DSR	6.7	4.3	3.3	8.0	4.8
PENNCROSS	3.0	4.6	1.0	9.0	4.3
LSD VALUE	2.6	1.6	2.6	0.8	1.5
C.V. (%)	26.3	19.3	32.7	5.7	20.8

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 29B. SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	KY1	QE1	RI1	WA3	MEAN
LUMINARY (A08-TDN2)	5.7	6.3	5.7	9.0	6.5
SRP-1WM	6.3	5.7	8.7	8.0	6.5
DECLARATION	7.7	5.3	7.3	8.3	6.3
MEMORIAL	4.7	5.6	7.0	9.0	6.3
PURE SELECT (PST-OJD)	5.7	6.3	1.7	9.0	6.1
BARRACUDA (MVS-AP-101)	7.0	5.3	6.7	8.7	6.1
007	3.7	5.8	3.0	8.3	5.7
CY-2	5.0	5.2	4.3	9.0	5.7
PROCLAMATION (LTP-FEC)	7.0	5.2	6.3	8.3	5.7
CRYSTAL BLUELINKS	4.0	5.2	7.0	8.7	5.7
T-1	5.0	5.5	2.3	8.3	5.5
AUTHORITY	5.7	5.2	3.7	8.3	5.5
L-93	4.0	5.1	5.0	8.7	5.3
PRINCEVILLE	4.7	5.3	2.3	9.0	5.3
PIN-UP (HTM)	5.3	4.7	4.3	8.3	5.0
BENCHMARK DSR	6.7	4.3	3.3	8.0	4.8
PENNCROSS	3.0	4.6	1.0	9.0	4.3
LSD VALUE	3.0	1.7	2.6	0.9	1.6
C.V. (%)	34.9	20.2	35.1	6.3	22.6

TABLE 29C. SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	KY1	QE1	RI1	WA3	MEAN
A08-EBM	8.7	6.3	8.0	9.0	7.1
A08-FT12	8.7	6.2	7.3	9.0	6.9
PST-R9D7	8.3	5.8	8.0	8.3	6.9
GREENTIME	9.0	5.6	2.3	8.7	6.1
TIGER II	8.3	4.9	6.3	9.0	6.0
BCD	9.0	5.3	1.0	9.0	5.5
LSD VALUE	1.0	1.5	2.4	0.5	1.3
C.V. (%)	7.2	16.6	26.8	3.8	15.9

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

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

TABLE 30A. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	NJ1	QE1	RI1	MEAN
PURE SELECT (PST-OJD)	8.0	6.0	4.7	7.2
007	7.6	5.9	6.3	7.0
LUMINARY (A08-TDN2)	7.6	5.9	6.0	6.9
DECLARATION	7.4	5.3	6.3	6.8
PIN-UP (HTM)	7.7	4.8	6.7	6.7
SRP-1WM	7.3	5.3	6.3	6.7
PROCLAMATION (LTP-FEC)	7.5	5.0	7.0	6.7
AUTHORITY	7.2	5.3	7.0	6.6
BARRACUDA (MVS-AP-101)	7.3	5.1	6.0	6.6
A08-FT12	6.4	5.8	5.0	6.3
T-1	6.5	5.8	5.0	6.2
CY-2	6.5	5.3	5.7	6.1
A08-EBM	5.7	6.1	6.0	6.0
GREENTIME	5.7	5.5	5.0	5.9
CRYSTAL BLUELINKS	5.6	5.5	6.0	5.7
BENCHMARK DSR	6.5	4.3	5.0	5.7
BCD	5.7	4.9	4.0	5.6
L-93	5.2	5.3	3.7	5.2
MEMORIAL	4.5	5.8	5.3	5.1
TIGER II	4.7	5.0	6.0	5.1
PST-R9D7	4.1	5.5	5.7	4.9
PRINCEVILLE	2.7	5.1	4.0	3.6
PENNCROSS	2.7	4.2	4.7	3.2
LSD VALUE	1.4	1.5	0.8	1.1
C.V. (%)	14.7	18.7	9.5	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.

TABLE 30B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	NJ1	QE1	RI1	MEAN
PURE SELECT (PST-OJD)	8.0	6.0	4.7	7.2
007	7.6	5.9	6.3	7.0
LUMINARY (A08-TDN2)	7.6	5.9	6.0	6.9
DECLARATION	7.4	5.3	6.3	6.8
PIN-UP (HTM)	7.7	4.8	6.7	6.7
SRP-1WM	7.3	5.3	6.3	6.7
PROCLAMATION (LTP-FEC)	7.5	5.0	7.0	6.7
AUTHORITY	7.2	5.3	7.0	6.6
BARRACUDA (MVS-AP-101)	7.3	5.1	6.0	6.6
T-1	6.5	5.8	5.0	6.2
CY-2	6.5	5.3	5.7	6.1
CRYSTAL BLUELINKS	5.6	5.5	6.0	5.7
BENCHMARK DSR	6.5	4.3	5.0	5.7
L-93	5.2	5.3	3.7	5.2
MEMORIAL	4.5	5.8	5.3	5.1
PRINCEVILLE	2.7	5.1	4.0	3.6
PENNCROSS	2.7	4.2	4.7	3.2
LSD VALUE	1.4	1.6	1.0	1.1
C.V. (%)	14.2	19.3	10.6	15.4

TABLE 30C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	NJ1	QE1	RI1	MEAN
A08-FT12	6.4	5.8	5.0	6.3
A08-EBM	5.7	6.1	6.0	6.0
GREENTIME	5.7	5.5	5.0	5.9
BCD	5.7	4.9	4.0	5.6
TIGER II	4.7	5.0	6.0	5.1
PST-R9D7	4.1	5.5	5.7	4.9
LSD VALUE	1.3	1.4	0.4	1.0
C.V. (%)	18.3	16.5	4.5	15.3

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 31A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	KY1
AUTHORITY	99.0
L-93	99.0
MEMORIAL	99.0
PRINCEVILLE	99.0
DECLARATION	98.7
BENCHMARK DSR	97.7
A08-EBM	97.3
CY-2	96.7
SRP-1WM	96.7
GREENTIME	96.0
PROCLAMATION (LTP-FEC)	95.7
007	94.3
A08-FT12	94.3
BCD	94.3
CRYSTAL BLUELINKS	92.7
PURE SELECT (PST-OJD)	92.7
TIGER II	92.7
PIN-UP (HTM)	92.0
PST-R9D7	90.3
LUMINARY (A08-TDN2)	88.0
T-1	88.0
BARRACUDA (MVS-AP-101)	86.3
PENNCROSS	83.0
LSD VALUE	13.8
C.V. (%)	9.1

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

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

TABLE 31B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	KY1
AUTHORITY	99.0
L-93	99.0
MEMORIAL	99.0
PRINCEVILLE	99.0
DECLARATION	98.7
BENCHMARK DSR	97.7
CY-2	96.7
SRP-1WM	96.7
PROCLAMATION (LTP-FEC)	95.7
007	94.3
CRYSTAL BLUELINKS	92.7
PURE SELECT (PST-OJD)	92.7
PIN-UP (HTM)	92.0
LUMINARY (A08-TDN2)	88.0
T-1	88.0
BARRACUDA (MVS-AP-101)	86.3
PENNCROSS	83.0
LSD VALUE	14.2
C.V. (%)	9.4

TABLE 31C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	KY1
A08-EBM	97.3
GREENTIME	96.0
A08-FT12	94.3
BCD	94.3
TIGER II	92.7
PST-R9D7	90.3
LSD VALUE	12.7
C.V. (%)	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 32A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
TIGER II	97.0
A08-FT12	96.8
GREENTIME	95.8
PIN-UP (HTM)	95.2
PST-R9D7	94.8
A08-EBM	94.7
SRP-1WM	94.3
CY-2	94.2
L-93	94.2
007	91.8
AUTHORITY	91.8
CRYSTAL BLUELINKS	91.7
BARRACUDA (MVS-AP-101)	91.0
MEMORIAL	91.0
LUMINARY (A08-TDN2)	90.8
T-1	90.8
DECLARATION	90.7
PURE SELECT (PST-OJD)	89.5
PENNCROSS	88.2
BCD	88.0
PRINCEVILLE	87.8
PROCLAMATION (LTP-FEC)	87.0
BENCHMARK DSR	82.2
LSD VALUE	9.3
C.V. (%)	6.5

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 32B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
PIN-UP (HTM)	95.2
SRP-1WM	94.3
CY-2	94.2
L-93	94.2
007	91.8
AUTHORITY	91.8
CRYSTAL BLUELINKS	91.7
BARRACUDA (MVS-AP-101)	91.0
MEMORIAL	91.0
LUMINARY (A08-TDN2)	90.8
T-1	90.8
DECLARATION	90.7
PURE SELECT (PST-OJD)	89.5
PENNCROSS	88.2
PRINCEVILLE	87.8
PROCLAMATION (LTP-FEC)	87.0
BENCHMARK DSR	82.2
LSD VALUE	9.4
C.V. (%)	6.9

TABLE 32C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	RI1
TIGER II	97.0
A08-FT12	96.8
GREENTIME	95.8
PST-R9D7	94.8
A08-EBM	94.7
BCD	88.0
LSD VALUE	7.3
C.V. (%)	4.8

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 33A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	RI1	MEAN
CRYSTAL BLUELINKS	90.0	87.3	88.7
BENCHMARK DSR	93.0	83.0	88.0
AUTHORITY	89.7	86.0	87.8
BARRACUDA (MVS-AP-101)	93.0	82.7	87.8
PROCLAMATION (LTP-FEC)	86.7	88.3	87.5
DECLARATION	86.7	87.3	87.0
TIGER II	86.7	86.7	86.7
PURE SELECT (PST-OJD)	90.0	83.0	86.5
CY-2	96.0	76.0	86.0
MEMORIAL	83.3	88.7	86.0
PRINCEVILLE	80.0	86.0	83.0
L-93	86.3	79.3	82.8
PIN-UP (HTM)	83.3	81.0	82.2
T-1	86.7	76.3	81.5
SRP-1WM	83.3	79.0	81.2
007	90.0	68.0	79.0
LUMINARY (A08-TDN2)	80.0	75.3	77.7
GREENTIME	70.0	82.7	76.3
PST-R9D7	63.3	84.3	73.8
A08-FT12	60.0	87.0	73.5
PENNCROSS	63.3	83.3	73.3
BCD	53.3	82.0	67.7
A08-EBM	43.3	85.7	64.5
LSD VALUE	14.1	15.8	14.9
C.V. (%)	10.9	11.9	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 33B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	RI1	MEAN
CRYSTAL BLUELINKS	90.0	87.3	88.7
BENCHMARK DSR	93.0	83.0	88.0
AUTHORITY	89.7	86.0	87.8
BARRACUDA (MVS-AP-101)	93.0	82.7	87.8
PROCLAMATION (LTP-FEC)	86.7	88.3	87.5
DECLARATION	86.7	87.3	87.0
PURE SELECT (PST-OJD)	90.0	83.0	86.5
CY-2	96.0	76.0	86.0
MEMORIAL	83.3	88.7	86.0
PRINCEVILLE	80.0	86.0	83.0
L-93	86.3	79.3	82.8
PIN-UP (HTM)	83.3	81.0	82.2
T-1	86.7	76.3	81.5
SRP-1WM	83.3	79.0	81.2
007	90.0	68.0	79.0
LUMINARY (A08-TDN2)	80.0	75.3	77.7
PENNCROSS	63.3	83.3	73.3
LSD VALUE	11.2	17.0	14.1
C.V. (%)	8.1	12.9	10.5

TABLE 33C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	RI1	MEAN
TIGER II	86.7	86.7	86.7
GREENTIME	70.0	82.7	76.3
PST-R9D7	63.3	84.3	73.8
A08-FT12	60.0	87.0	73.5
BCD	53.3	82.0	67.7
A08-EBM	43.3	85.7	64.5
LSD VALUE	20.1	11.6	15.9
C.V. (%)	19.9	8.5	14.2

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 34A. FROST TOLERANCE RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	WA3
AUTHORITY	6.5
CY-2	6.5
PURE SELECT (PST-OJD)	6.5
BARRACUDA (MVS-AP-101)	6.3
SRP-1WM	6.3
007	6.0
BCD	6.0
DECLARATION	6.0
PIN-UP (HTM)	6.0
BENCHMARK DSR	5.8
TIGER II	5.8
CRYSTAL BLUELINKS	5.8
PROCLAMATION (LTP-FEC)	5.7
GREENTIME	5.7
MEMORIAL	5.7
PST-R9D7	5.7
A08-FT12	5.5
LUMINARY (A08-TDN2)	5.5
T-1	5.5
L-93	5.3
A08-EBM	5.2
PRINCEVILLE	5.0
PENNCROSS	4.5
LSD VALUE	0.8
C.V. (%)	9.0

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

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

3/ FROST TOLERANCE RATED IN 2009-10.

TABLE 34B. FROST TOLERANCE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	WA3
AUTHORITY	6.5
CY-2	6.5
PURE SELECT (PST-OJD)	6.5
BARRACUDA (MVS-AP-101)	6.3
SRP-1WM	6.3
007	6.0
DECLARATION	6.0
PIN-UP (HTM)	6.0
BENCHMARK DSR	5.8
CRYSTAL BLUELINKS	5.8
PROCLAMATION (LTP-FEC)	5.7
MEMORIAL	5.7
LUMINARY (A08-TDN2)	5.5
T-1	5.5
L-93	5.3
PRINCEVILLE	5.0
PENNCROSS	4.5
LSD VALUE	0.9
C.V. (%)	9.2

TABLE 34C. FROST TOLERANCE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	WA3
BCD	6.0
TIGER II	5.8
GREENTIME	5.7
PST-R9D7	5.7
A08-FT12	5.5
A08-EBM	5.2
LSD VALUE	0.8
C.V. (%)	8.5

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.

3/ FROST TOLERANCE RATED IN 2009-10.

TABLE 35A. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	NJ1	PA1	VA5	WA3	MEAN
PST-R9D7	6.2	2.7	3.3	3.3	6.2	5.6
TIGER II	6.2	2.7	2.7	5.7	5.5	5.6
GREENTIME	5.9	3.0	3.3	5.3	5.2	5.3
CY-2	5.3	8.7	4.0	4.7	5.2	5.2
A08-FT12	5.9	3.3	2.3	5.0	4.5	5.2
CRYSTAL BLUELINKS	5.5	5.3	3.0	4.0	4.8	5.1
BARRACUDA (MVS-AP-101)	5.1	7.0	3.7	5.3	4.5	5.0
A08-EBM	5.4	3.3	3.0	5.7	4.8	5.0
AUTHORITY	4.9	7.7	3.7	4.7	5.0	4.9
BCD	5.6	3.3	2.3	5.0	4.5	4.9
PURE SELECT (PST-OJD)	4.9	7.7	3.7	4.3	5.0	4.9
007	5.0	6.7	4.0	5.0	4.2	4.9
DECLARATION	5.1	5.7	4.3	4.0	4.5	4.9
LUMINARY (A08-TDN2)	4.7	8.0	3.7	4.7	4.3	4.8
T-1	5.1	5.0	2.7	3.7	4.7	4.8
L-93	5.1	4.7	3.3	4.3	4.5	4.8
MEMORIAL	4.9	5.0	3.0	5.0	4.7	4.7
PIN-UP (HTM)	4.9	7.7	3.3	4.3	4.0	4.7
BENCHMARK DSR	5.0	6.0	3.3	4.0	4.0	4.6
PRINCEVILLE	4.8	4.7	2.7	4.0	5.0	4.6
PROCLAMATION (LTP-FEC)	4.8	7.0	3.0	5.0	4.0	4.6
SRP-1WM	4.3	8.0	3.3	4.0	4.0	4.3
PENNCROSS	4.7	4.3	3.0	3.3	4.2	4.3
LSD VALUE	1.0	1.5	1.0	0.9	0.8	0.7
C.V. (%)	11.9	16.8	19.6	12.4	11.1	12.0

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

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

TABLE 35B. WINTER COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	NJ1	PA1	VA5	WA3	MEAN
CY-2	5.3	8.7	4.0	4.7	5.2	5.2
CRYSTAL BLUELINKS	5.5	5.3	3.0	4.0	4.8	5.1
BARRACUDA (MVS-AP-101)	5.1	7.0	3.7	5.3	4.5	5.0
AUTHORITY	4.9	7.7	3.7	4.7	5.0	4.9
PURE SELECT (PST-OJD) 007	4.9	7.7	3.7	4.3	5.0	4.9
DECLARATION	5.0	6.7	4.0	5.0	4.2	4.9
LUMINARY (A08-TDN2)	5.1	5.7	4.3	4.0	4.5	4.9
T-1	4.7	8.0	3.7	4.7	4.3	4.8
L-93	5.1	5.0	2.7	3.7	4.7	4.8
MEMORIAL	5.1	4.7	3.3	4.3	4.5	4.8
PIN-UP (HTM)	4.9	5.0	3.0	5.0	4.7	4.7
BENCHMARK DSR	4.9	7.7	3.3	4.3	4.0	4.7
PRINCEVILLE	5.0	6.0	3.3	4.0	4.0	4.6
PROCLAMATION (LTP-FEC)	4.8	4.7	2.7	4.0	5.0	4.6
SRP-1WM	4.8	7.0	3.0	5.0	4.0	4.6
PENNCROSS	4.3	8.0	3.3	4.0	4.0	4.3
	4.7	4.3	3.0	3.3	4.2	4.3
LSD VALUE	1.0	1.6	1.1	0.9	0.9	0.8
C.V. (%)	13.0	15.7	19.8	12.4	11.9	12.7

TABLE 35C. WINTER COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	NJ1	PA1	VA5	WA3	MEAN
PST-R9D7	6.2	2.7	3.3	3.3	6.2	5.6
TIGER II	6.2	2.7	2.7	5.7	5.5	5.6
GREENTIME	5.9	3.0	3.3	5.3	5.2	5.3
A08-FT12	5.9	3.3	2.3	5.0	4.5	5.2
A08-EBM	5.4	3.3	3.0	5.7	4.8	5.0
BCD	5.6	3.3	2.3	5.0	4.5	4.9
LSD VALUE	0.8	1.1	0.8	1.0	0.8	0.6
C.V. (%)	8.9	21.8	18.6	12.5	9.1	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 36A. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2013 ONLY.

TABLE 36B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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 36C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2013 ONLY.

TABLE 37A. THATCH MEASUREMENTS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

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.

3/ THATCH MEASURED IN 2013 ONLY.

TABLE 37B. THATCH MEASUREMENTS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

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 37C. THATCH MEASUREMENTS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

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.

3/ THATCH MEASURED IN 2013 ONLY.

TABLE 38A. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	AR1	WA3	MEAN
CY-2	9.0	8.0	8.5
007	9.0	7.7	8.3
DECLARATION	9.0	7.7	8.3
MEMORIAL	9.0	7.7	8.3
PURE SELECT (PST-OJD)	9.0	7.7	8.3
AUTHORITY	9.0	7.3	8.2
BARRACUDA (MVS-AP-101)	9.0	7.3	8.2
LUMINARY (A08-TDN2)	9.0	7.3	8.2
PENNCROSS	9.0	7.3	8.2
L-93	9.0	7.0	8.0
SRP-1WM	9.0	7.0	8.0
BENCHMARK DSR	9.0	6.7	7.8
CRYSTAL BLUELINKS	9.0	6.7	7.8
PROCLAMATION (LTP-FEC)	9.0	6.7	7.8
BCD	8.0	7.3	7.7
PRINCEVILLE	9.0	6.3	7.7
T-1	9.0	6.3	7.7
A08-FT12	6.7	7.7	7.2
A08-EBM	5.3	7.7	6.5
TIGER II	5.7	7.0	6.3
GREENTIME	4.7	7.0	5.8
PIN-UP (HTM)	4.3	6.7	5.5
PST-R9D7	4.3	6.0	5.2
LSD VALUE	1.7	1.2	1.5
C.V. (%)	13.6	10.8	12.2

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

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

3/ MICRODOCHIUM PATCH RATED AT "AR1" IN 2010 AND AT "WA3" IN 2009.

TABLE 38B. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	AR1	WA3	MEAN
CY-2	9.0	8.0	8.5
007	9.0	7.7	8.3
DECLARATION	9.0	7.7	8.3
MEMORIAL	9.0	7.7	8.3
PURE SELECT (PST-OJD)	9.0	7.7	8.3
AUTHORITY	9.0	7.3	8.2
BARRACUDA (MVS-AP-101)	9.0	7.3	8.2
LUMINARY (A08-TDN2)	9.0	7.3	8.2
PENNCROSS	9.0	7.3	8.2
L-93	9.0	7.0	8.0
SRP-1WM	9.0	7.0	8.0
BENCHMARK DSR	9.0	6.7	7.8
CRYSTAL BLUELINKS	9.0	6.7	7.8
PROCLAMATION (LTP-FEC)	9.0	6.7	7.8
PRINCEVILLE	9.0	6.3	7.7
T-1	9.0	6.3	7.7
PIN-UP (HTM)	4.3	6.7	5.5
LSD VALUE	1.6	1.2	1.4
C.V. (%)	11.2	10.6	10.9

TABLE 38C. MICRODOCHIUM PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	AR1	WA3	MEAN
BCD	8.0	7.3	7.7
A08-FT12	6.7	7.7	7.2
A08-EBM	5.3	7.7	6.5
TIGER II	5.7	7.0	6.3
GREENTIME	4.7	7.0	5.8
PST-R9D7	4.3	6.0	5.2
LSD VALUE	2.1	1.3	1.7
C.V. (%)	23.1	11.5	17.3

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.

3/ MICRODOCHIUM PATCH RATED AT "AR1" IN 2010 AND AT "WA3" IN 2009.

TABLE 39A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	MD1	MN1	NJ1	PA1	RI1	WA3	MEAN
DECLARATION	8.1	7.7	8.0	9.0	4.3	7.3	7.4
A08-EBM	8.1	5.7	9.0	8.7	6.8	5.3	7.2
SRP-1WM	8.2	6.7	8.7	8.5	4.7	6.7	7.2
A08-FT12	7.8	5.7	9.0	8.7	6.0	6.0	7.1
TIGER II	7.8	4.7	9.0	8.8	6.5	5.3	7.0
BENCHMARK DSR	7.7	6.0	8.3	8.8	3.0	7.0	6.9
BARRACUDA (MVS-AP-101)	7.3	6.7	7.7	8.5	3.7	7.3	6.9
PST-R9D7	8.2	4.7	8.0	8.5	6.0	4.7	6.8
PROCLAMATION (LTP-FEC)	7.2	6.0	6.3	9.0	4.8	7.0	6.7
007	7.2	6.7	7.7	8.3	3.0	7.0	6.6
GREENTIME	8.0	5.0	8.7	8.5	4.0	4.3	6.5
MEMORIAL	8.1	5.0	8.0	8.0	2.8	6.0	6.5
LUMINARY (A08-TDN2)	6.9	6.3	7.0	8.2	4.5	6.0	6.4
BCD	8.2	2.0	8.7	8.3	4.0	4.7	6.2
CY-2	6.6	4.3	7.0	8.2	5.2	5.7	6.2
PIN-UP (HTM)	6.9	6.0	6.7	8.3	3.5	5.7	6.1
CRYSTAL BLUELINKS	5.9	5.3	6.7	7.7	2.7	5.7	5.6
PURE SELECT (PST-OJD)	5.9	6.0	5.3	7.7	3.0	4.7	5.4
L-93	6.0	4.7	6.3	8.0	1.3	5.0	5.3
AUTHORITY	6.1	3.7	5.3	7.8	2.2	5.3	5.3
PENNCROSS	6.3	3.3	6.3	6.3	1.5	5.0	5.0
PRINCEVILLE	5.1	2.3	6.3	6.3	1.8	3.7	4.3
T-1	4.9	4.7	5.0	5.7	1.8	4.0	4.3
LSD VALUE	1.3	1.8	1.4	1.1	2.2	1.4	1.1
C.V. (%)	11.2	21.1	11.9	8.2	35.7	16.0	15.7

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 39B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/							
NAME	MD1	MN1	NJ1	PA1	RI1	WA3	MEAN
DECLARATION	8.1	7.7	8.0	9.0	4.3	7.3	7.4
SRP-1WM	8.2	6.7	8.7	8.5	4.7	6.7	7.2
BENCHMARK DSR	7.7	6.0	8.3	8.8	3.0	7.0	6.9
BARRACUDA (MVS-AP-101)	7.3	6.7	7.7	8.5	3.7	7.3	6.9
PROCLAMATION (LTP-FEC)	7.2	6.0	6.3	9.0	4.8	7.0	6.7
007	7.2	6.7	7.7	8.3	3.0	7.0	6.6
MEMORIAL	8.1	5.0	8.0	8.0	2.8	6.0	6.5
LUMINARY (A08-TDN2)	6.9	6.3	7.0	8.2	4.5	6.0	6.4
CY-2	6.6	4.3	7.0	8.2	5.2	5.7	6.2
PIN-UP (HTM)	6.9	6.0	6.7	8.3	3.5	5.7	6.1
CRYSTAL BLUELINKS	5.9	5.3	6.7	7.7	2.7	5.7	5.6
PURE SELECT (PST-OJD)	5.9	6.0	5.3	7.7	3.0	4.7	5.4
L-93	6.0	4.7	6.3	8.0	1.3	5.0	5.3
AUTHORITY	6.1	3.7	5.3	7.8	2.2	5.3	5.3
PENNCROSS	6.3	3.3	6.3	6.3	1.5	5.0	5.0
PRINCEVILLE	5.1	2.3	6.3	6.3	1.8	3.7	4.3
T-1	4.9	4.7	5.0	5.7	1.8	4.0	4.3
LSD VALUE	1.4	1.2	1.6	1.1	2.3	1.4	1.1
C.V. (%)	12.4	14.3	14.1	8.8	45.8	15.0	16.4

TABLE 39C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/							
NAME	MD1	MN1	NJ1	PA1	RI1	WA3	MEAN
A08-EBM	8.1	5.7	9.0	8.7	6.8	5.3	7.2
A08-FT12	7.8	5.7	9.0	8.7	6.0	6.0	7.1
TIGER II	7.8	4.7	9.0	8.8	6.5	5.3	7.0
PST-R9D7	8.2	4.7	8.0	8.5	6.0	4.7	6.8
GREENTIME	8.0	5.0	8.7	8.5	4.0	4.3	6.5
BCD	8.2	2.0	8.7	8.3	4.0	4.7	6.2
LSD VALUE	1.0	2.7	0.8	0.9	1.7	1.6	1.1
C.V. (%)	7.8	36.9	6.0	6.4	19.2	19.2	14.1

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 40A. RED THREAD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1	WA3	MEAN
BENCHMARK DSR	8.0	7.2	7.0
PST-R9D7	5.0	7.7	6.8
PROCLAMATION (LTP-FEC)	8.3	6.7	6.7
BARRACUDA (MVS-AP-101)	8.0	6.8	6.7
GREENTIME	6.0	7.0	6.7
MEMORIAL	8.3	6.5	6.7
DECLARATION	7.7	6.8	6.6
CRYSTAL BLUELINKS	8.3	6.3	6.5
A08-EBM	5.0	7.3	6.4
A08-FT12	7.7	6.7	6.4
T-1	8.7	5.5	6.4
SRP-1WM	7.3	6.5	6.3
LUMINARY (A08-TDN2)	8.0	6.2	6.3
007	7.7	6.2	6.1
TIGER II	4.7	7.0	6.1
AUTHORITY	7.3	5.8	5.9
BCD	4.3	7.0	5.9
L-93	7.7	5.5	5.8
PIN-UP (HTM)	8.0	5.7	5.8
PENNCROSS	7.7	5.3	5.7
PRINCEVILLE	7.3	5.2	5.7
CY-2	7.0	5.7	5.6
PURE SELECT (PST-OJD)	6.7	5.3	5.3
LSD VALUE	2.1	1.6	1.5
C.V. (%)	18.0	16.2	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.

3/ RED THREAD RATED AT "RI1" IN 2012 AND AT "WA3" IN 2010 & 2013.

TABLE 40B. RED THREAD RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1	WA3	MEAN
BENCHMARK DSR	8.0	7.2	7.0
PROCLAMATION (LTP-FEC)	8.3	6.7	6.7
BARRACUDA (MVS-AP-101)	8.0	6.8	6.7
MEMORIAL	8.3	6.5	6.7
DECLARATION	7.7	6.8	6.6
CRYSTAL BLUELINKS	8.3	6.3	6.5
T-1	8.7	5.5	6.4
SRP-1WM	7.3	6.5	6.3
LUMINARY (A08-TDN2)	8.0	6.2	6.3
007	7.7	6.2	6.1
AUTHORITY	7.3	5.8	5.9
L-93	7.7	5.5	5.8
PIN-UP (HTM)	8.0	5.7	5.8
PENNCROSS	7.7	5.3	5.7
PRINCEVILLE	7.3	5.2	5.7
CY-2	7.0	5.7	5.6
PURE SELECT (PST-OJD)	6.7	5.3	5.3
LSD VALUE	2.0	1.7	1.5
C.V. (%)	15.6	18.5	19.1

TABLE 40C. RED THREAD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	RI1	WA3	MEAN
PST-R9D7	5.0	7.7	6.8
GREENTIME	6.0	7.0	6.7
A08-EBM	5.0	7.3	6.4
A08-FT12	7.7	6.7	6.4
TIGER II	4.7	7.0	6.1
BCD	4.3	7.0	5.9
LSD VALUE	2.4	1.1	1.2
C.V. (%)	27.0	9.5	13.7

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.

3/ RED THREAD RATED AT "RI1" IN 2012 AND AT "WA3" IN 2010 & 2013.

TABLE 41A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

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

NAME	KY1	MD1	MN1	NJ1	VA5	MEAN
BARRACUDA (MVS-AP-101)	9.0	9.0	8.3	8.0	9.0	8.8
SRP-1WM	9.0	9.0	9.0	8.3	8.5	8.8
LUMINARY (A08-TDN2)	9.0	9.0	9.0	7.3	9.0	8.8
PROCLAMATION (LTP-FEC)	9.0	9.0	8.7	7.3	8.8	8.7
PIN-UP (HTM)	9.0	9.0	8.3	7.3	8.7	8.7
DECLARATION	9.0	9.0	8.0	7.3	8.8	8.6
PURE SELECT (PST-OJD)	9.0	9.0	6.3	7.5	8.5	8.5
AUTHORITY	9.0	9.0	7.7	6.8	8.7	8.5
L-93	9.0	9.0	9.0	6.3	8.8	8.5
007	9.0	9.0	7.7	7.0	8.3	8.5
BENCHMARK DSR	9.0	9.0	8.3	6.7	8.5	8.5
MEMORIAL	9.0	9.0	9.0	6.2	8.8	8.5
T-1	9.0	9.0	8.3	5.8	9.0	8.4
PENNCROSS	9.0	9.0	8.0	6.2	9.0	8.4
CY-2	9.0	9.0	8.7	5.7	8.5	8.4
CRYSTAL BLUELINKS	9.0	9.0	7.3	6.0	8.3	8.3
PRINCEVILLE	9.0	9.0	5.7	6.0	8.7	8.2
BCD	8.3	7.7	9.0	4.7	7.0	7.3
A08-FT12	9.0	6.8	9.0	5.2	7.5	7.3
GREENTIME	7.7	7.2	9.0	3.5	6.2	6.6
A08-EBM	8.7	6.5	8.0	4.3	5.3	6.5
TIGER II	6.7	5.8	8.3	4.7	7.0	6.1
PST-R9D7	4.3	3.8	8.3	3.5	7.0	4.7
LSD VALUE	0.9	0.6	1.7	1.6	1.6	0.8
C.V. (%)	6.7	4.1	12.8	16.2	12.3	8.6

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

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

TABLE 41B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	MD1	MN1	NJ1	VA5	MEAN
BARRACUDA (MVS-AP-101)	9	9	8.3	8.0	9.0	8.8
SRP-1WM	9	9	9.0	8.3	8.5	8.8
LUMINARY (A08-TDN2)	9	9	9.0	7.3	9.0	8.8
PROCLAMATION (LTP-FEC)	9	9	8.7	7.3	8.8	8.7
PIN-UP (HTM)	9	9	8.3	7.3	8.7	8.7
DECLARATION	9	9	8.0	7.3	8.8	8.6
PURE SELECT (PST-OJD)	9	9	6.3	7.5	8.5	8.5
AUTHORITY	9	9	7.7	6.8	8.7	8.5
L-93	9	9	9.0	6.3	8.8	8.5
007	9	9	7.7	7.0	8.3	8.5
BENCHMARK DSR	9	9	8.3	6.7	8.5	8.5
MEMORIAL	9	9	9.0	6.2	8.8	8.5
T-1	9	9	8.3	5.8	9.0	8.4
PENNCROSS	9	9	8.0	6.2	9.0	8.4
CY-2	9	9	8.7	5.7	8.5	8.4
CRYSTAL BLUELINKS	9	9	7.3	6.0	8.3	8.3
PRINCEVILLE	9	9	5.7	6.0	8.7	8.2
LSD VALUE	0	0	1.7	1.6	1.0	0.4
C.V. (%)	0	0	13.3	14.8	7.4	4.6

TABLE 41C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

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

NAME	KY1	MD1	MN1	NJ1	VA5	MEAN
BCD	8.3	7.7	9.0	4.7	7.0	7.3
A08-FT12	9.0	6.8	9.0	5.2	7.5	7.3
GREENTIME	7.7	7.2	9.0	3.5	6.2	6.6
A08-EBM	8.7	6.5	8.0	4.3	5.3	6.5
TIGER II	6.7	5.8	8.3	4.7	7.0	6.1
PST-R9D7	4.3	3.8	8.3	3.5	7.0	4.7
LSD VALUE	1.8	1.1	1.6	1.5	2.6	1.3
C.V. (%)	15.2	10.5	11.3	22.2	24.8	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 42A. PYTHIUM BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	VA5	MEAN
BCD	9.0	6.3	7.7
PRINCEVILLE	6.3	9.0	7.7
PURE SELECT (PST-OJD)	6.3	8.7	7.5
PIN-UP (HTM)	6.3	8.3	7.3
007	5.3	9.0	7.2
A08-FT12	8.7	5.7	7.2
BARRACUDA (MVS-AP-101)	5.7	8.0	6.8
L-93	5.3	8.3	6.8
LUMINARY (A08-TDN2)	5.3	8.3	6.8
CY-2	5.0	8.3	6.7
SRP-1WM	5.0	8.3	6.7
AUTHORITY	5.3	8.0	6.7
PROCLAMATION (LTP-FEC)	5.3	8.0	6.7
MEMORIAL	5.3	7.7	6.5
CRYSTAL BLUELINKS	4.3	8.0	6.2
GREENTIME	8.0	4.3	6.2
DECLARATION	3.7	7.7	5.7
PST-R9D7	5.7	5.7	5.7
A08-EBM	7.7	3.3	5.5
BENCHMARK DSR	2.0	8.0	5.0
T-1	1.7	8.3	5.0
TIGER II	5.0	5.0	5.0
PENNCROSS	1.0	8.3	4.7
LSD VALUE	2.3	1.5	1.9
C.V. (%)	27.0	12.6	19.8

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.

3/ PYTHIUM BLIGHT RATED AT "NJ1" IN 2011 AND AT "VA5" IN 2012.

TABLE 42B. PYTHIUM BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	VA5	MEAN
PRINCEVILLE	6.3	9.0	7.7
PURE SELECT (PST-OJD)	6.3	8.7	7.5
PIN-UP (HTM)	6.3	8.3	7.3
007	5.3	9.0	7.2
BARRACUDA (MVS-AP-101)	5.7	8.0	6.8
L-93	5.3	8.3	6.8
LUMINARY (A08-TDN2)	5.3	8.3	6.8
CY-2	5.0	8.3	6.7
SRP-1WM	5.0	8.3	6.7
AUTHORITY	5.3	8.0	6.7
PROCLAMATION (LTP-FEC)	5.3	8.0	6.7
MEMORIAL	5.3	7.7	6.5
CRYSTAL BLUELINKS	4.3	8.0	6.2
DECLARATION	3.7	7.7	5.7
BENCHMARK DSR	2.0	8.0	5.0
T-1	1.7	8.3	5.0
PENNCROSS	1.0	8.3	4.7
LSD VALUE	2.6	1.1	1.8
C.V. (%)	34.6	8.0	21.3

TABLE 42C. PYTHIUM BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	VA5	MEAN
BCD	9.0	6.3	7.7
A08-FT12	8.7	5.7	7.2
GREENTIME	8.0	4.3	6.2
PST-R9D7	5.7	5.7	5.7
A08-EBM	7.7	3.3	5.5
TIGER II	5.0	5.0	5.0
LSD VALUE	1.3	2.3	1.8
C.V. (%)	11.1	28.7	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.
- 3/ PYTHIUM BLIGHT RATED AT "NJ1" IN 2011 AND AT "VA5" IN 2012.

TABLE 43A. ANTHRACNOSE RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
CRYSTAL BLUELINKS	6.3
MEMORIAL	5.3
007	5.2
LUMINARY (A08-TDN2)	4.8
SRP-1WM	4.8
PST-R9D7	4.7
CY-2	4.5
PIN-UP (HTM)	4.3
AUTHORITY	4.2
DECLARATION	4.2
A08-EBM	4.0
A08-FT12	4.0
BARRACUDA (MVS-AP-101)	4.0
PRINCEVILLE	4.0
TIGER II	3.7
BENCHMARK DSR	3.3
PENNCROSS	3.3
BCD	3.2
PURE SELECT (PST-OJD)	2.7
PROCLAMATION (LTP-FEC)	2.3
GREENTIME	2.3
T-1	2.2
L-93	1.7
LSD VALUE	3.0
C.V. (%)	47.4

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.

3/ ANTHRACNOSE RATED IN 2011 AND 2013.

TABLE 43B. ANTHRACNOSE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
CRYSTAL BLUELINKS	6.3
MEMORIAL	5.3
007	5.2
LUMINARY (A08-TDN2)	4.8
SRP-1WM	4.8
CY-2	4.5
PIN-UP (HTM)	4.3
AUTHORITY	4.2
DECLARATION	4.2
BARRACUDA (MVS-AP-101)	4.0
PRINCEVILLE	4.0
BENCHMARK DSR	3.3
PENNCROSS	3.3
PURE SELECT (PST-OJD)	2.7
PROCLAMATION (LTP-FEC)	2.3
T-1	2.2
L-93	1.7
LSD VALUE	3.0
C.V. (%)	48.1

TABLE 43C. ANTHRACNOSE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
PST-R9D7	4.7
A08-EBM	4.0
A08-FT12	4.0
TIGER II	3.7
BCD	3.2
GREENTIME	2.3
LSD VALUE	2.7
C.V. (%)	45.2

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.

3/ ANTHRACNOSE RATED IN 2011 AND 2013.

TABLE 44A. FAIRY RING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FAIRY RING RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
BENCHMARK DSR	7.7
T-1	7.0
LUMINARY (A08-TDN2)	6.7
PROCLAMATION (LTP-FEC)	6.7
PIN-UP (HTM)	6.0
PURE SELECT (PST-OJD)	6.0
BARRACUDA (MVS-AP-101)	5.7
DECLARATION	5.7
L-93	5.7
AUTHORITY	5.3
CY-2	5.3
MEMORIAL	5.3
007	5.0
CRYSTAL BLUELINKS	5.0
SRP-1WM	4.7
PENNCROSS	4.0
PRINCEVILLE	4.0
TIGER II	3.7
A08-FT12	3.3
GREENTIME	3.3
A08-EBM	2.3
BCD	2.3
PST-R9D7	1.0
LSD VALUE	1.4
C.V. (%)	18.2

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.

3/ FAIRY RING RATED IN 2009-10.

TABLE 44B. FAIRY RING RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FAIRY RING RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
BENCHMARK DSR	7.7
T-1	7.0
LUMINARY (A08-TDN2)	6.7
PROCLAMATION (LTP-FEC)	6.7
PIN-UP (HTM)	6.0
PURE SELECT (PST-OJD)	6.0
BARRACUDA (MVS-AP-101)	5.7
DECLARATION	5.7
L-93	5.7
AUTHORITY	5.3
CY-2	5.3
MEMORIAL	5.3
007	5.0
CRYSTAL BLUELINKS	5.0
SRP-1WM	4.7
PENNCROSS	4.0
PRINCEVILLE	4.0
LSD VALUE	1.4
C.V. (%)	15.7

TABLE 44C. FAIRY RING RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FAIRY RING RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	RI1
TIGER II	3.7
A08-FT12	3.3
GREENTIME	3.3
A08-EBM	2.3
BCD	2.3
PST-R9D7	1.0
LSD VALUE	1.4
C.V. (%)	33.1

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

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

3/ FAIRY RING RATED IN 2009-10.

TABLE 45A. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	RI1	WI1	MEAN
PENNCROSS	8.3	9.0	5.0	7.7
TIGER II	7.0	9.0	7.3	7.6
BCD	6.0	9.0	8.3	7.3
BARRACUDA (MVS-AP-101)	6.7	8.0	7.7	7.3
BENCHMARK DSR	8.0	6.7	5.7	7.1
GREENTIME	6.7	7.7	7.3	7.1
007	6.7	8.3	6.0	6.9
SRP-1WM	7.7	7.0	5.3	6.9
CY-2	7.7	6.0	6.0	6.8
DECLARATION	6.7	7.7	6.3	6.8
CRYSTAL BLUELINKS	7.0	7.3	6.0	6.8
A08-FT12	5.3	8.3	8.0	6.8
L-93	7.0	8.0	5.0	6.8
A08-EBM	4.7	9.0	8.0	6.6
MEMORIAL	5.3	7.7	6.3	6.2
PROCLAMATION (LTP-FEC)	5.3	8.0	5.3	6.0
LUMINARY (A08-TDN2)	4.7	8.0	6.0	5.8
T-1	5.7	7.0	4.7	5.8
PST-R9D7	4.3	7.3	6.7	5.7
AUTHORITY	4.7	7.7	4.7	5.4
PIN-UP (HTM)	3.7	6.3	5.3	4.8
PRINCEVILLE	3.7	8.0	3.7	4.8
PURE SELECT (PST-OJD)	3.3	6.7	4.0	4.3
LSD VALUE	2.8	2.4	3.0	2.4
C.V. (%)	29.3	19.4	31.4	27.1

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.

3/ PINK SNOW MOLD RATED AT "NJ1" IN 2009-10, AT "RI1" & "WI1" IN 2011.

TABLE 45B. PINK SNOW MOLD RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	RI1	WI1	MEAN
PENNCROSS	8.3	9.0	5.0	7.7
BARRACUDA (MVS-AP-101)	6.7	8.0	7.7	7.3
BENCHMARK DSR	8.0	6.7	5.7	7.1
007	6.7	8.3	6.0	6.9
SRP-1WM	7.7	7.0	5.3	6.9
CY-2	7.7	6.0	6.0	6.8
DECLARATION	6.7	7.7	6.3	6.8
CRYSTAL BLUELINKS	7.0	7.3	6.0	6.8
L-93	7.0	8.0	5.0	6.8
MEMORIAL	5.3	7.7	6.3	6.2
PROCLAMATION (LTP-FEC)	5.3	8.0	5.3	6.0
LUMINARY (A08-TDN2)	4.7	8.0	6.0	5.8
T-1	5.7	7.0	4.7	5.8
AUTHORITY	4.7	7.7	4.7	5.4
PIN-UP (HTM)	3.7	6.3	5.3	4.8
PRINCEVILLE	3.7	8.0	3.7	4.8
PURE SELECT (PST-OJD)	3.3	6.7	4.0	4.3
LSD VALUE	2.9	2.5	3.2	2.5
C.V. (%)	29.9	20.9	35.8	28.6

TABLE 45C. PINK SNOW MOLD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1	RI1	WI1	MEAN
TIGER II	7.0	9.0	7.3	7.6
BCD	6.0	9.0	8.3	7.3
GREENTIME	6.7	7.7	7.3	7.1
A08-FT12	5.3	8.3	8.0	6.8
A08-EBM	4.7	9.0	8.0	6.6
PST-R9D7	4.3	7.3	6.7	5.7
LSD VALUE	2.5	2.1	2.7	2.1
C.V. (%)	27.3	15.4	22.3	23.1

- 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.
- 3/ PINK SNOW MOLD RATED AT "NJ1" IN 2009-10, AT "RI1" & "WI1" IN 2011.

TABLE 46A. TAKE-ALL PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

TAKE-ALL PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MN1
BCD	9.0
MEMORIAL	9.0
LUMINARY (A08-TDN2)	8.7
GREENTIME	8.7
L-93	8.7
A08-FT12	8.3
BENCHMARK DSR	8.0
PENNCROSS	8.0
SRP-1WM	8.0
BARRACUDA (MVS-AP-101)	7.7
007	7.0
A08-EBM	7.0
CY-2	7.0
DECLARATION	7.0
PROCLAMATION (LTP-FEC)	7.0
T-1	7.0
PIN-UP (HTM)	6.7
PST-R9D7	6.7
TIGER II	6.7
AUTHORITY	6.3
CRYSTAL BLUELINKS	6.3
PURE SELECT (PST-OJD)	5.0
PRINCEVILLE	4.7
LSD VALUE	2.5
C.V. (%)	20.9

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

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

3/ TAKE-ALL PATCH RATED 2010 ONLY.

TABLE 46B. TAKE-ALL PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

TAKE-ALL PATCH RATINGS 1-9; 9=NO DISEASE 2/ 2/

NAME	MN1
MEMORIAL	9.0
LUMINARY (A08-TDN2)	8.7
L-93	8.7
BENCHMARK DSR	8.0
PENNCROSS	8.0
SRP-1WM	8.0
BARRACUDA (MVS-AP-101)	7.7
007	7.0
CY-2	7.0
DECLARATION	7.0
PROCLAMATION (LTP-FEC)	7.0
T-1	7.0
PIN-UP (HTM)	6.7
AUTHORITY	6.3
CRYSTAL BLUELINKS	6.3
PURE SELECT (PST-OJD)	5.0
PRINCEVILLE	4.7
LSD VALUE	2.4
C.V. (%)	20.9

TABLE 46C. TAKE-ALL PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

TAKE-ALL PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MN1
BCD	9.0
GREENTIME	8.7
A08-FT12	8.3
A08-EBM	7.0
PST-R9D7	6.7
TIGER II	6.7
LSD VALUE	2.6
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.

3/ TAKE-ALL PATCH RATED 2010 ONLY.

TABLE 47A. SOD WEBWORM DAMAGE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

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.

3/ SOD WEBWORM DAMAGE RATED 2012 ONLY.

TABLE 47B. SOD WEBWORM DAMAGE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

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 47C. SOD WEBWORM DAMAGE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SOD WEBWORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

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.

3/ SOD WEBWORM DAMAGE RATED 2012 ONLY.

TABLE 48A. WHITE GRUB DAMAGE RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	RI1
GREENTIME	7.0
DECLARATION	6.7
A08-FT12	6.5
BARRACUDA (MVS-AP-101)	6.5
TIGER II	6.5
PIN-UP (HTM)	6.2
MEMORIAL	6.0
BCD	5.7
LUMINARY (A08-TDN2)	5.2
SRP-1WM	5.2
L-93	4.5
A08-EBM	4.3
CY-2	4.3
PST-R9D7	4.3
T-1	4.3
PROCLAMATION (LTP-FEC)	3.8
PURE SELECT (PST-OJD)	3.7
007	3.5
PENNCROSS	3.5
AUTHORITY	3.3
BENCHMARK DSR	3.3
PRINCEVILLE	3.2
CRYSTAL BLUELINKS	2.8
LSD VALUE	2.7
C.V. (%)	34.4

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.

3/ WHITE GRUB DAMAGE RATED 2010 AND 2013.

TABLE 48B. WHITE GRUB DAMAGE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	RI1
DECLARATION	6.7
BARRACUDA (MVS-AP-101)	6.5
PIN-UP (HTM)	6.2
MEMORIAL	6.0
LUMINARY (A08-TDN2)	5.2
SRP-1WM	5.2
L-93	4.5
CY-2	4.3
T-1	4.3
PROCLAMATION (LTP-FEC)	3.8
PURE SELECT (PST-OJD)	3.7
007	3.5
PENNCROSS	3.5
AUTHORITY	3.3
BENCHMARK DSR	3.3
PRINCEVILLE	3.2
CRYSTAL BLUELINKS	2.8
LSD VALUE	2.9
C.V. (%)	40.0

TABLE 48C. WHITE GRUB DAMAGE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

WHITE GRUB DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	RI1
GREENTIME	7.0
A08-FT12	6.5
TIGER II	6.5
BCD	5.7
A08-EBM	4.3
PST-R9D7	4.3
LSD VALUE	1.7
C.V. (%)	19.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ WHITE GRUB DAMAGE RATED 2010 AND 2013.

TABLE 49A. ARMY WORM DAMAGE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

ARMY WORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	RI1
BCD	7.7
GREENTIME	7.0
TIGER II	7.0
A08-EBM	6.3
CRYSTAL BLUELINKS	6.3
A08-FT12	6.0
PENNCROSS	6.0
BENCHMARK DSR	5.7
MEMORIAL	5.7
LUMINARY (A08-TDN2)	5.3
PST-R9D7	5.0
PURE SELECT (PST-OJD)	5.0
T-1	5.0
BARRACUDA (MVS-AP-101)	4.3
CY-2	4.3
L-93	4.3
AUTHORITY	4.0
007	3.7
PIN-UP (HTM)	3.0
DECLARATION	2.3
PRINCEVILLE	1.0
PROCLAMATION (LTP-FEC)	1.0
SRP-1WM	1.0
LSD VALUE	3.5
C.V. (%)	47.2

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.

3/ ARMY WORM RATED 2011 ONLY.

TABLE 49B. ARMY WORM RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

ARMY WORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	RI1
CRYSTAL BLUELINKS	6.3
PENNCROSS	6.0
BENCHMARK DSR	5.7
MEMORIAL	5.7
LUMINARY (A08-TDN2)	5.3
PURE SELECT (PST-OJD)	5.0
T-1	5.0
BARRACUDA (MVS-AP-101)	4.3
CY-2	4.3
L-93	4.3
AUTHORITY	4.0
007	3.7
PIN-UP (HTM)	3.0
DECLARATION	2.3
PRINCEVILLE	1.0
PROCLAMATION (LTP-FEC)	1.0
SRP-1WM	1.0
LSD VALUE	3.5
C.V. (%)	54.6

TABLE 49C. ARMY WORM RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

ARMY WORM DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	RI1
BCD	7.7
GREENTIME	7.0
TIGER II	7.0
A08-EBM	6.3
A08-FT12	6.0
PST-R9D7	5.0
LSD VALUE	3.6
C.V. (%)	34.2

- 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.
- 3/ ARMY WORM RATED 2011 ONLY.

TABLE 50A. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	PA1	WA3	MEAN
CRYSTAL BLUELINKS	7.3	6.7	7.0
007	6.7	6.7	6.7
BENCHMARK DSR	6.3	6.7	6.5
DECLARATION	6.7	6.3	6.5
L-93	6.0	7.0	6.5
AUTHORITY	6.7	6.0	6.3
PURE SELECT (PST-OJD)	6.7	6.0	6.3
PROCLAMATION (LTP-FEC)	5.7	6.7	6.2
CY-2	6.0	6.3	6.2
SRP-1WM	6.3	6.0	6.2
BARRACUDA (MVS-AP-101)	6.0	6.0	6.0
LUMINARY (A08-TDN2)	5.7	6.3	6.0
PIN-UP (HTM)	6.0	6.0	6.0
MEMORIAL	5.0	6.7	5.8
T-1	5.3	6.3	5.8
PENNCROSS	4.7	6.7	5.7
BCD	5.0	6.3	5.7
TIGER II	5.0	6.3	5.7
PST-R9D7	4.7	6.3	5.5
A08-FT12	4.7	6.0	5.3
PRINCEVILLE	4.7	6.0	5.3
GREENTIME	4.7	5.7	5.2
A08-EBM	4.3	6.0	5.2
LSD VALUE	1.2	1.0	1.1
C.V. (%)	13.0	9.7	11.3

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

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

3/ FALL COLOR (SEPTEMBER) RATED AT "PA1" IN 2010 AND AT "WA3" IN 2012.

TABLE 50B. FALL COLOR (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	PA1	WA3	MEAN
CRYSTAL BLUELINKS	7.3	6.7	7.0
007	6.7	6.7	6.7
BENCHMARK DSR	6.3	6.7	6.5
DECLARATION	6.7	6.3	6.5
L-93	6.0	7.0	6.5
AUTHORITY	6.7	6.0	6.3
PURE SELECT (PST-OJD)	6.7	6.0	6.3
PROCLAMATION (LTP-FEC)	5.7	6.7	6.2
CY-2	6.0	6.3	6.2
SRP-1WM	6.3	6.0	6.2
BARRACUDA (MVS-AP-101)	6.0	6.0	6.0
LUMINARY (A08-TDN2)	5.7	6.3	6.0
PIN-UP (HTM)	6.0	6.0	6.0
MEMORIAL	5.0	6.7	5.8
T-1	5.3	6.3	5.8
PENNCROSS	4.7	6.7	5.7
PRINCEVILLE	4.7	6.0	5.3
LSD VALUE	1.2	0.7	0.9
C.V. (%)	12.2	6.9	9.6

TABLE 50C. FALL COLOR (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	PA1	WA3	MEAN
BCD	5.0	6.3	5.7
TIGER II	5.0	6.3	5.7
PST-R9D7	4.7	6.3	5.5
A08-FT12	4.7	6.0	5.3
GREENTIME	4.7	5.7	5.2
A08-EBM	4.3	6.0	5.2
LSD VALUE	1.2	1.5	1.4
C.V. (%)	15.8	15.4	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.

3/ FALL COLOR (SEPTEMBER) RATED AT "PA1" IN 2010 AND AT "WA3" IN 2012.

TABLE 51A. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	IL1	WA3	WI1	MEAN
T-1	7.5	7.0	6.3	7.3
BENCHMARK DSR	6.6	7.0	6.3	6.6
L-93	6.4	6.7	6.3	6.5
CRYSTAL BLUELINKS	6.3	6.7	6.7	6.4
SRP-1WM	6.4	6.0	5.7	6.3
PROCLAMATION (LTP-FEC)	6.2	6.7	6.7	6.3
LUMINARY (A08-TDN2)	6.2	6.7	5.7	6.3
PIN-UP (HTM)	6.1	7.0	6.0	6.2
007	6.1	7.0	5.7	6.2
AUTHORITY	6.2	6.0	6.0	6.2
CY-2	5.9	6.3	6.7	6.1
BARRACUDA (MVS-AP-101)	6.0	6.3	6.3	6.1
MEMORIAL	5.9	6.7	6.3	6.1
DECLARATION	6.0	6.0	6.3	6.0
PURE SELECT (PST-OJD)	6.2	6.0	5.3	6.0
PRINCEVILLE	5.7	6.0	7.0	6.0
PENNCROSS	5.7	7.0	5.7	5.9
BCD	5.3	6.0	4.3	5.3
TIGER II	5.1	6.0	4.7	5.3
GREENTIME	5.1	6.0	4.7	5.2
PST-R9D7	4.3	5.7	6.7	5.0
A08-FT12	4.7	5.0	5.0	4.9
A08-EBM	4.3	5.0	6.0	4.8
LSD VALUE	0.9	0.8	3.3	0.9
C.V. (%)	9.5	7.9	34.1	12.4

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

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

3/ FALL COLOR (OCTOBER) RATED AT "IL1" IN 2010-13, AT "WA3" IN 2012 AND AT "WI1" IN 2010.

TABLE 51B. FALL COLOR (OCTOBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	IL1	WA3	WI1	MEAN
T-1	7.5	7.0	6.3	7.3
BENCHMARK DSR	6.6	7.0	6.3	6.6
L-93	6.4	6.7	6.3	6.5
CRYSTAL BLUELINKS	6.3	6.7	6.7	6.4
SRP-1WM	6.4	6.0	5.7	6.3
PROCLAMATION (LTP-FEC)	6.2	6.7	6.7	6.3
LUMINARY (A08-TDN2)	6.2	6.7	5.7	6.3
PIN-UP (HTM)	6.1	7.0	6.0	6.2
007	6.1	7.0	5.7	6.2
AUTHORITY	6.2	6.0	6.0	6.2
CY-2	5.9	6.3	6.7	6.1
BARRACUDA (MVS-AP-101)	6.0	6.3	6.3	6.1
MEMORIAL	5.9	6.7	6.3	6.1
DECLARATION	6.0	6.0	6.3	6.0
PURE SELECT (PST-OJD)	6.2	6.0	5.3	6.0
PRINCEVILLE	5.7	6.0	7.0	6.0
PENNCROSS	5.7	7.0	5.7	5.9
LSD VALUE	0.9	0.6	3.2	0.9
C.V. (%)	8.7	5.7	32.3	11.6

TABLE 51C. FALL COLOR (OCTOBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	IL1	WA3	WI1	MEAN
BCD	5.3	6.0	4.3	5.3
TIGER II	5.1	6.0	4.7	5.3
GREENTIME	5.1	6.0	4.7	5.2
PST-R9D7	4.3	5.7	6.7	5.0
A08-FT12	4.7	5.0	5.0	4.9
A08-EBM	4.3	5.0	6.0	4.8
LSD VALUE	0.8	1.2	3.4	0.8
C.V. (%)	12.2	13.3	40.1	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.

3/ FALL COLOR (OCTOBER) RATED AT "IL1" IN 2010-13, AT "WA3" IN 2012 AND AT "WI1" IN 2010.

TABLE 52A. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	AR1	IL1	PA1	MEAN
T-1	9.0	7.7	6.3	7.6
CRYSTAL BLUELINKS	7.3	6.7	7.3	7.2
BENCHMARK DSR	7.3	7.0	6.3	6.8
AUTHORITY	7.3	5.7	6.7	6.7
L-93	8.0	7.0	5.8	6.7
CY-2	7.0	6.0	6.3	6.6
DECLARATION	7.0	6.0	6.3	6.4
LUMINARY (A08-TDN2)	7.0	6.3	6.0	6.4
SRP-1WM	7.3	6.3	6.0	6.4
007	7.0	6.0	6.2	6.3
PROCLAMATION (LTP-FEC)	7.0	6.0	5.7	6.2
MEMORIAL	7.3	6.3	5.2	6.1
GREENTIME	7.0	4.0	5.7	6.0
PRINCEVILLE	7.3	4.7	5.3	6.0
PURE SELECT (PST-OJD)	6.7	6.3	5.7	5.9
BARRACUDA (MVS-AP-101)	6.3	6.3	5.7	5.9
PENNCROSS	7.0	6.0	4.7	5.7
PST-R9D7	6.7	4.0	5.3	5.7
BCD	7.0	4.0	5.0	5.5
PIN-UP (HTM)	6.0	5.7	5.3	5.5
TIGER II	6.7	4.0	5.2	5.5
A08-FT12	7.3	4.0	4.7	5.4
A08-EBM	6.7	4.0	4.0	4.8
LSD VALUE	0.9	1.2	1.3	1.1
C.V. (%)	7.8	13.0	14.5	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.

3/ FALL COLOR (NOVEMBER) RATED AT "AR1" IN 2010, AT "IL1" IN 2009 AND AT "PA1" IN 2009 & 2011.

TABLE 52B. FALL COLOR (NOVEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	AR1	IL1	PA1	MEAN
T-1	9.0	7.7	6.3	7.6
CRYSTAL BLUELINKS	7.3	6.7	7.3	7.2
BENCHMARK DSR	7.3	7.0	6.3	6.8
AUTHORITY	7.3	5.7	6.7	6.7
L-93	8.0	7.0	5.8	6.7
CY-2	7.0	6.0	6.3	6.6
DECLARATION	7.0	6.0	6.3	6.4
LUMINARY (A08-TDN2)	7.0	6.3	6.0	6.4
SRP-1WM	7.3	6.3	6.0	6.4
007	7.0	6.0	6.2	6.3
PROCLAMATION (LTP-FEC)	7.0	6.0	5.7	6.2
MEMORIAL	7.3	6.3	5.2	6.1
PRINCEVILLE	7.3	4.7	5.3	6.0
PURE SELECT (PST-OJD)	6.7	6.3	5.7	5.9
BARRACUDA (MVS-AP-101)	6.3	6.3	5.7	5.9
PENNCROSS	7.0	6.0	4.7	5.7
PIN-UP (HTM)	6.0	5.7	5.3	5.5
LSD VALUE	0.7	1.4	1.4	1.1
C.V. (%)	6.5	13.7	14.3	12.0

TABLE 52C. FALL COLOR (NOVEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	AR1	IL1	PA1	MEAN
GREENTIME	7.0	4	5.7	6.0
PST-R9D7	6.7	4	5.3	5.7
BCD	7.0	4	5.0	5.5
TIGER II	6.7	4	5.2	5.5
A08-FT12	7.3	4	4.7	5.4
A08-EBM	6.7	4	4.0	4.8
LSD VALUE	1.2	0	1.2	1.0
C.V. (%)	10.8	0	15.0	12.4

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

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

3/ FALL COLOR (NOVEMBER) RATED AT "AR1" IN 2010, AT "IL1" IN 2009 AND AT "PA1" IN 2009 & 2011.

TABLE 53A. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	VA5	WA3	MEAN
BENCHMARK DSR	6.0	5.7	5.8
MEMORIAL	5.3	6.3	5.8
CY-2	5.3	6.0	5.7
L-93	5.3	6.0	5.7
CRYSTAL BLUELINKS	4.3	6.7	5.5
T-1	4.3	6.7	5.5
AUTHORITY	5.0	5.7	5.3
007	5.0	5.3	5.2
BARRACUDA (MVS-AP-101)	5.0	5.0	5.0
DECLARATION	4.7	5.3	5.0
PENNCROSS	4.0	6.0	5.0
PRINCEVILLE	4.7	5.3	5.0
SRP-1WM	4.7	5.3	5.0
GREENTIME	3.0	6.7	4.8
PIN-UP (HTM)	4.7	5.0	4.8
PURE SELECT (PST-OJD)	4.7	5.0	4.8
LUMINARY (A08-TDN2)	4.3	5.3	4.8
TIGER II	3.3	6.3	4.8
A08-FT12	3.0	6.3	4.7
PROCLAMATION (LTP-FEC)	4.3	5.0	4.7
BCD	2.7	6.0	4.3
PST-R9D7	2.7	5.7	4.2
A08-EBM	3.0	5.3	4.2
LSD VALUE	1.2	0.9	1.0
C.V. (%)	17.4	9.6	13.5

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

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

3/ FALL COLOR (DECEMBER) RATED AT "VA5" IN 2009 AND AT "WA3" IN 2013.

TABLE 53B. FALL COLOR (DECEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	VA5	WA3	MEAN
BENCHMARK DSR	6.0	5.7	5.8
MEMORIAL	5.3	6.3	5.8
CY-2	5.3	6.0	5.7
L-93	5.3	6.0	5.7
CRYSTAL BLUELINKS	4.3	6.7	5.5
T-1	4.3	6.7	5.5
AUTHORITY	5.0	5.7	5.3
007	5.0	5.3	5.2
BARRACUDA (MVS-AP-101)	5.0	5.0	5.0
DECLARATION	4.7	5.3	5.0
PENNCROSS	4.0	6.0	5.0
PRINCEVILLE	4.7	5.3	5.0
SRP-1WM	4.7	5.3	5.0
PIN-UP (HTM)	4.7	5.0	4.8
PURE SELECT (PST-OJD)	4.7	5.0	4.8
LUMINARY (A08-TDN2)	4.3	5.3	4.8
PROCLAMATION (LTP-FEC)	4.3	5.0	4.7
LSD VALUE	1.4	0.9	1.1
C.V. (%)	17.5	10.0	13.7

TABLE 53C. FALL COLOR (DECEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	VA5	WA3	MEAN
GREENTIME	3.0	6.7	4.8
TIGER II	3.3	6.3	4.8
A08-FT12	3.0	6.3	4.7
BCD	2.7	6.0	4.3
PST-R9D7	2.7	5.7	4.2
A08-EBM	3.0	5.3	4.2
LSD VALUE	0.7	0.8	0.8
C.V. (%)	13.9	8.7	11.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR (DECEMBER) RATED AT "VA5" IN 2009 AND AT "WA3" IN 2013.

TABLE 54A. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

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.

3/ POA ANNUA RATED IN 2012 ONLY.

TABLE 54B. POA ANNUA RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 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 54C. POA ANNUA RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

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.

3/ POA ANNUA RATED IN 2012 ONLY.

TABLE 55A. MOWING QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/

NAME	PA1
A08-EBM	9.0
A08-FT12	9.0
AUTHORITY	9.0
BCD	9.0
GREENTIME	9.0
PENNCROSS	9.0
PRINCEVILLE	9.0
PST-R9D7	9.0
TIGER II	9.0
L-93	8.7
MEMORIAL	8.7
CRYSTAL BLUELINKS	8.3
PROCLAMATION (LTP-FEC)	8.3
T-1	8.3
CY-2	8.0
LUMINARY (A08-TDN2)	8.0
PURE SELECT (PST-OJD)	7.7
BENCHMARK DSR	7.0
SRP-1WM	6.7
BARRACUDA (MVS-AP-101)	6.0
007	5.7
PIN-UP (HTM)	5.0
DECLARATION	4.3
LSD VALUE	1.7
C.V. (%)	13.5

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

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

3/ MOWING QUALITY RATED IN 2011 ONLY.

TABLE 55B. MOWING QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/

NAME	PA1
AUTHORITY	9.0
PENNCROSS	9.0
PRINCEVILLE	9.0
L-93	8.7
MEMORIAL	8.7
CRYSTAL BLUELINKS	8.3
PROCLAMATION (LTP-FEC)	8.3
T-1	8.3
CY-2	8.0
LUMINARY (A08-TDN2)	8.0
PURE SELECT (PST-OJD)	7.7
BENCHMARK DSR	7.0
SRP-1WM	6.7
BARRACUDA (MVS-AP-101)	6.0
007	5.7
PIN-UP (HTM)	5.0
DECLARATION	4.3
LSD VALUE	2.0
C.V. (%)	16.5

TABLE 55C. MOWING QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/

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.

3/ MOWING QUALITY RATED IN 2011 ONLY.

TABLE 56A. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2009-13 DATA

NAME	IL1	KY1	MA1	MN1	NJ1	WI1	MEAN
PENNCROSS	88.3	94.3	73.3	91.7	88.3	89.3	87.6
PURE SELECT (PST-OJD)	86.7	96.0	56.7	93.3	90.0	85.0	84.6
PROCLAMATION (LTP-FEC)	78.3	94.7	50.0	90.0	93.3	93.3	83.3
PRINCEVILLE	68.3	96.7	56.7	90.0	96.0	91.7	83.2
T-1	86.7	96.7	43.3	90.0	91.7	90.0	83.1
DECLARATION	75.0	97.7	43.3	93.3	91.0	93.3	82.3
BARRACUDA (MVS-AP-101)	76.7	88.7	56.7	93.3	88.3	86.7	81.7
AUTHORITY	76.7	96.0	50.0	88.3	88.3	88.3	81.3
007	68.3	96.7	50.0	88.3	94.3	86.7	80.7
CRYSTAL BLUELINKS	78.3	97.7	40.0	86.7	91.7	88.3	80.4
CY-2	81.7	94.7	40.0	91.7	90.0	81.7	79.9
A08-EBM	61.7	89.7	63.3	88.3	91.7	83.3	79.7
LUMINARY (A08-TDN2)	80.0	94.3	36.7	83.3	91.7	86.7	78.8
MEMORIAL	71.7	99.0	46.7	90.0	73.3	86.7	77.9
L-93	76.7	93.0	40.0	86.7	81.7	88.3	77.7
PIN-UP (HTM)	78.3	96.0	46.7	85.0	81.7	76.7	77.4
BCD	66.7	94.3	53.3	88.3	86.7	73.3	77.1
SRP-1WM	65.0	96.7	50.0	88.3	80.0	76.7	76.1
A08-FT12	51.7	92.0	56.7	86.7	93.3	75.0	75.9
BENCHMARK DSR	75.0	92.7	40.0	83.3	85.0	75.0	75.2
TIGER II	58.3	94.0	53.3	83.3	85.0	75.0	74.8
GREENTIME	60.0	96.7	50.0	83.3	75.0	70.0	72.5
PST-R9D7	65.0	94.3	50.0	85.0	80.0	58.3	72.1
LSD VALUE	15.4	10.5	14.0	7.8	9.9	10.7	4.8
C.V. (%)	13.2	6.9	17.4	5.5	7.0	8.0	9.1

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

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

TABLE 56B. PERCENT ESTABLISHMENT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2009-13 DATA

NAME	IL1	KY1	MA1	MN1	NJ1	WI1	MEAN
PENNCROSS	88.3	94.3	73.3	91.7	88.3	89.3	87.6
PURE SELECT (PST-OJD)	86.7	96.0	56.7	93.3	90.0	85.0	84.6
PROCLAMATION (LTP-FEC)	78.3	94.7	50.0	90.0	93.3	93.3	83.3
PRINCEVILLE	68.3	96.7	56.7	90.0	96.0	91.7	83.2
T-1	86.7	96.7	43.3	90.0	91.7	90.0	83.1
DECLARATION	75.0	97.7	43.3	93.3	91.0	93.3	82.3
BARRACUDA (MVS-AP-101)	76.7	88.7	56.7	93.3	88.3	86.7	81.7
AUTHORITY	76.7	96.0	50.0	88.3	88.3	88.3	81.3
007	68.3	96.7	50.0	88.3	94.3	86.7	80.7
CRYSTAL BLUELINKS	78.3	97.7	40.0	86.7	91.7	88.3	80.4
CY-2	81.7	94.7	40.0	91.7	90.0	81.7	79.9
LUMINARY (A08-TDN2)	80.0	94.3	36.7	83.3	91.7	86.7	78.8
MEMORIAL	71.7	99.0	46.7	90.0	73.3	86.7	77.9
L-93	76.7	93.0	40.0	86.7	81.7	88.3	77.7
PIN-UP (HTM)	78.3	96.0	46.7	85.0	81.7	76.7	77.4
SRP-1WM	65.0	96.7	50.0	88.3	80.0	76.7	76.1
BENCHMARK DSR	75.0	92.7	40.0	83.3	85.0	75.0	75.2
LSD VALUE	16.4	9.8	13.5	7.3	10.3	11.0	4.8
C.V. (%)	13.2	6.4	17.4	5.1	7.3	7.9	9.0

TABLE 56C. PERCENT ESTABLISHMENT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2009-13 DATA

NAME	IL1	KY1	MA1	MN1	NJ1	WI1	MEAN
A08-EBM	61.7	89.7	63.3	88.3	91.7	83.3	79.7
BCD	66.7	94.3	53.3	88.3	86.7	73.3	77.1
A08-FT12	51.7	92.0	56.7	86.7	93.3	75.0	75.9
TIGER II	58.3	94.0	53.3	83.3	85.0	75.0	74.8
GREENTIME	60.0	96.7	50.0	83.3	75.0	70.0	72.5
PST-R9D7	65.0	94.3	50.0	85.0	80.0	58.3	72.1
LSD VALUE	12.4	12.2	15.2	9.1	8.7	9.9	4.7
C.V. (%)	12.8	8.1	17.3	6.6	6.3	8.4	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 57A. CHILLING INJURY RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	RI1
TIGER II	6.7
GREENTIME	5.2
CRYSTAL BLUELINKS	5.0
DECLARATION	4.8
LUMINARY (A08-TDN2)	4.7
MEMORIAL	4.5
PRINCEVILLE	4.5
PST-R9D7	4.5
CY-2	4.3
BCD	4.3
L-93	4.3
A08-EBM	4.0
A08-FT12	4.0
T-1	4.0
BENCHMARK DSR	3.8
PROCLAMATION (LTP-FEC)	3.3
AUTHORITY	3.3
SRP-1WM	3.3
BARRACUDA (MVS-AP-101)	3.2
PURE SELECT (PST-QJD)	3.2
007	3.2
PENNCROSS	3.2
PIN-UP (HTM)	2.8
LSD VALUE	2.1
C.V. (%)	32.9

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.

3/ CHILLING INJURY RATED IN 2012-13.

TABLE 57B. CHILLING INJURY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	RI1
CRYSTAL BLUELINKS	5.0
DECLARATION	4.8
LUMINARY (A08-TDN2)	4.7
MEMORIAL	4.5
PRINCEVILLE	4.5
CY-2	4.3
L-93	4.3
T-1	4.0
BENCHMARK DSR	3.8
PROCLAMATION (LTP-FEC)	3.3
AUTHORITY	3.3
SRP-1WM	3.3
BARRACUDA (MVS-AP-101)	3.2
PURE SELECT (PST-OJD)	3.2
007	3.2
PENNCROSS	3.2
PIN-UP (HTM)	2.8
LSD VALUE	2.2
C.V. (%)	35.5

TABLE 57C. CHILLING INJURY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

CHILLING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	RI1
TIGER II	6.7
GREENTIME	5.2
PST-R9D7	4.5
BCD	4.3
A08-EBM	4.0
A08-FT12	4.0
LSD VALUE	2.0
C.V. (%)	26.9

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.

3/ CHILLING INJURY RATED IN 2012-13.

TABLE 58A. MECHANICAL DAMAGE RATINGS IN SUMMER OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MECHANICAL DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	MD1
A08-FT12	8.7
PRINCEVILLE	8.7
A08-EBM	8.3
PENNCROSS	8.3
BCD	8.0
MEMORIAL	8.0
CY-2	7.7
PST-R9D7	7.7
TIGER II	7.7
GREENTIME	7.3
007	7.0
CRYSTAL BLUELINKS	7.0
PIN-UP (HTM)	7.0
AUTHORITY	6.7
PURE SELECT (PST-OJD)	6.7
BARRACUDA (MVS-AP-101)	6.3
SRP-1WM	6.3
LUMINARY (A08-TDN2)	6.0
PROCLAMATION (LTP-FEC)	6.0
T-1	6.0
L-93	5.7
DECLARATION	5.0
BENCHMARK DSR	4.3
LSD VALUE	1.4
C.V. (%)	12.2

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

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

3/ MECHANICAL DAMAGE RATED IN 2010 ONLY.

TABLE 58B. MECHANICAL DAMAGE RATINGS IN SUMMER OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MECHANICAL DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	MD1
PRINCEVILLE	8.7
PENNCROSS	8.3
MEMORIAL	8.0
CY-2	7.7
007	7.0
CRYSTAL BLUELINKS	7.0
PIN-UP (HTM)	7.0
AUTHORITY	6.7
PURE SELECT (PST-OJD)	6.7
BARRACUDA (MVS-AP-101)	6.3
SRP-1WM	6.3
LUMINARY (A08-TDN2)	6.0
PROCLAMATION (LTP-FEC)	6.0
T-1	6.0
L-93	5.7
DECLARATION	5.0
BENCHMARK DSR	4.3
LSD VALUE	1.5
C.V. (%)	13.7

TABLE 58C. MECHANICAL DAMAGE RATINGS IN SUMMER OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

MECHANICAL DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	MD1
A08-FT12	8.7
A08-EBM	8.3
BCD	8.0
PST-R9D7	7.7
TIGER II	7.7
GREENTIME	7.3
LSD VALUE	1.1
C.V. (%)	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.
- 3/ MECHANICAL DAMAGE RATED IN 2010 ONLY.

TABLE 59A. DACONIL RECOVERY RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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.

3/ DACONIL RECOVERY RATED IN 2012 ONLY.

TABLE 59B. DACONIL RECOVERY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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 59C. DACONIL RECOVERY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

DACONIL RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

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.

3/ DACONIL RECOVERY RATED IN 2012 ONLY.

TABLE 60A. COPPER SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

COPPER SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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.

3/ COPPER SPOT RATED IN 2013 ONLY.

TABLE 60B. COPPER SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

COPPER SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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 60C. COPPER SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

COPPER SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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.

3/ COPPER SPOT RATED IN 2013 ONLY.

TABLE 61A. SCALPING (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/

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.

3/ SCALPING (SEPTEMBER) RATED IN 2013 ONLY.

TABLE 61B. SCALPING (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/

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 61C. SCALPING (SEPTEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/

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.

3/ SCALPING (SEPTEMBER) RATED IN 2013 ONLY.

TABLE 62A. HEAT STRESS RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/ 3/

NAME	RI1
TIGER II	5.9
A08-FT12	5.7
GREENTIME	5.0
BCD	4.6
PST-R9D7	4.2
SRP-1WM	4.2
007	3.8
A08-EBM	3.6
PIN-UP (HTM)	3.4
CRYSTAL BLUELINKS	3.2
LUMINARY (A08-TDN2)	3.2
MEMORIAL	3.1
PRINCEVILLE	3.1
T-1	3.0
PENNCROSS	2.8
PURE SELECT (PST-OJD)	2.8
CY-2	2.8
AUTHORITY	2.7
L-93	2.7
BARRACUDA (MVS-AP-101)	2.6
DECLARATION	2.3
PROCLAMATION (LTP-FEC)	1.8
BENCHMARK DSR	1.4
LSD VALUE	2.1
C.V. (%)	38.0

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.

3/ HEAT STRESS RATED IN 2011-12.

TABLE 62B. HEAT STRESS RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/ 3/

NAME	RI1
SRP-1WM	4.2
007	3.8
PIN-UP (HTM)	3.4
CRYSTAL BLUELINKS	3.2
LUMINARY (A08-TDN2)	3.2
MEMORIAL	3.1
PRINCEVILLE	3.1
T-1	3.0
PENNCROSS	2.8
PURE SELECT (PST-OJD)	2.8
CY-2	2.8
AUTHORITY	2.7
L-93	2.7
BARRACUDA (MVS-AP-101)	2.6
DECLARATION	2.3
PROCLAMATION (LTP-FEC)	1.8
BENCHMARK DSR	1.4
LSD VALUE	2.1
C.V. (%)	46.0

TABLE 62C. HEAT STRESS RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

HEAT STRESS RATINGS 1-9; 9=BEST 2/ 3/

NAME	RI1
TIGER II	5.9
A08-FT12	5.7
GREENTIME	5.0
BCD	4.6
PST-R9D7	4.2
A08-EBM	3.6
LSD VALUE	2.0
C.V. (%)	26.4

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.

3/ HEAT STRESS RATED IN 2011-12.

TABLE 63A. SPRING COLOR RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2009-13 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/ 3/

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.

3/ SPRING COLOR RATED IN 2013 ONLY.

TABLE 63B. SPRING COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/ 3/

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 63C. SPRING COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2009-13 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/ 3/

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.

3/ SPRING COLOR RATED IN 2013 ONLY.

TABLE 64A. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 2/ 3/
 2009-13 DATA

NAME	JUNE	JULY	MEAN
L-93	13.0	46.7	29.8
CY-2	15.0	37.3	26.2
CRYSTAL BLUELINKS	16.3	35.0	25.7
PRINCEVILLE	14.7	36.7	25.7
T-1	17.7	31.7	24.7
PENNCROSS	12.3	36.7	24.5
LUMINARY (A08-TDN2)	15.7	30.0	22.8
PIN-UP (HTM)	16.7	28.3	22.5
007	13.7	26.7	20.2
PURE SELECT (PST-OJD)	12.7	27.3	20.0
AUTHORITY	12.7	21.7	17.2
SRP-1WM	9.7	23.3	16.5
BENCHMARK DSR	11.7	17.3	14.5
MEMORIAL	8.0	19.0	13.5
BARRACUDA (MVS-AP-101)	13.0	11.7	12.3
PROCLAMATION (LTP-FEC)	9.7	14.7	12.2
TIGER II	9.7	9.0	9.3
BCD	8.0	9.0	8.5
DECLARATION	2.7	14.0	8.3
A08-EBM	4.0	3.3	3.7
PST-R9D7	2.7	3.7	3.2
A08-FT12	1.0	4.3	2.7
GREENTIME	4.0	0.0	2.0
LSD VALUE	6.9	13.6	8.6
C.V. (%)	38.5	40.5	34.4

- 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.
- 3/ PERCENT DOLLAR SPOT RATED IN 2009 ONLY.

TABLE 64B. PERCENT DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 2/ 3/
2009-13 DATA

NAME	JUNE	JULY	MEAN
L-93	13.0	46.7	29.8
CY-2	15.0	37.3	26.2
CRYSTAL BLUELINKS	16.3	35.0	25.7
PRINCEVILLE	14.7	36.7	25.7
T-1	17.7	31.7	24.7
PENNCROSS	12.3	36.7	24.5
LUMINARY (A08-TDN2)	15.7	30.0	22.8
PIN-UP (HTM)	16.7	28.3	22.5
007	13.7	26.7	20.2
PURE SELECT (PST-OJD)	12.7	27.3	20.0
AUTHORITY	12.7	21.7	17.2
SRP-1WM	9.7	23.3	16.5
BENCHMARK DSR	11.7	17.3	14.5
MEMORIAL	8.0	19.0	13.5
BARRACUDA (MVS-AP-101)	13.0	11.7	12.3
PROCLAMATION (LTP-FEC)	9.7	14.7	12.2
DECLARATION	2.7	14.0	8.3
LSD VALUE	8.6	17.2	11.1
C.V. (%)	33.1	34.7	30.2

TABLE 64C. PERCENT DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 2/ 3/
2009-13 DATA

NAME	JUNE	JULY	MEAN
TIGER II	9.7	9.0	9.3
BCD	8.0	9.0	8.5
A08-EBM	4.0	3.3	3.7
PST-R9D7	2.7	3.7	3.2
A08-FT12	1.0	4.3	2.7
GREENTIME	4.0	0.0	2.0
LSD VALUE	8.1	12.8	6.7
C.V. (%)	77.2	113.0	65.8

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.

3/ PERCENT DOLLAR SPOT RATED IN 2009 ONLY.

TABLE 65A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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.

3/ DOLLAR SPOT RATED IN 2013 ONLY.

TABLE 65B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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 65C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

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.

3/ DOLLAR SPOT RATED IN 2013 ONLY.

TABLE 66A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SEPTEMBER	OCTOBER	MEAN
A08-EBM	8.3	9.0	8.7
GREENTIME	8.7	7.0	7.8
LUMINARY (A08-TDN2)	8.0	7.7	7.8
PENNCROSS	6.0	9.0	7.5
TIGER II	6.7	7.7	7.2
PIN-UP (HTM)	6.3	7.3	6.8
PURE SELECT (PST-OJD)	6.7	7.0	6.8
BCD	7.0	6.3	6.7
MEMORIAL	6.7	6.7	6.7
PST-R9D7	5.7	7.7	6.7
AUTHORITY	5.0	8.0	6.5
PRINCEVILLE	5.7	7.3	6.5
A08-FT12	6.3	6.3	6.3
CRYSTAL BLUELINKS	5.7	7.0	6.3
DECLARATION	3.7	8.3	6.0
BARRACUDA (MVS-AP-101)	6.0	5.0	5.5
L-93	6.7	4.3	5.5
007	5.7	4.7	5.2
T-1	4.0	6.3	5.2
PROCLAMATION (LTP-FEC)	7.0	2.3	4.7
BENCHMARK DSR	6.7	1.0	3.8
SRP-1WM	3.3	4.3	3.8
CY-2	2.3	3.7	3.0
LSD VALUE	4.9	6.2	4.9
C.V. (%)	34.7	43.1	32.0

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.

3/ DOLLAR SPOT RATED IN 2011 ONLY.

TABLE 66B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SEPTEMBER	OCTOBER	MEAN
LUMINARY (A08-TDN2)	8.0	7.7	7.8
PENNCROSS	6.0	9.0	7.5
PIN-UP (HTM)	6.3	7.3	6.8
PURE SELECT (PST-OJD)	6.7	7.0	6.8
MEMORIAL	6.7	6.7	6.7
AUTHORITY	5.0	8.0	6.5
PRINCEVILLE	5.7	7.3	6.5
CRYSTAL BLUELINKS	5.7	7.0	6.3
DECLARATION	3.7	8.3	6.0
BARRACUDA (MVS-AP-101)	6.0	5.0	5.5
L-93	6.7	4.3	5.5
007	5.7	4.7	5.2
T-1	4.0	6.3	5.2
PROCLAMATION (LTP-FEC)	7.0	2.3	4.7
BENCHMARK DSR	6.7	1.0	3.8
SRP-1WM	3.3	4.3	3.8
CY-2	2.3	3.7	3.0
LSD VALUE	5.5	5.8	4.8
C.V. (%)	38.9	45.8	33.6

TABLE 66C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	SEPTEMBER	OCTOBER	MEAN
A08-EBM	8.3	9.0	8.7
GREENTIME	8.7	7.0	7.8
TIGER II	6.7	7.7	7.2
BCD	7.0	6.3	6.7
PST-R9D7	5.7	7.7	6.7
A08-FT12	6.3	6.3	6.3
LSD VALUE	4.5	5.7	5.0
C.V. (%)	27.1	31.5	27.9

- 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.
- 3/ DOLLAR SPOT RATED IN 2011 ONLY.

TABLE 67A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE
AT RADFORD (PETE DYE RIVER COURSE OF VIRGINIA TECH.), VA 1/
2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
A08-EBM	9.0	7.7	8.3
A08-FT12	9.0	7.7	8.3
BCD	9.0	7.7	8.3
GREENTIME	9.0	7.7	8.3
PROCLAMATION (LTP-FEC)	9.0	7.7	8.3
PST-R9D7	9.0	7.7	8.3
TIGER II	9.0	7.3	8.2
BARRACUDA (MVS-AP-101)	8.7	7.3	8.0
DECLARATION	8.3	7.3	7.8
LUMINARY (A08-TDN2)	8.3	7.0	7.7
BENCHMARK DSR	8.7	6.7	7.7
MEMORIAL	8.7	6.7	7.7
PIN-UP (HTM)	8.3	7.0	7.7
PURE SELECT (PST-OJD)	8.3	7.0	7.7
CRYSTAL BLUELINKS	8.7	6.3	7.5
SRP-1WM	8.3	6.7	7.5
CY-2	8.3	6.3	7.3
L-93	8.0	6.3	7.2
PENNCROSS	7.7	6.7	7.2
AUTHORITY	8.3	5.3	6.8
007	7.7	5.3	6.5
PRINCEVILLE	7.7	5.3	6.5
T-1	7.3	5.0	6.2
LSD VALUE	1.0	2.1	1.3
C.V. (%)	6.2	14.7	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.

3/ DOLLAR SPOT RATED IN 2009 ONLY.

TABLE 67B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT RADFORD (PETE DYE RIVER COURSE OF VIRGINIA TECH.), VA 1/ 2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
PROCLAMATION (LTP-FEC)	9.0	7.7	8.3
BARRACUDA (MVS-AP-101)	8.7	7.3	8.0
DECLARATION	8.3	7.3	7.8
LUMINARY (A08-TDN2)	8.3	7.0	7.7
BENCHMARK DSR	8.7	6.7	7.7
MEMORIAL	8.7	6.7	7.7
PIN-UP (HTM)	8.3	7.0	7.7
PURE SELECT (PST-OJD)	8.3	7.0	7.7
CRYSTAL BLUELINKS	8.7	6.3	7.5
SRP-1WM	8.3	6.7	7.5
CY-2	8.3	6.3	7.3
L-93	8.0	6.3	7.2
PENNCROSS	7.7	6.7	7.2
AUTHORITY	8.3	5.3	6.8
007	7.7	5.3	6.5
PRINCEVILLE	7.7	5.3	6.5
T-1	7.3	5.0	6.2
LSD VALUE	1.4	2.6	1.7
C.V. (%)	7.1	16.9	10.2

TABLE 67C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT RADFORD (PETE DYE RIVER COURSE OF VIRGINIA TECH.), VA 1/ 2009-13 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	AUGUST	MEAN
A08-EBM	9	7.7	8.3
A08-FT12	9	7.7	8.3
BCD	9	7.7	8.3
GREENTIME	9	7.7	8.3
PST-R9D7	9	7.7	8.3
TIGER II	9	7.3	8.2
LSD VALUE	0	1.5	0.8
C.V. (%)	0	7.8	3.6

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

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

3/ DOLLAR SPOT RATED IN 2009 ONLY.

TABLE 68A. NUMBER OF DOLLAR SPOT INFECTION CENTERS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

DOLLAR SPOT INFECTION CENTERS PER PLOT 2/ 3/			
NAME	2010	2011	MEAN
PIN-UP (HTM)	13.0	30.7	21.8
PURE SELECT (PST-OJD)	26.7	16.3	21.5
T-1	27.0	15.0	21.0
AUTHORITY	26.0	15.3	20.7
PRINCEVILLE	25.7	15.7	20.7
LUMINARY (A08-TDN2)	13.7	25.3	19.5
CRYSTAL BLUELINKS	18.7	20.0	19.3
007	19.0	15.7	17.3
CY-2	21.0	11.7	16.3
L-93	19.0	11.3	15.2
GREENTIME	22.0	8.0	15.0
BARRACUDA (MVS-AP-101)	13.3	16.0	14.7
PENNCROSS	24.7	4.7	14.7
BCD	17.0	10.0	13.5
PROCLAMATION (LTP-FEC)	15.0	7.7	11.3
TIGER II	16.0	6.3	11.2
MEMORIAL	18.3	3.3	10.8
A08-FT12	17.3	2.7	10.0
PST-R9D7	6.3	7.7	7.0
BENCHMARK DSR	9.7	4.0	6.8
A08-EBM	8.7	4.3	6.5
DECLARATION	5.3	5.3	5.3
SRP-1WM	5.7	3.3	4.5
LSD VALUE	16.2	10.9	11.1
C.V. (%)	46.6	56.3	60.3

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 68B. NUMBER OF DOLLAR SPOT INFECTION CENTERS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

DOLLAR SPOT INFECTION CENTERS PER PLOT 2/			
NAME	2010	2011	MEAN
PIN-UP (HTM)	13.0	30.7	21.8
PURE SELECT (PST-OJD)	26.7	16.3	21.5
T-1	27.0	15.0	21.0
AUTHORITY	26.0	15.3	20.7
PRINCEVILLE	25.7	15.7	20.7
LUMINARY (A08-TDN2)	13.7	25.3	19.5
CRYSTAL BLUELINKS	18.7	20.0	19.3
007	19.0	15.7	17.3
CY-2	21.0	11.7	16.3
L-93	19.0	11.3	15.2
BARRACUDA (MVS-AP-101)	13.3	16.0	14.7
PENNCROSS	24.7	4.7	14.7
PROCLAMATION (LTP-FEC)	15.0	7.7	11.3
MEMORIAL	18.3	3.3	10.8
BENCHMARK DSR	9.7	4.0	6.8
DECLARATION	5.3	5.3	5.3
SRP-1WM	5.7	3.3	4.5
LSD VALUE	18.4	12.2	12.1
C.V. (%)	48.1	53.2	58.2

TABLE 68C. NUMBER OF DOLLAR SPOT INFECTION CENTERS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

DOLLAR SPOT INFECTION CENTERS PER PLOT 2/			
NAME	2010	2011	MEAN
GREENTIME	22.0	8.0	15.0
BCD	17.0	10.0	13.5
TIGER II	16.0	6.3	11.2
A08-FT12	17.3	2.7	10.0
PST-R9D7	6.3	7.7	7.0
A08-EBM	8.7	4.3	6.5
LSD VALUE	10.8	11.7	11.4
C.V. (%)	37.0	75.4	68.4

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 69A.

WEAR TOLERANCE RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

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

NAME	JUN_2010	SEP_2010	JUN_2011	AUG_2011	OCT_2011	JUN_2012	OCT_2012	MEAN
T-1	6.7	6.3	6.0	6.0	6.7	5.3	7.3	6.4
PURE SELECT (PST-OJD)	6.7	6.3	5.7	7.0	6.0	5.3	6.7	6.2
BARRACUDA (MVS-AP-101)	6.7	5.7	5.3	5.3	6.0	6.0	6.3	6.0
CY-2	5.0	6.7	5.3	7.0	6.3	5.3	6.3	6.0
PROCLAMATION (LTP-FEC)	5.7	6.7	5.3	6.3	6.0	5.3	6.3	6.0
AUTHORITY	5.0	5.7	5.3	7.0	6.3	6.0	6.3	5.9
BENCHMARK DSR	6.0	5.3	5.7	5.7	5.7	6.3	6.3	5.9
CRYSTAL BLUELINKS	5.7	6.0	5.3	6.3	5.0	6.3	6.0	5.9
SRP-1WM	6.0	5.7	5.3	5.7	5.7	4.7	7.7	5.9
GREENTIME	6.7	4.7	5.7	5.7	6.7	6.0	5.7	5.8
PIN-UP (HTM)	5.7	6.3	5.0	6.0	6.0	5.0	6.3	5.8
BCD	6.7	5.0	6.3	5.7	6.7	5.7	4.3	5.7
LUMINARY (A08-TDN2)	5.3	6.3	4.7	6.0	6.0	4.7	6.7	5.7
MEMORIAL	5.0	5.7	5.7	6.7	5.7	5.3	6.0	5.7
A08-EBM	6.7	4.7	6.3	5.0	6.0	6.0	5.0	5.6
L-93	5.0	6.0	5.0	5.7	5.7	5.3	6.3	5.6
TIGER II	6.7	4.7	6.0	5.3	6.3	5.7	4.7	5.6
007	5.3	5.3	5.0	6.0	5.7	5.7	5.7	5.5
DECLARATION	5.0	5.0	5.3	5.7	6.0	6.0	5.7	5.5
A08-FT12	6.0	5.0	5.3	5.3	6.0	5.3	4.7	5.4
PRINCEVILLE	4.3	5.3	5.0	5.3	5.3	5.7	6.0	5.3
PENNCROSS	5.0	5.0	5.0	5.3	4.7	6.0	5.0	5.2
PST-R9D7	5.3	4.3	5.7	5.0	5.3	6.0	4.7	5.2
LSD VALUE	0.8	1.2	1.1	1.0	0.8	1.7	1.4	0.4
C.V. (%)	9.1	12.0	9.7	9.9	7.7	11.9	13.2	8.2

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

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

TABLE 69B.

WEAR TOLERANCE RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

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

NAME	JUN_2010	SEP_2010	JUN_2011	AUG_2011	OCT_2011	JUN_2012	OCT_2012	MEAN
T-1	6.7	6.3	6.0	6.0	6.7	5.3	7.3	6.4
PURE SELECT (PST-OJD)	6.7	6.3	5.7	7.0	6.0	5.3	6.7	6.2
BARRACUDA (MVS-AP-101)	6.7	5.7	5.3	5.3	6.0	6.0	6.3	6.0
CY-2	5.0	6.7	5.3	7.0	6.3	5.3	6.3	6.0
PROCLAMATION (LTP-FEC)	5.7	6.7	5.3	6.3	6.0	5.3	6.3	6.0
AUTHORITY	5.0	5.7	5.3	7.0	6.3	6.0	6.3	5.9
BENCHMARK DSR	6.0	5.3	5.7	5.7	5.7	6.3	6.3	5.9
CRYSTAL BLUELINKS	5.7	6.0	5.3	6.3	5.0	6.3	6.0	5.9
SRP-1WM	6.0	5.7	5.3	5.7	5.7	4.7	7.7	5.9
PIN-UP (HTM)	5.7	6.3	5.0	6.0	6.0	5.0	6.3	5.8
LUMINARY (A08-TDN2)	5.3	6.3	4.7	6.0	6.0	4.7	6.7	5.7
MEMORIAL	5.0	5.7	5.7	6.7	5.7	5.3	6.0	5.7
L-93	5.0	6.0	5.0	5.7	5.7	5.3	6.3	5.6
007	5.3	5.3	5.0	6.0	5.7	5.7	5.7	5.5
DECLARATION	5.0	5.0	5.3	5.7	6.0	6.0	5.7	5.5
PRINCEVILLE	4.3	5.3	5.0	5.3	5.3	5.7	6.0	5.3
PENNCROSS	5.0	5.0	5.0	5.3	4.7	6.0	5.0	5.2
LSD VALUE	0.9	1.3	1.4	1.2	0.8	1.5	1.7	0.4
C.V. (%)	9.7	10.6	9.9	10.2	7.4	11.7	12.2	8.0

TABLE 69C.

WEAR TOLERANCE RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT AMHERST, MA 1/
2009-13 DATA

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

NAME	JUN_2010	SEP_2010	JUN_2011	AUG_2011	OCT_2011	JUN_2012	OCT_2012	MEAN
GREENTIME	6.7	4.7	5.7	5.7	6.7	6.0	5.7	5.8
BCD	6.7	5.0	6.3	5.7	6.7	5.7	4.3	5.7
A08-EBM	6.7	4.7	6.3	5.0	6.0	6.0	5.0	5.6
TIGER II	6.7	4.7	6.0	5.3	6.3	5.7	4.7	5.6
A08-FT12	6.0	5.0	5.3	5.3	6.0	5.3	4.7	5.4
PST-R9D7	5.3	4.3	5.7	5.0	5.3	6.0	4.7	5.2
LSD VALUE	1.0	2.1	1.2	1.1	1.0	1.8	2.2	0.6
C.V. (%)	7.6	17.6	9.1	9.1	7.8	12.5	18.5	8.8

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

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

TABLE 70A. TURF UNIFORMITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

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

NAME	SPR_2012	FALL_2012	2013	MEAN
A08-EBM	6.3	8.7	7.7	7.6
A08-FT12	5.3	8.0	6.3	6.5
CRYSTAL BLUELINKS	5.3	8.3	5.7	6.3
GREENTIME	4.7	6.7	6.7	6.2
CY-2	5.3	5.7	6.7	6.1
BARRACUDA (MVS-AP-101)	4.7	6.0	6.7	6.0
TIGER II	5.3	6.3	6.0	5.9
007	5.3	6.3	5.7	5.8
DECLARATION	5.0	4.3	7.0	5.8
MEMORIAL	5.7	6.0	5.7	5.8
PROCLAMATION (LTP-FEC)	5.7	5.7	5.7	5.7
SRP-1WM	4.7	4.7	6.7	5.7
LUMINARY (A08-TDN2)	4.7	5.7	5.7	5.4
BCD	5.7	5.7	5.0	5.3
BENCHMARK DSR	5.7	5.0	5.3	5.3
L-93	5.0	5.0	5.7	5.3
PIN-UP (HTM)	4.3	4.7	5.7	5.1
PENNCROSS	3.7	7.0	4.0	4.7
AUTHORITY	5.0	4.3	4.3	4.5
PRINCEVILLE	4.7	6.3	3.3	4.4
PST-R9D7	4.0	3.7	4.7	4.3
T-1	4.0	2.0	5.7	4.3
PURE SELECT (PST-OJD)	3.7	3.3	4.3	3.9
LSD VALUE	2.7	2.7	1.8	1.4
C.V. (%)	20.6	27.0	17.8	20.5

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 70B. TURF UNIFORMITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

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

NAME	SPR_2012	FALL_2012	2013	MEAN
CRYSTAL BLUELINKS	5.3	8.3	5.7	6.3
CY-2	5.3	5.7	6.7	6.1
BARRACUDA (MVS-AP-101)	4.7	6.0	6.7	6.0
007	5.3	6.3	5.7	5.8
DECLARATION	5.0	4.3	7.0	5.8
MEMORIAL	5.7	6.0	5.7	5.8
PROCLAMATION (LTP-FEC)	5.7	5.7	5.7	5.7
SRP-1WM	4.7	4.7	6.7	5.7
LUMINARY (A08-TDN2)	4.7	5.7	5.7	5.4
BENCHMARK DSR	5.7	5.0	5.3	5.3
L-93	5.0	5.0	5.7	5.3
PIN-UP (HTM)	4.3	4.7	5.7	5.1
PENNCROSS	3.7	7.0	4.0	4.7
AUTHORITY	5.0	4.3	4.3	4.5
PRINCEVILLE	4.7	6.3	3.3	4.4
T-1	4.0	2.0	5.7	4.3
PURE SELECT (PST-OJD)	3.7	3.3	4.3	3.9
LSD VALUE	2.6	3.5	2.0	1.9
C.V. (%)	20.3	31.3	18.6	23.3

TABLE 70C. TURF UNIFORMITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT KINGSTON, RI 1/
2009-13 DATA

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

NAME	SPR_2012	FALL_2012	2013	MEAN
A08-EBM	6.3	8.7	7.7	7.6
A08-FT12	5.3	8.0	6.3	6.5
GREENTIME	4.7	6.7	6.7	6.2
TIGER II	5.3	6.3	6.0	5.9
BCD	5.7	5.7	5.0	5.3
PST-R9D7	4.0	3.7	4.7	4.3
LSD VALUE	2.0	2.0	1.5	0.8
C.V. (%)	17.7	16.9	13.4	12.1

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 71A. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2009-13 DATA

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

NAME	NOV_2012	DEC_2012	JAN_2013	FEB_2013	MEAN
PST-R9D7	4.7	5.7	7.0	5.7	5.8
LUMINARY (A08-TDN2)	6.0	5.3	5.3	5.7	5.6
DECLARATION	5.3	5.7	6.0	5.0	5.5
SRP-1WM	5.7	5.3	6.3	4.3	5.4
TIGER II	4.0	5.0	6.7	6.0	5.4
A08-EBM	4.7	4.3	6.0	6.0	5.3
A08-FT12	5.3	5.3	5.3	5.3	5.3
MEMORIAL	5.7	4.7	5.7	5.3	5.3
BCD	5.0	4.7	5.7	5.0	5.1
BARRACUDA (MVS-AP-101)	5.7	5.0	4.7	4.7	5.0
AUTHORITY	4.3	4.3	5.7	5.0	4.8
L-93	4.3	4.7	5.3	4.7	4.8
CRYSTAL BLUELINKS	4.0	4.3	5.0	5.3	4.7
PROCLAMATION (LTP-FEC)	5.0	4.0	5.3	4.3	4.7
T-1	4.3	4.7	4.7	5.0	4.7
PIN-UP (HTM)	4.7	4.0	5.0	4.7	4.6
007	5.0	4.3	4.3	4.3	4.5
CY-2	4.3	4.0	5.3	4.3	4.5
GREENTIME	3.3	3.7	5.3	5.7	4.5
BENCHMARK DSR	4.7	4.3	4.0	4.7	4.4
PENNCROSS	3.7	4.3	4.3	4.7	4.3
PRINCEVILLE	3.3	4.0	5.0	4.7	4.3
PURE SELECT (PST-OJD)	4.0	3.3	4.7	5.3	4.3
LSD VALUE	1.0	2.1	1.4	1.6	1.0
C.V. (%)	13.2	18.9	14.0	13.9	14.7

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 71B. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2009-13 DATA

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

NAME	NOV_2012	DEC_2012	JAN_2013	FEB_2013	MEAN
LUMINARY (A08-TDN2)	6.0	5.3	5.3	5.7	5.6
DECLARATION	5.3	5.7	6.0	5.0	5.5
SRP-1WM	5.7	5.3	6.3	4.3	5.4
MEMORIAL	5.7	4.7	5.7	5.3	5.3
BARRACUDA (MVS-AP-101)	5.7	5.0	4.7	4.7	5.0
AUTHORITY	4.3	4.3	5.7	5.0	4.8
L-93	4.3	4.7	5.3	4.7	4.8
CRYSTAL BLUELINKS	4.0	4.3	5.0	5.3	4.7
PROCLAMATION (LTP-FEC)	5.0	4.0	5.3	4.3	4.7
T-1	4.3	4.7	4.7	5.0	4.7
PIN-UP (HTM)	4.7	4.0	5.0	4.7	4.6
007	5.0	4.3	4.3	4.3	4.5
CY-2	4.3	4.0	5.3	4.3	4.5
BENCHMARK DSR	4.7	4.3	4.0	4.7	4.4
PENNCROSS	3.7	4.3	4.3	4.7	4.3
PRINCEVILLE	3.3	4.0	5.0	4.7	4.3
PURE SELECT (PST-OJD)	4.0	3.3	4.7	5.3	4.3
LSD VALUE	0.9	2.4	1.9	2.3	0.8
C.V. (%)	11.8	20.1	16.2	15.7	13.5

TABLE 71C. MICRODOCHIUM PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT PUYALLUP, WA 1/
2009-13 DATA

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

NAME	NOV_2012	DEC_2012	JAN_2013	FEB_2013	MEAN
PST-R9D7	4.7	5.7	7.0	5.7	5.8
TIGER II	4.0	5.0	6.7	6.0	5.4
A08-EBM	4.7	4.3	6.0	6.0	5.3
A08-FT12	5.3	5.3	5.3	5.3	5.3
BCD	5.0	4.7	5.7	5.0	5.1
GREENTIME	3.3	3.7	5.3	5.7	4.5
LSD VALUE	1.7	1.7	0.9	1.2	1.5
C.V. (%)	17.7	16.9	8.1	9.6	17.5

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.